

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
 Data File : BN000617.D
 Acq On : 26 Mar 2018 13:36
 Operator : JU/SJ
 Sample : J1969-10RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COABORE

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.231	126	135	162	rBV	1822733	4055888	100.00%	6.641%
2	4.678	199	211	222	rBV7	10002	45603	1.12%	0.075%
3	5.143	285	290	305	rBV	24163	58526	1.44%	0.096%
4	5.402	326	334	340	rBV	70787	114374	2.82%	0.187%
5	5.937	416	425	442	rBV	265389	563506	13.89%	0.923%
6	7.555	690	700	713	rVB	361789	647132	15.96%	1.060%
7	7.719	720	728	735	rBV	354008	588050	14.50%	0.963%
8	7.831	742	747	754	rBV	64565	105818	2.61%	0.173%
9	7.937	755	765	772	rVV	438517	750719	18.51%	1.229%
10	8.361	832	837	840	rBV2	39310	57467	1.42%	0.094%
11	8.414	840	846	849	rVV	542428	867447	21.39%	1.420%
12	8.461	849	854	863	rVV	1963685	3367536	83.03%	5.514%
13	8.555	865	870	880	rVB4	107761	298223	7.35%	0.488%
14	8.684	888	892	898	rVB2	46355	72527	1.79%	0.119%
15	8.972	936	941	949	rVB5	24710	56912	1.40%	0.093%
16	9.049	949	954	961	rBV4	33437	66875	1.65%	0.109%
17	9.125	961	967	980	rVV	480130	845422	20.84%	1.384%
18	9.361	1002	1007	1015	rBV2	28991	66010	1.63%	0.108%
19	9.525	1030	1035	1040	rVV2	43530	78501	1.94%	0.129%
20	9.596	1040	1047	1057	rVB2	463665	969046	23.89%	1.587%
21	9.772	1073	1077	1083	rVB7	29762	62144	1.53%	0.102%
22	9.861	1086	1092	1101	rVB3	49518	124996	3.08%	0.205%
23	10.049	1118	1124	1131	rBV2	44914	75539	1.86%	0.124%
24	10.178	1138	1146	1157	rVB	159376	330388	8.15%	0.541%
25	10.325	1157	1171	1179	rBV	409500	851027	20.98%	1.393%
26	10.419	1183	1187	1191	rBV3	49722	81351	2.01%	0.133%
27	10.549	1202	1209	1217	rBV3	43374	89180	2.20%	0.146%
28	10.631	1218	1223	1236	rVV6	67894	174241	4.30%	0.285%
29	10.737	1236	1241	1245	rVB2	45413	66969	1.65%	0.110%
30	10.808	1246	1253	1257	rBV4	24668	52209	1.29%	0.085%
31	10.866	1257	1263	1270	rBV	595587	1038859	25.61%	1.701%
32	10.931	1270	1274	1282	rVB3	56918	110193	2.72%	0.180%
33	11.013	1282	1288	1292	rBV5	20733	47024	1.16%	0.077%
34	11.090	1293	1301	1310	rBV3	162640	369352	9.11%	0.605%

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35	11.178	1311	1316	1322	rBV	262435	405439	10.00%	0.664%
36	11.255	1322	1329	1335	rVV	825618	1397235	34.45%	2.288%
37	11.378	1342	1350	1357	rVV2	578906	1110868	27.39%	1.819%
38	11.443	1357	1361	1366	rVB6	31886	53537	1.32%	0.088%
39	11.596	1380	1387	1392	rBV8	20749	62378	1.54%	0.102%
40	11.660	1394	1398	1403	rVV2	58333	110019	2.71%	0.180%
41	11.719	1405	1408	1413	rVB3	42949	67162	1.66%	0.110%
42	11.807	1419	1423	1429	rVB4	50021	82914	2.04%	0.136%
43	11.925	1437	1443	1447	rBV3	99515	183237	4.52%	0.300%
44	12.043	1458	1463	1471	rVB7	46321	83439	2.06%	0.137%
45	12.113	1471	1475	1485	rVB6	72182	158149	3.90%	0.259%
46	12.219	1487	1493	1498	rBV	217406	349738	8.62%	0.573%
47	12.272	1498	1502	1506	rVB2	44334	65275	1.61%	0.107%
48	12.419	1522	1527	1532	rBV4	70261	116086	2.86%	0.190%
49	12.496	1533	1540	1545	rBV7	42413	113790	2.81%	0.186%
50	12.607	1553	1559	1568	rBV	390507	586084	14.45%	0.960%
51	12.684	1569	1572	1577	rBV5	22440	45377	1.12%	0.074%
52	12.849	1589	1600	1605	rBV	943416	1557434	38.40%	2.550%
53	12.960	1614	1619	1624	rVB7	30503	59486	1.47%	0.097%
54	13.019	1625	1629	1636	rBV6	33382	96083	2.37%	0.157%
55	13.225	1660	1664	1668	rBV3	91958	166128	4.10%	0.272%
56	13.331	1679	1682	1685	rVB	60887	67928	1.67%	0.111%
57	13.402	1690	1694	1702	rVB2	87243	147795	3.64%	0.242%
58	13.484	1704	1708	1713	rVB	85557	114267	2.82%	0.187%
59	13.537	1713	1717	1723	rBV	221178	327991	8.09%	0.537%
60	13.701	1741	1745	1748	rBV3	45593	66912	1.65%	0.110%
61	13.825	1760	1766	1771	rVV	453121	695059	17.14%	1.138%
62	13.907	1776	1780	1783	rBV4	48095	71113	1.75%	0.116%
63	14.307	1843	1848	1850	rBV4	59804	99037	2.44%	0.162%
64	14.360	1850	1857	1862	rVV3	259220	620841	15.31%	1.016%
65	14.419	1862	1867	1871	rVV	1156600	1637019	40.36%	2.680%
66	14.466	1871	1875	1880	rVB2	383952	634242	15.64%	1.038%
67	14.513	1880	1883	1885	rBV	74032	99647	2.46%	0.163%
68	14.590	1893	1896	1900	rVB	112756	139665	3.44%	0.229%
69	14.666	1900	1909	1914	rVB	1273978	1847777	45.56%	3.025%
70	14.731	1914	1920	1926	rBV	1478848	2350777	57.96%	3.849%
71	14.884	1942	1946	1950	rVB	364780	457394	11.28%	0.749%

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72	14.943	1952	1956	1962	rVV3	176918	327210	8.07%	0.536%
73	15.031	1966	1971	1978	rVB2	1249290	2009932	49.56%	3.291%
74	15.190	1995	1998	2000	rBV	97743	123828	3.05%	0.203%
75	15.248	2000	2008	2016	rVV3	1360343	2876193	70.91%	4.709%
76	15.319	2017	2020	2026	rVV3	136382	264529	6.52%	0.433%
77	15.372	2026	2029	2033	rVV3	117986	155255	3.83%	0.254%
78	15.431	2034	2039	2044	rVB4	206887	364447	8.99%	0.597%
79	15.490	2045	2049	2053	rBV	175988	261605	6.45%	0.428%
80	15.560	2058	2061	2066	rVB	147704	189256	4.67%	0.310%
81	15.666	2073	2079	2087	rBV	2173392	3071613	75.73%	5.029%
82	15.825	2102	2106	2110	rVB	384464	509908	12.57%	0.835%
83	16.013	2133	2138	2144	rBV	1614749	2451037	60.43%	4.013%
84	16.131	2154	2158	2162	rBV2	247172	338902	8.36%	0.555%
85	16.225	2168	2174	2177	rVB4	246399	478637	11.80%	0.784%
86	16.260	2177	2180	2186	rVB	188218	233209	5.75%	0.382%
87	16.319	2187	2190	2196	rVB	136067	169978	4.19%	0.278%
88	16.372	2196	2199	2202	rBV	111802	147242	3.63%	0.241%
89	16.443	2207	2211	2215	rBV2	183245	231370	5.70%	0.379%
90	16.678	2247	2251	2253	rBV	434062	595361	14.68%	0.975%
91	16.942	2292	2296	2304	rBV2	411702	754467	18.60%	1.235%
92	17.019	2305	2309	2312	rBV	348732	563510	13.89%	0.923%
93	17.184	2333	2337	2339	rBV	284407	401438	9.90%	0.657%
94	17.248	2345	2348	2351	rBV	206423	249373	6.15%	0.408%
95	17.466	2381	2385	2389	rBV2	718306	1094944	27.00%	1.793%
96	17.513	2390	2393	2397	rVB	730660	1008594	24.87%	1.651%
97	17.760	2430	2435	2441	rBV	1666166	2988187	73.68%	4.893%
98	17.854	2447	2451	2455	rBV2	1250702	1787409	44.07%	2.927%
99	18.007	2472	2477	2484	rBV3	912280	2593210	63.94%	4.246%
100	18.201	2507	2510	2516	rBV	733357	1439338	35.49%	2.357%

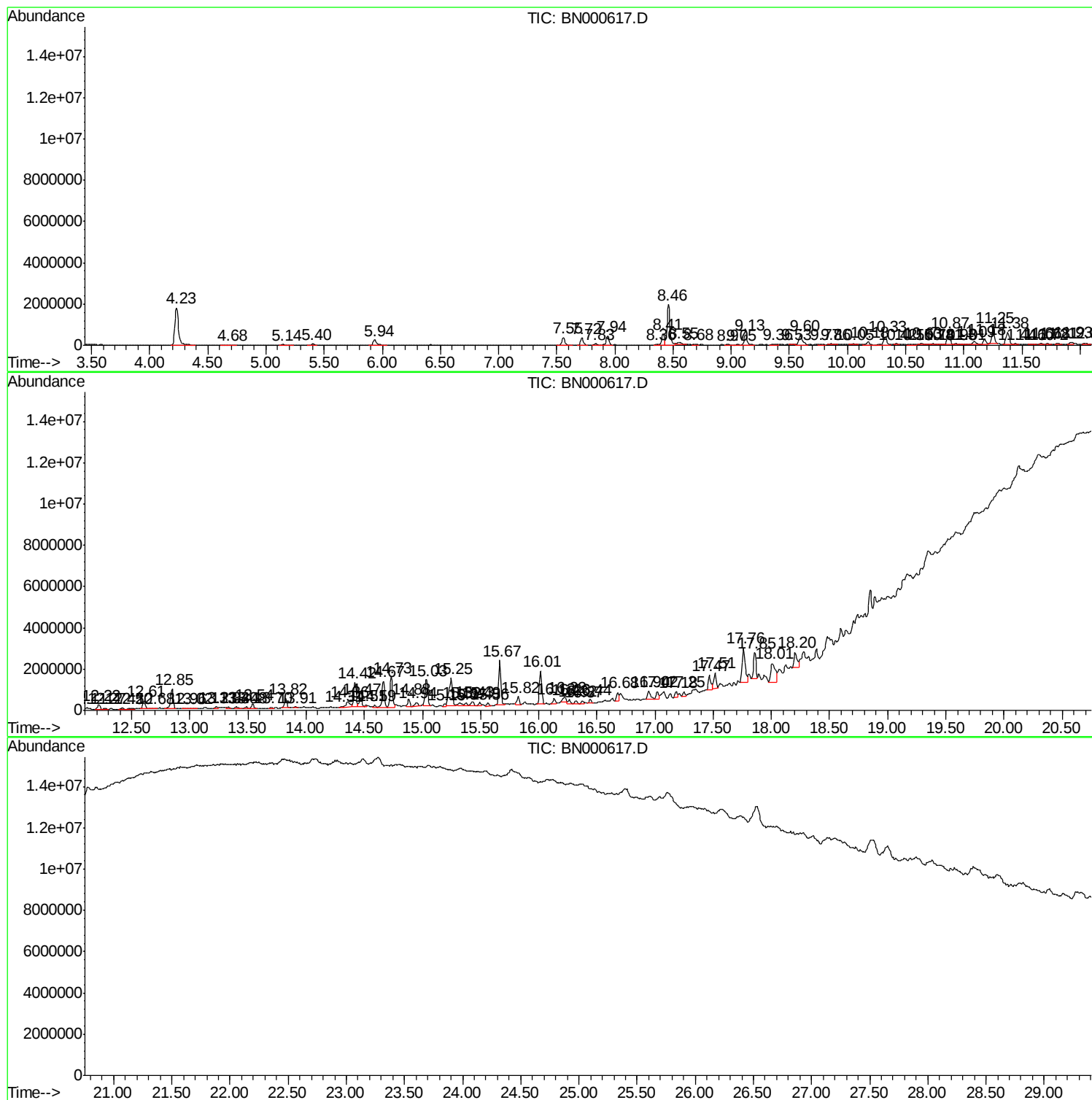
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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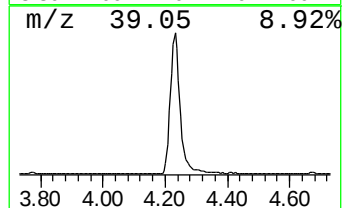
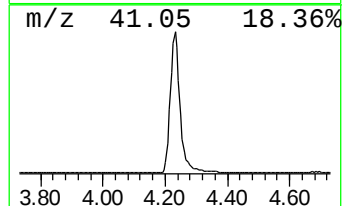
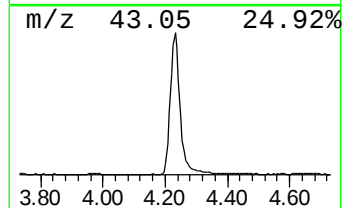
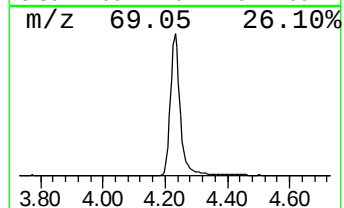
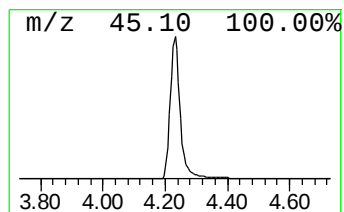
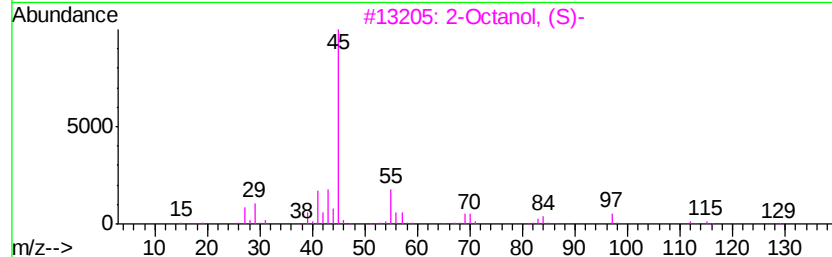
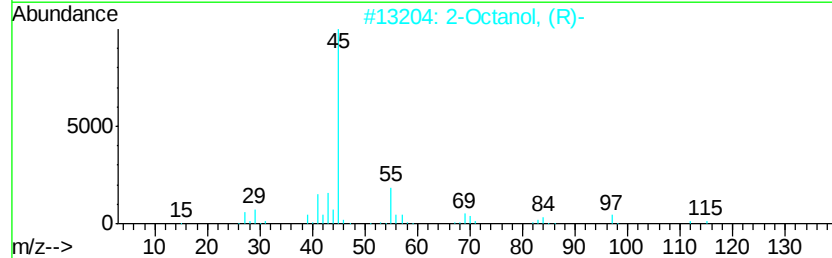
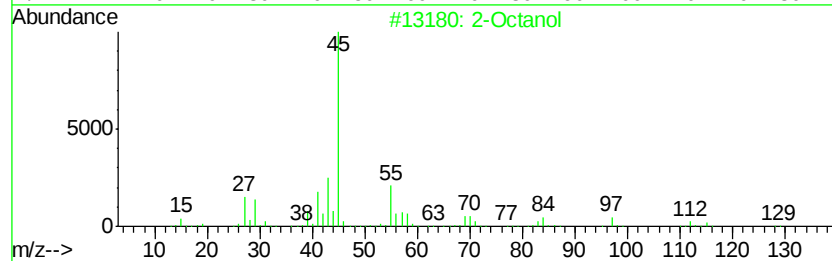
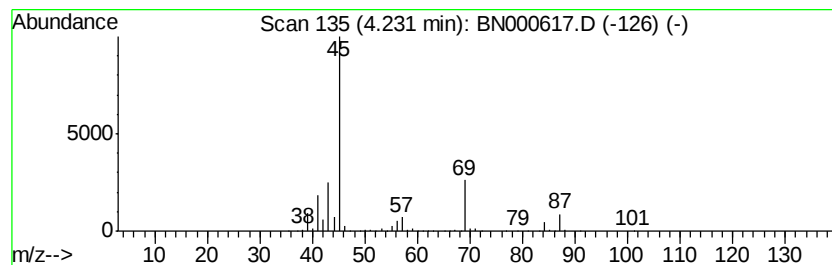
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Octanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.23	93.51 ng/ul	4055890	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octanol	130	C8H18O	000123-96-6	78
2			2-Octanol, (R)-	130	C8H18O	005978-70-1	78
3			2-Octanol, (S)-	130	C8H18O	006169-06-8	78
4			2-Hexanol	102	C6H14O	000626-93-7	74
5			2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74



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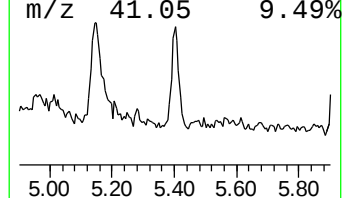
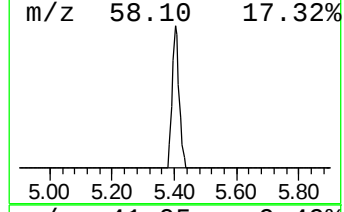
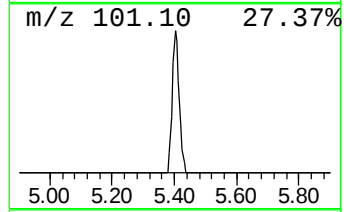
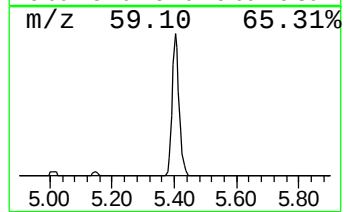
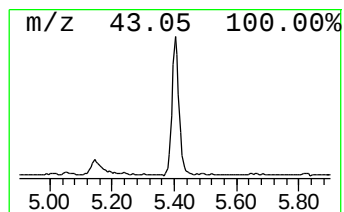
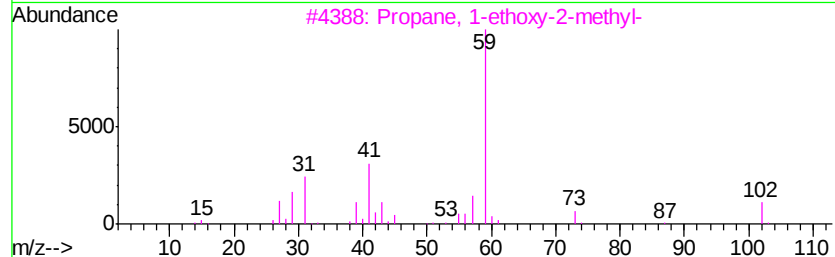
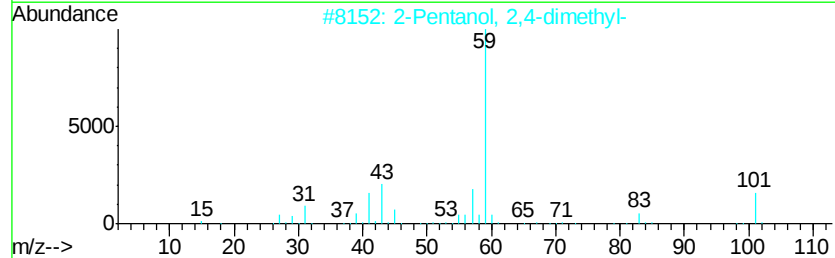
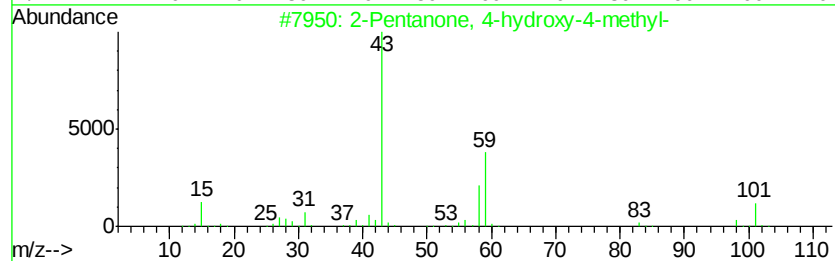
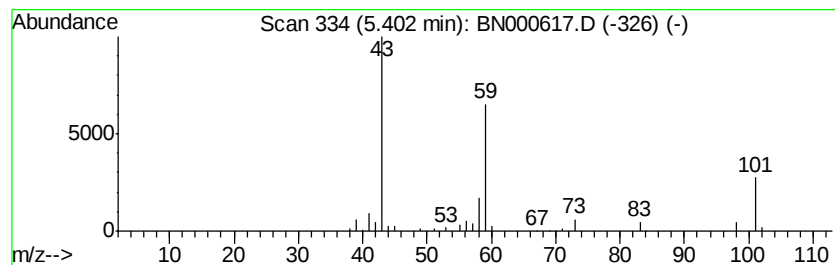
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	2.64 ng/ul	114374	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	37
3			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
4			2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	23
5			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23



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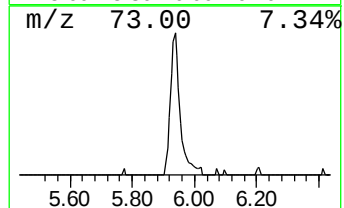
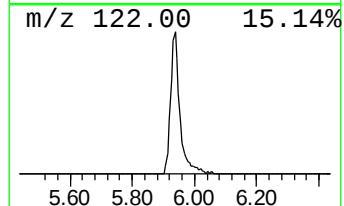
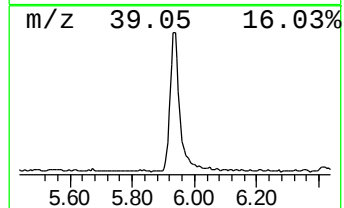
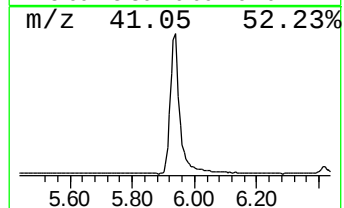
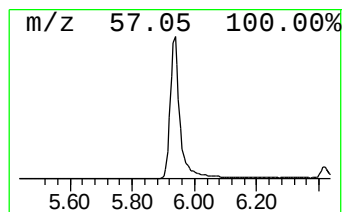
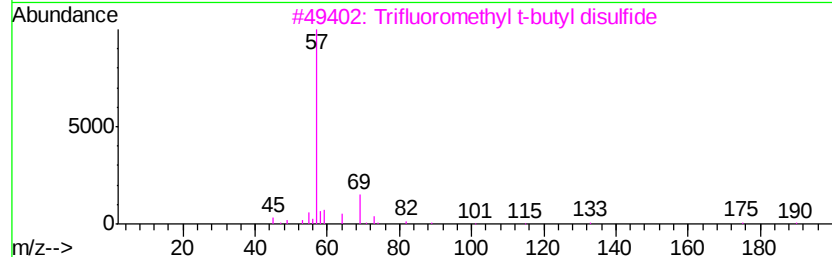
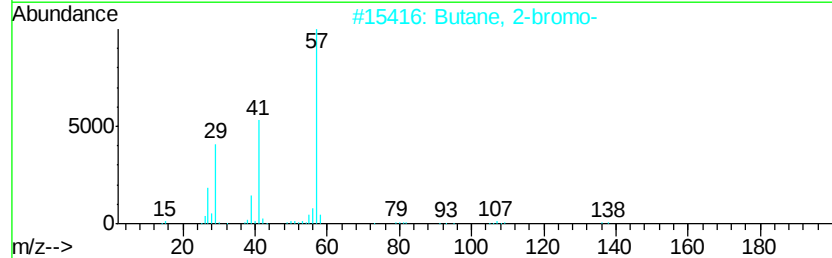
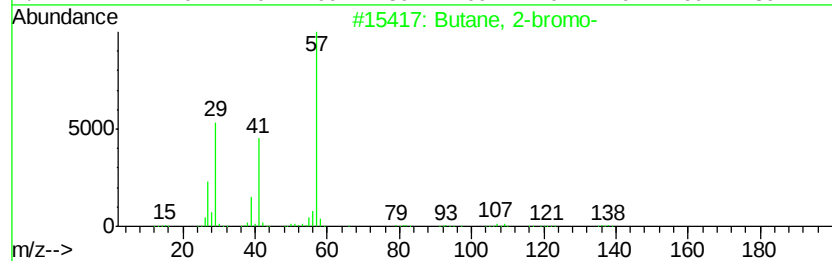
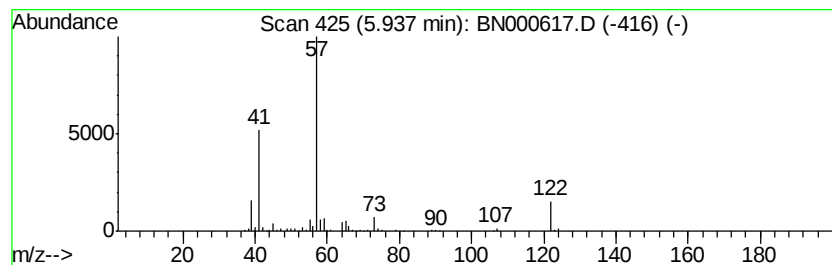
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Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	12.99 ng/ul	563506	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-bromo-	136	C4H9Br	000078-76-2	16
2		Butane, 2-bromo-	136	C4H9Br	000078-76-2	16
3		Trifluoromethyl t-butyl disulfide	190	C5H9F3S2	145372-23-2	16
4		Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	12
5		Neopentane	72	C5H12	000463-82-1	12



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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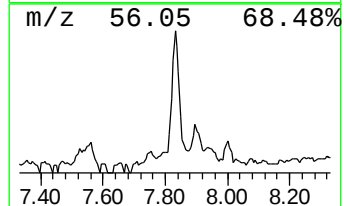
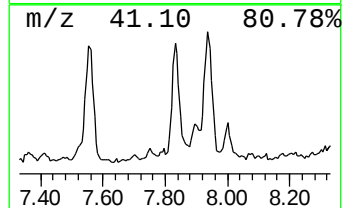
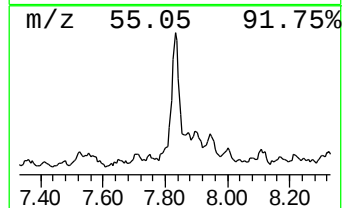
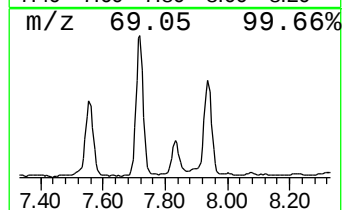
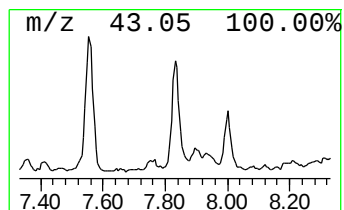
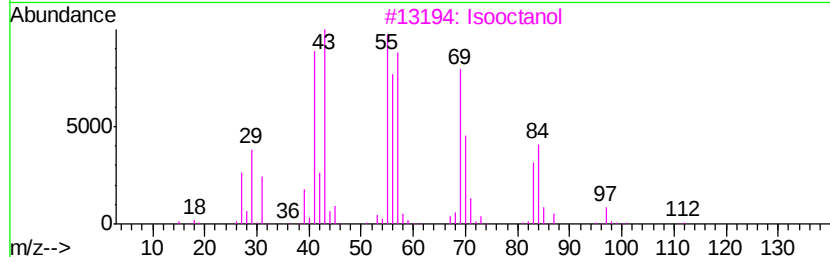
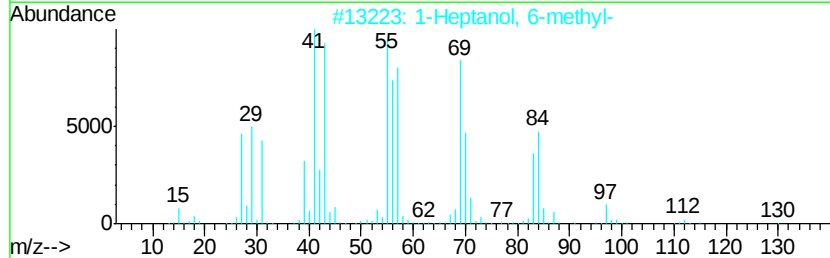
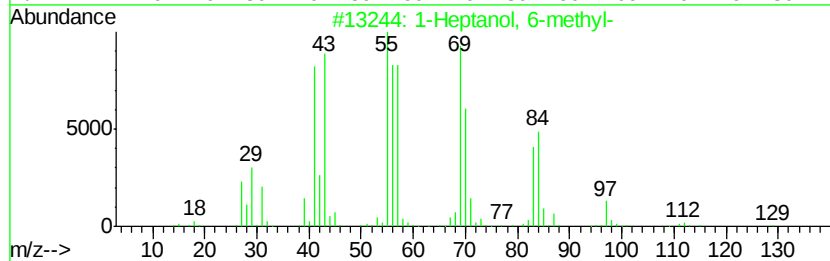
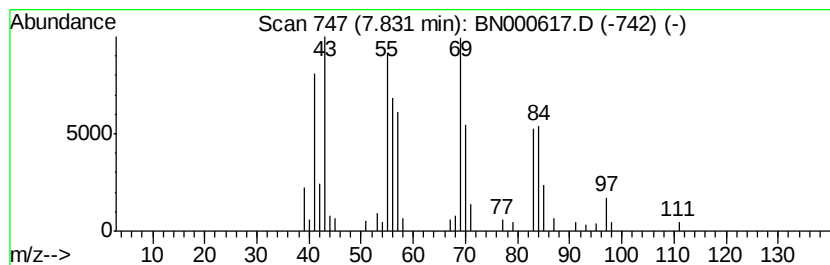
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Heptanol, 6-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	2.44 ng/ul	105818	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	78
2			1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	72
3			Isooctanol	130	C8H18O	026952-21-6	72
4			1-Heptanol, 4-methyl-	130	C8H18O	000817-91-4	64
5			Isooctanol	130	C8H18O	026952-21-6	64



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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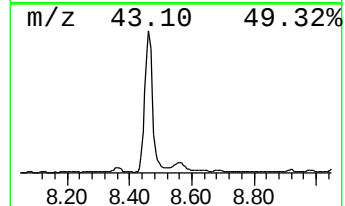
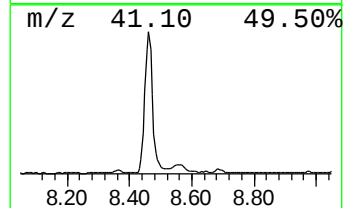
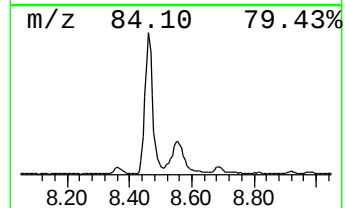
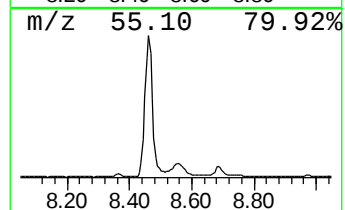
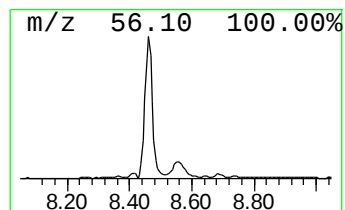
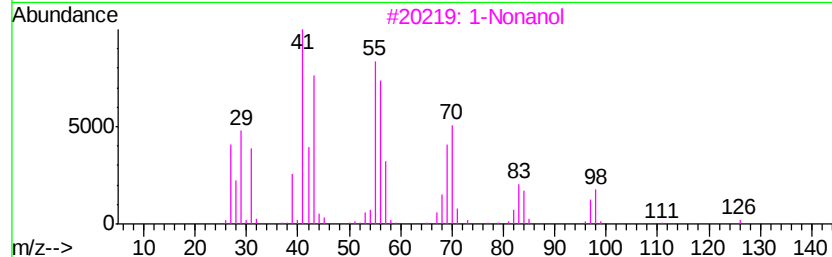
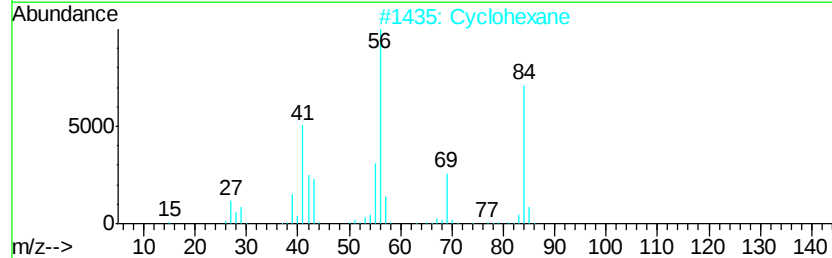
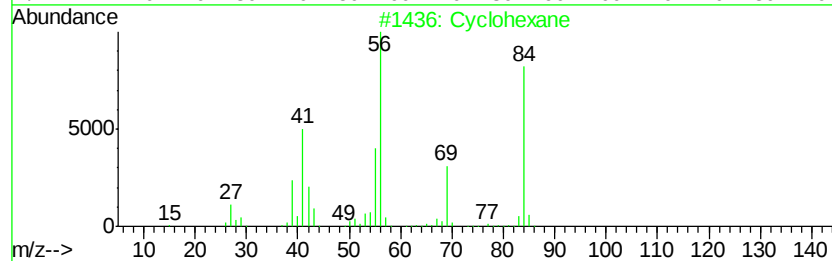
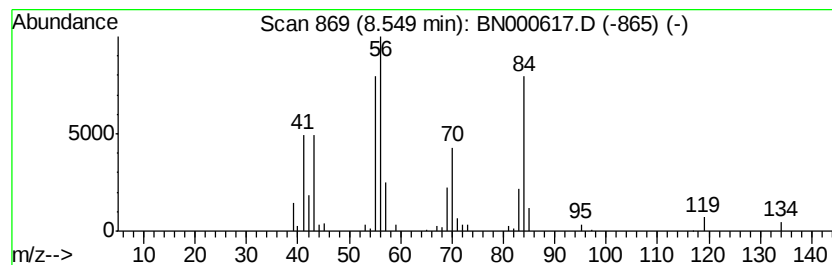
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic8.55 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	6.88 ng/ul	298223	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	58
2		Cyclohexane	84	C6H12	000110-82-7	58
3		1-Nonanol	144	C9H20O	000143-08-8	50
4		1-Heptanol, 4-methyl-	130	C8H18O	000817-91-4	45
5		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	43



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

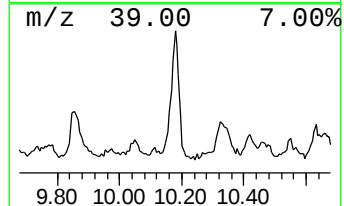
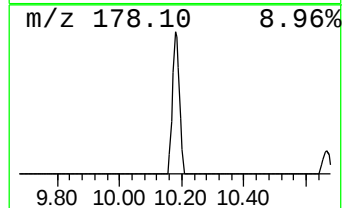
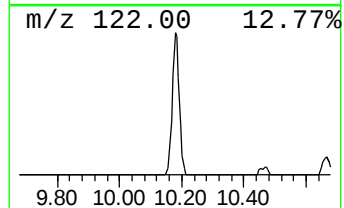
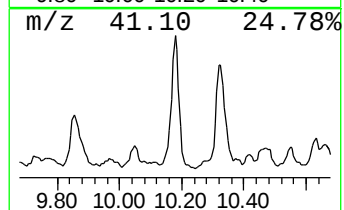
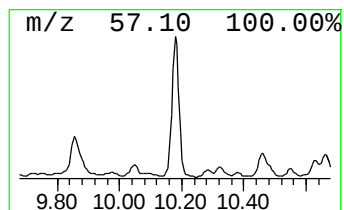
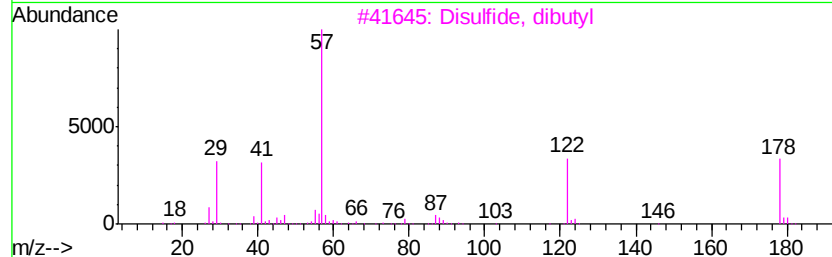
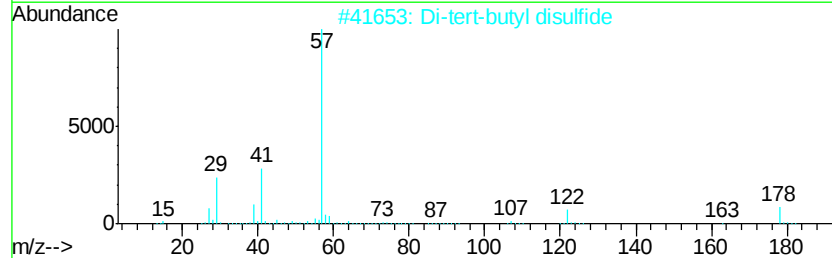
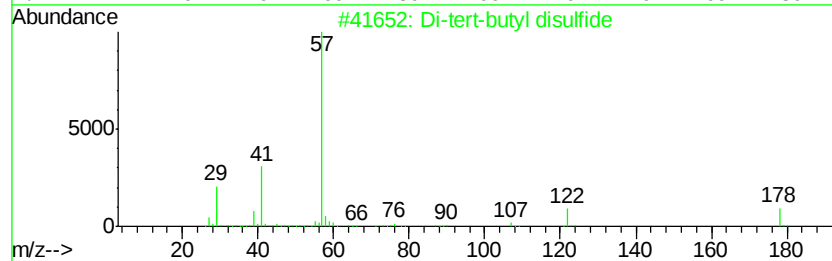
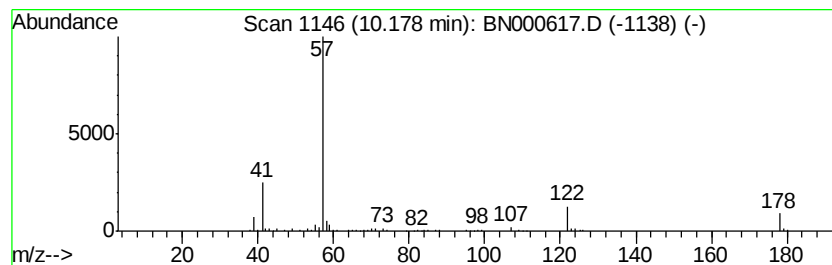
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Di-tert-butyl disulfide Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	4.73 ng/ul	330388	Naphthalene-d8	11.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Di-tert-butyl disulfide	178 C8H18S2	000110-06-5 74
2		Di-tert-butyl disulfide	178 C8H18S2	000110-06-5 74
3		Disulfide, dibutyl	178 C8H18S2	000629-45-8 72
4		Disulfide, (1,1-dimethylethyl)(1...	178 C8H18S2	072437-46-8 53
5		Disulfide, bis(1-methylpropyl)	178 C8H18S2	005943-30-6 50



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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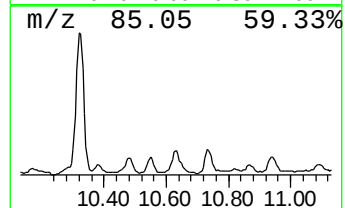
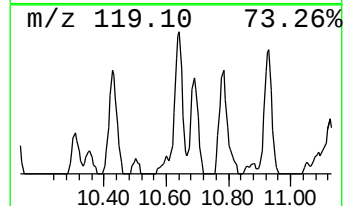
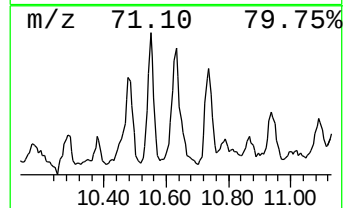
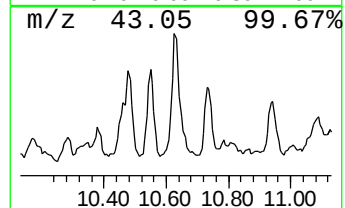
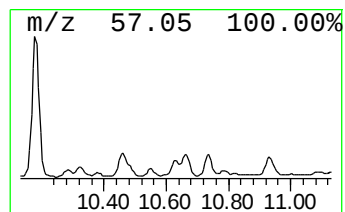
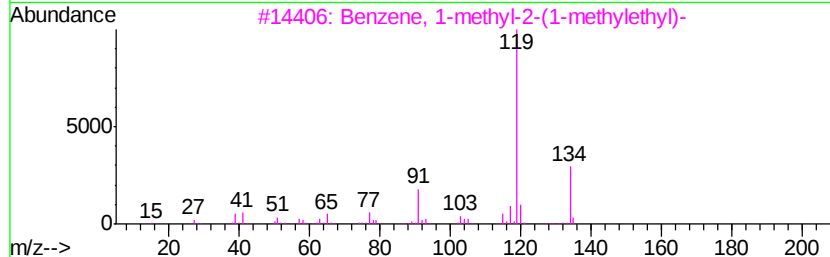
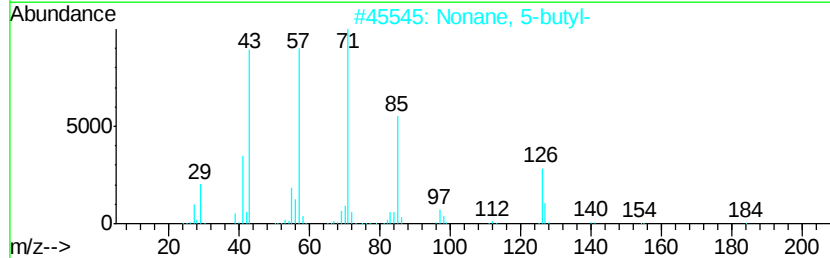
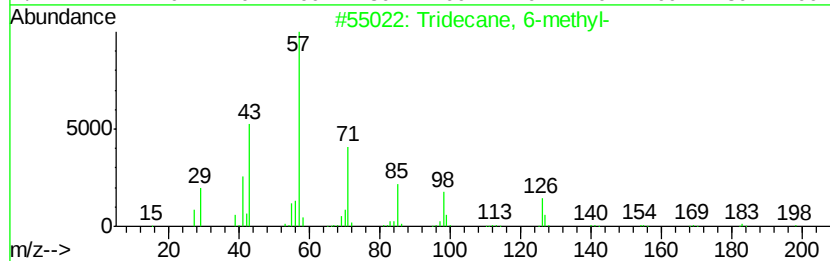
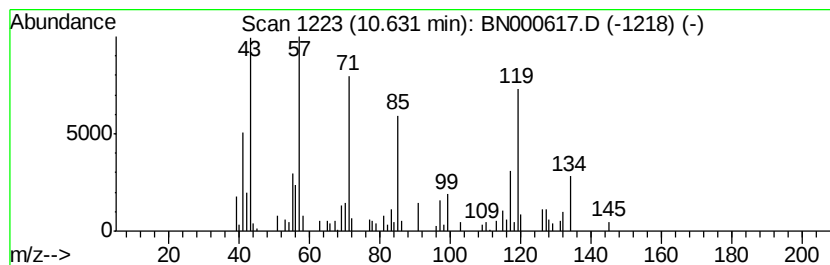
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	2.49 ng/ul	174241	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	27
3		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	25
4		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	25
5		Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	25



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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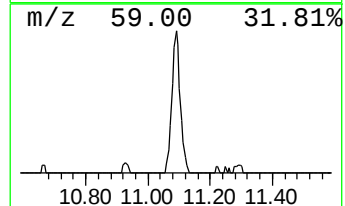
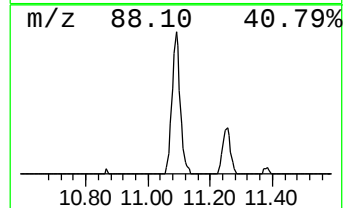
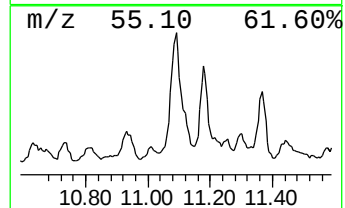
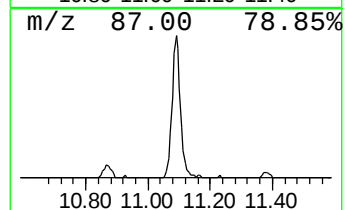
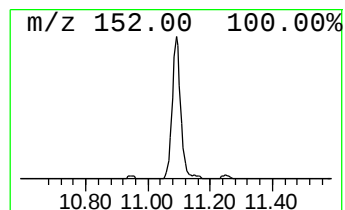
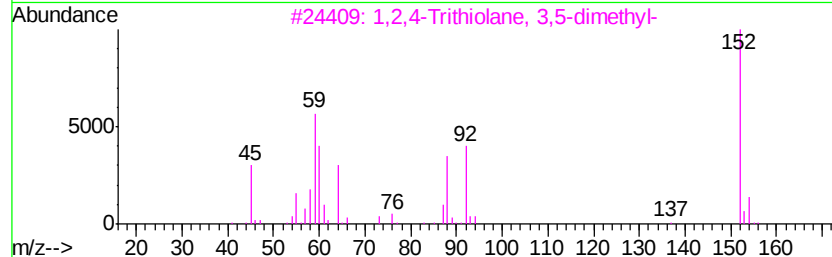
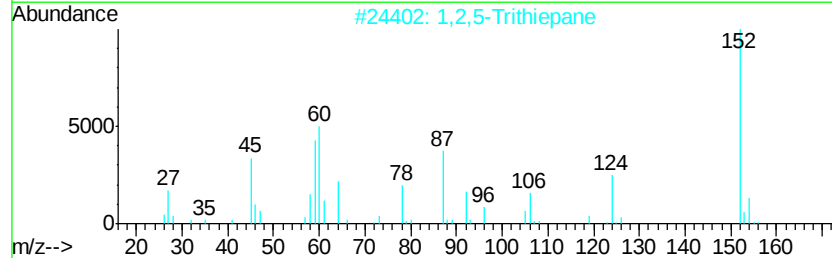
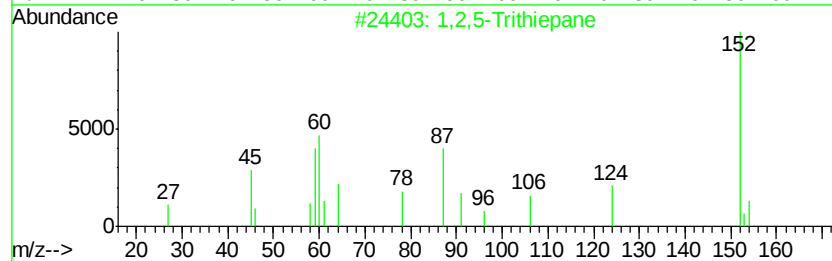
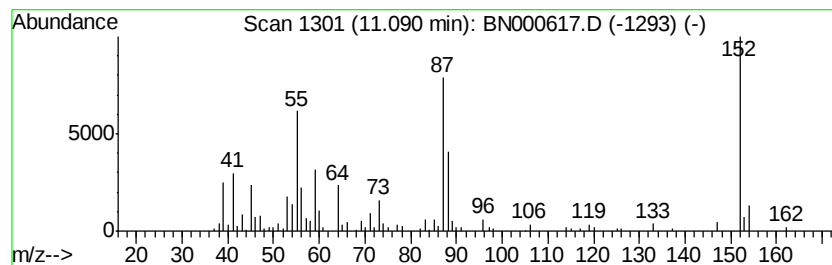
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	5.29 ng/ul	369352	Naphthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	43
2		1,2,5-Trithiepane	152	C4H8S3	006576-93-8	35
3		1,2,4-Trithiolane, 3,5-dimethyl-	152	C4H8S3	023654-92-4	32
4		2-Heptenoic acid, methyl ester	142	C8H14O2	022104-69-4	27
5		Methyl(methyl 4-O-methyl-.alpha....	236	C9H16O7	024916-47-0	27



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
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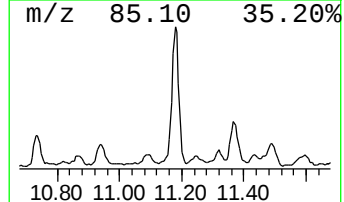
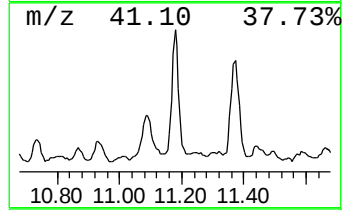
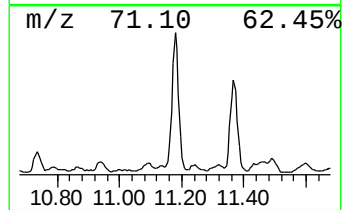
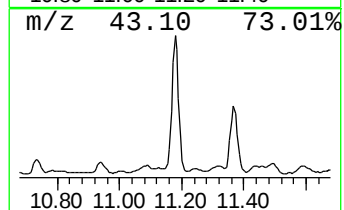
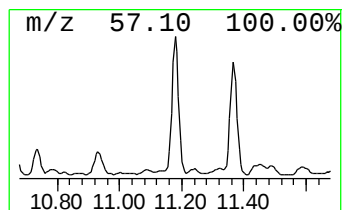
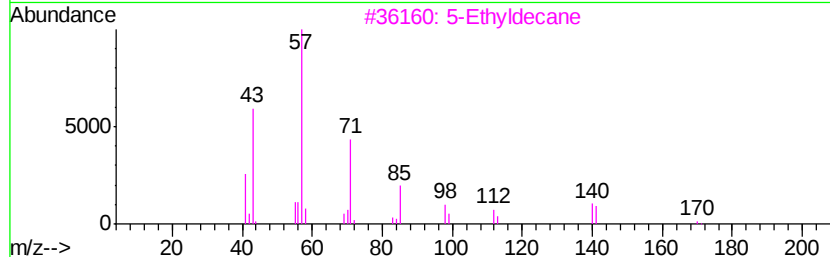
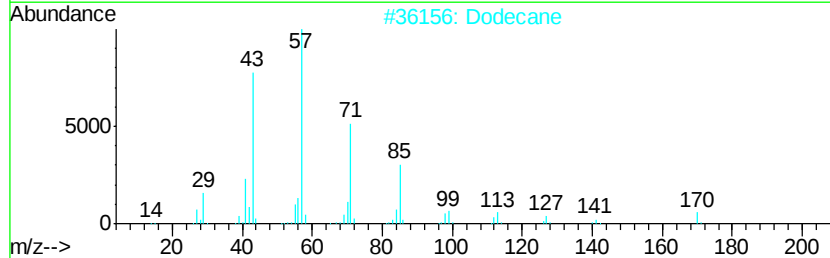
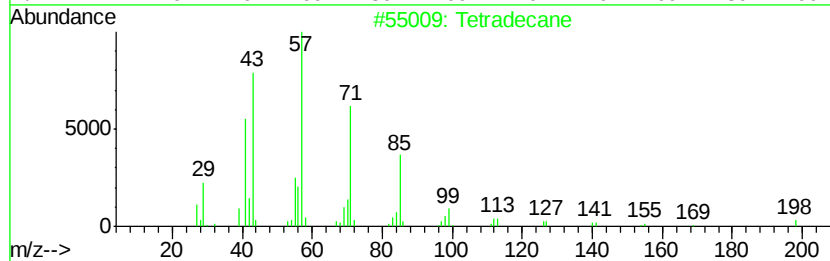
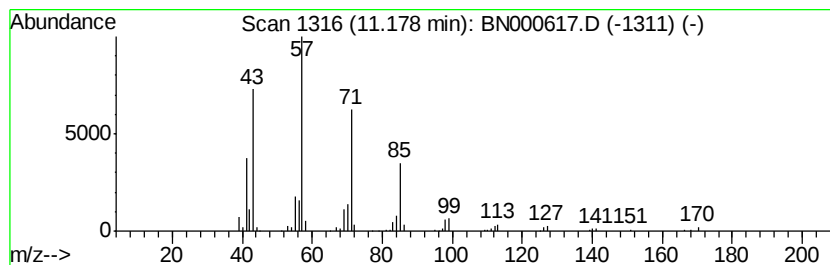
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	5.80 ng/ul	405439	Napthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Dodecane	170	C12H26	000112-40-3	80
3			5-Ethyldecane	170	C12H26	017302-36-2	80
4			Hexadecane	226	C16H34	000544-76-3	78
5			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	78



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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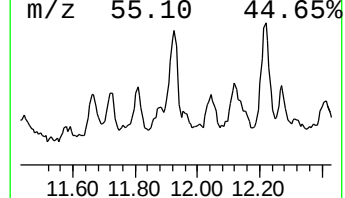
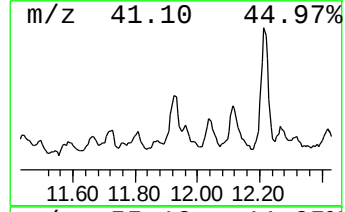
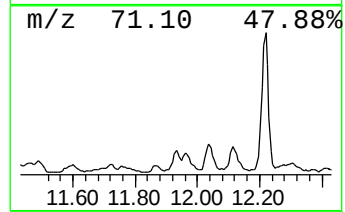
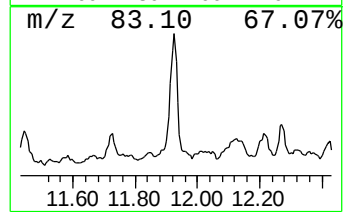
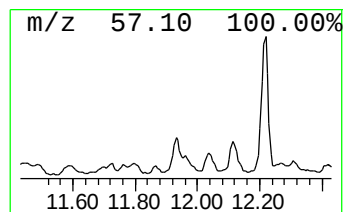
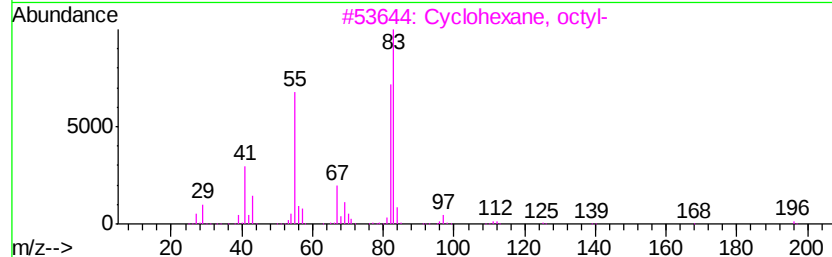
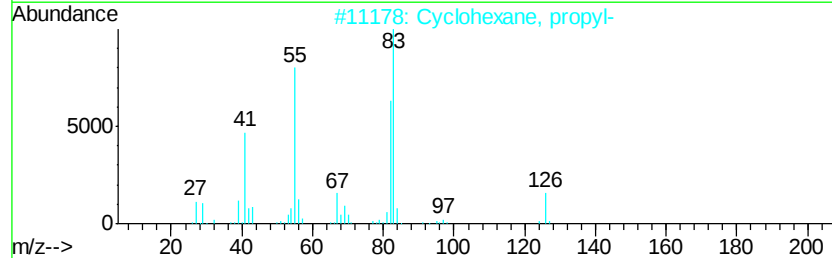
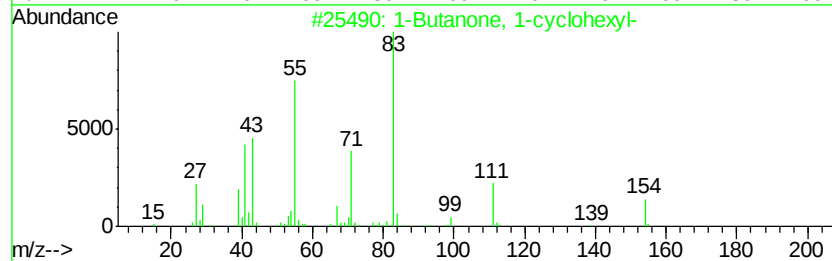
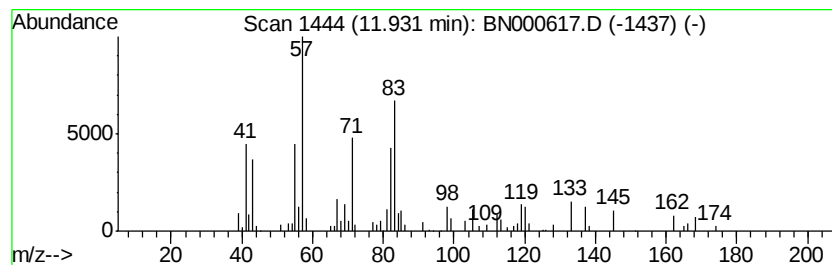
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-03 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.62 ng/ul	183237	Napthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butanone, 1-cvclohexvl-	154	C10H18O	001462-27-7	38
2			Cvclohexane, propyl-	126	C9H18	001678-92-8	38
3			Cvclohexane, octyl-	196	C14H28	001795-15-9	38
4			Cvclohexane, (1-methvlethyl)-	126	C9H18	000696-29-7	38
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	38



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

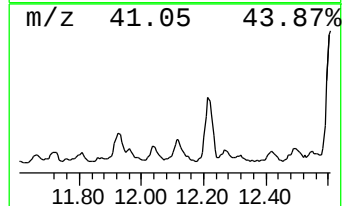
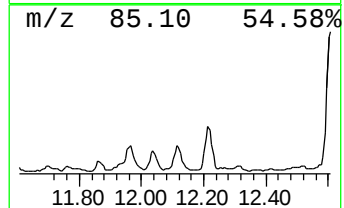
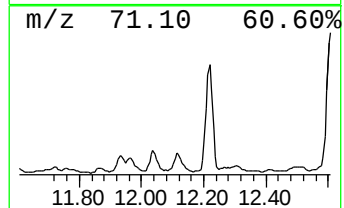
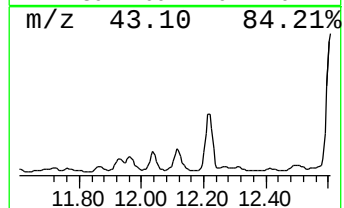
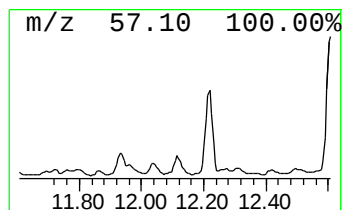
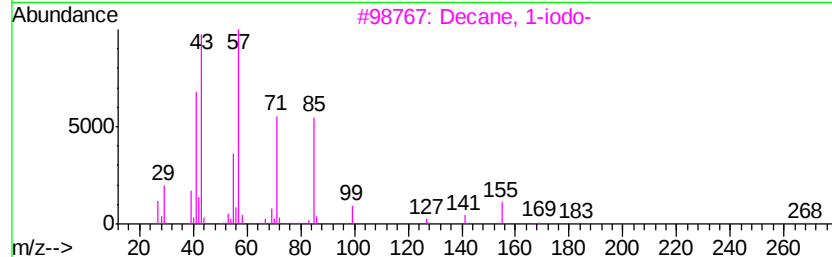
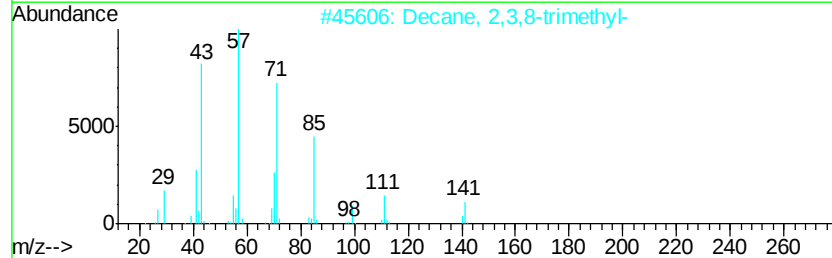
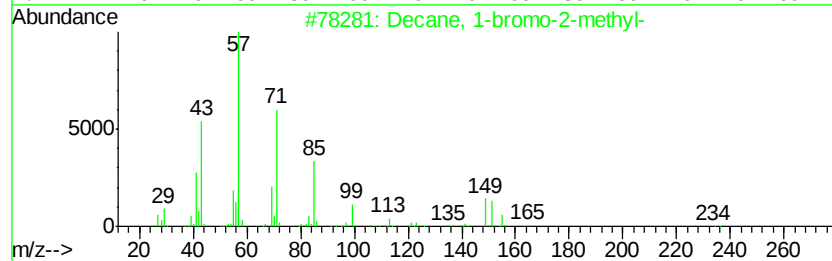
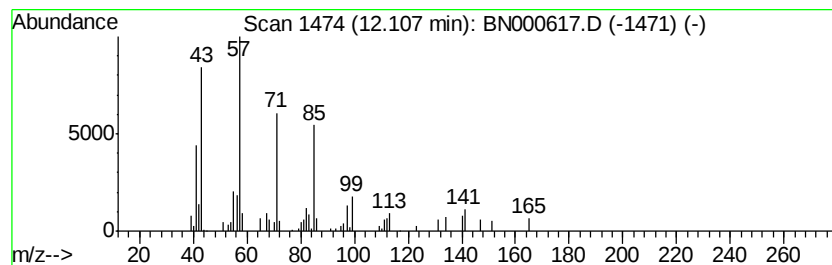
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Decane, 1-bromo-2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.26 ng/ul	158149	Naphthalene-d8	11.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8 59
2	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6 59
3	Decane, 1-iodo-	268	C10H21I	002050-77-3 59
4	Tetradecane	198	C14H30	000629-59-4 59
5	Undecane, 3-methyl-	170	C12H26	001002-43-3 53



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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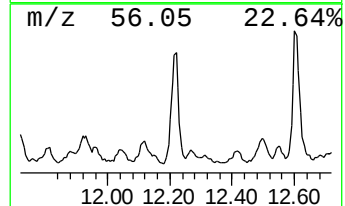
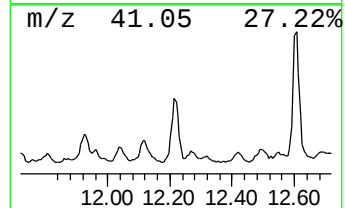
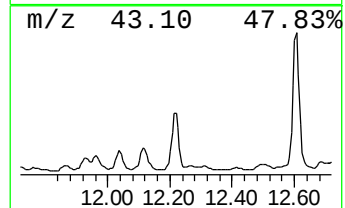
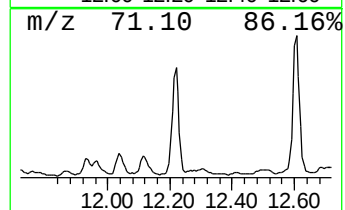
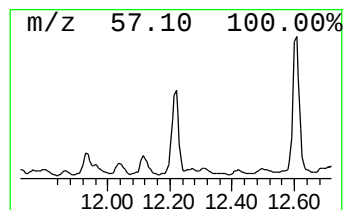
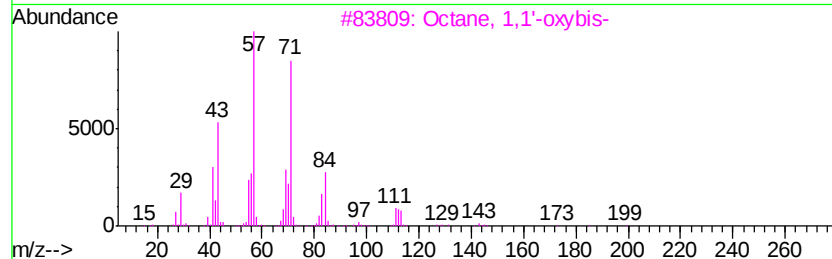
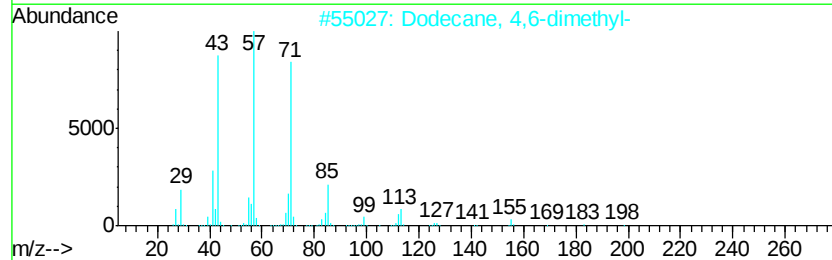
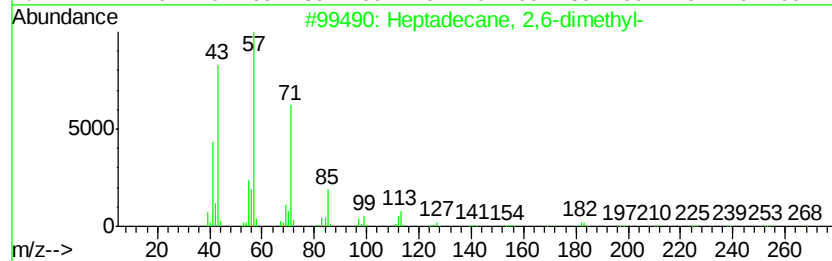
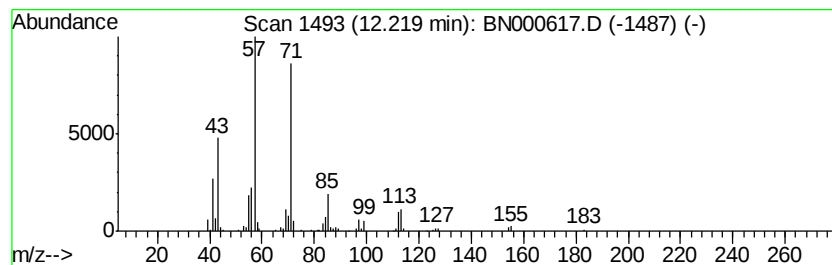
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	5.01 ng/ul	349738	Napthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	78
3			Octane, 1,1'-oxvbis-	242	C16H34O	000629-82-3	64
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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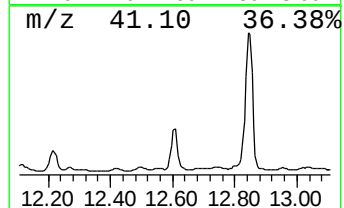
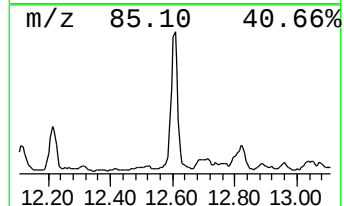
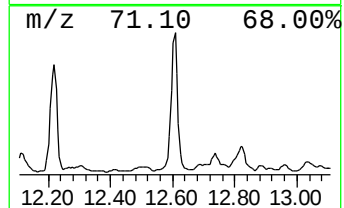
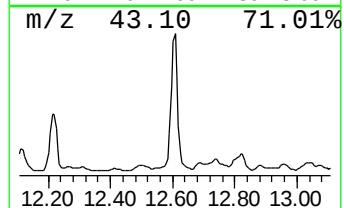
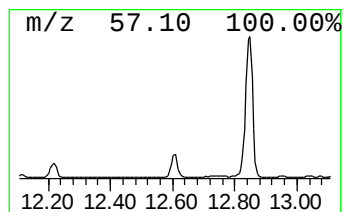
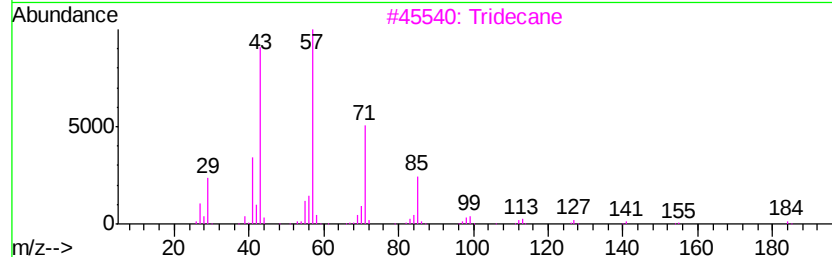
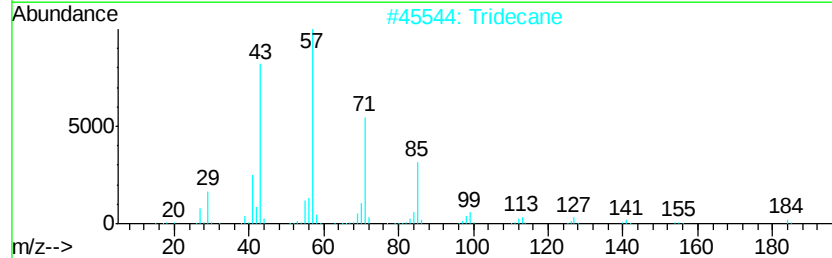
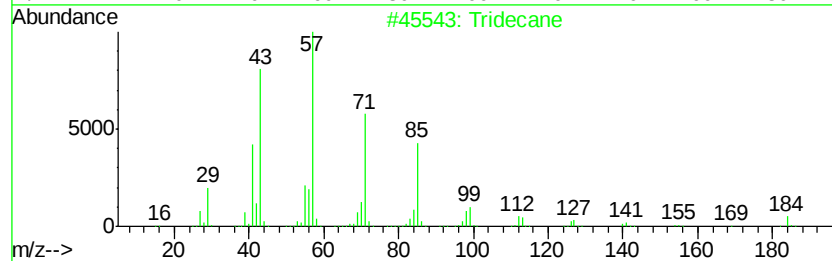
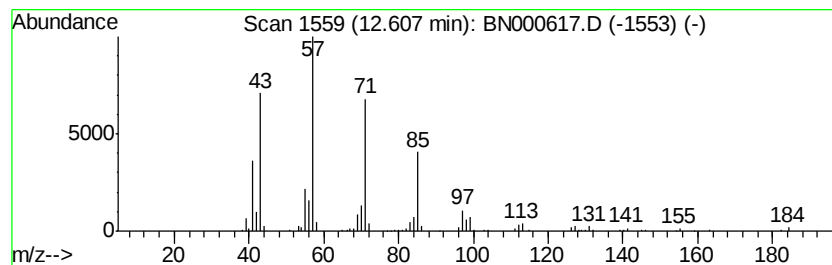
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	8.39 ng/ul	586084	Napthalene-d8	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			Tridecane	184	C13H28	000629-50-5	81
3			Tridecane	184	C13H28	000629-50-5	81
4			Hexadecane	226	C16H34	000544-76-3	80
5			Octacosane	394	C28H58	000630-02-4	78



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
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Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

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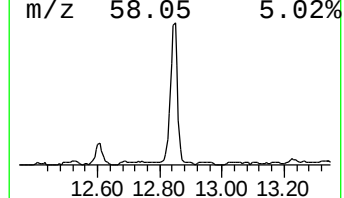
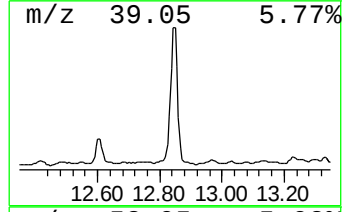
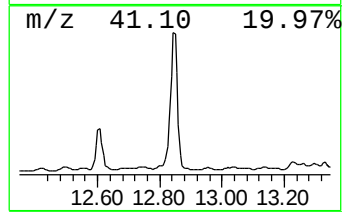
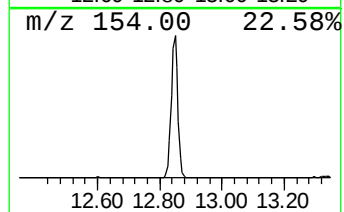
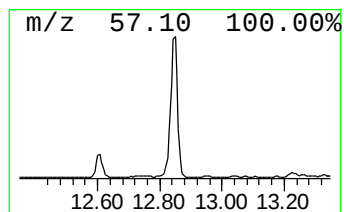
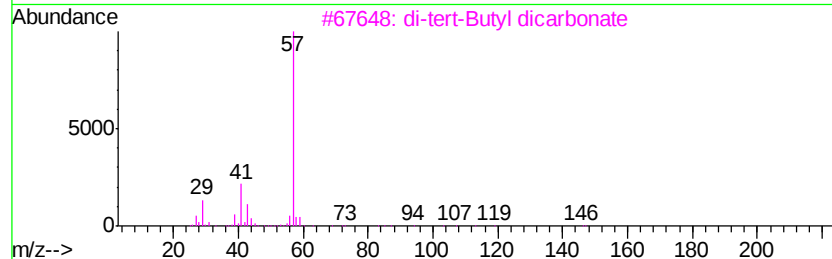
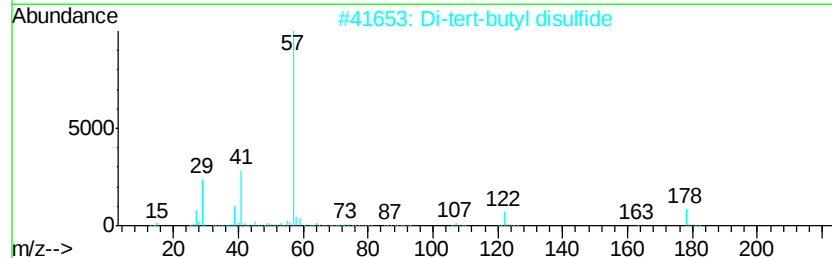
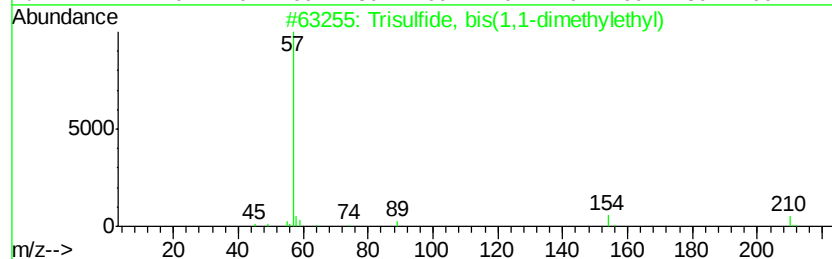
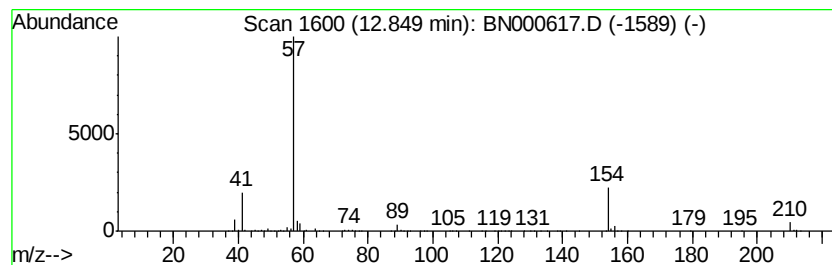
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	22.29 ng/ul	1557430	Napthalene-d8	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trisulfide, bis(1,1-dimethylethyl)	210	C8H18S3	004253-90-1	46
2		Di-tert-butyl disulfide	178	C8H18S2	000110-06-5	25
3		di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	10
4		di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	10
5		Disulfide, 1,1-dimethylethyl ethyl	150	C6H14S2	004151-69-3	9



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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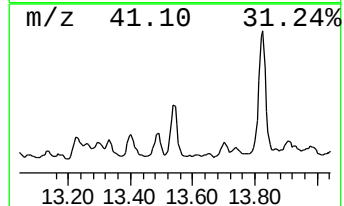
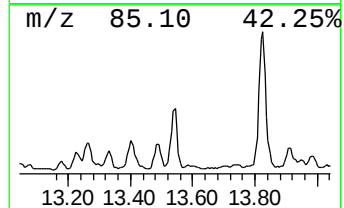
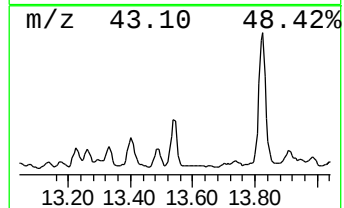
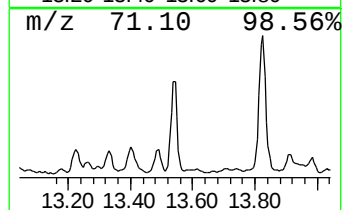
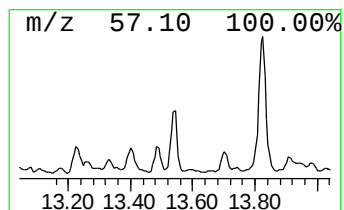
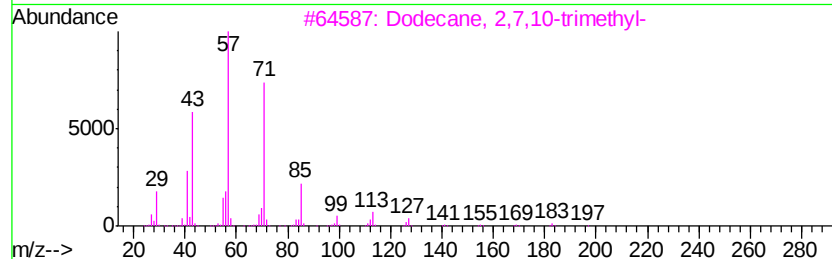
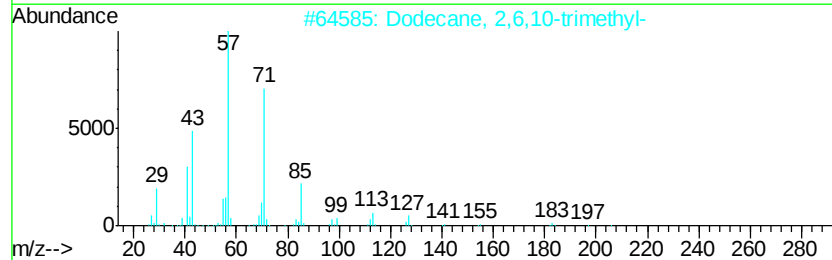
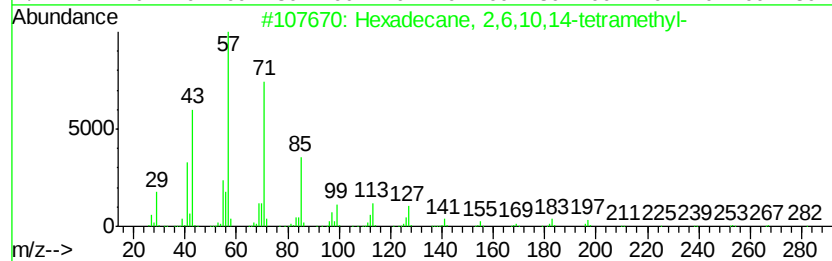
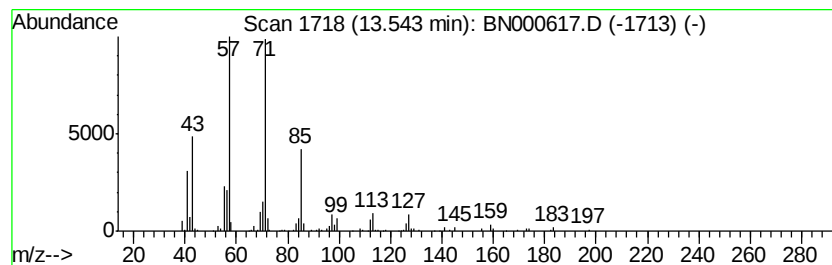
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	3.26 ng/ul	327991	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
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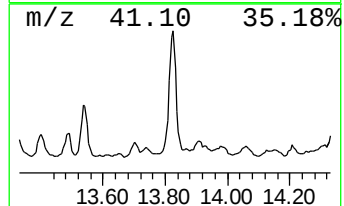
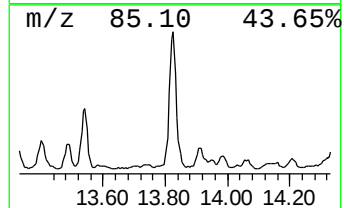
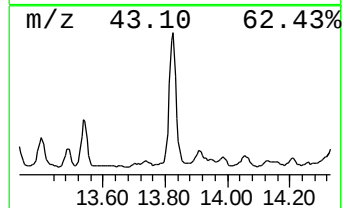
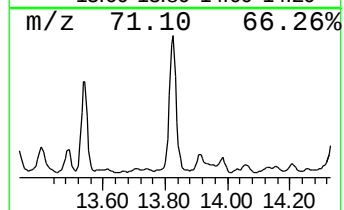
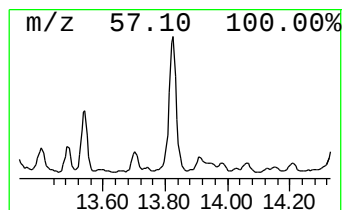
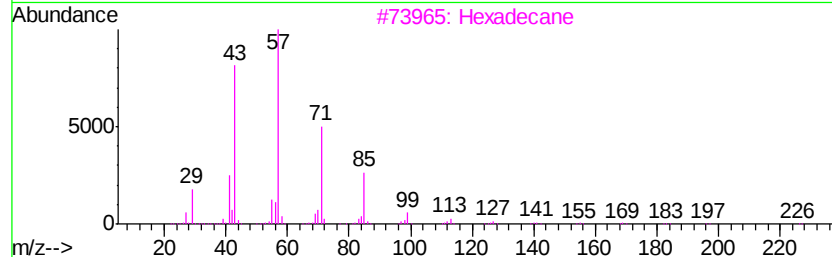
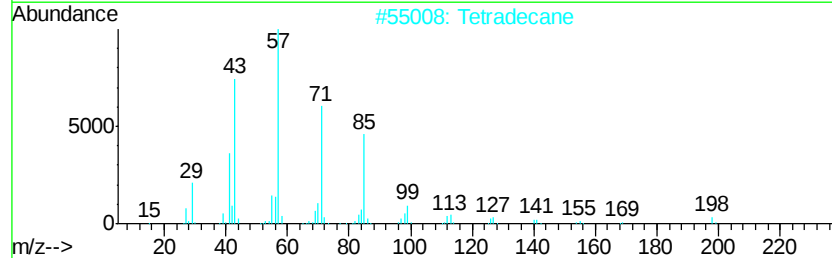
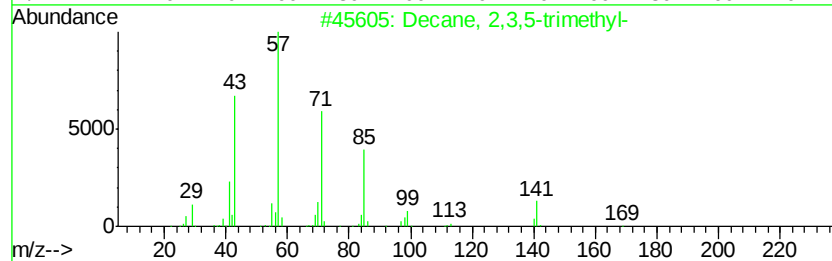
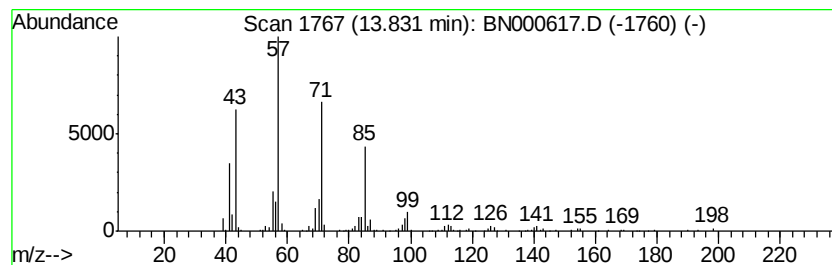
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.92 ng/ul	695059	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2			Tetradecane	198	C14H30	000629-59-4	80
3			Hexadecane	226	C16H34	000544-76-3	72
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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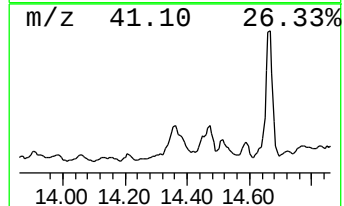
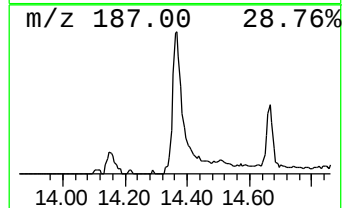
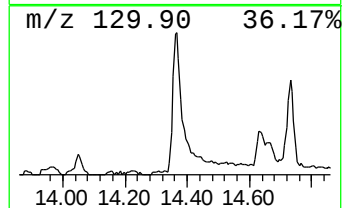
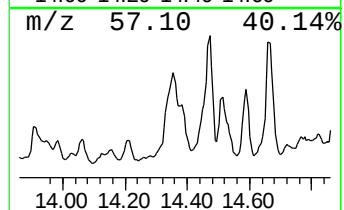
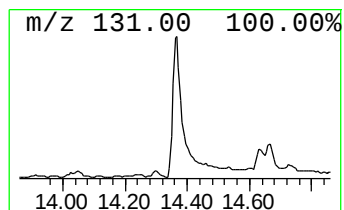
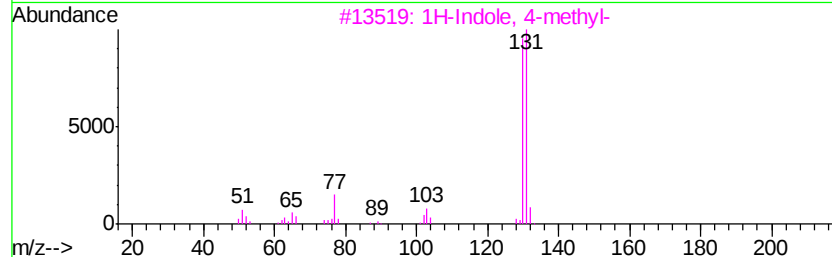
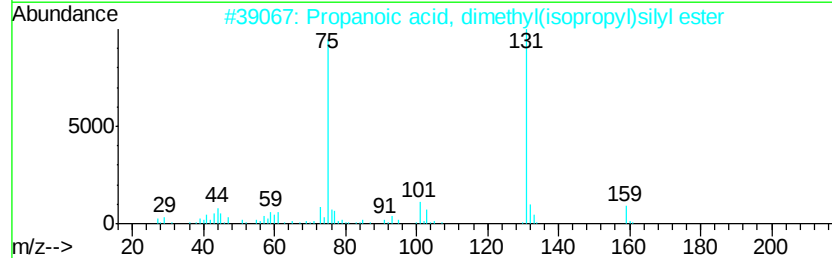
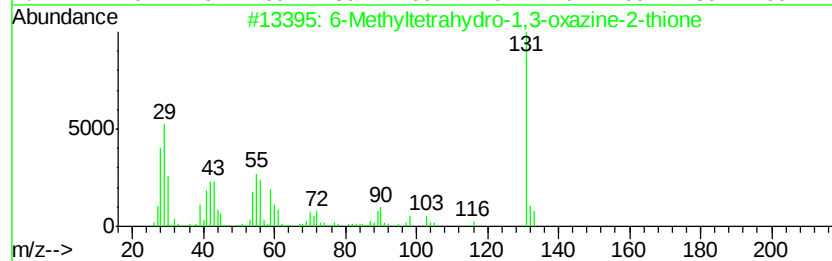
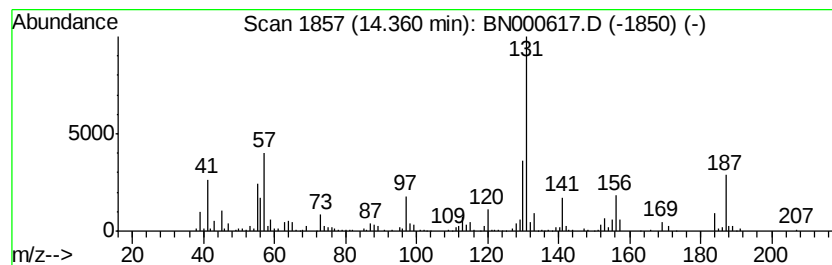
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown-05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	6.18 ng/ul	620841	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Methyltetrahydro-1,3-oxazine-2...	131	C5H9NOS	085333-94-4	17
2			Propanoic acid, dimethyl(isoprop...	174	C8H18O2Si	1000279-45-8	17
3			1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	12
4			1H-Indole, 7-methyl-	131	C9H9N	000933-67-5	12
5			1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	9



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COABORE

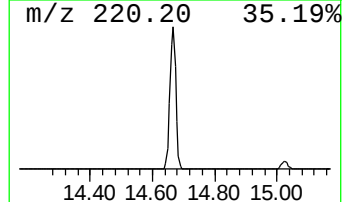
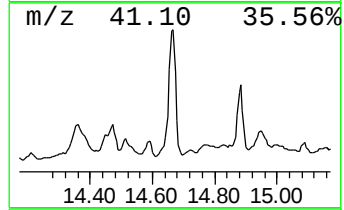
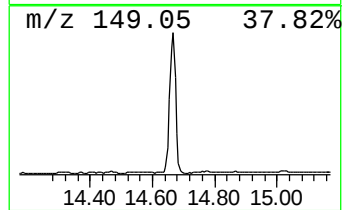
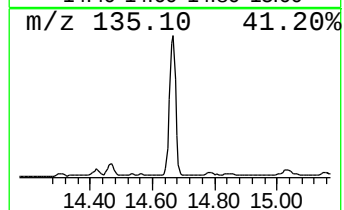
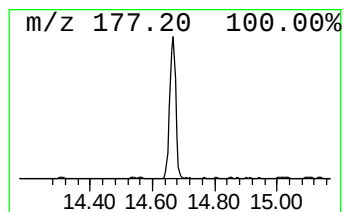
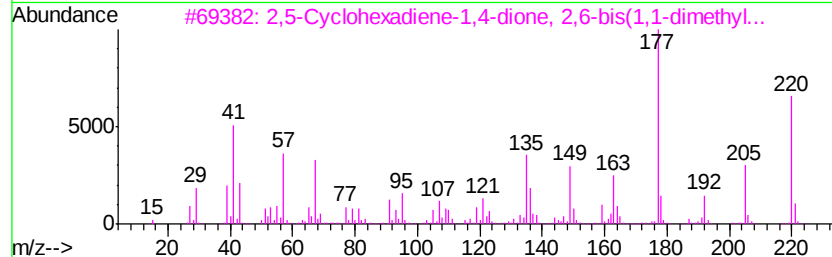
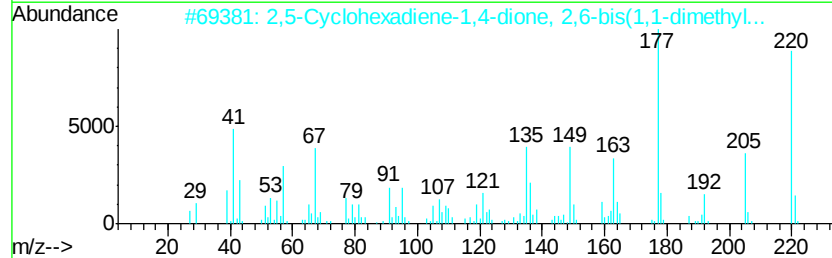
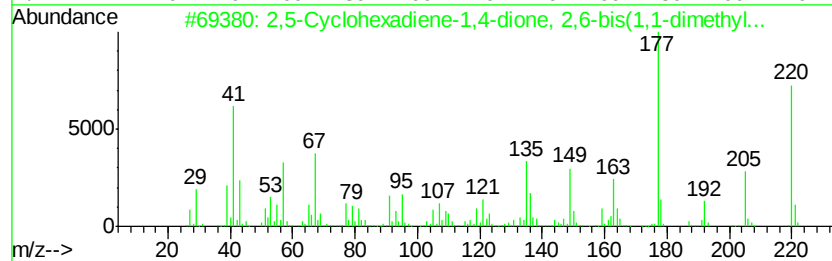
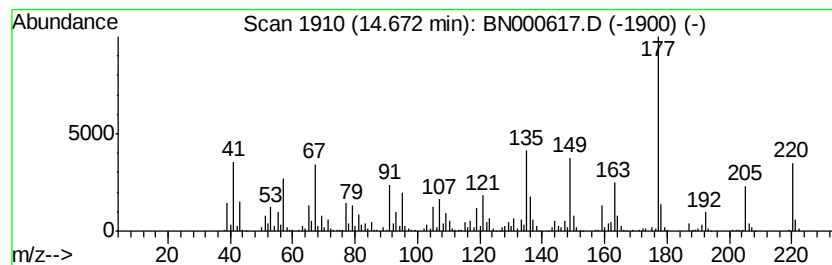
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	18.39 ng/ul	1847780	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	99
2		2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	99
3		2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	98
4		2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	49
5		1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	46



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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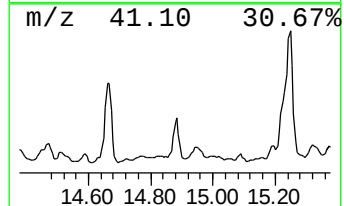
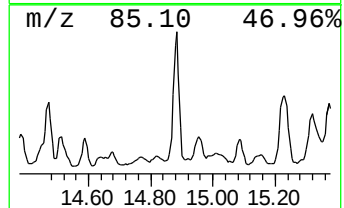
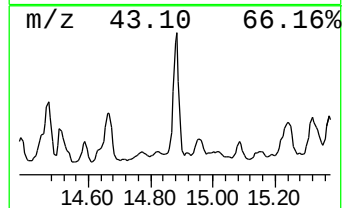
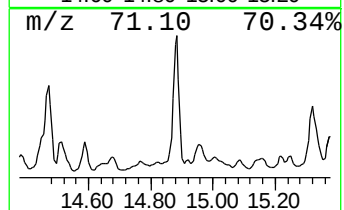
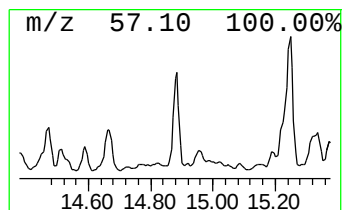
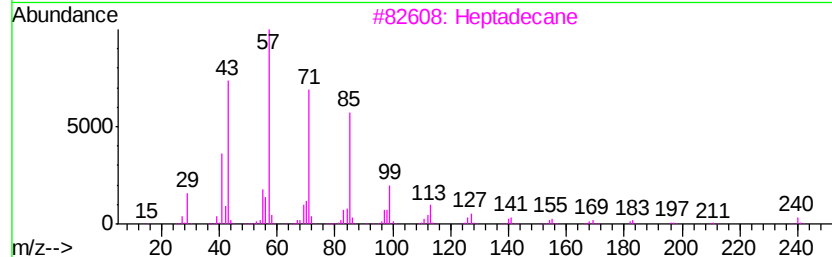
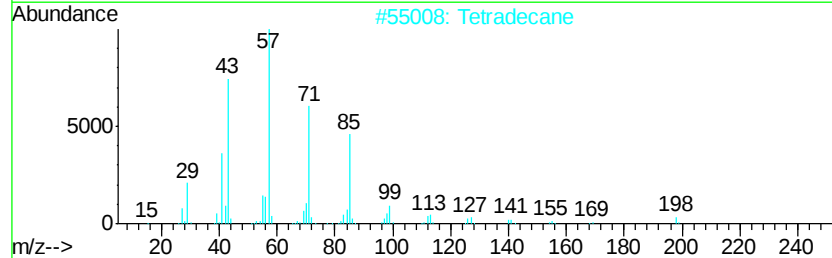
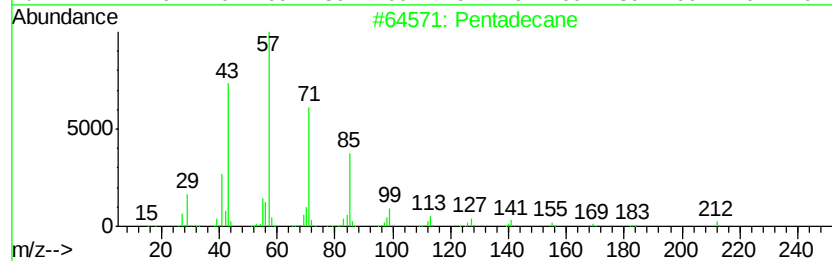
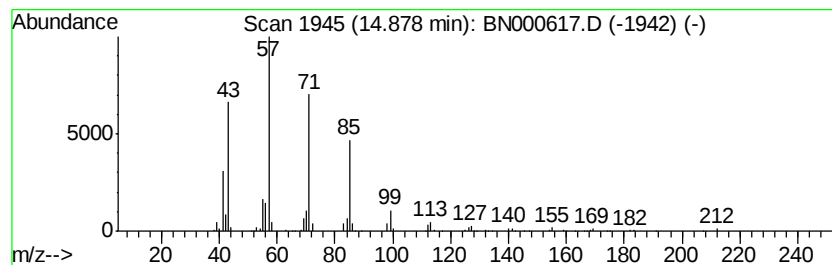
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	4.55 ng/ul	457394	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Tetradecane	198	C14H30	000629-59-4	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	83



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

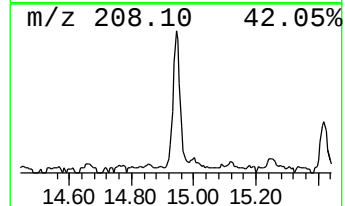
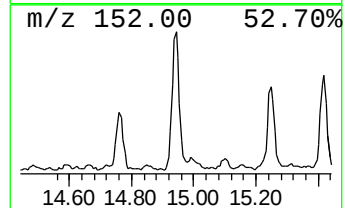
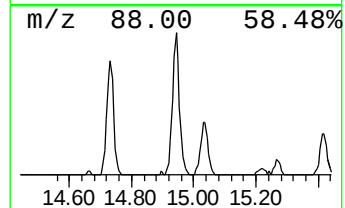
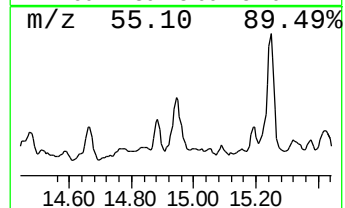
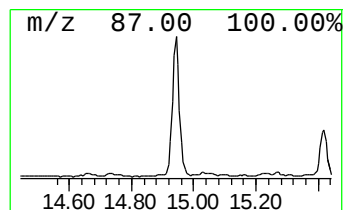
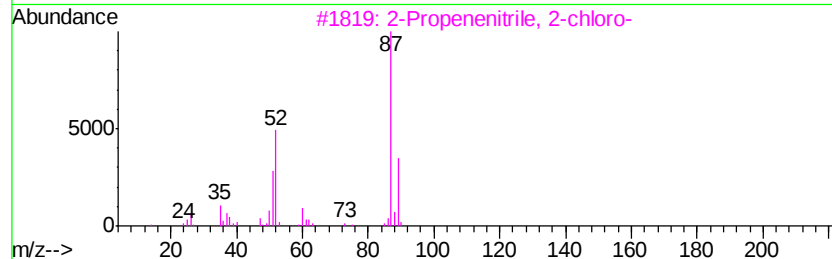
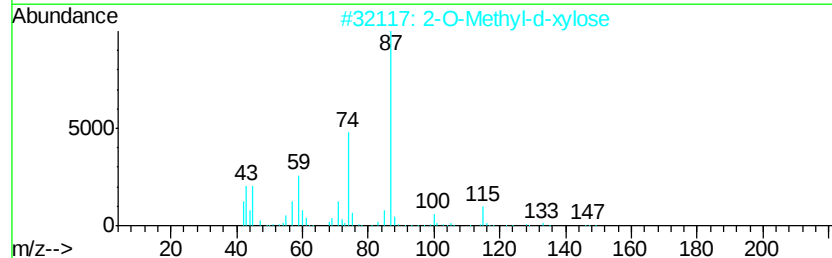
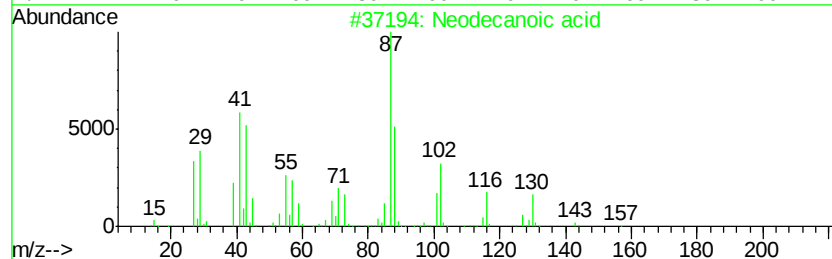
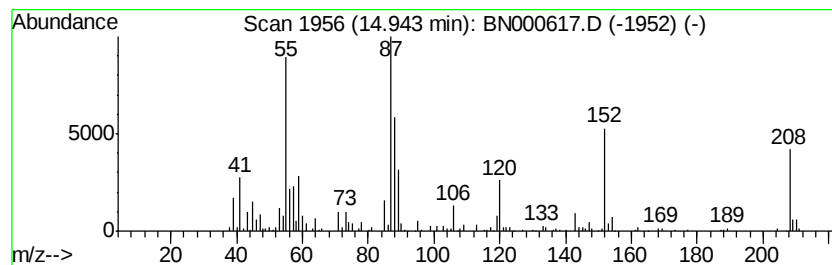
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown-06 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	3.26 ng/ul	327210	Acenaphthene-d10	15.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Neodecanoic acid	172 C10H20O2	026896-20-8 23
2		2-O-Methyl-d-xylose	164 C6H12O5	1000130-01-3 22
3		2-Propenenitrile, 2-chloro-	87 C3H2ClN	000920-37-6 22
4		1,3-Dioxolane-2-propanal, 2-methyl-	144 C7H12O3	024108-29-0 14
5		6-(Methylthio)hex-5-en-3-ol	146 C7H14OS	053634-85-8 14



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COABORE

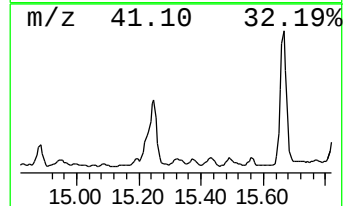
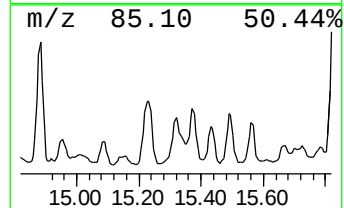
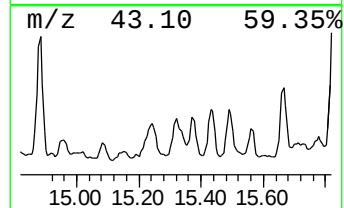
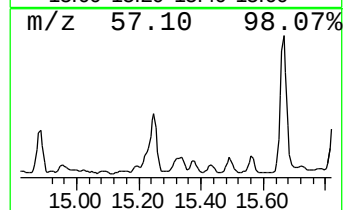
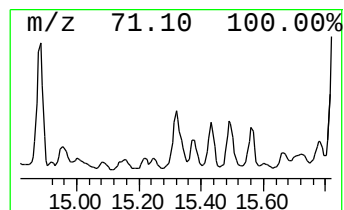
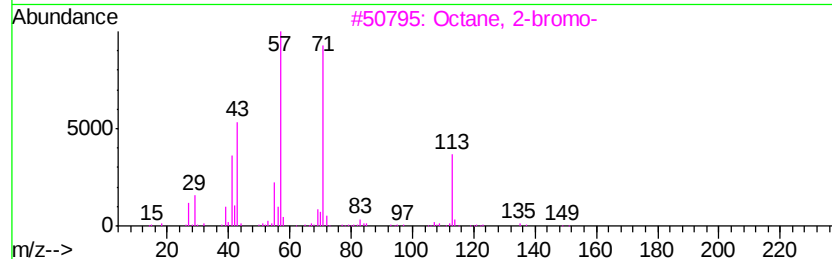
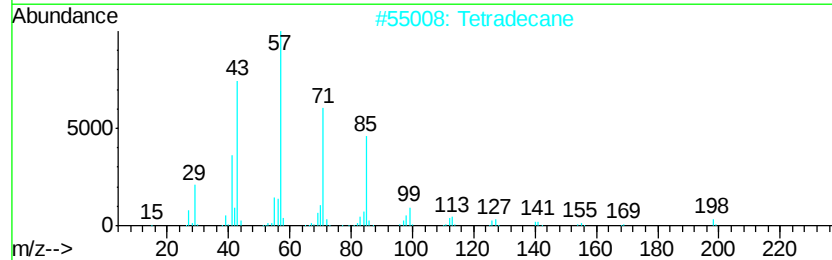
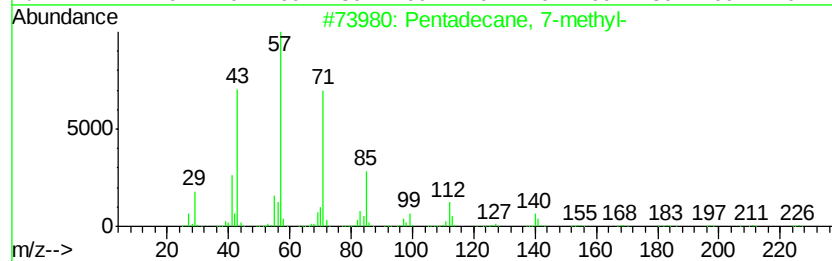
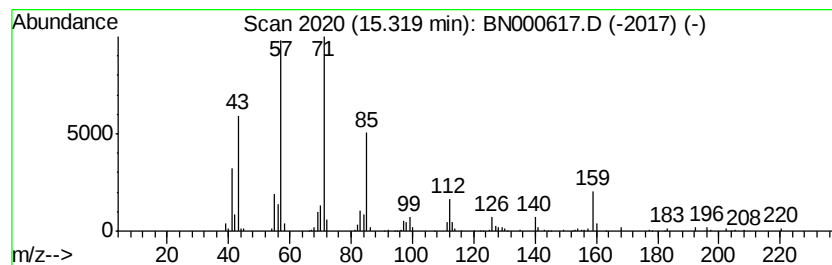
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	2.63 ng/ul	264529	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	58
2			Tetradecane	198	C14H30	000629-59-4	46
3			Octane, 2-bromo-	192	C8H17Br	000557-35-7	43
4			Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	43
5			1-Decene, 4-methyl-	154	C11H22	013151-29-6	38



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

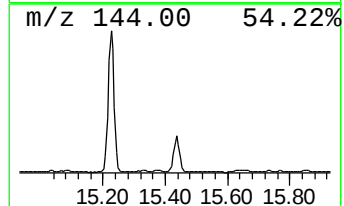
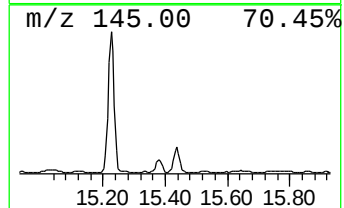
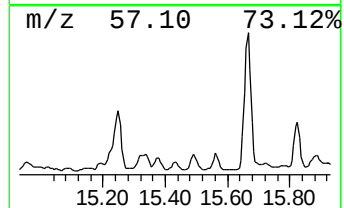
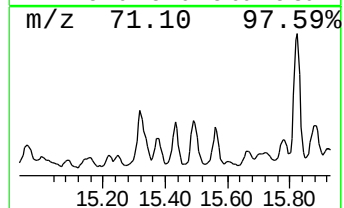
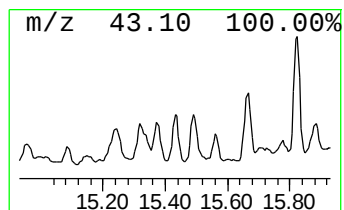
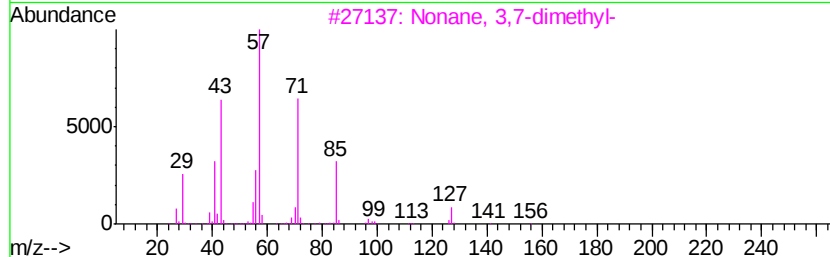
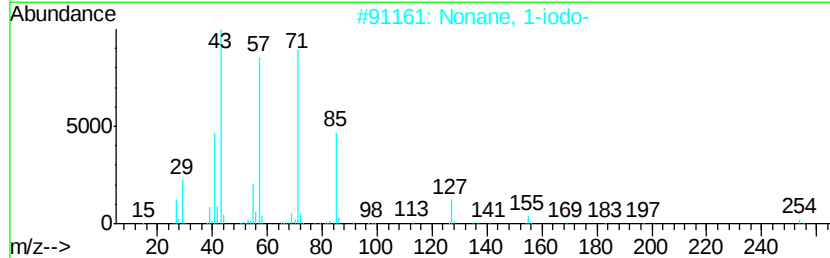
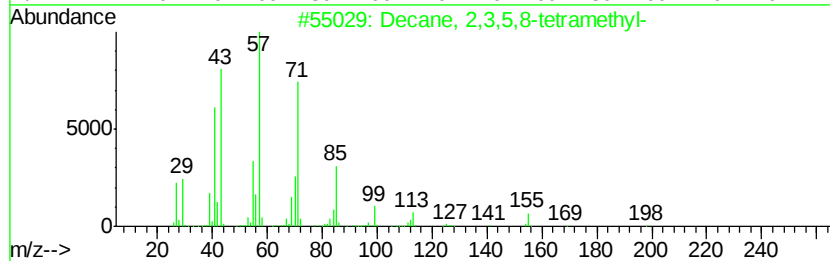
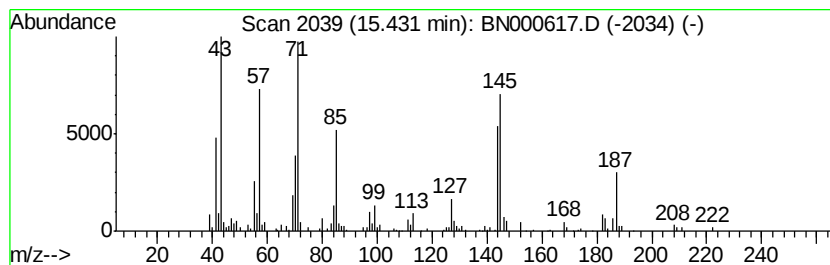
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.43	3.63 ng/ul	364447	Acenaphthene-d10	15.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	43
2	Nonane, 1-iodo-	254	C9H19I	004282-42-2	38
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	35
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	27
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	27



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COABORE

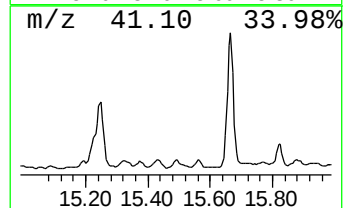
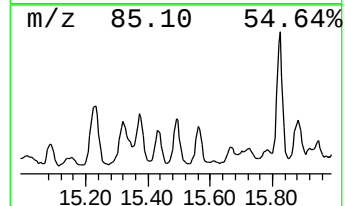
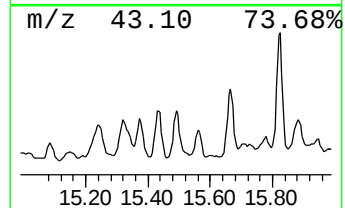
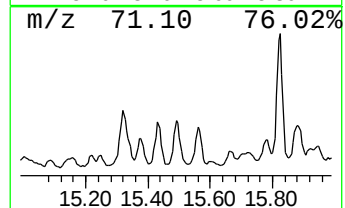
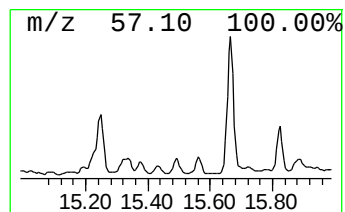
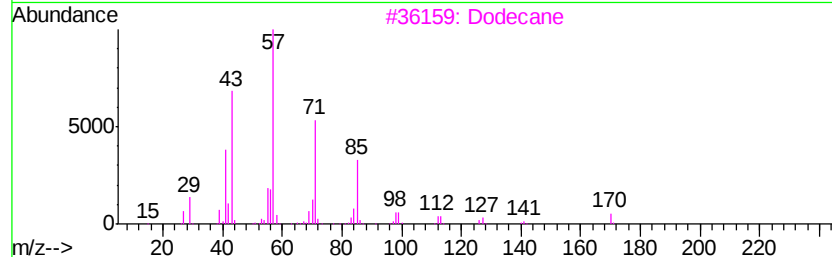
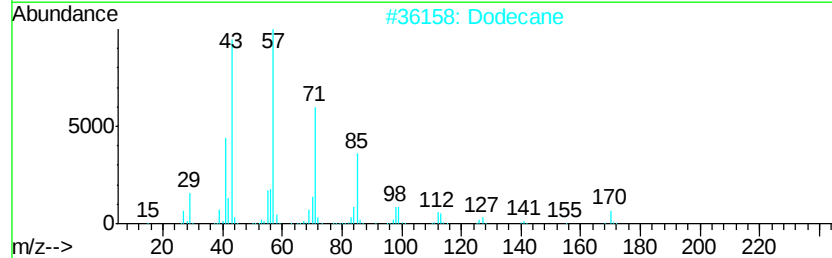
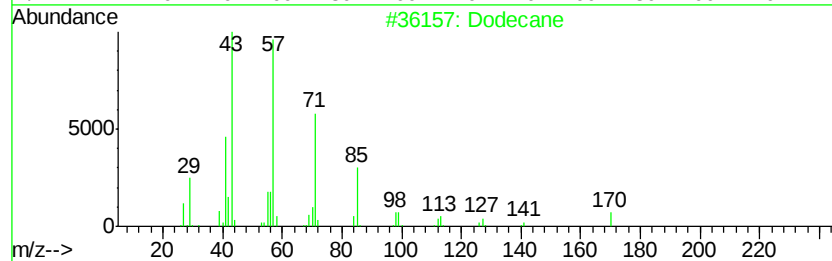
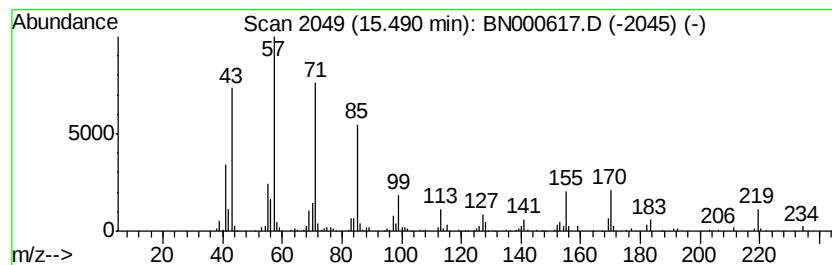
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.60 ng/ul	261605	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	81
2		Dodecane	170	C12H26	000112-40-3	81
3		Dodecane	170	C12H26	000112-40-3	74
4		Dodecane	170	C12H26	000112-40-3	72
5		Hexadecane	226	C16H34	000544-76-3	68



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COABORE

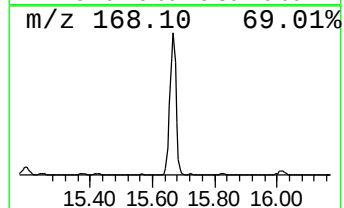
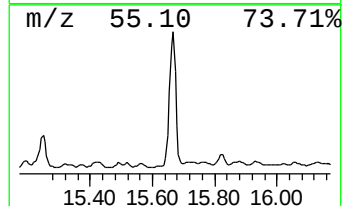
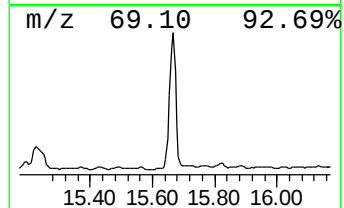
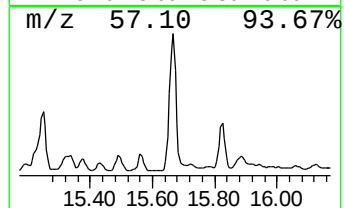
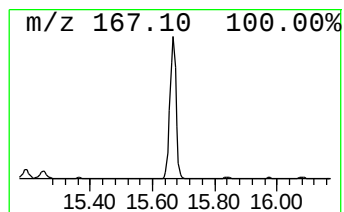
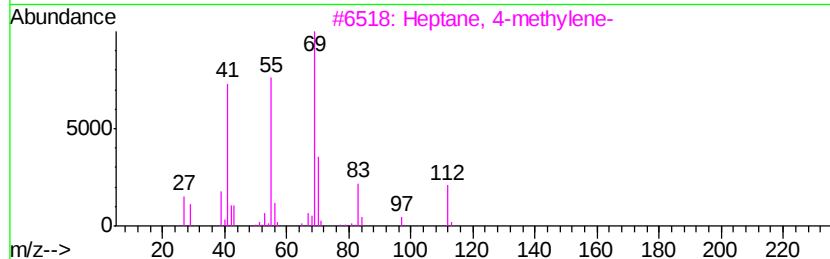
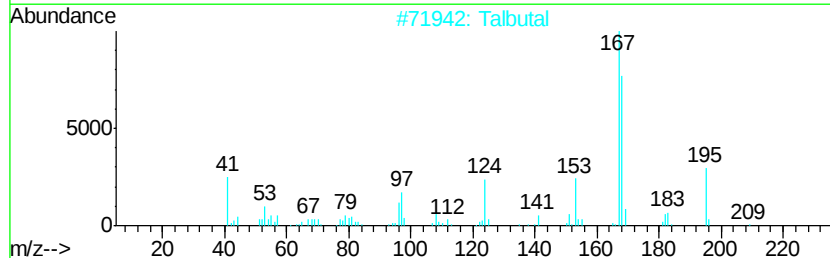
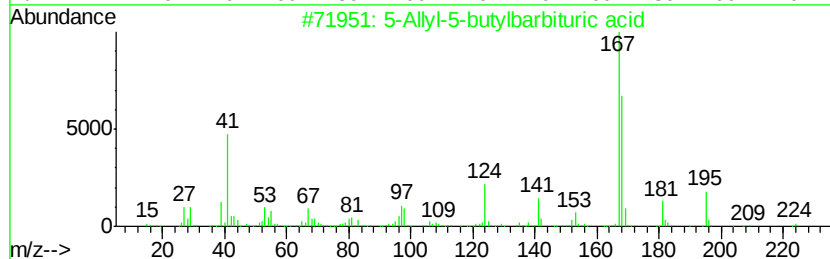
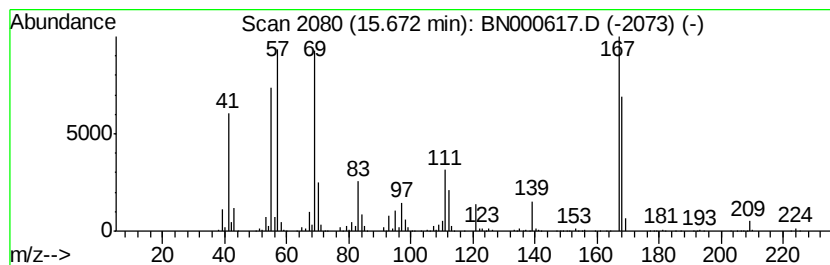
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 unknown-07 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	30.56 ng/ul	3071610	Acenaphthene-d10	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Allyl-5-butylbarbituric acid	224	C11H16N2O3	003146-66-5	30
2		Talbutal	224	C11H16N2O3	000115-44-6	27
3		Heptane, 4-methylene-	112	C8H16	015918-08-8	25
4		3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	25
5		2-Hexene, 2,5-dimethyl-	112	C8H16	003404-78-2	22



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COABORE

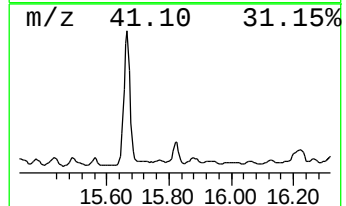
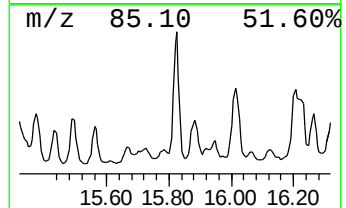
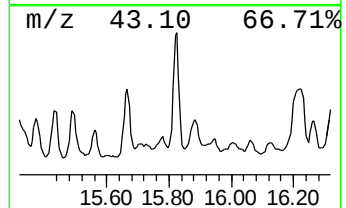
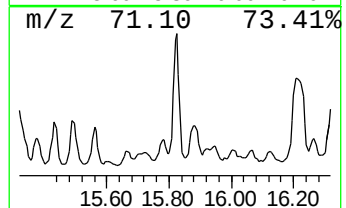
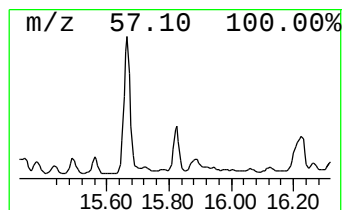
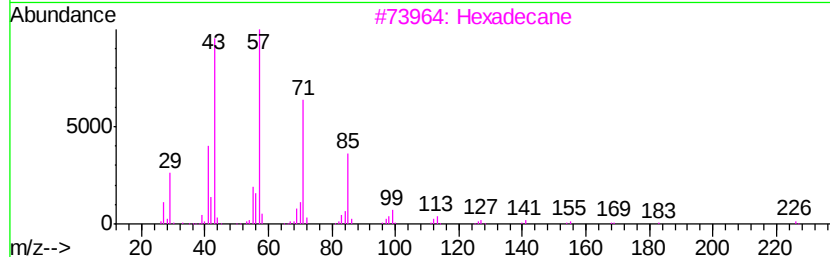
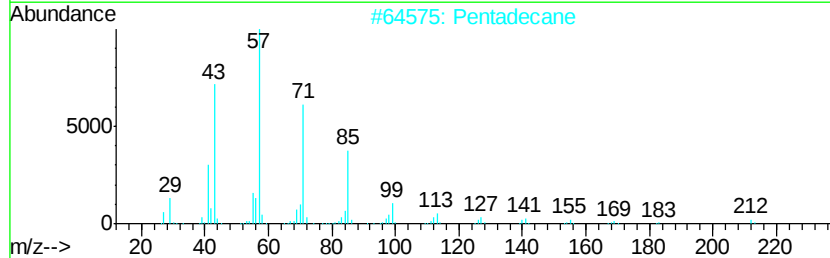
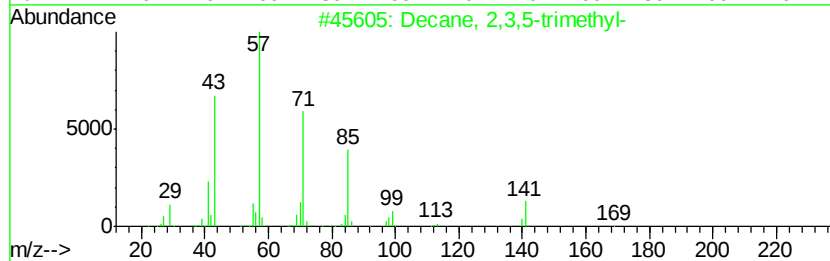
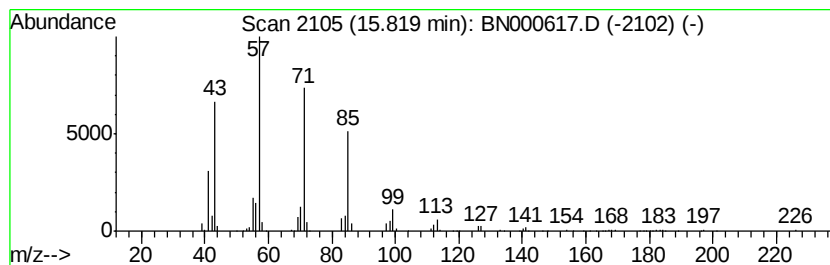
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	5.07 ng/ul	509908	Acenaphthene-d10	15.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2			Pentadecane	212	C15H32	000629-62-9	86
3			Hexadecane	226	C16H34	000544-76-3	68
4			Hexadecane	226	C16H34	000544-76-3	64
5			Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

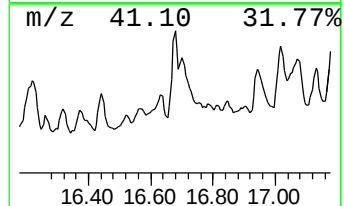
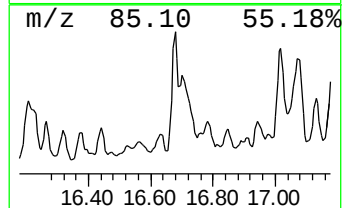
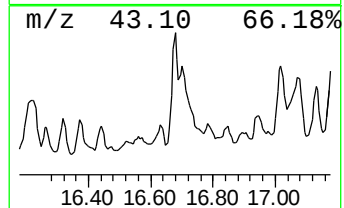
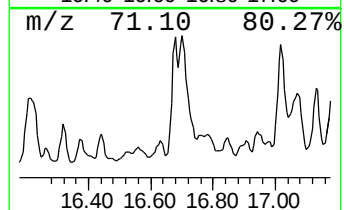
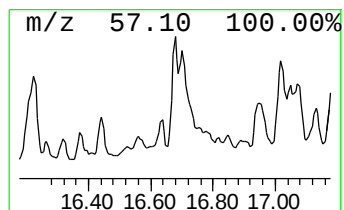
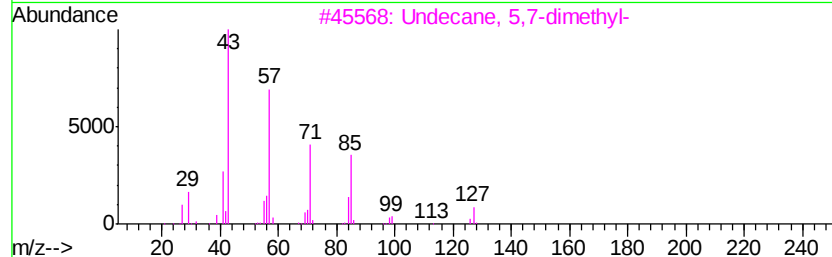
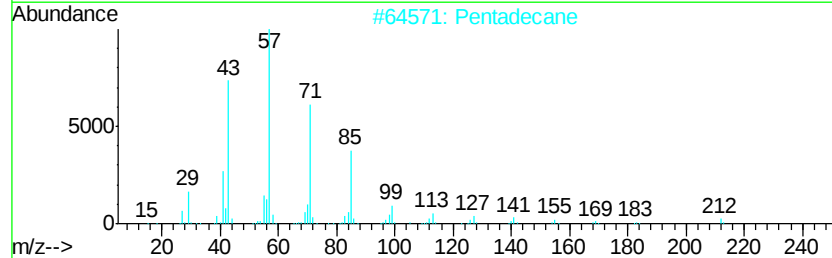
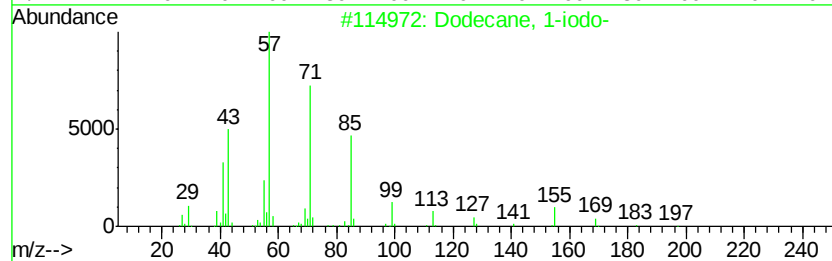
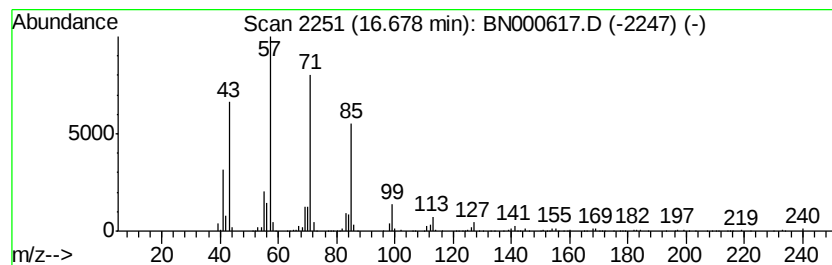
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Dodecane, 1-iodo- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.68	3.98 ng/ul	595361	Phenanthrene-d10	17.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2	Pentadecane	212	C15H32	000629-62-9	80
3	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	80
4	Eicosane	282	C20H42	000112-95-8	80
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	72



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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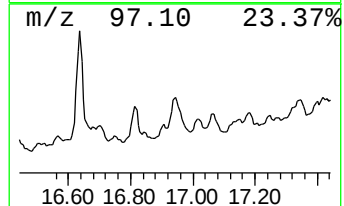
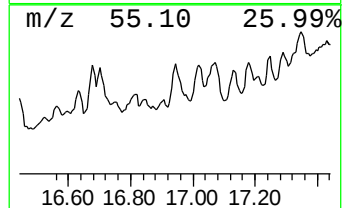
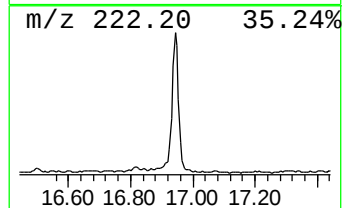
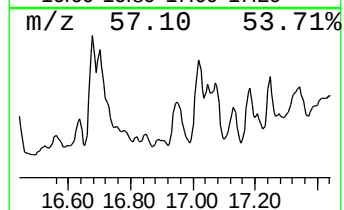
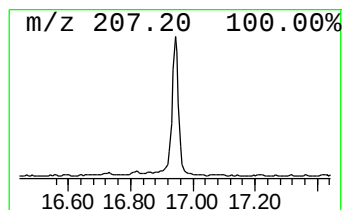
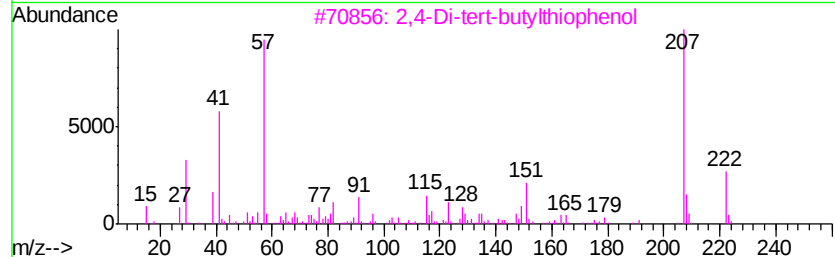
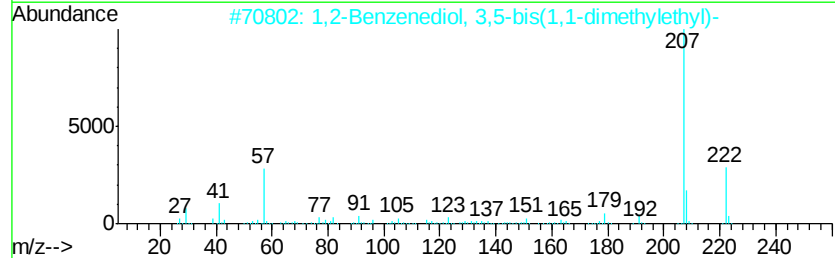
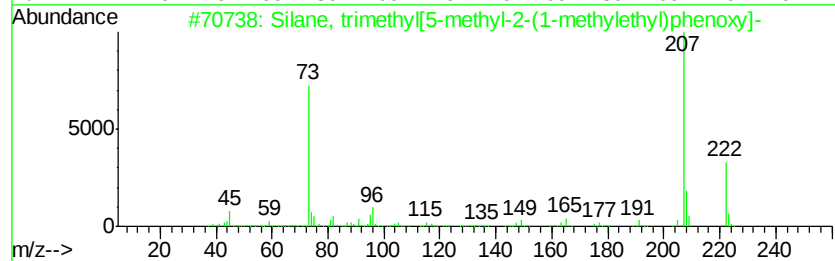
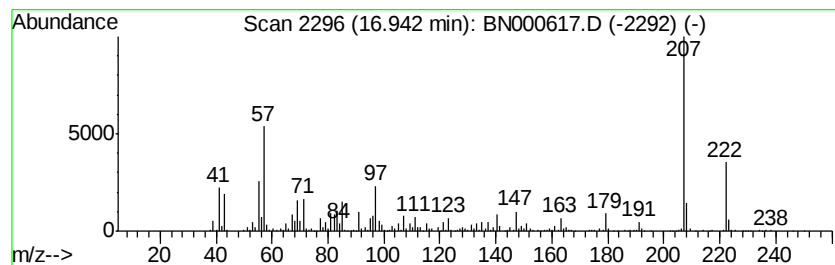
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Silane, trimethyl[5-methyl-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	5.05 ng/ul	754467	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, trimethyl[5-methyl-2-(1-...	222	C13H22OSi	055012-80-1	70
2			1,2-Benzenediol, 3,5-bis(1,1-dim...	222	C14H22O2	001020-31-1	70
3			2,4-Di-tert-butylthiophenol	222	C14H22S	019728-43-9	58
4			1,4-Benzenediol, 2,6-bis(1,1-dim...	222	C14H22O2	002444-28-2	58
5			5,6,7-Trimethoxy-1-indanone	222	C12H14O4	038472-90-1	53



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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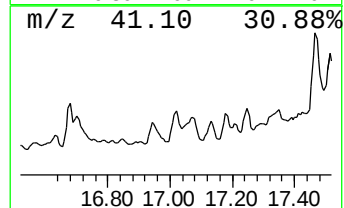
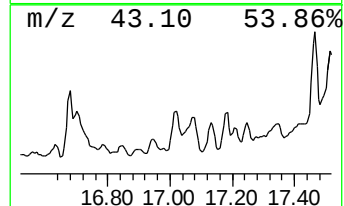
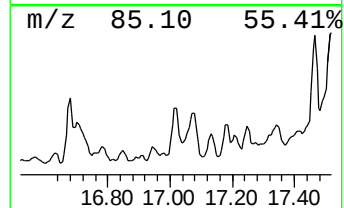
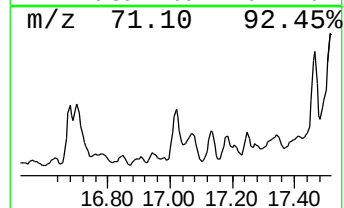
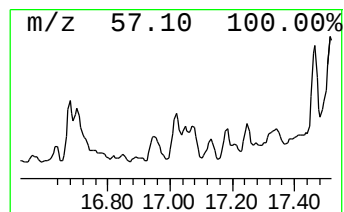
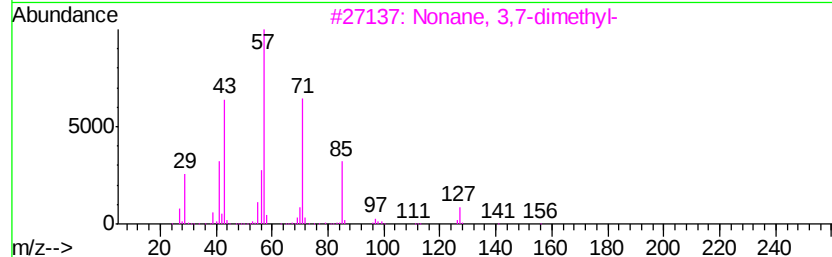
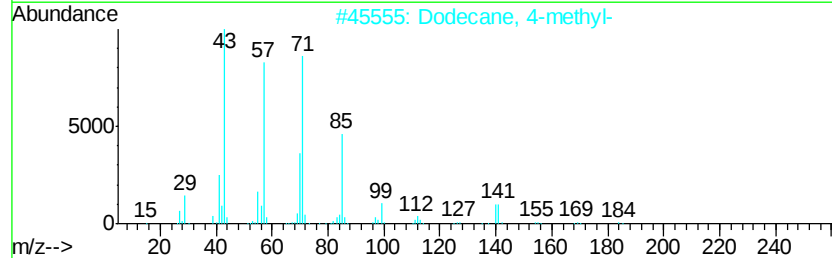
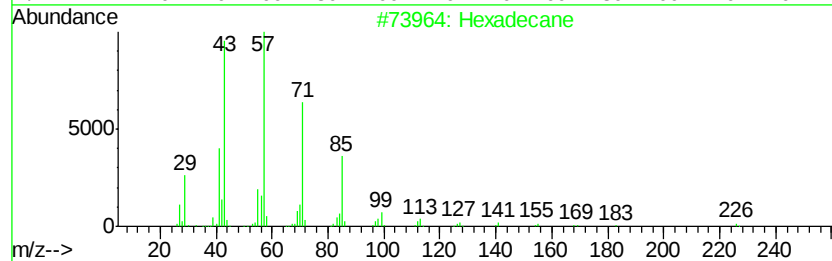
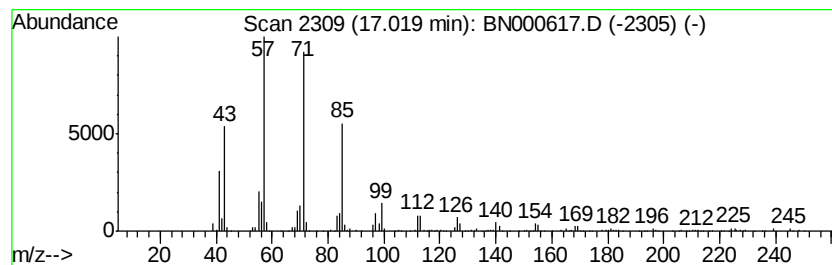
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	3.77 ng/ul	563510	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
4		Decane, 5-propyl-	184	C13H28	017312-62-8	64
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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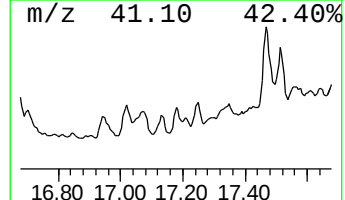
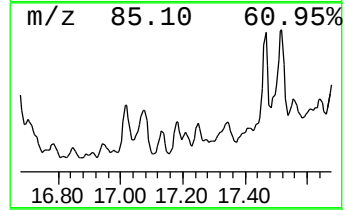
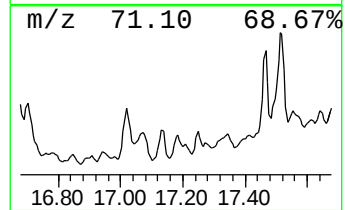
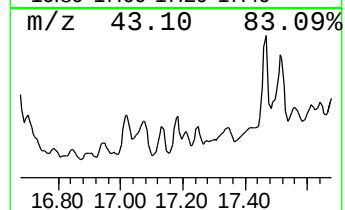
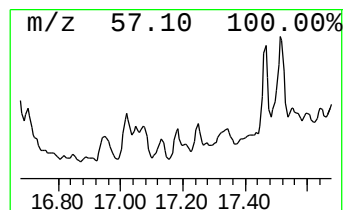
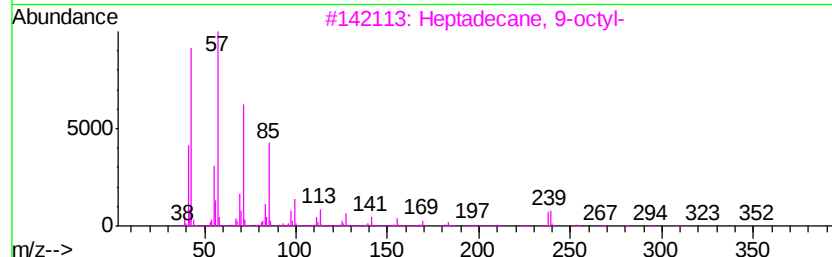
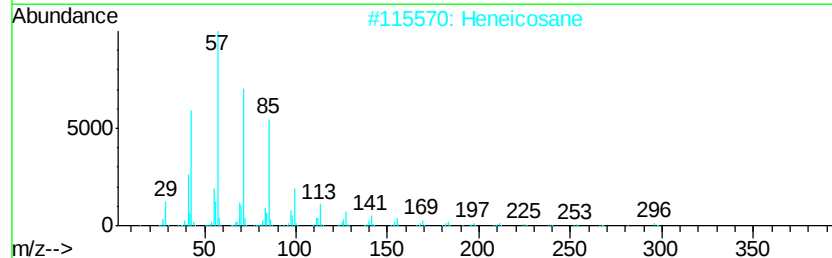
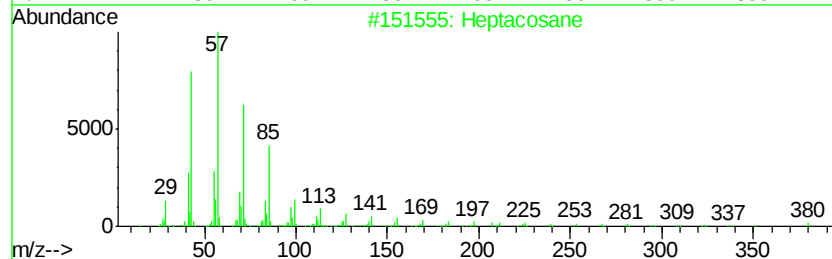
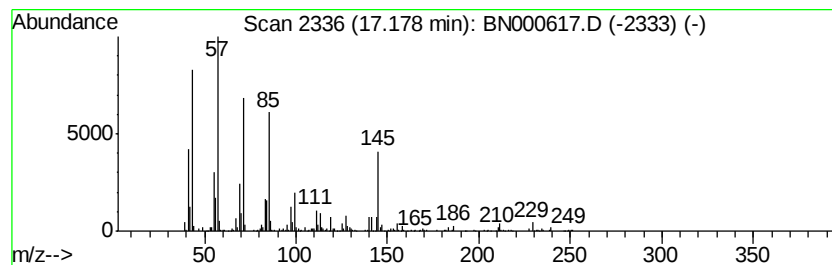
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	2.69 ng/ul	401438	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	76
2			Heneicosane	296	C21H44	000629-94-7	74
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72
4			Pentadecane	212	C15H32	000629-62-9	68
5			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	68



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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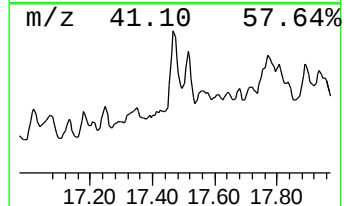
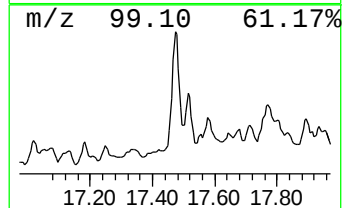
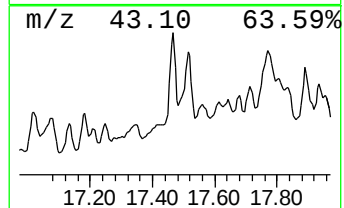
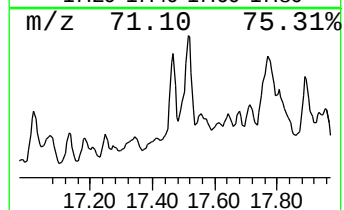
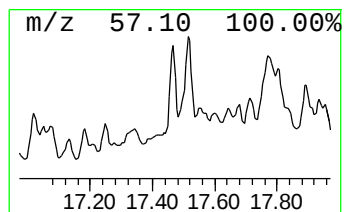
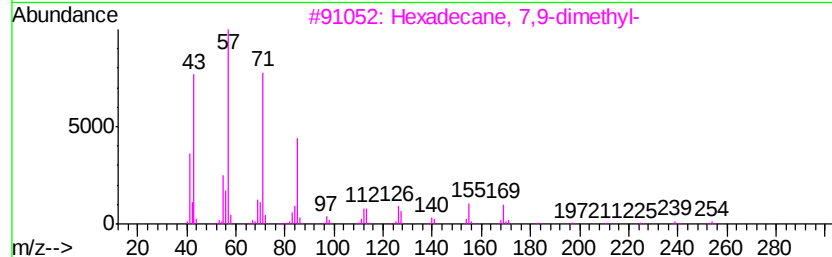
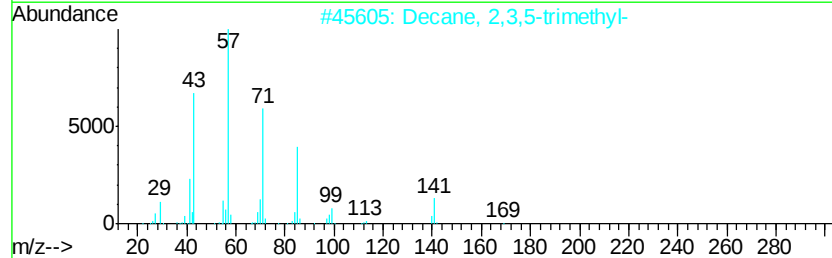
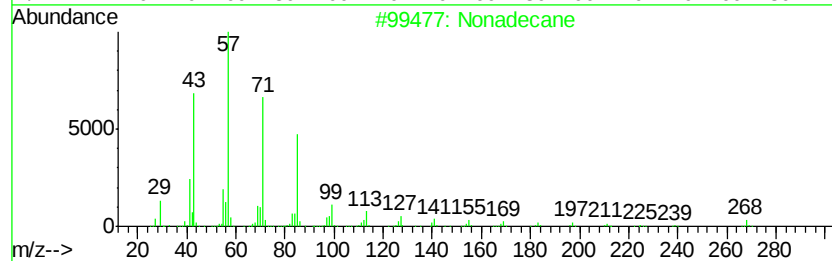
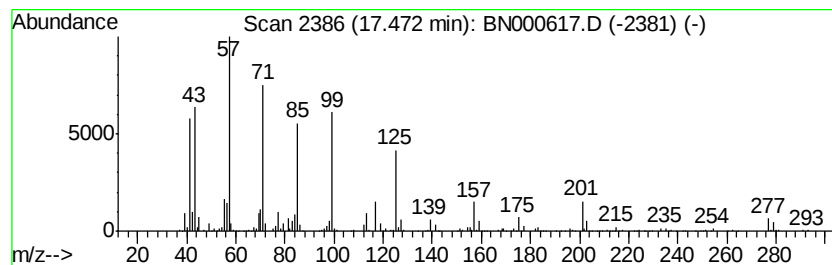
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	7.33 ng/ul	1094940	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	72
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
3		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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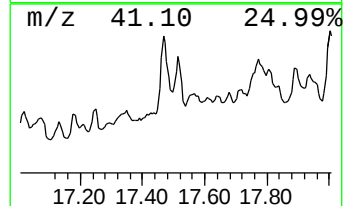
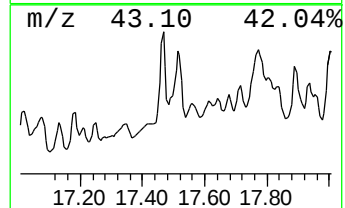
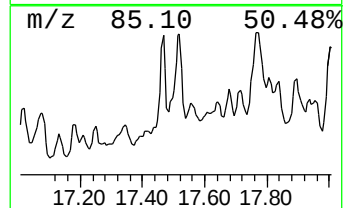
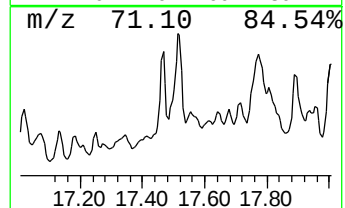
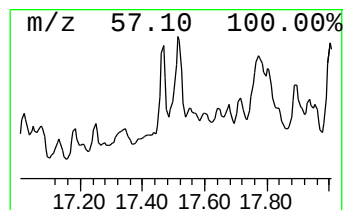
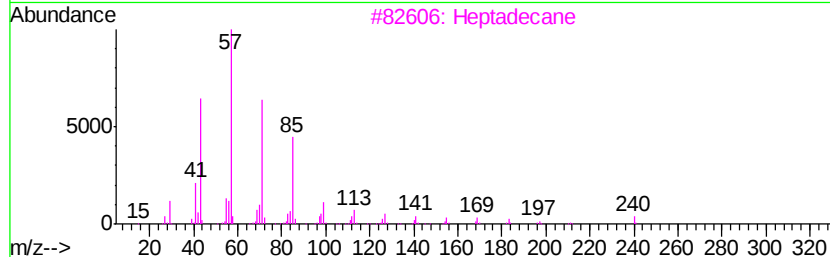
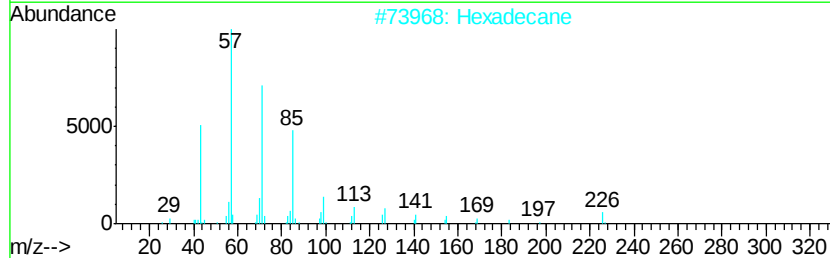
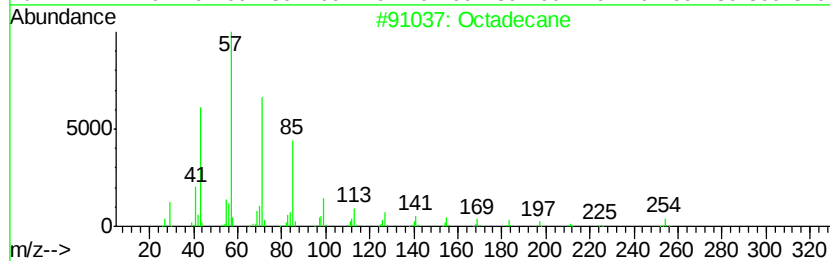
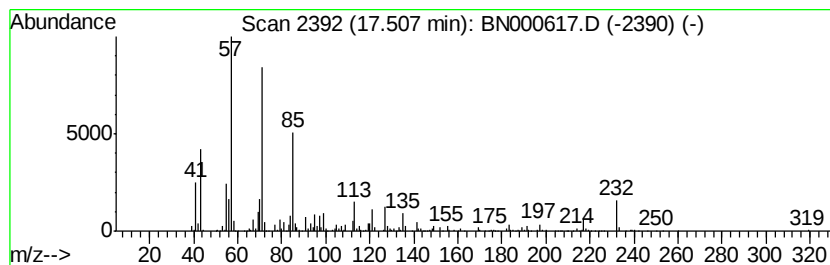
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	6.75 ng/ul	1008590	Phenanthrene-d10	17.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	86
2			Hexadecane	226	C16H34	000544-76-3	86
3			Heptadecane	240	C17H36	000629-78-7	80
4			Docosane	310	C22H46	000629-97-0	80
5			Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COABORE

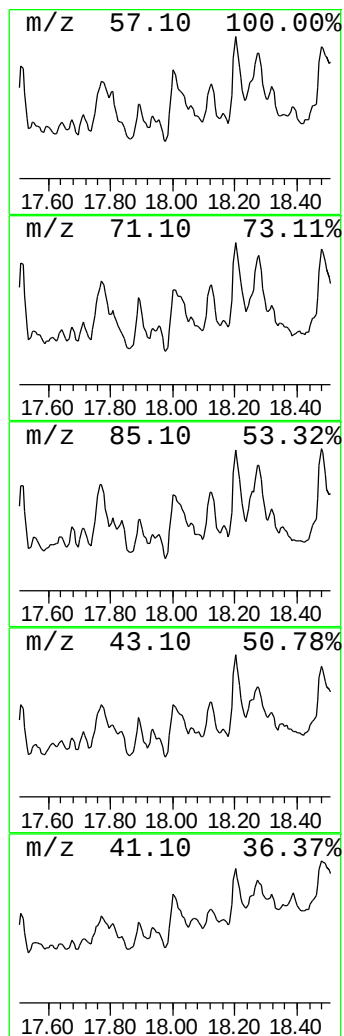
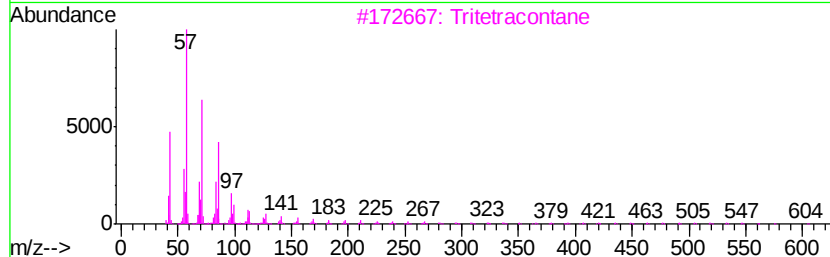
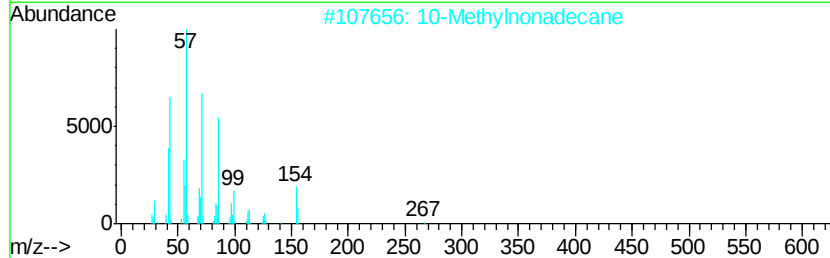
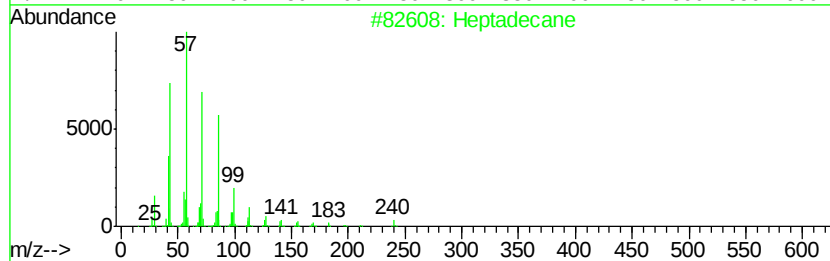
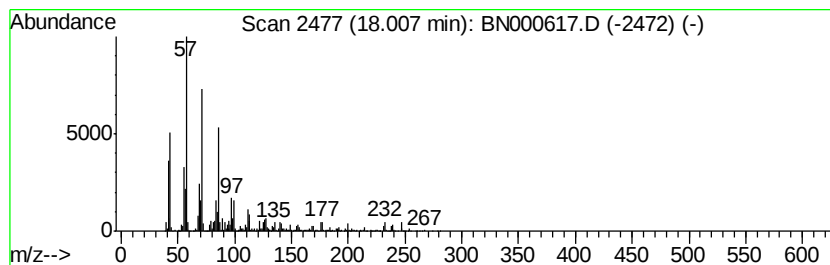
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	17.36 ng/ul	2593210	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		10-Methylnonadecane	282	C20H42	056862-62-5	91
3		Tritetracontane	605	C43H88	007098-21-7	91
4		Nonadecane	268	C19H40	000629-92-5	83
5		Tetratetracontane	619	C44H90	007098-22-8	80



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000617.D
Acq On : 26 Mar 2018 13:36
Operator : JU/SJ
Sample : J1969-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COABORE

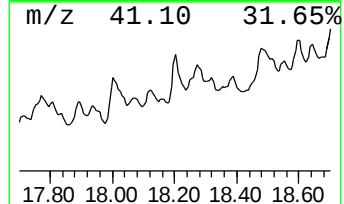
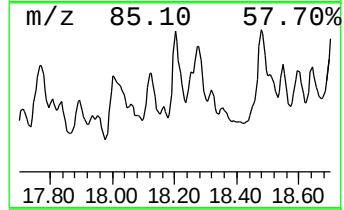
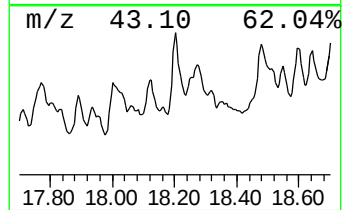
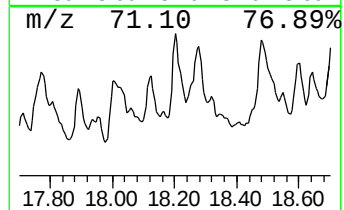
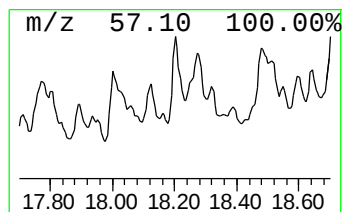
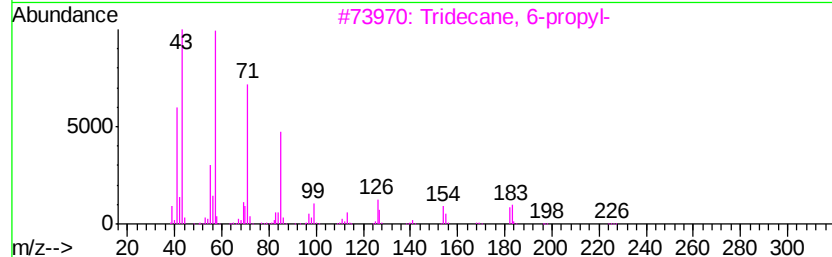
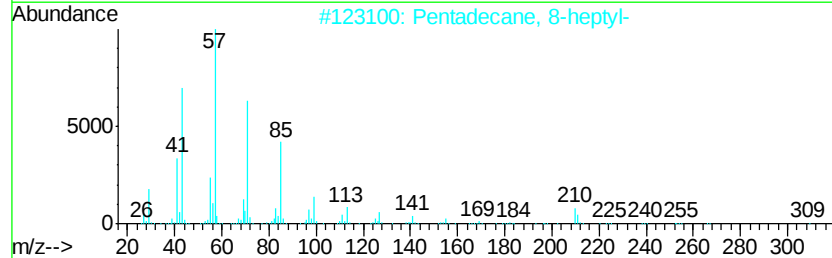
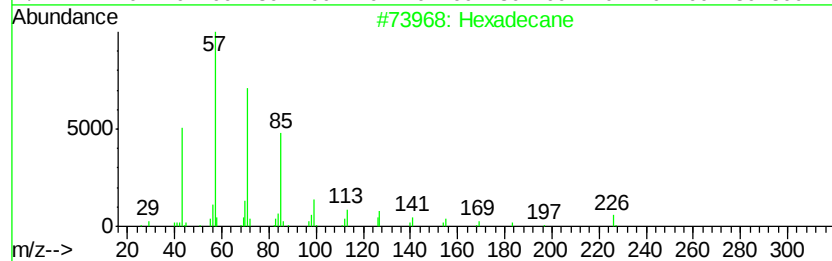
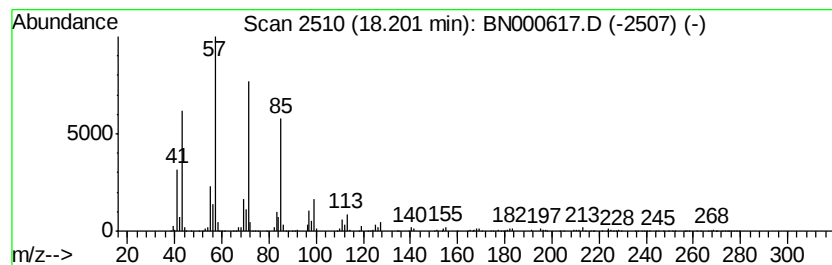
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	9.63 ng/ul	1439340	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
 Data File : BN000617.D
 Acq On : 26 Mar 2018 13:36
 Operator : JU/SJ
 Sample : J1969-10RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COABORE

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Octanol	4.23	93.5	ng/ul	4055890	1	8.41	867447	20.0
2-Pentanone, 4-hy...	5.40	2.6	ng/ul	114374	1	8.41	867447	20.0
unknown-01	5.94	13.0	ng/ul	563506	1	8.41	867447	20.0
1-Heptanol, 6-met...	7.83	2.4	ng/ul	105818	1	8.41	867447	20.0
(DEL) Alkane: Cyc...	8.55	6.9	ng/ul	298223	1	8.41	867447	20.0
Di-tert-butyl dis...	10.18	4.7	ng/ul	330388	2	11.25	1397240	20.0
(DEL) Alkane: Str...	10.63	2.5	ng/ul	174241	2	11.25	1397240	20.0
unknown-02	11.09	5.3	ng/ul	369352	2	11.25	1397240	20.0
(DEL) Alkane: Str...	11.18	5.8	ng/ul	405439	2	11.25	1397240	20.0
unknown-03	11.93	2.6	ng/ul	183237	2	11.25	1397240	20.0
Decane, 1-bromo-2...	12.11	2.3	ng/ul	158149	2	11.25	1397240	20.0
(DEL) Alkane: Str...	12.22	5.0	ng/ul	349738	2	11.25	1397240	20.0
(DEL) Alkane: Str...	12.61	8.4	ng/ul	586084	2	11.25	1397240	20.0
unknown-04	12.85	22.3	ng/ul	1557430	2	11.25	1397240	20.0
(DEL) Alkane: Str...	13.54	3.3	ng/ul	327991	3	15.03	2009930	20.0
(DEL) Alkane: Str...	13.83	6.9	ng/ul	695059	3	15.03	2009930	20.0
unknown-05	14.36	6.2	ng/ul	620841	3	15.03	2009930	20.0
2,5-Cyclohexadien...	14.67	18.4	ng/ul	1847780	3	15.03	2009930	20.0
(DEL) Alkane: Str...	14.88	4.5	ng/ul	457394	3	15.03	2009930	20.0
unknown-06	14.94	3.3	ng/ul	327210	3	15.03	2009930	20.0
(DEL) Alkane: Str...	15.32	2.6	ng/ul	264529	3	15.03	2009930	20.0
(DEL) Alkane: Str...	15.43	3.6	ng/ul	364447	3	15.03	2009930	20.0
(DEL) Alkane: Str...	15.49	2.6	ng/ul	261605	3	15.03	2009930	20.0
unknown-07	15.67	30.6	ng/ul	3071610	3	15.03	2009930	20.0
(DEL) Alkane: Str...	15.82	5.1	ng/ul	509908	3	15.03	2009930	20.0
Dodecane, 1-iodo-	16.68	4.0	ng/ul	595361	4	17.76	2988190	20.0
Silane, trimethyl...	16.94	5.0	ng/ul	754467	4	17.76	2988190	20.0
(DEL) Alkane: Str...	17.02	3.8	ng/ul	563510	4	17.76	2988190	20.0
(DEL) Alkane: Str...	17.18	2.7	ng/ul	401438	4	17.76	2988190	20.0
(DEL) Alkane: Str...	17.47	7.3	ng/ul	1094940	4	17.76	2988190	20.0
(DEL) Alkane: Str...	17.51	6.8	ng/ul	1008590	4	17.76	2988190	20.0
(DEL) Alkane: Str...	18.01	17.4	ng/ul	2593210	4	17.76	2988190	20.0
(DEL) Alkane: Str...	18.20	9.6	ng/ul	1439340	4	17.76	2988190	20.0