

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000172.D
 Acq On : 10 Sep 2019 18:11
 Operator : HP/JU
 Sample : K4780-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0BN8

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:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.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	2.158	6	12	22	rVB	3767222	4777990	69.67%	5.901%
2	2.605	85	88	98	rBV	78832	117853	1.72%	0.146%
3	3.922	308	312	316	rBV2	6406	9063	0.13%	0.011%
4	3.970	316	320	322	rVV	22224	29054	0.42%	0.036%
5	3.999	322	325	329	rVB	27323	33248	0.48%	0.041%
6	4.193	352	358	365	rBV	18110	22253	0.32%	0.027%
7	4.793	454	460	465	rBV	8244	11277	0.16%	0.014%
8	5.087	507	510	513	rBV	8295	8872	0.13%	0.011%
9	6.022	664	669	673	rBV	24260	20165	0.29%	0.025%
10	6.199	695	699	705	rVB3	16400	28412	0.41%	0.035%
11	6.428	732	738	739	rBV	10992	13318	0.19%	0.016%
12	6.505	747	751	758	rBV	736221	606545	8.84%	0.749%
13	6.569	758	762	766	rBV	2079657	1750596	25.53%	2.162%
14	6.658	773	777	780	rBV	2460390	1947970	28.40%	2.406%
15	6.722	785	788	789	rVV2	24305	23239	0.34%	0.029%
16	6.734	789	790	793	rVB	19025	13448	0.20%	0.017%
17	6.811	797	803	808	rBV3	5544	7736	0.11%	0.010%
18	6.893	813	817	820	rVV	2826774	2181395	31.81%	2.694%
19	6.952	824	827	830	rBV	11013	8751	0.13%	0.011%
20	7.258	875	879	882	rBV	1858484	1522317	22.20%	1.880%
21	7.446	907	911	914	rBV	2734058	2039800	29.74%	2.519%
22	7.663	945	948	952	rVB	70455	54406	0.79%	0.067%
23	7.775	963	967	970	rBV	1959036	1597666	23.30%	1.973%
24	7.952	994	997	1004	rBV	42810	33331	0.49%	0.041%
25	8.010	1004	1007	1011	rBV	2961971	2582461	37.66%	3.189%
26	8.175	1032	1035	1039	rVV	3804071	2954007	43.07%	3.648%
27	8.228	1041	1044	1051	rVB	608407	445624	6.50%	0.550%
28	8.493	1085	1089	1095	rBV4	8054	12119	0.18%	0.015%
29	8.716	1123	1127	1130	rBV	129215	101479	1.48%	0.125%
30	8.799	1139	1141	1145	rVB	9638	7466	0.11%	0.009%
31	8.857	1148	1151	1155	rVB	66504	48865	0.71%	0.060%
32	9.134	1195	1198	1201	rBV4	9184	10773	0.16%	0.013%
33	9.252	1214	1218	1223	rVB2	17675	21426	0.31%	0.026%
34	9.328	1227	1231	1233	rBV3	9523	9687	0.14%	0.012%

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35	9.357	1233	1236	1238	rVB2	10964	9965	0.15%	0.012%
36	9.416	1243	1246	1253	rVB2	15269	18113	0.26%	0.022%
37	9.628	1279	1282	1285	rBV	4371427	3855076	56.21%	4.761%
38	9.652	1285	1286	1289	rVV	1052390	583512	8.51%	0.721%
39	9.699	1291	1294	1298	rVB5	8095	8843	0.13%	0.011%
40	9.757	1301	1304	1305	rBV	8701	8488	0.12%	0.010%
41	9.787	1305	1309	1313	rBV	5952730	4873020	71.06%	6.018%
42	9.881	1322	1325	1329	rVB3	9717	8855	0.13%	0.011%
43	9.946	1332	1336	1339	rBV	4589158	3759236	54.82%	4.643%
44	10.022	1346	1349	1358	rBV	476358	472300	6.89%	0.583%
45	10.146	1367	1370	1377	rVB4	26976	30970	0.45%	0.038%
46	10.322	1397	1400	1403	rVV	13396	10561	0.15%	0.013%
47	10.363	1403	1407	1409	rVV	16433	15482	0.23%	0.019%
48	10.387	1409	1411	1415	rVB	13044	9826	0.14%	0.012%
49	10.469	1421	1425	1428	rBV	6844596	5644300	82.30%	6.971%
50	10.522	1431	1434	1444	rVV	1475220	1324328	19.31%	1.636%
51	10.599	1444	1447	1451	rVV	91742	87726	1.28%	0.108%
52	10.657	1455	1457	1461	rVB5	7483	8210	0.12%	0.010%
53	10.781	1475	1478	1480	rBV2	8782	8653	0.13%	0.011%
54	10.869	1490	1493	1495	rVV2	9446	8353	0.12%	0.010%
55	10.899	1495	1498	1501	rVB	36795	32333	0.47%	0.040%
56	11.263	1557	1560	1563	rVB2	16457	13779	0.20%	0.017%
57	11.322	1566	1570	1575	rVV	27470	27127	0.40%	0.034%
58	11.399	1581	1583	1587	rBV5	6051	8997	0.13%	0.011%
59	11.446	1587	1591	1595	rBV	4601143	3896919	56.82%	4.813%
60	11.504	1597	1601	1604	rBV	7291273	6052216	88.25%	7.474%
61	11.622	1618	1621	1625	rVB	16840	14997	0.22%	0.019%
62	11.757	1642	1644	1649	rBV2	13912	12093	0.18%	0.015%
63	11.993	1680	1684	1688	rBV	450128	420484	6.13%	0.519%
64	12.175	1710	1715	1718	rBV2	30712	37127	0.54%	0.046%
65	12.575	1780	1783	1786	rVB	54348	48875	0.71%	0.060%
66	12.610	1787	1789	1793	rVB3	9088	9131	0.13%	0.011%
67	12.657	1794	1797	1800	rBV	80240	74577	1.09%	0.092%
68	12.698	1800	1804	1805	rBV2	44823	45337	0.66%	0.056%
69	12.798	1817	1821	1823	rBV	174855	174782	2.55%	0.216%
70	12.816	1823	1824	1830	rVV	91503	97607	1.42%	0.121%
71	12.898	1833	1838	1841	rVV	7515260	6857848	100.00%	8.469%

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72	12.957	1845	1848	1850	rVV	94808	98729	1.44%	0.122%
73	12.981	1850	1852	1858	rVB	66365	64064	0.93%	0.079%
74	13.328	1906	1911	1919	rVB	153071	173357	2.53%	0.214%
75	13.551	1944	1949	1951	rBV3	44167	55190	0.80%	0.068%
76	13.681	1967	1971	1981	rVB	261591	303413	4.42%	0.375%
77	13.898	2005	2008	2011	rVB2	18021	19548	0.29%	0.024%
78	13.934	2011	2014	2019	rVB4	14520	18280	0.27%	0.023%
79	14.022	2022	2029	2040	rBV	752274	1145738	16.71%	1.415%
80	14.140	2045	2049	2053	rBV	3906922	3662199	53.40%	4.523%
81	14.263	2068	2070	2076	rVB2	28586	31389	0.46%	0.039%
82	14.351	2081	2085	2096	rVB	403819	505404	7.37%	0.624%
83	14.669	2134	2139	2150	rBV	363472	565437	8.25%	0.698%
84	15.004	2191	2196	2203	rBV	356000	544346	7.94%	0.672%
85	15.075	2205	2208	2213	rVB2	49000	70619	1.03%	0.087%
86	15.175	2222	2225	2230	rVB	70268	83222	1.21%	0.103%
87	15.375	2254	2259	2269	rVB	313841	524311	7.65%	0.648%
88	15.587	2288	2295	2305	rBV	4254575	5986357	87.29%	7.393%
89	15.681	2305	2311	2322	rVB	2431585	3501181	51.05%	4.324%
90	15.798	2325	2331	2340	rBV	271777	535210	7.80%	0.661%
91	16.281	2407	2413	2421	rBV2	230941	522126	7.61%	0.645%
92	16.839	2501	2508	2520	rVB2	171218	439509	6.41%	0.543%
93	17.486	2612	2618	2631	rVB3	97449	287851	4.20%	0.355%
94	17.957	2693	2698	2710	rVB8	74119	213554	3.11%	0.264%

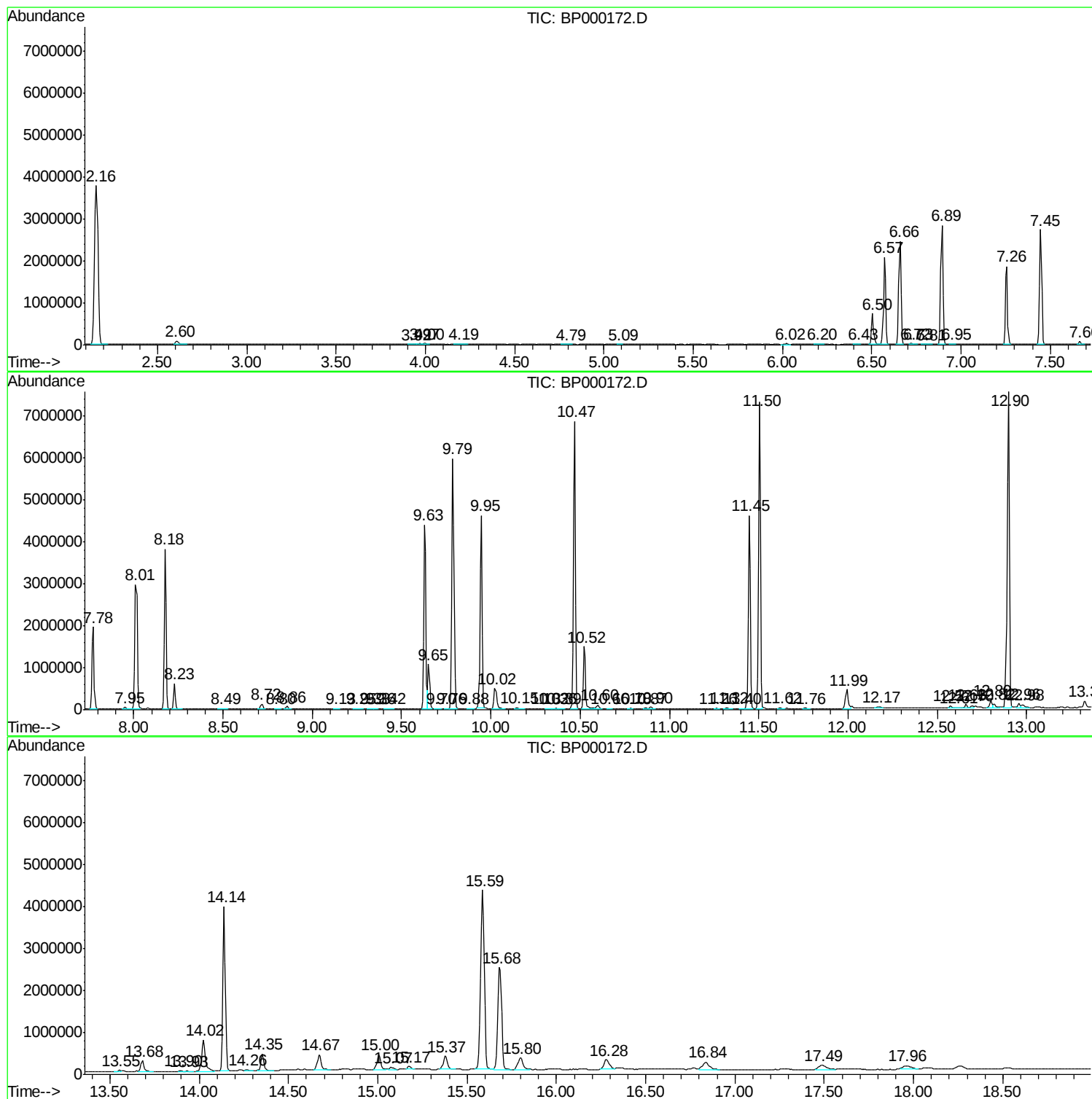
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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



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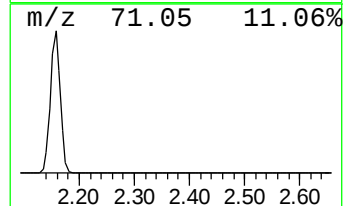
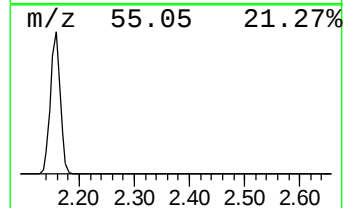
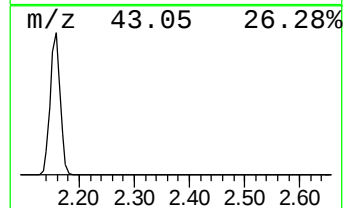
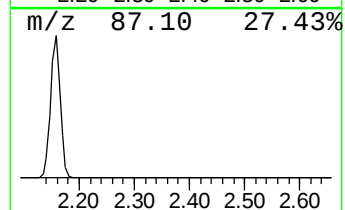
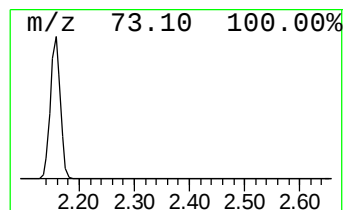
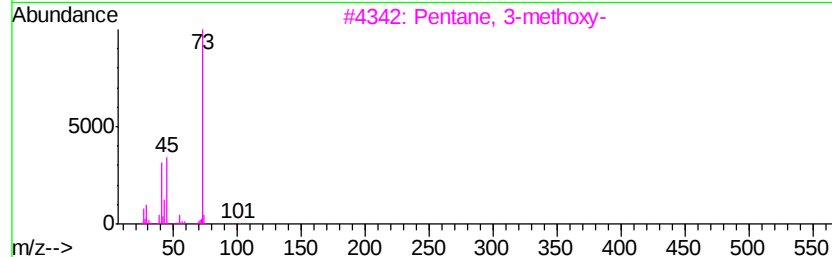
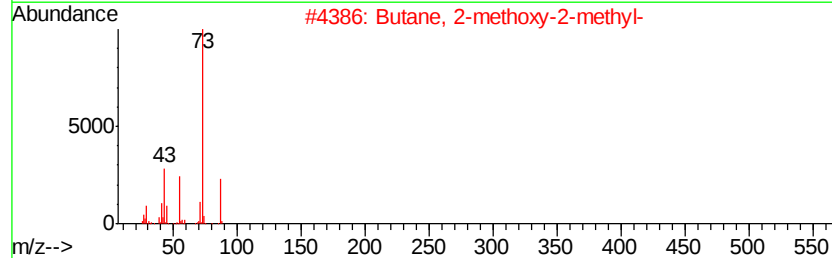
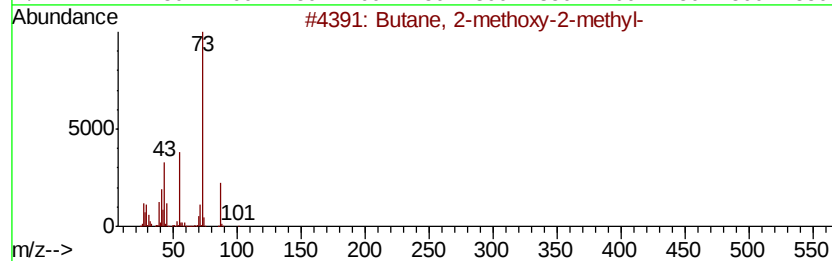
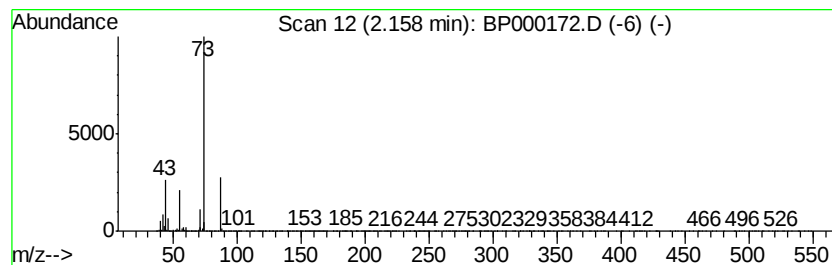
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	43.81 ng/ul	4777990	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9



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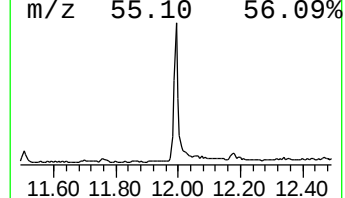
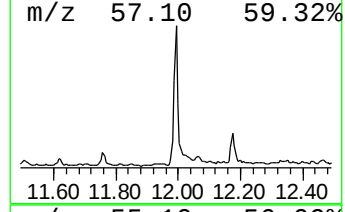
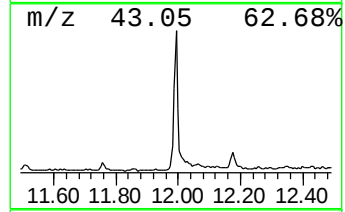
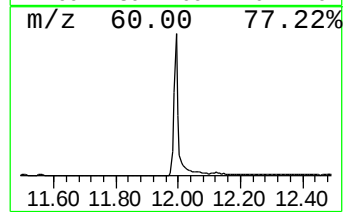
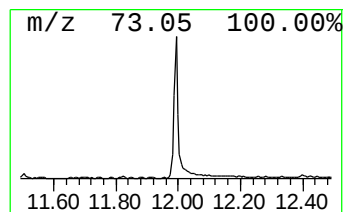
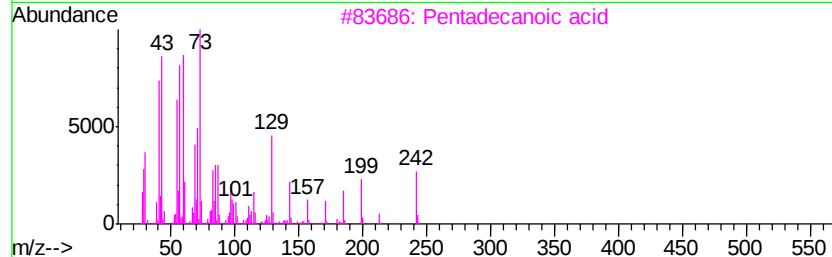
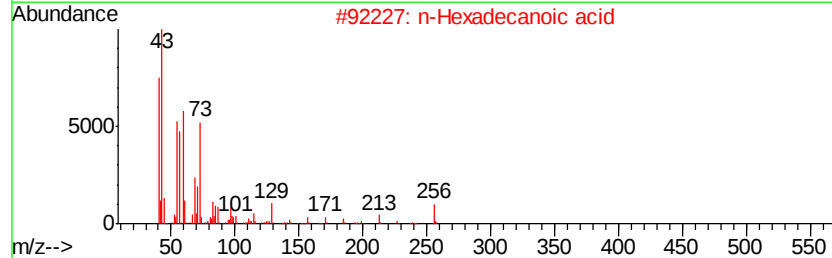
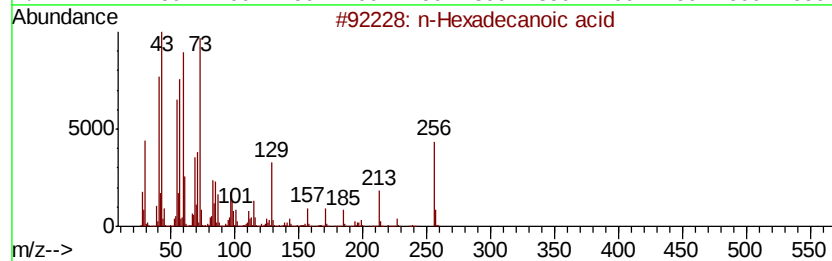
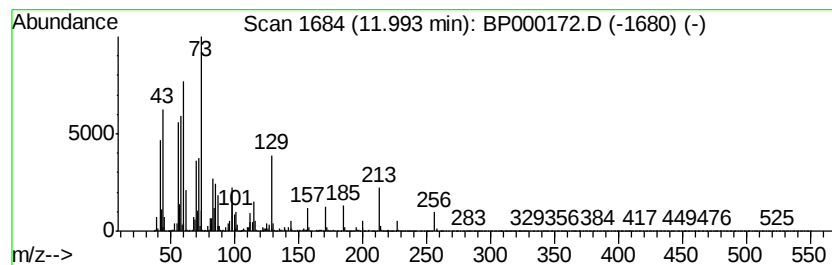
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.16 ng/ul	420484	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		Tridecanoic acid	214	C13H26O2	000638-53-9	89



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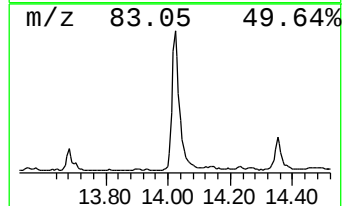
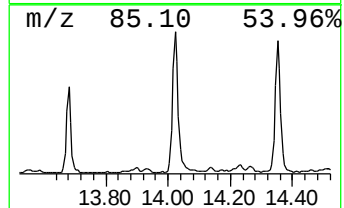
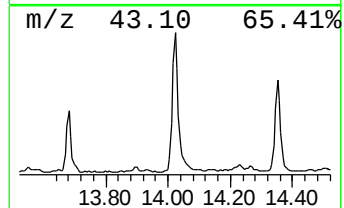
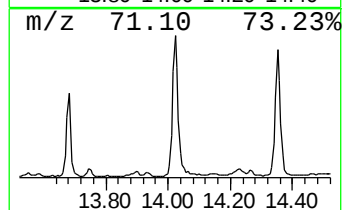
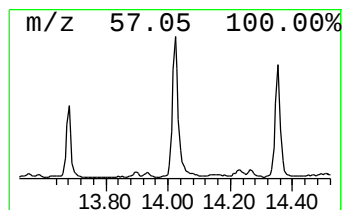
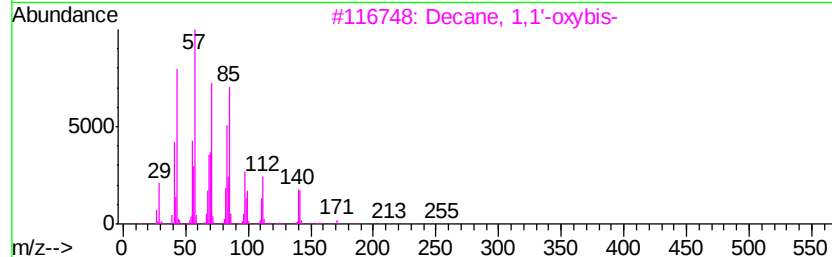
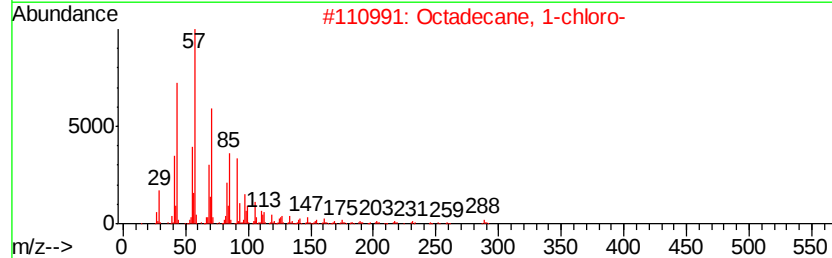
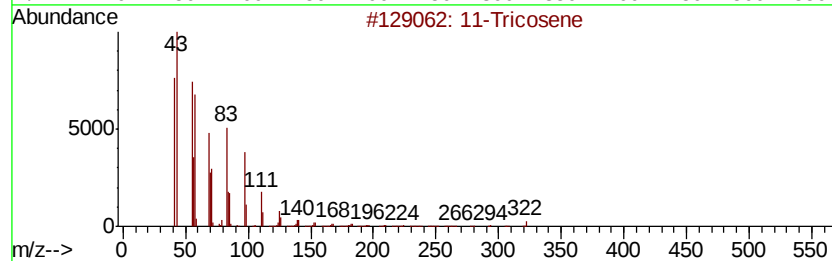
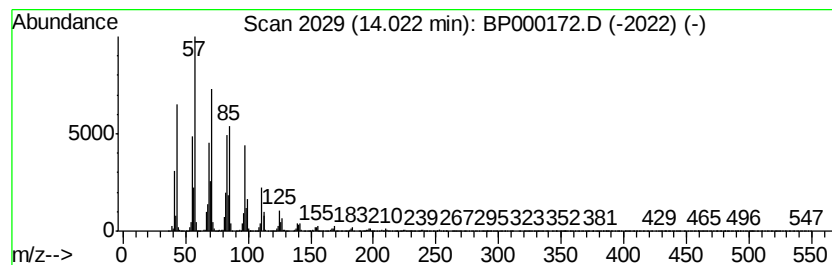
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic14.02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	6.26 ng/ul	1145740	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Tricosene	322	C23H46	052078-56-5	91
2		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	76
3		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	68
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	68
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	68



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 ClientSampleId :
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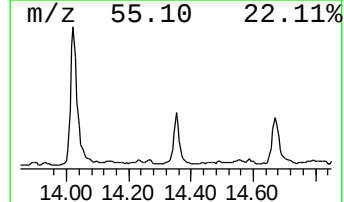
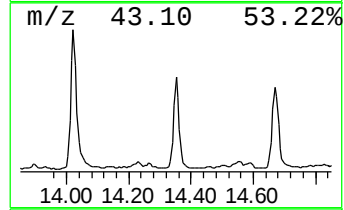
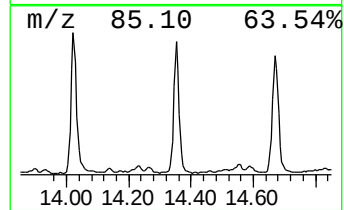
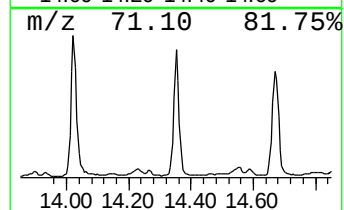
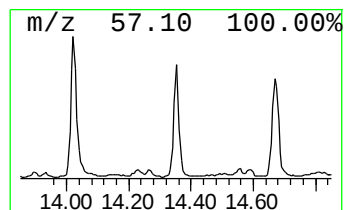
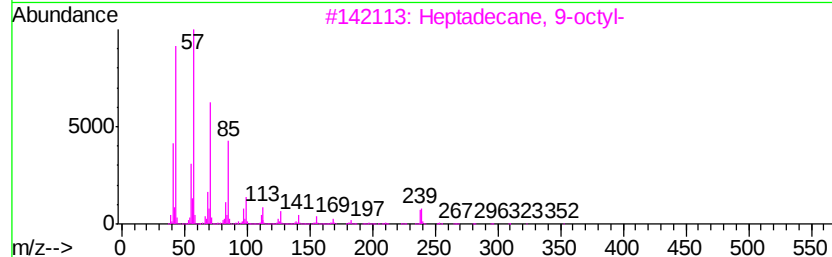
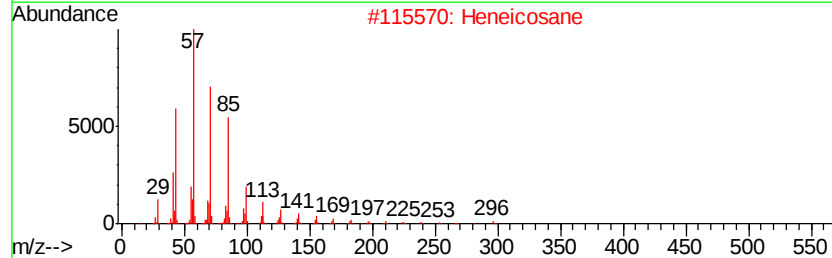
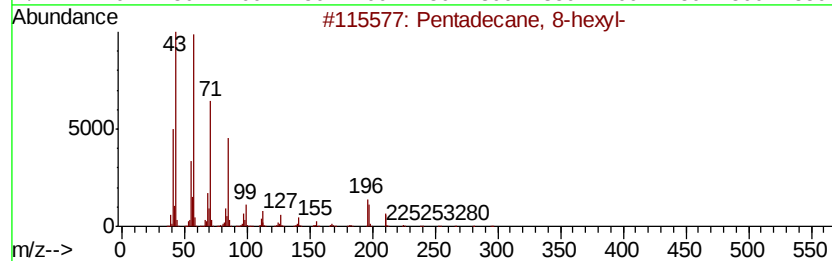
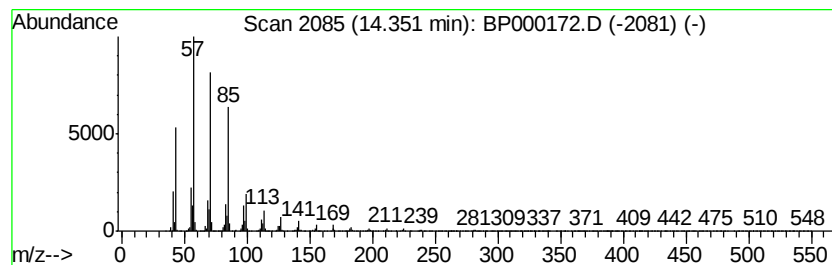
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.76 ng/ul	505404	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000172.D
Acq On : 10 Sep 2019 18:11
Operator : HP/JU
Sample : K4780-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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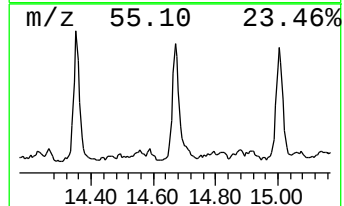
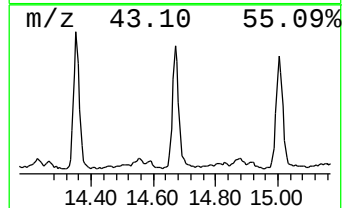
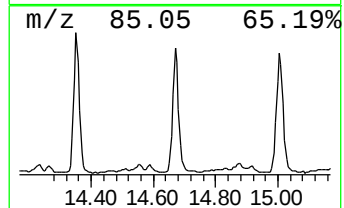
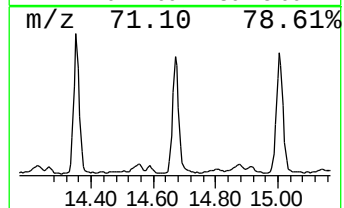
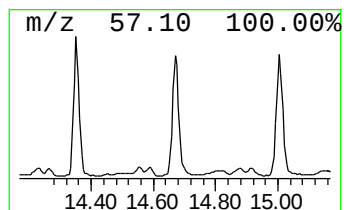
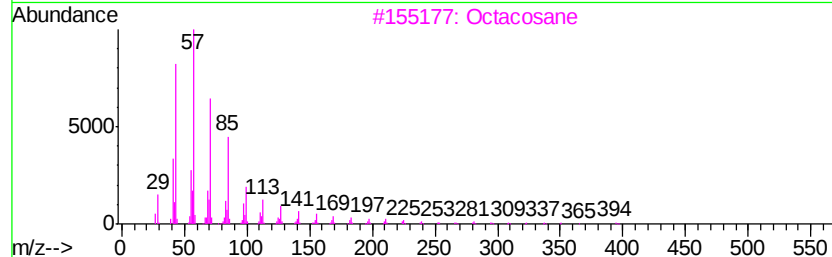
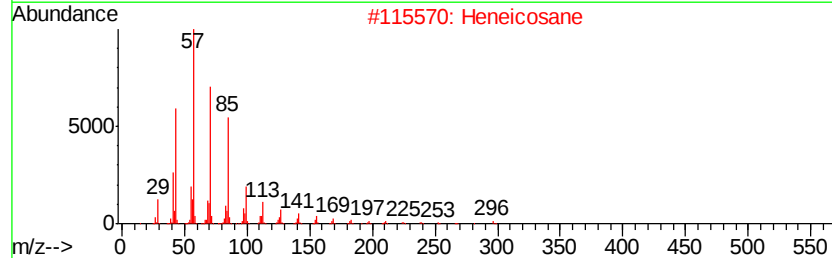
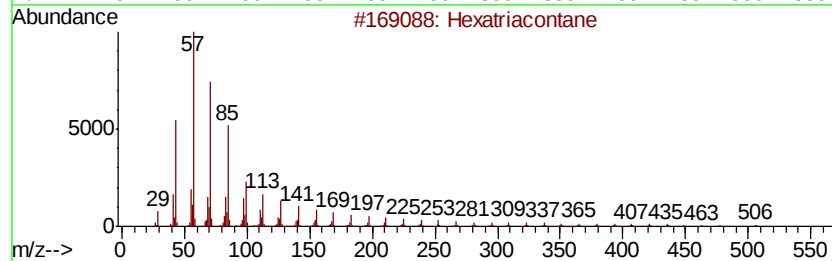
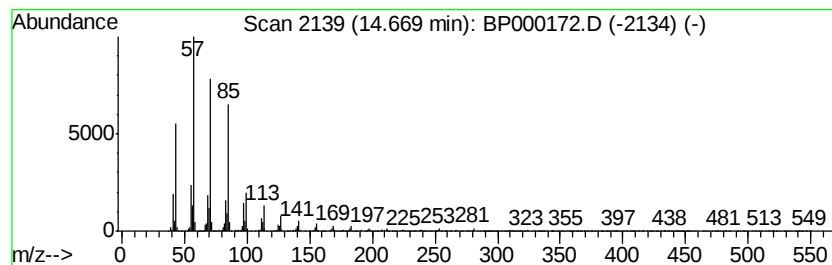
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.09 ng/ul	565437	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000172.D
Acq On : 10 Sep 2019 18:11
Operator : HP/JU
Sample : K4780-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0BN8

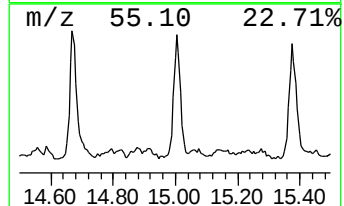
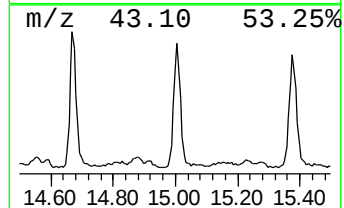
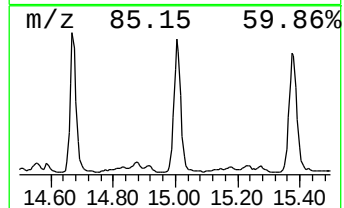
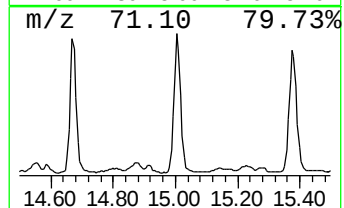
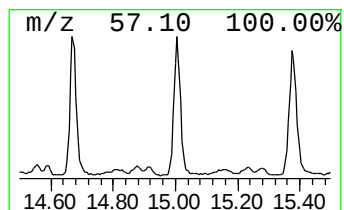
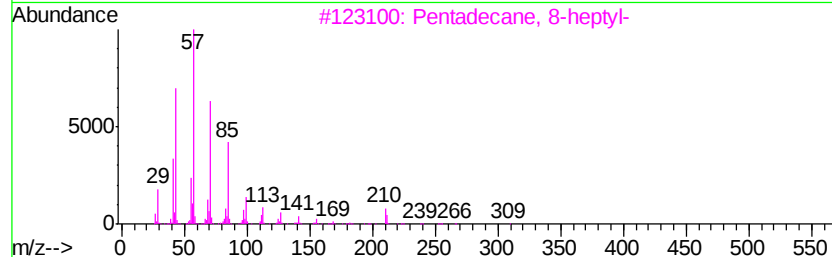
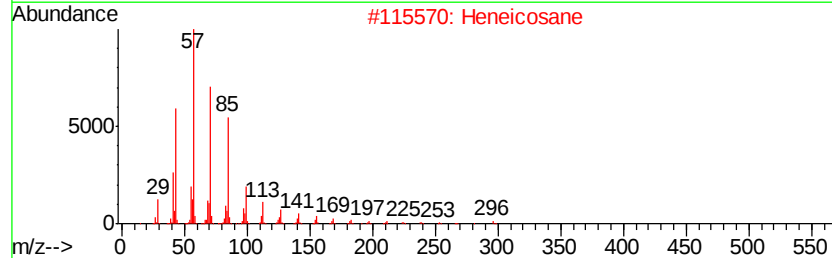
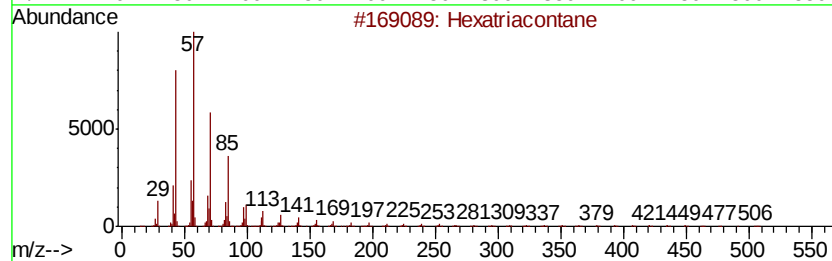
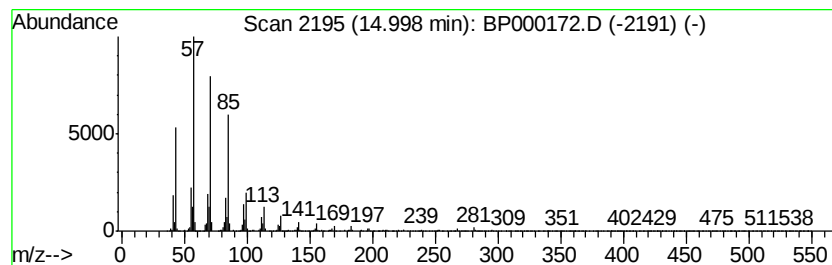
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.11 ng/ul	544346	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000172.D
Acq On : 10 Sep 2019 18:11
Operator : HP/JU
Sample : K4780-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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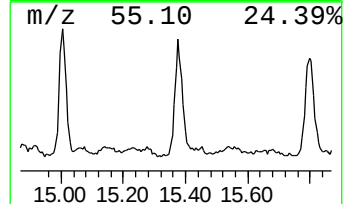
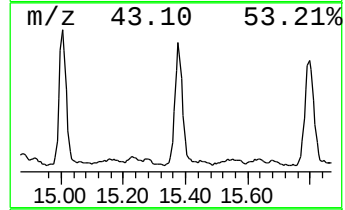
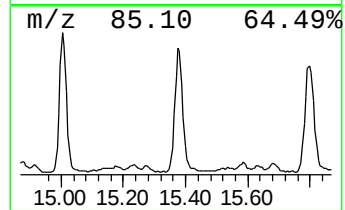
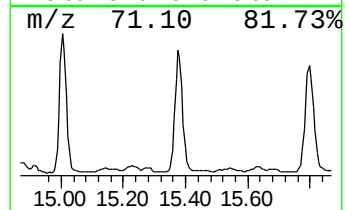
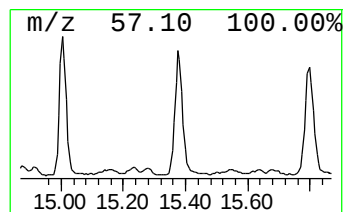
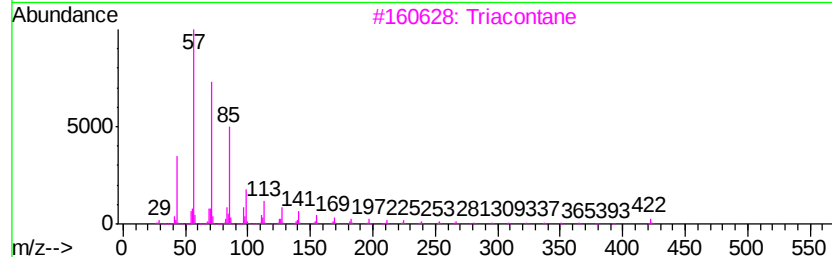
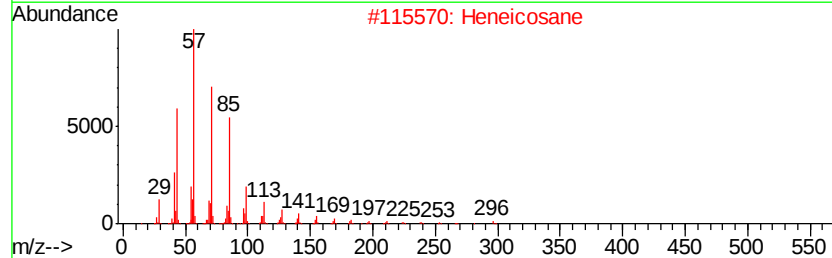
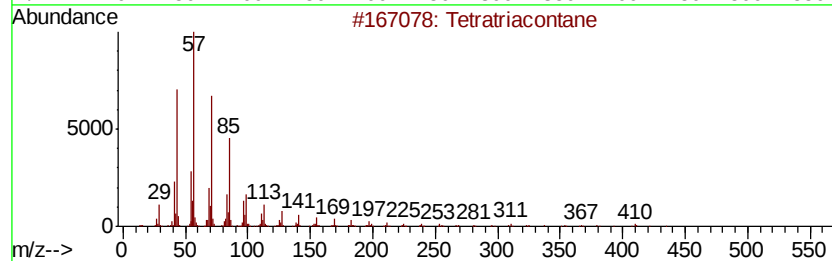
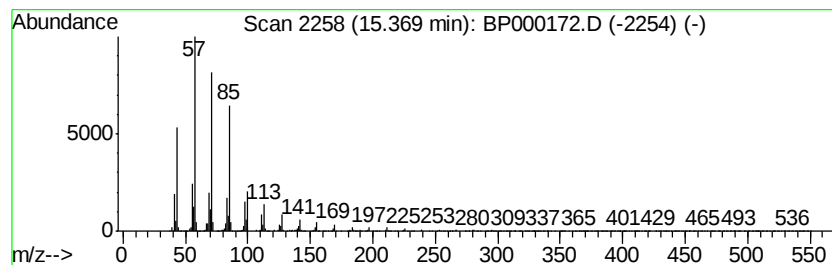
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	3.00 ng/ul	524311	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Triacontane	422	C30H62	000638-68-6	90
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000172.D
Acq On : 10 Sep 2019 18:11
Operator : HP/JU
Sample : K4780-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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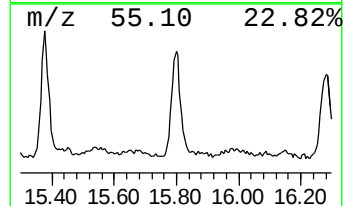
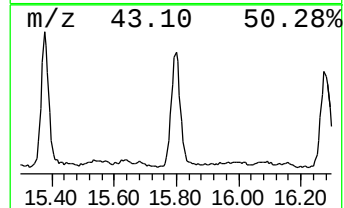
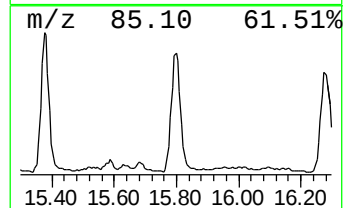
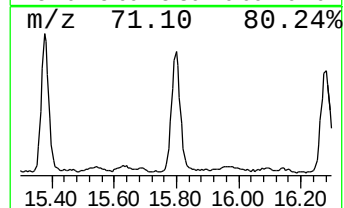
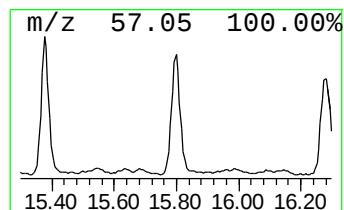
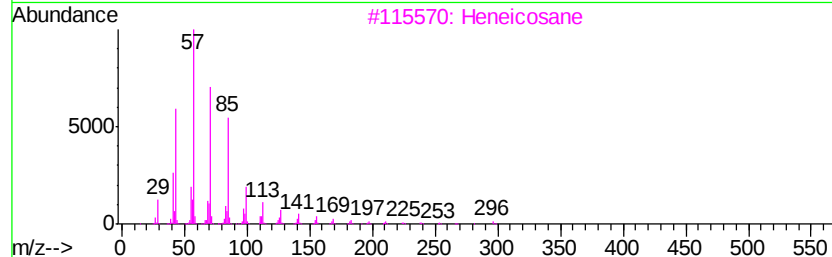
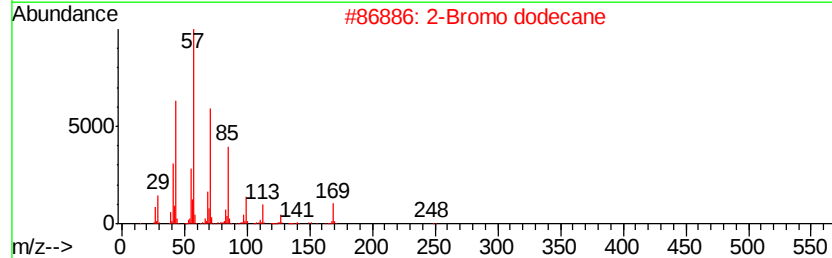
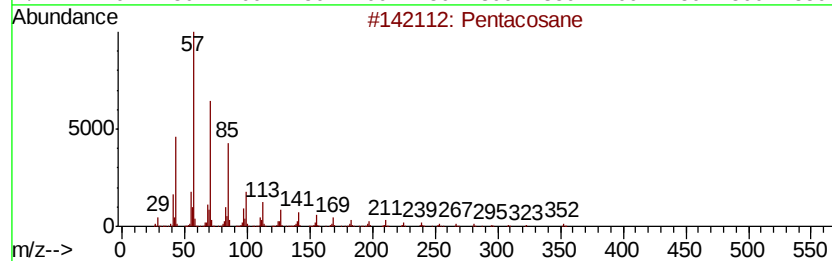
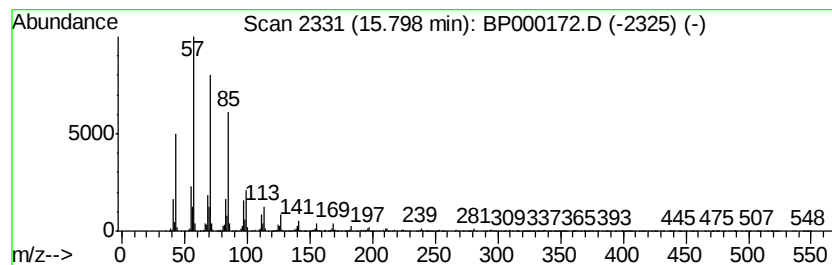
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	3.06 ng/ul	535210	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000172.D
Acq On : 10 Sep 2019 18:11
Operator : HP/JU
Sample : K4780-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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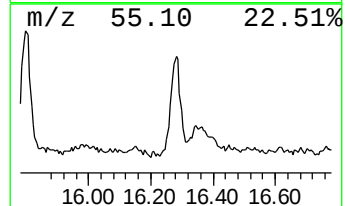
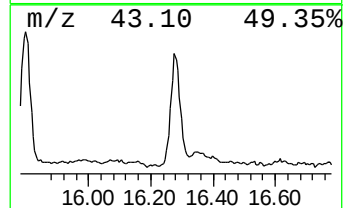
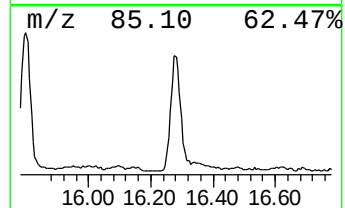
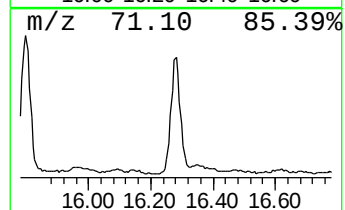
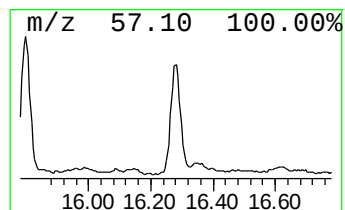
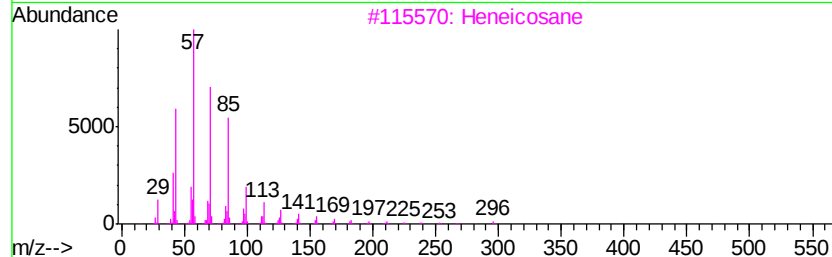
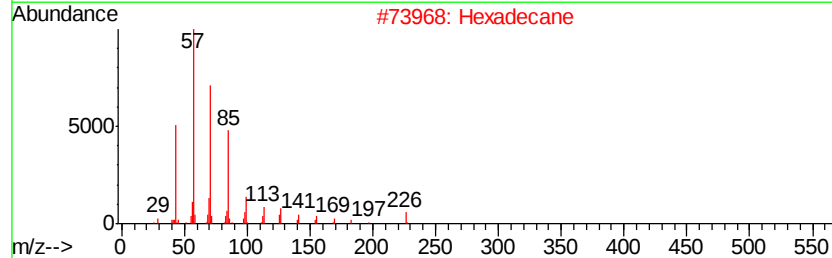
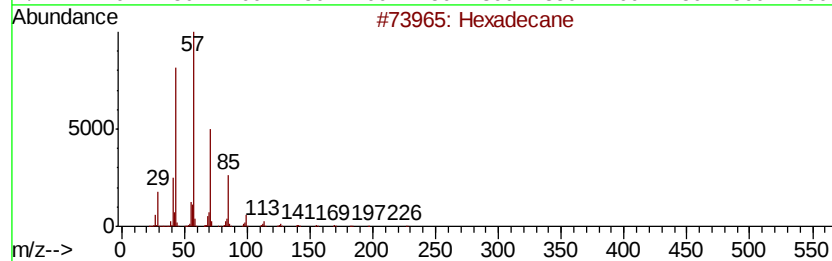
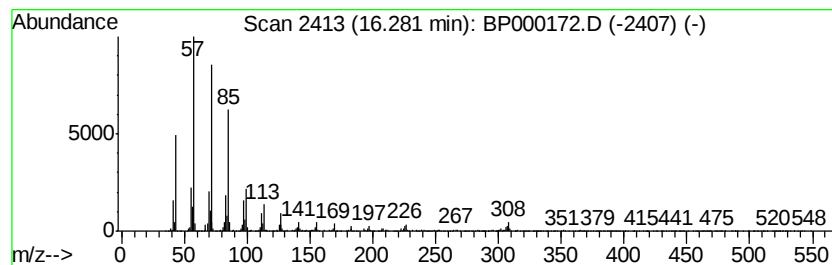
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	2.98 ng/ul	522126	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	96
2		Hexadecane	226	C16H34	000544-76-3	93
3		Heneicosane	296	C21H44	000629-94-7	90
4		Triacontane	422	C30H62	000638-68-6	90
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000172.D
Acq On : 10 Sep 2019 18:11
Operator : HP/JU
Sample : K4780-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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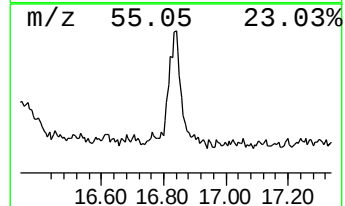
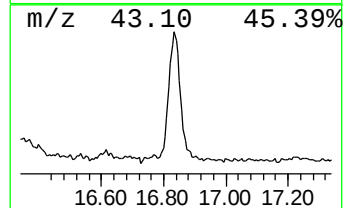
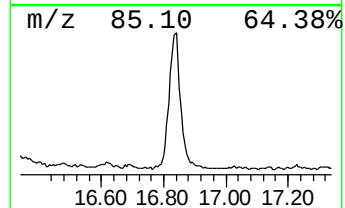
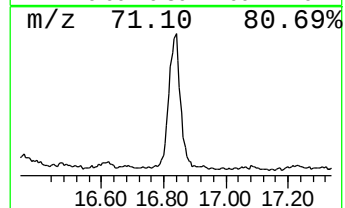
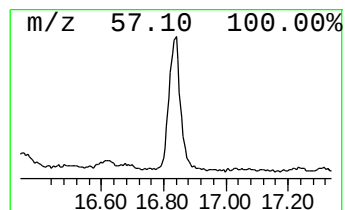
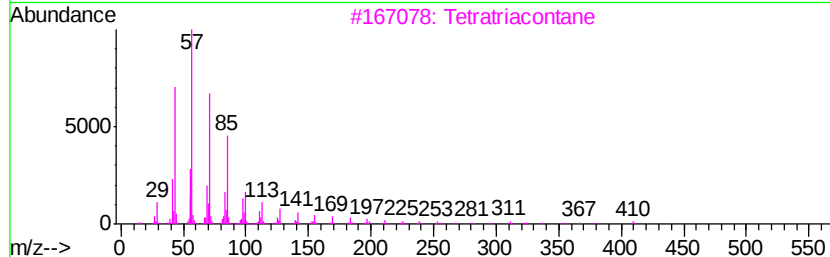
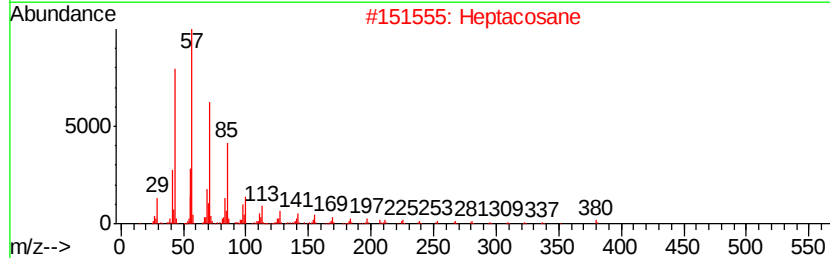
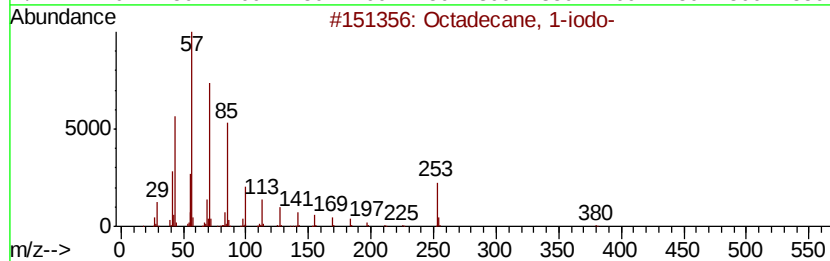
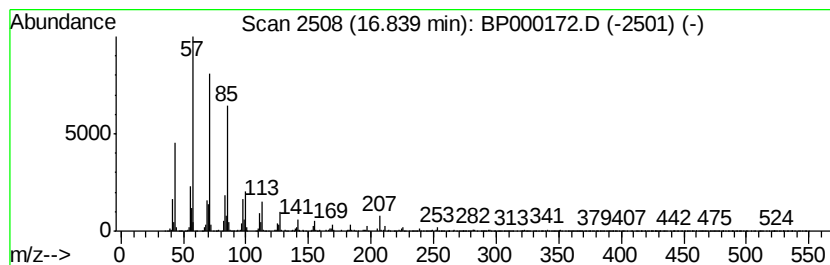
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Octadecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	2.51 ng/ul	439509	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	94
2		Heptacosane	380	C27H56	000593-49-7	94
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091019\
Data File : BP000172.D
Acq On : 10 Sep 2019 18:11
Operator : HP/JU
Sample : K4780-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0BN8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.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
Butane, 2-methoxy...	2.16	43.8	ng/ul	4777990	1	6.89	2181400	20.0
n-Hexadecanoic acid	11.99	2.2	ng/ul	420484	4	11.45	3896920	20.0
(DEL) Alkane: Cyc...	14.02	6.3	ng/ul	1145740	5	14.14	3662200	20.0
(DEL) Alkane: Str...	14.35	2.8	ng/ul	505404	5	14.14	3662200	20.0
(DEL) Alkane: Str...	14.67	3.1	ng/ul	565437	5	14.14	3662200	20.0
(DEL) Alkane: Str...	15.00	3.1	ng/ul	544346	6	15.68	3501180	20.0
(DEL) Alkane: Str...	15.37	3.0	ng/ul	524311	6	15.68	3501180	20.0
(DEL) Alkane: Str...	15.80	3.1	ng/ul	535210	6	15.68	3501180	20.0
(DEL) Alkane: Str...	16.28	3.0	ng/ul	522126	6	15.68	3501180	20.0
Octadecane, 1-iodo-	16.84	2.5	ng/ul	439509	6	15.68	3501180	20.0