

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002014.D
 Acq On : 11 Jul 2018 17:11
 Operator : JU/SJ
 Sample : J3775-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAZQ6

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_N\METHODS\SOM-EPA-BN061918.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	3.017	3	5	23	rVB	3096706	4463207	32.60%	2.931%
2	3.269	44	48	57	rVB	81768	120048	0.88%	0.079%
3	3.769	128	133	140	rVB	62290	93545	0.68%	0.061%
4	3.887	149	153	158	rVB2	31518	43727	0.32%	0.029%
5	4.875	315	321	330	rVB2	184409	294449	2.15%	0.193%
6	5.387	405	408	416	rBV3	28639	55144	0.40%	0.036%
7	5.828	478	483	494	rVB	28370	59466	0.43%	0.039%
8	6.375	573	576	585	rVB6	16232	30191	0.22%	0.020%
9	6.722	628	635	640	rBV3	31644	62082	0.45%	0.041%
10	6.893	655	664	678	rBV	1816238	3127876	22.85%	2.054%
11	7.052	684	691	699	rBV	1446487	2234922	16.33%	1.468%
12	7.252	714	725	733	rBV	1795830	2968468	21.69%	1.950%
13	7.710	795	803	811	rBV	1878217	3002422	21.93%	1.972%
14	8.416	915	923	932	rBV	2122678	3444222	25.16%	2.262%
15	8.857	991	998	1007	rBV	1816316	2938861	21.47%	1.930%
16	8.981	1014	1019	1024	rBV	49835	75273	0.55%	0.049%
17	9.028	1024	1027	1035	rVB8	17559	34302	0.25%	0.023%
18	9.287	1067	1071	1077	rBV2	26525	36160	0.26%	0.024%
19	9.575	1111	1120	1127	rBV	1483206	2518314	18.40%	1.654%
20	10.110	1204	1211	1221	rBV	2408064	4017413	29.35%	2.639%
21	10.287	1232	1241	1245	rBV9	19772	48277	0.35%	0.032%
22	10.487	1266	1275	1281	rBV	2756715	4755512	34.74%	3.123%
23	10.534	1281	1283	1290	rVB	75011	104305	0.76%	0.069%
24	10.622	1290	1298	1312	rBV	1414086	2551920	18.64%	1.676%
25	11.128	1379	1384	1390	rVB3	14184	29462	0.22%	0.019%
26	11.281	1405	1410	1413	rBV3	20885	34047	0.25%	0.022%
27	11.916	1513	1518	1524	rVB4	19616	30256	0.22%	0.020%
28	11.987	1524	1530	1537	rVV4	18080	36228	0.26%	0.024%
29	12.075	1539	1545	1552	rVV2	47440	92405	0.68%	0.061%
30	12.146	1552	1557	1564	rVB	45017	79537	0.58%	0.052%
31	12.369	1591	1595	1601	rVB	28409	43349	0.32%	0.028%
32	12.698	1646	1651	1657	rBV6	21961	40330	0.29%	0.026%
33	12.951	1689	1694	1697	rBV	37932	55558	0.41%	0.036%
34	13.175	1727	1732	1737	rBV	44544	63566	0.46%	0.042%

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35	13.522	1789	1791	1796	rVV6	24211	30511	0.22%	0.020%
36	13.657	1809	1814	1819	rBV6	28482	49043	0.36%	0.032%
37	13.751	1824	1830	1835	rVV	3950500	5703415	41.66%	3.746%
38	13.798	1835	1838	1843	rVB	1075237	1387001	10.13%	0.911%
39	13.887	1848	1853	1859	rVB7	19877	47244	0.35%	0.031%
40	14.034	1868	1878	1891	rBV	4896150	7499224	54.78%	4.925%
41	14.251	1911	1915	1920	rVB	116087	154296	1.13%	0.101%
42	14.345	1920	1931	1938	rBV2	4003698	6437956	47.03%	4.228%
43	14.404	1938	1941	1949	rVB	54624	90043	0.66%	0.059%
44	14.551	1958	1966	1978	rBV	1684403	2682745	19.60%	1.762%
45	14.698	1987	1991	1995	rBV2	77587	120193	0.88%	0.079%
46	14.763	1995	2002	2007	rVB6	88247	193799	1.42%	0.127%
47	14.816	2008	2011	2016	rVB2	30873	43692	0.32%	0.029%
48	14.875	2016	2021	2028	rVB3	43091	69432	0.51%	0.046%
49	14.945	2028	2033	2035	rBV2	33342	50457	0.37%	0.033%
50	15.157	2064	2069	2073	rVB2	61368	88412	0.65%	0.058%
51	15.210	2073	2078	2083	rVB	235613	296855	2.17%	0.195%
52	15.281	2083	2090	2093	rBV9	22061	48885	0.36%	0.032%
53	15.339	2093	2100	2106	rBV	6175937	9145731	66.81%	6.007%
54	15.392	2106	2109	2114	rVB4	74560	107993	0.79%	0.071%
55	15.463	2115	2121	2127	rBV	1321135	1841625	13.45%	1.210%
56	15.575	2135	2140	2143	rBV	84071	148718	1.09%	0.098%
57	15.763	2169	2172	2177	rBV5	43321	72878	0.53%	0.048%
58	15.834	2180	2184	2187	rBV4	40671	61951	0.45%	0.041%
59	16.063	2214	2223	2237	rBV2	366314	1055893	7.71%	0.693%
60	16.239	2249	2253	2257	rBV4	68196	92926	0.68%	0.061%
61	16.292	2258	2262	2268	rBV	137204	210494	1.54%	0.138%
62	16.481	2291	2294	2295	rBV3	36335	40343	0.29%	0.026%
63	16.586	2308	2312	2318	rBV5	78613	150619	1.10%	0.099%
64	16.651	2319	2323	2329	rVB4	95692	162379	1.19%	0.107%
65	16.739	2334	2338	2344	rVB3	107264	152442	1.11%	0.100%
66	16.798	2344	2348	2353	rBV	157358	224101	1.64%	0.147%
67	16.863	2353	2359	2363	rVV2	571566	827830	6.05%	0.544%
68	16.910	2364	2367	2373	rVB3	102773	150500	1.10%	0.099%
69	17.092	2391	2398	2402	rBV	5194834	7808492	57.04%	5.128%
70	17.128	2402	2404	2408	rVV	901412	1133541	8.28%	0.744%
71	17.186	2408	2414	2425	rVV2	6773073	10164568	74.25%	6.676%

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72	17.281	2426	2430	2436	rVB3	145267	233588	1.71%	0.153%
73	17.363	2441	2444	2449	rVB2	155366	223069	1.63%	0.147%
74	17.492	2463	2466	2471	rVB	102668	131488	0.96%	0.086%
75	17.604	2481	2485	2492	rBV2	137158	211900	1.55%	0.139%
76	17.963	2543	2546	2548	rBV	160661	185779	1.36%	0.122%
77	17.998	2548	2552	2560	rVV2	1324920	2166182	15.82%	1.423%
78	18.063	2561	2563	2567	rVB	180733	201921	1.48%	0.133%
79	18.157	2575	2579	2583	rBV3	294547	467566	3.42%	0.307%
80	18.292	2600	2602	2610	rVB4	129482	222378	1.62%	0.146%
81	18.363	2611	2614	2618	rBV3	125770	157814	1.15%	0.104%
82	18.445	2625	2628	2630	rBV3	152511	190835	1.39%	0.125%
83	18.716	2671	2674	2678	rVB2	310288	384201	2.81%	0.252%
84	18.980	2717	2719	2722	rBV2	213421	245534	1.79%	0.161%
85	19.151	2743	2748	2753	rBV	1825937	2383095	17.41%	1.565%
86	19.292	2767	2772	2777	rBV4	661600	1330721	9.72%	0.874%
87	19.433	2794	2796	2800	rBV	239577	242854	1.77%	0.159%
88	19.486	2800	2805	2814	rBV3	8127754	13688904	100.00%	8.990%
89	19.633	2828	2830	2835	rVB2	323547	380844	2.78%	0.250%
90	19.745	2847	2849	2854	rVB2	470312	628044	4.59%	0.412%
91	19.822	2859	2862	2868	rBV3	689529	950832	6.95%	0.624%
92	19.939	2878	2882	2886	rBV	822395	1018408	7.44%	0.669%
93	20.022	2892	2896	2900	rBV2	488522	873549	6.38%	0.574%
94	20.427	2961	2965	2971	rBV	2609059	3936331	28.76%	2.585%
95	20.480	2971	2974	2978	rVB	984350	1271082	9.29%	0.835%
96	21.022	3063	3066	3071	rVB3	794487	978178	7.15%	0.642%
97	21.216	3096	3099	3104	rVB	1172507	1271181	9.29%	0.835%
98	21.286	3106	3111	3115	rBV2	6441946	9270719	67.72%	6.089%
99	23.386	3463	3468	3473	rBV	3999534	7034722	51.39%	4.620%
100	23.527	3487	3492	3499	rVB	3224286	5847550	42.72%	3.840%

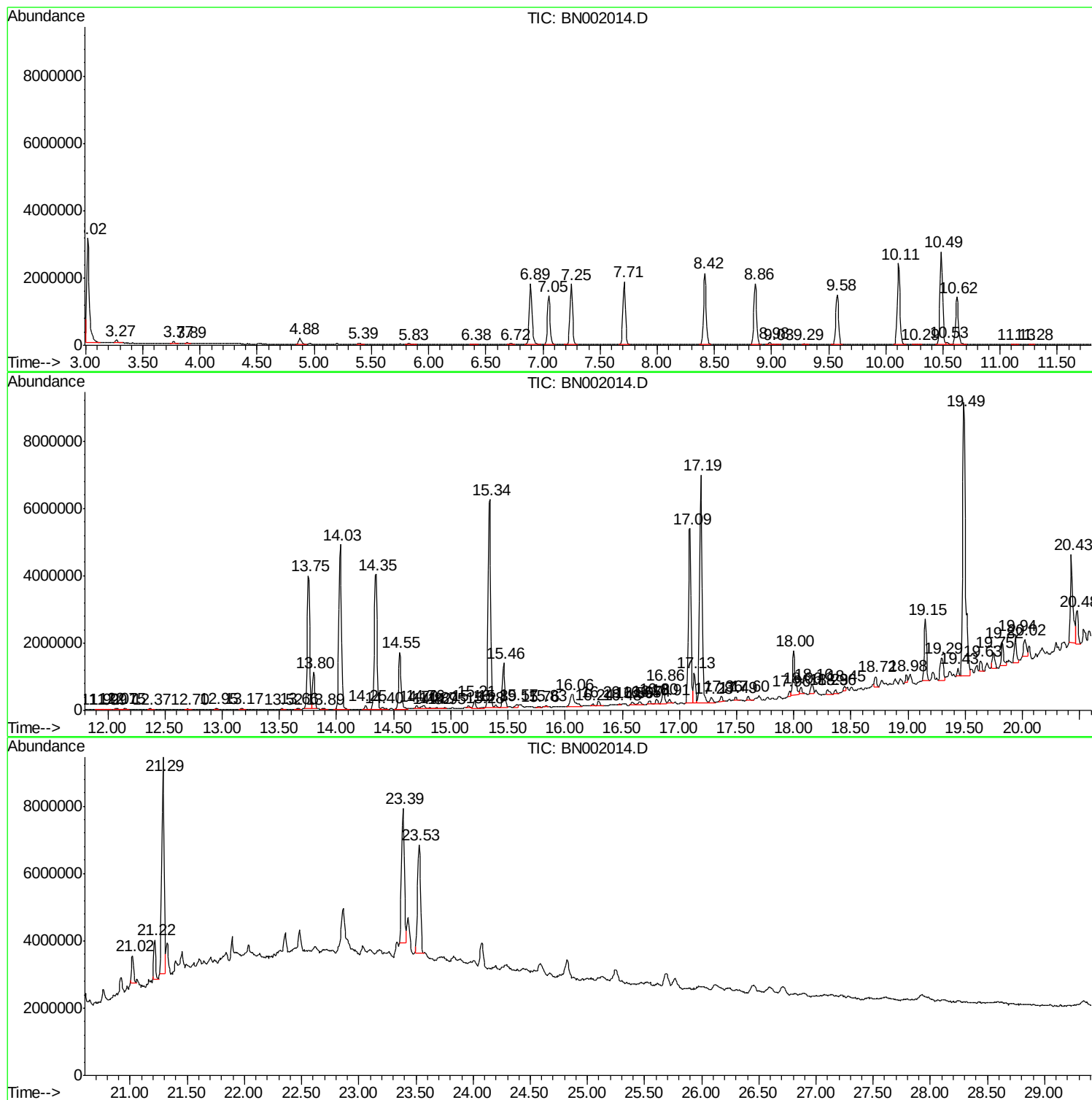
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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



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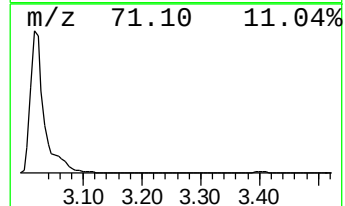
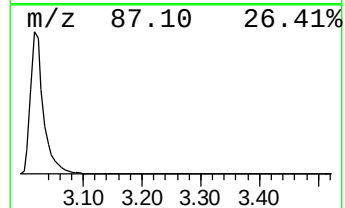
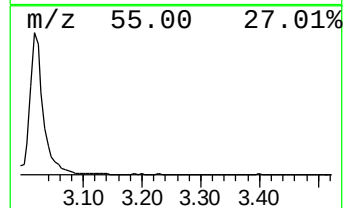
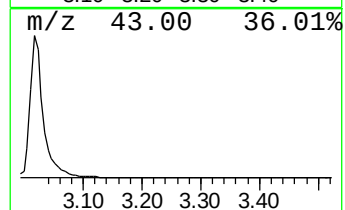
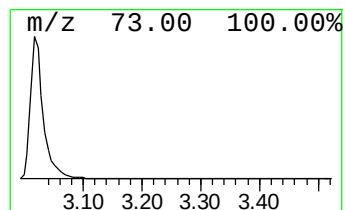
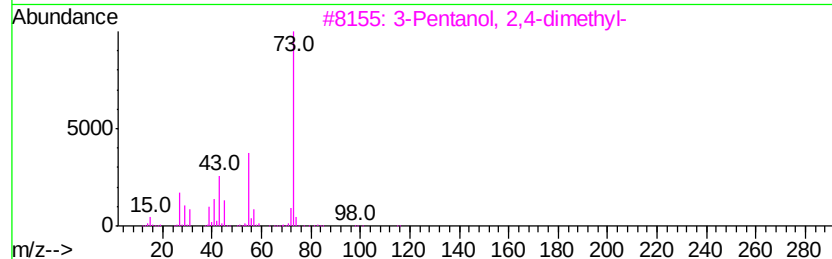
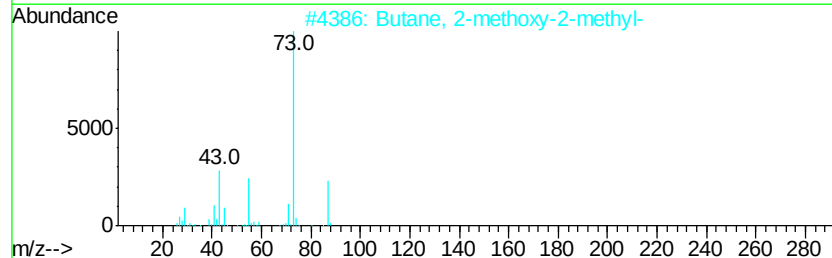
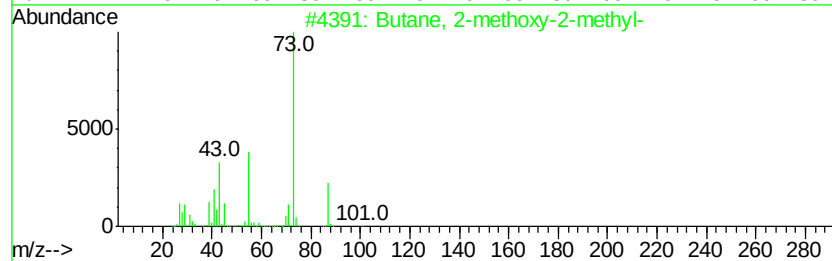
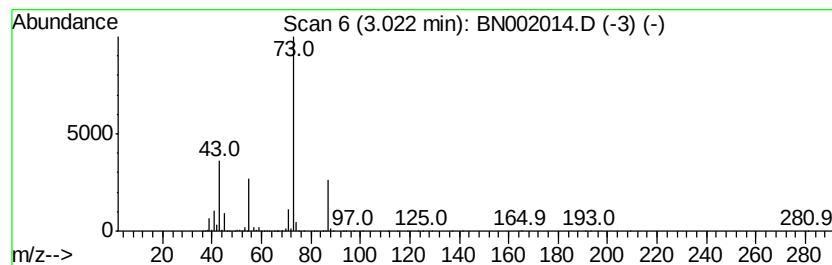
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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.
3.02	29.73 ng/ul	4463210	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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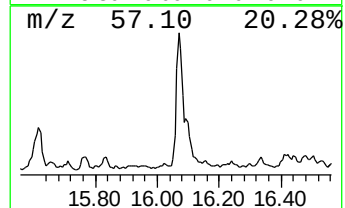
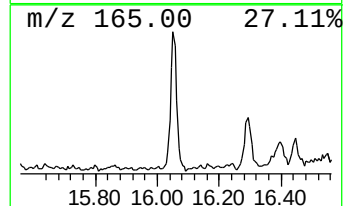
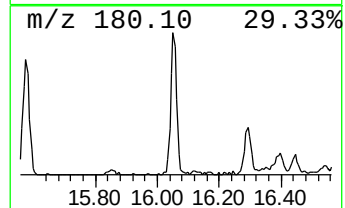
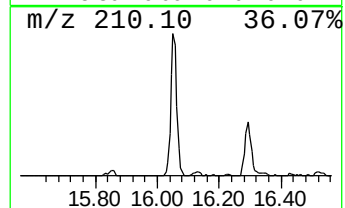
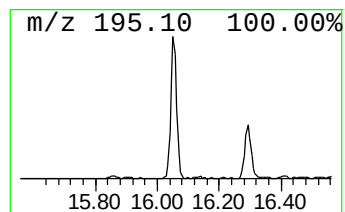
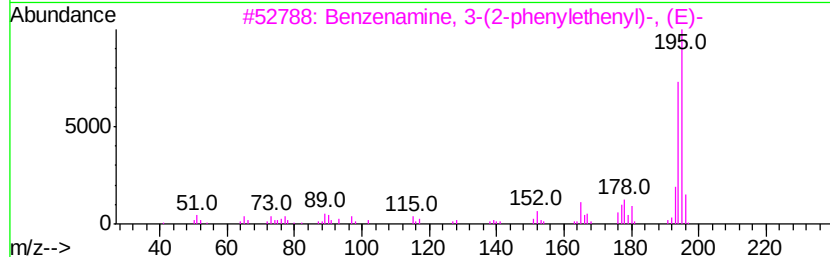
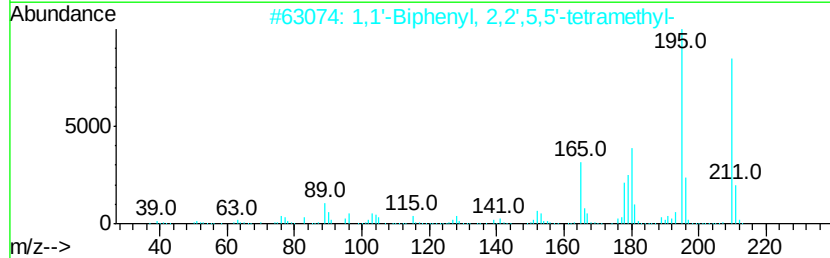
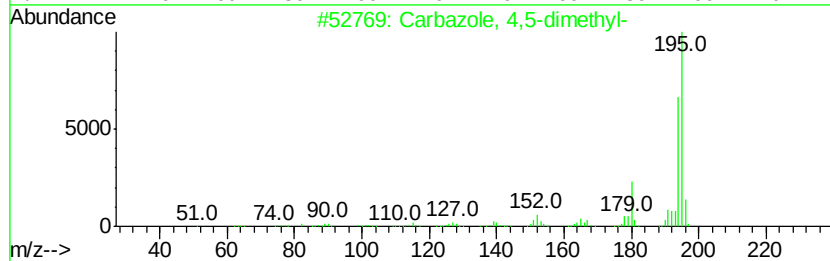
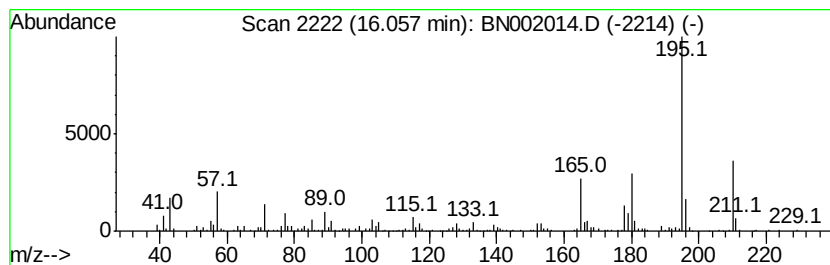
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Carbazole, 4,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.06	2.70 ng/ul	1055890	Phenanthrene-d10	17.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, 4,5-dimethyl-	195	C14H13N	018992-66-0	52
2	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	50
3	Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	38
4	Carbazole, 2,7-dimethyl-	195	C14H13N	018992-65-9	38
5	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	38



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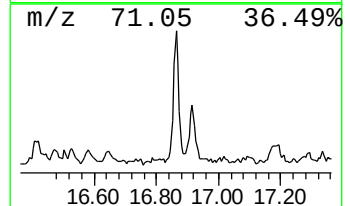
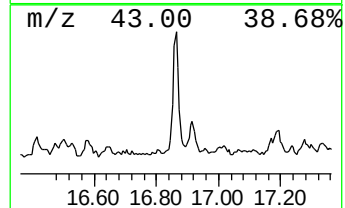
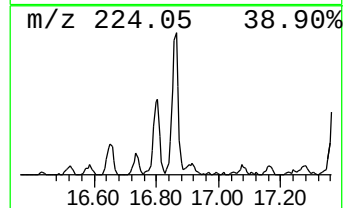
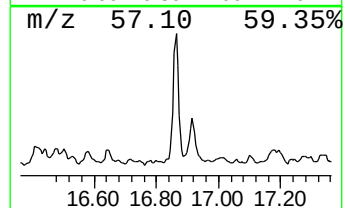
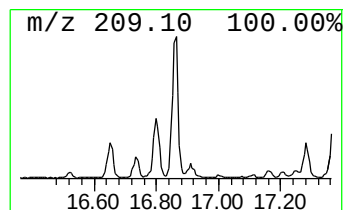
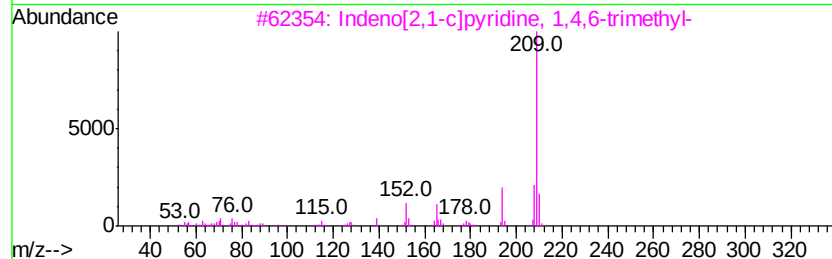
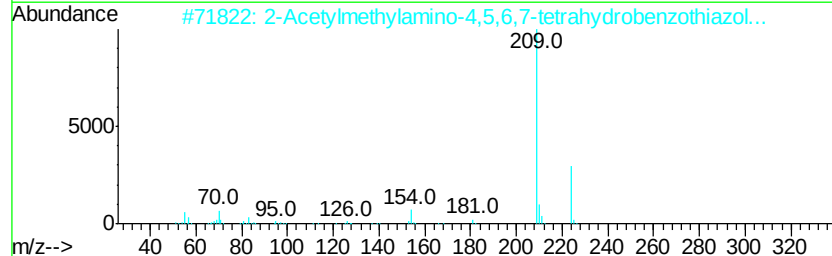
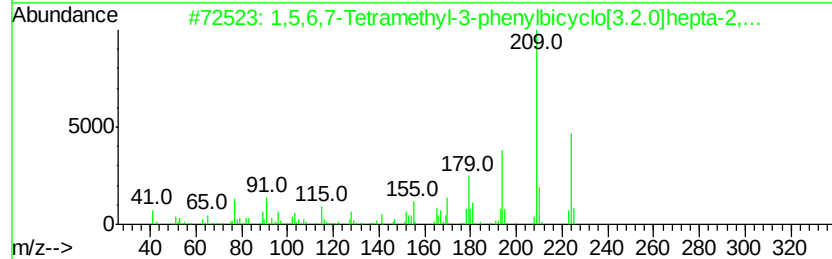
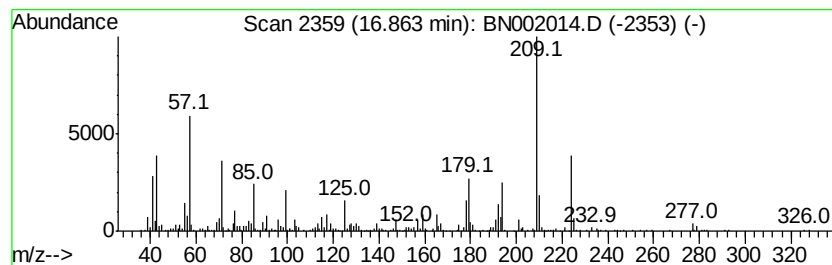
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,5,6,7-Tetramethyl-3-pheny... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.86	2.12 ng/ul	827830	Phenanthrene-d10	17.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,6,7-Tetramethyl-3-phenylbicy...	224	C17H20	126584-00-7	53	
2	2-Acetylmethylamino-4,5,6,7-tetr...	224	C10H12N2O2S	1000285-58-1	46	
3	Indeno[2,1-c]pyridine, 1,4,6-tri...	209	C15H15N	062736-77-0	38	
4	N1-(4,4-Dimethyl-1,3-thiazolan-2...	224	C11H13FN2S	281211-60-7	38	
5	1,8-Naphthyridine, 1,2,3,4,4a,5,...	224	C13H24N2O	069340-71-2	38	



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Data File : BN002014.D
Acq On : 11 Jul 2018 17:11
Operator : JU/SJ
Sample : J3775-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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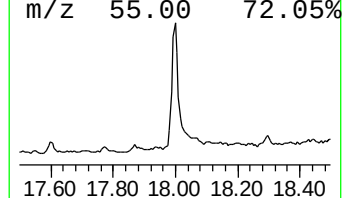
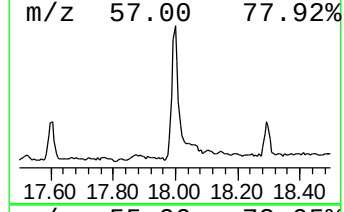
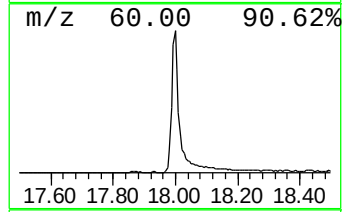
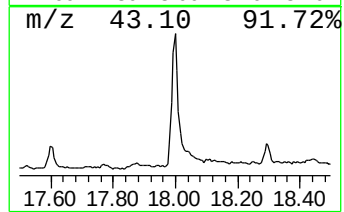
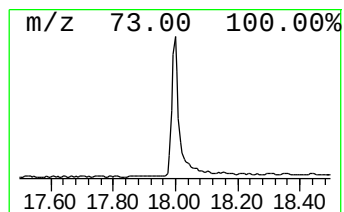
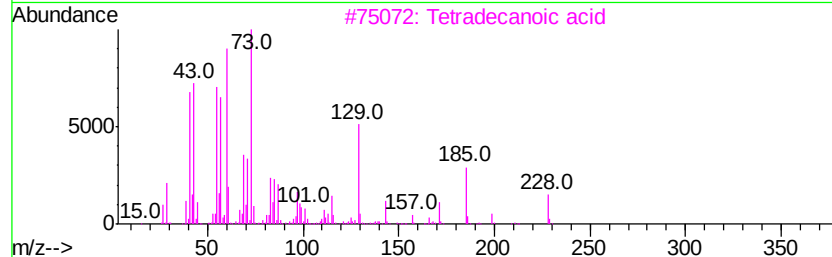
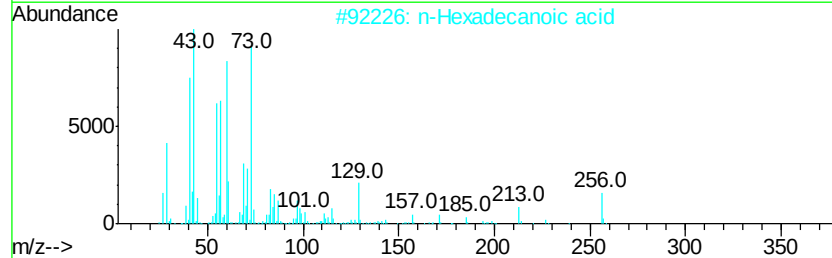
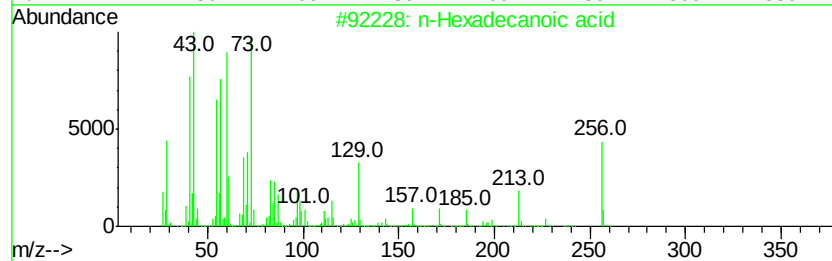
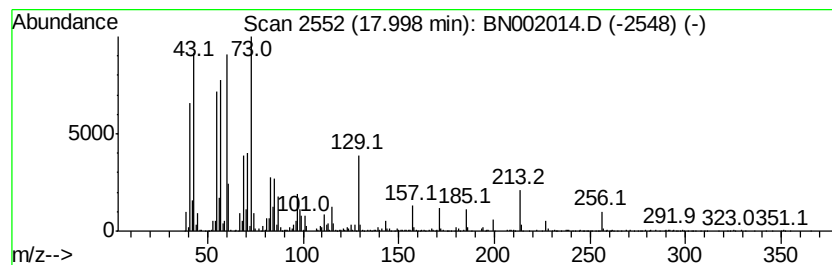
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	5.55 ng/ul	2166180	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
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Sample : J3775-19
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ALS Vial : 9 Sample Multiplier: 1

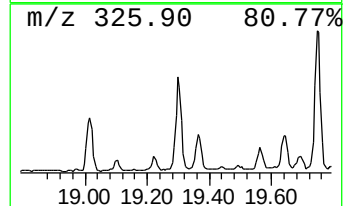
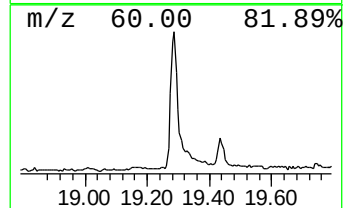
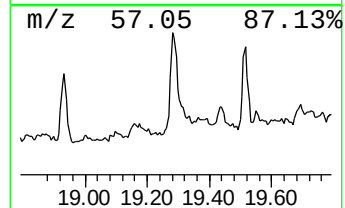
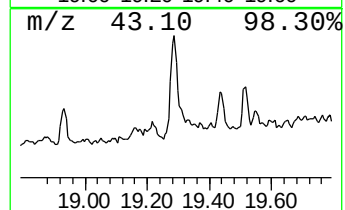
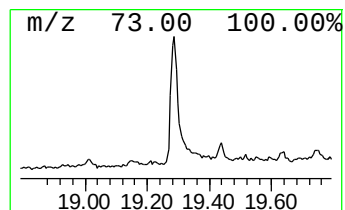
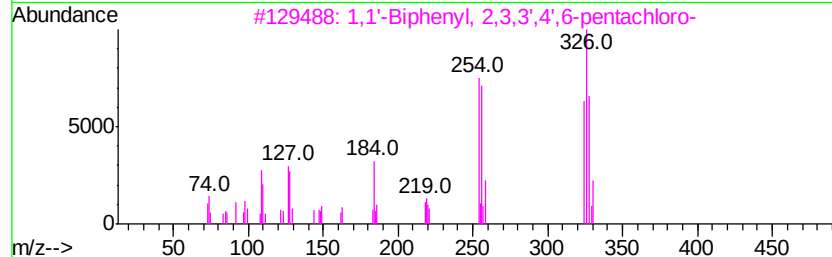
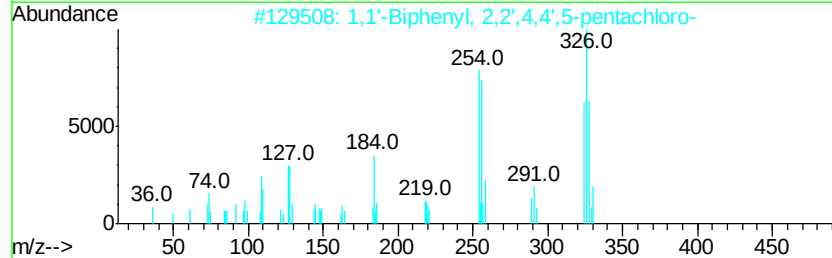
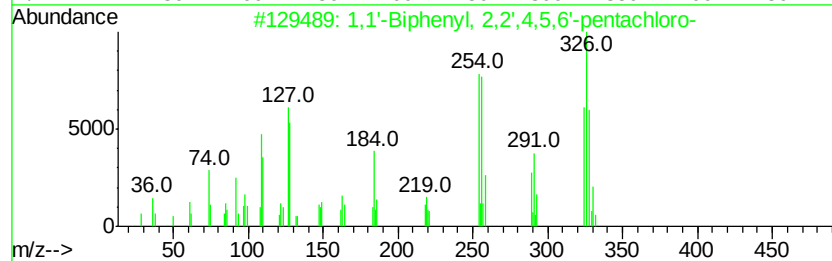
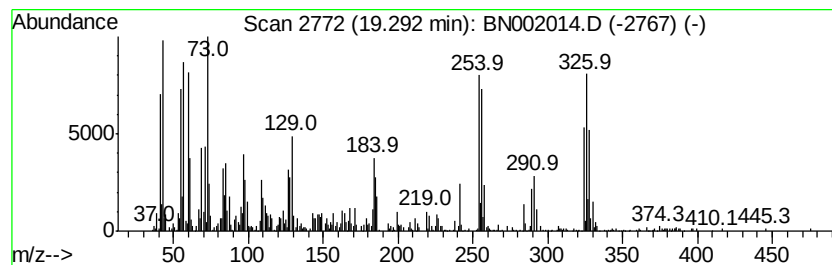
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,2',4,5,6'-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.87 ng/ul	1330720	Chrysene-d12	21.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9 96
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7 95
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9 95
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4 95
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1 95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
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Sample : J3775-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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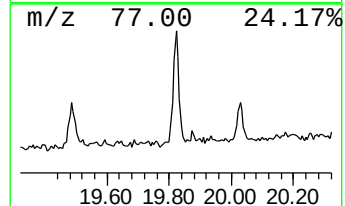
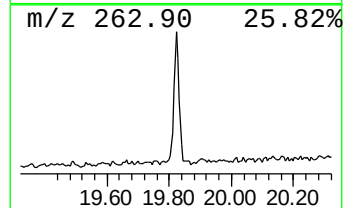
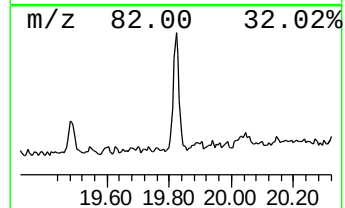
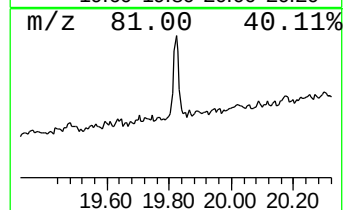
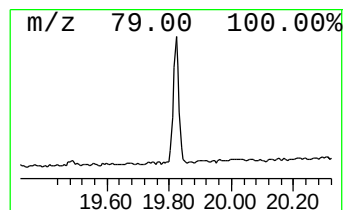
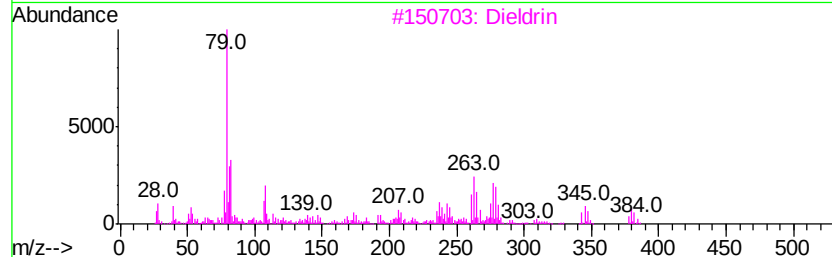
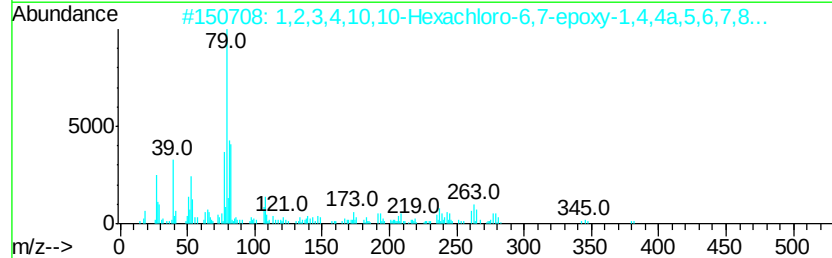
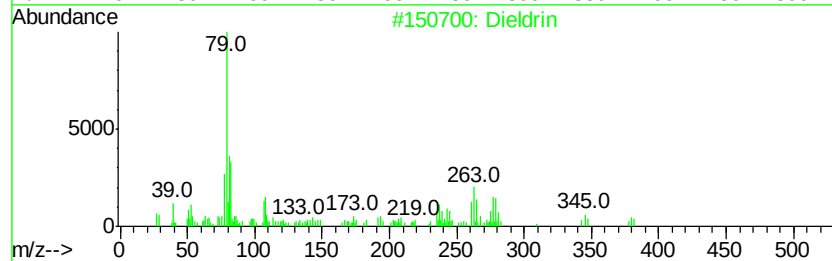
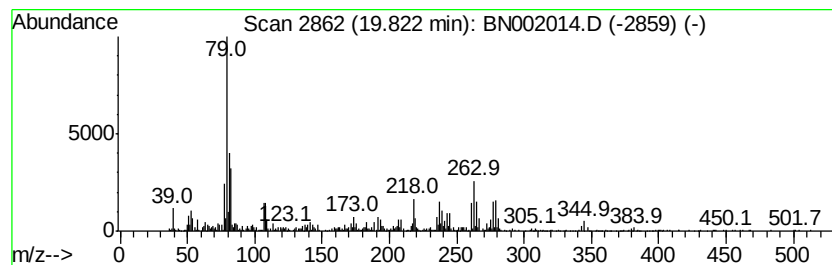
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Dieldrin Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	2.05 ng/ul	950832	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dieldrin	378	C12H8Cl6O	000060-57-1	95
2		1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	91
3		Dieldrin	378	C12H8Cl6O	000060-57-1	64
4		Dieldrin	378	C12H8Cl6O	000060-57-1	55
5		1,3-Cyclohexadiene, 5-ethyl-	108	C8H12	040085-08-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002014.D
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Operator : JU/SJ
Sample : J3775-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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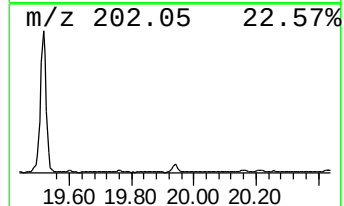
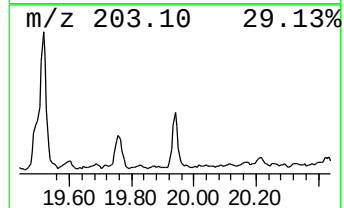
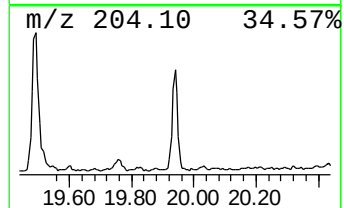
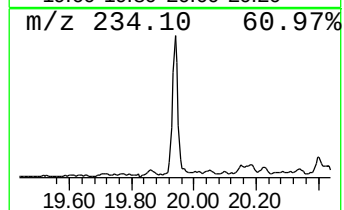
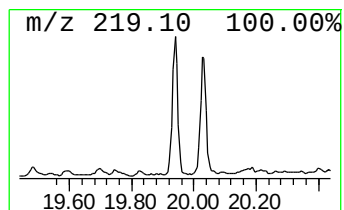
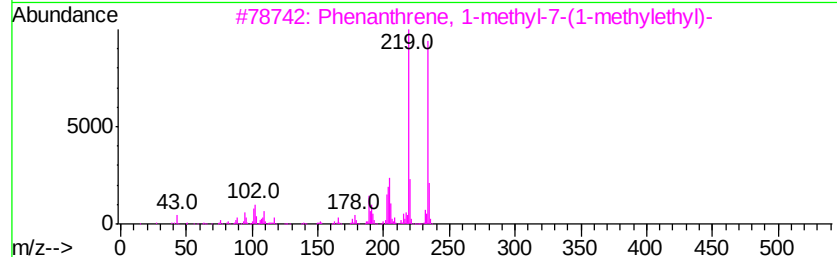
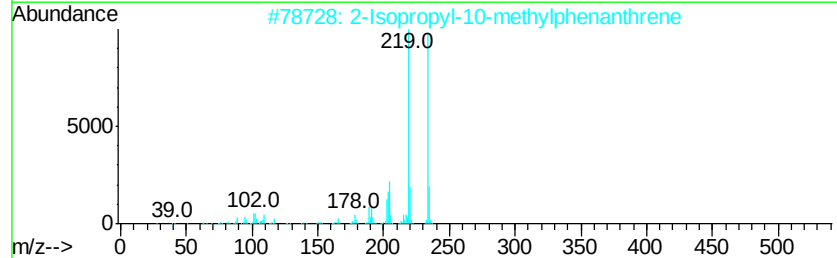
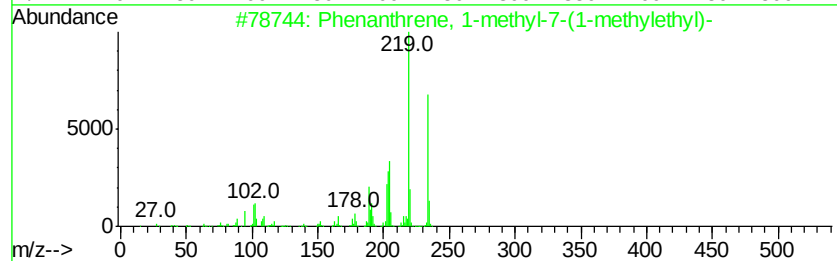
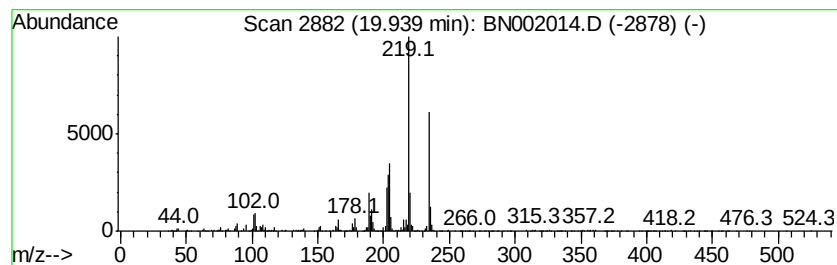
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl-7-(1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.20 ng/ul	1018410	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3		Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	91
4		Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	90
5		Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002014.D
Acq On : 11 Jul 2018 17:11
Operator : JU/SJ
Sample : J3775-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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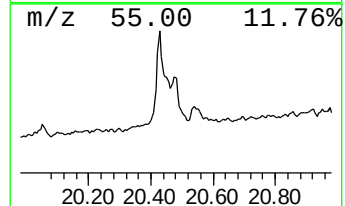
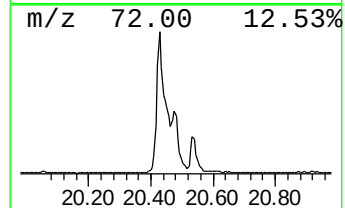
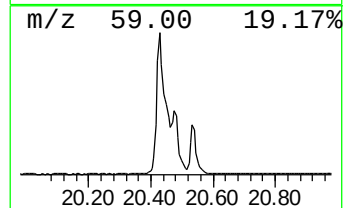
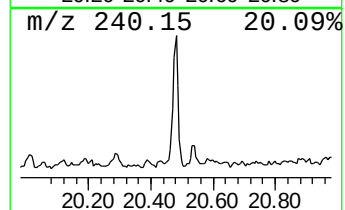
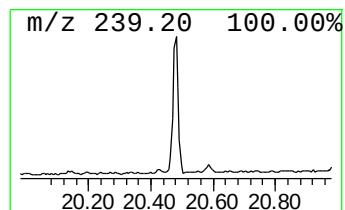
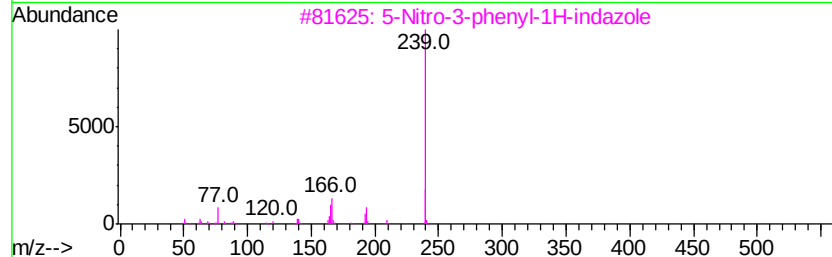
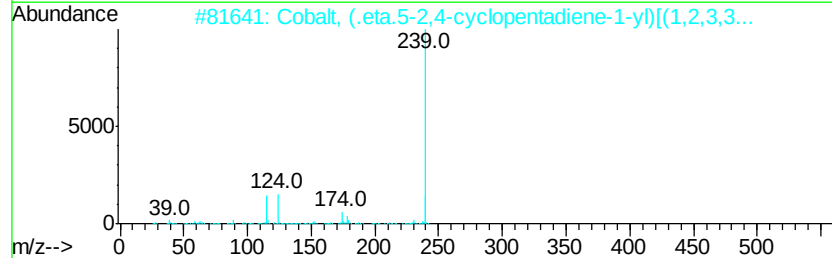
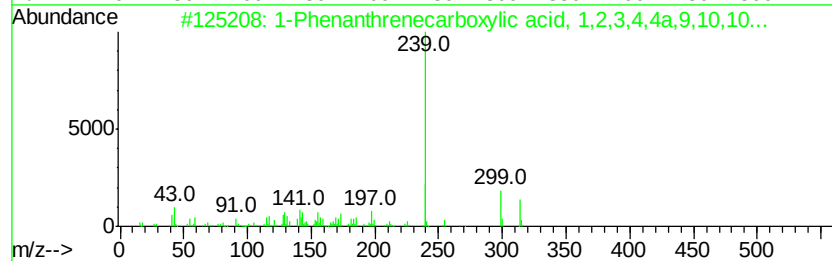
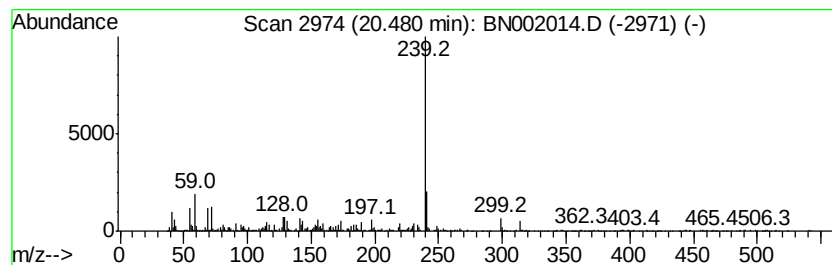
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	2.74 ng/ul	1271080	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenanthrenecarboxylic acid, 1...	314	C21H30O2	001235-74-1	47
2		Cobalt, (.eta.5-2,4-cyclopentadi...	239	C14H12Co	088242-61-9	45
3		5-Nitro-3-phenyl-1H-indazole	239	C13H9N3O2	293758-67-5	42
4		Dehydroabiatic acid, trimethylsi...	372	C23H36O2Si	021414-49-3	42
5		Benzaldehyde, 3-[4-(1,1-dimethyl...	254	C17H18O2	069770-23-6	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
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Sample : J3775-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

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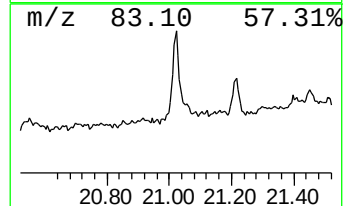
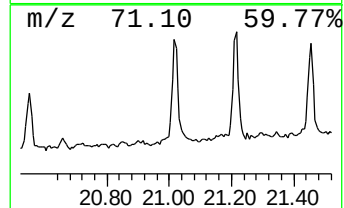
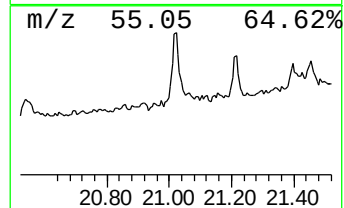
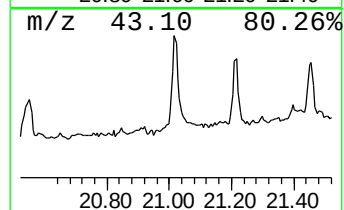
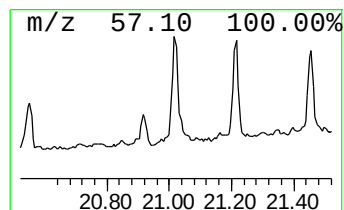
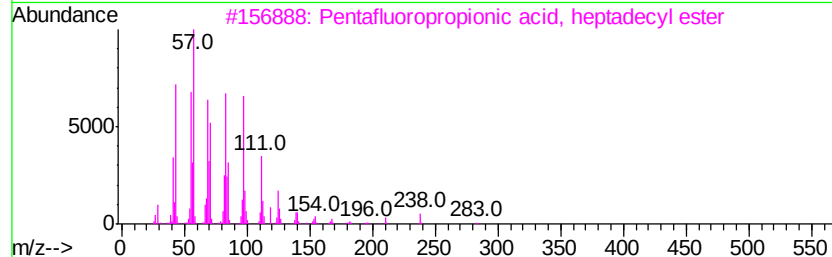
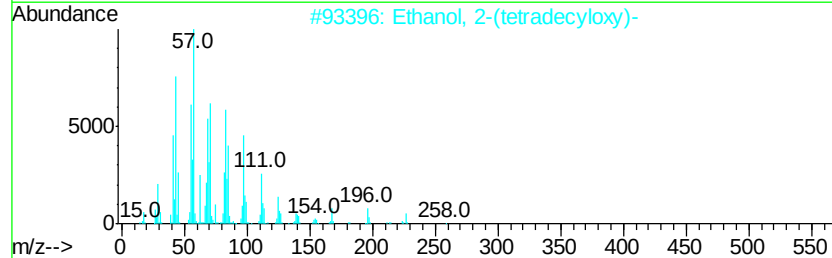
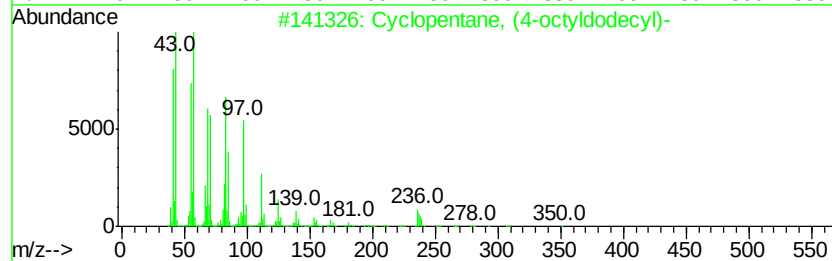
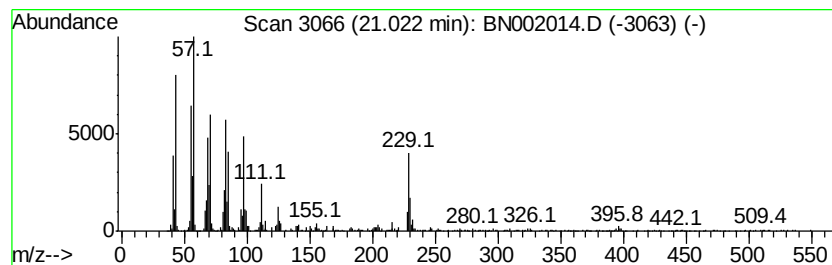
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic21.02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.11 ng/ul	978178	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	68
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	49
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	49
4		1-Bromodocosane	388	C22H45Br	006938-66-5	41
5		Octadecane	254	C18H38	000593-45-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
Data File : BN002014.D
Acq On : 11 Jul 2018 17:11
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Sample : J3775-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.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
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Carbazole, 4,5-di...	16.06	2.7	ng/ul	1055890	4	17.09	7808490	20.0
1,5,6,7-Tetrameth...	16.86	2.1	ng/ul	827830	4	17.09	7808490	20.0
n-Hexadecanoic acid	18.00	5.5	ng/ul	2166180	4	17.09	7808490	20.0
1,1'-Biphenyl, 2,...	19.29	2.9	ng/ul	1330720	5	21.29	9270720	20.0
Dieldrin	19.82	2.0	ng/ul	950832	5	21.29	9270720	20.0
Phenanthrene, 1-m...	19.94	2.2	ng/ul	1018410	5	21.29	9270720	20.0
unknown-01	20.48	2.7	ng/ul	1271080	5	21.29	9270720	20.0
(DEL) Alkane: Cyc...	21.02	2.1	ng/ul	978178	5	21.29	9270720	20.0