

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
 Data File : BM017808.D
 Acq On : 29 Nov 2018 22:34
 Operator : JU/SJ
 Sample : J6040-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB4L2

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_M\METHODS\SOM-EPA-BM111918MA.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	3.016	3	5	8	rBV	25063	24893	0.65%	0.126%
2	3.046	8	10	12	rVV2	13348	13698	0.36%	0.069%
3	3.069	12	14	16	rVV2	21068	19557	0.51%	0.099%
4	3.099	16	19	26	rVB	520194	541514	14.24%	2.743%
5	3.422	71	74	77	rBV2	15830	17659	0.46%	0.089%
6	3.875	144	151	155	rBV3	4753	7523	0.20%	0.038%
7	6.157	533	539	541	rBV3	3875	5741	0.15%	0.029%
8	6.716	630	634	641	rBV2	12353	18047	0.47%	0.091%
9	7.075	690	695	699	rBV3	18845	28218	0.74%	0.143%
10	7.240	719	723	728	rVB2	5271	6862	0.18%	0.035%
11	7.587	774	782	797	rBV	875946	1529689	40.23%	7.748%
12	8.234	886	892	901	rBV7	5346	11842	0.31%	0.060%
13	9.134	1040	1045	1052	rVB2	10083	15491	0.41%	0.078%
14	9.198	1052	1056	1059	rBV3	5191	8585	0.23%	0.043%
15	9.757	1146	1151	1152	rBV3	6476	9074	0.24%	0.046%
16	9.775	1152	1154	1160	rVB3	5084	6868	0.18%	0.035%
17	10.134	1210	1215	1221	rBV5	6073	10831	0.28%	0.055%
18	10.357	1245	1253	1269	rBV	1203041	2223560	58.48%	11.262%
19	10.516	1278	1280	1283	rVB3	6018	6378	0.17%	0.032%
20	11.269	1406	1408	1415	rVB4	6182	9951	0.26%	0.050%
21	11.381	1421	1427	1432	rBV7	8059	14475	0.38%	0.073%
22	11.457	1438	1440	1445	rVB3	4460	7146	0.19%	0.036%
23	11.616	1463	1467	1474	rVB7	8073	16610	0.44%	0.084%
24	11.763	1487	1492	1495	rBV5	4467	8335	0.22%	0.042%
25	12.233	1565	1572	1573	rBV4	9980	13685	0.36%	0.069%
26	12.486	1611	1615	1617	rBV3	4610	6222	0.16%	0.032%
27	12.639	1637	1641	1648	rVB6	7322	14267	0.38%	0.072%
28	12.698	1648	1651	1654	rVV4	3912	5895	0.16%	0.030%
29	12.751	1657	1660	1664	rVV3	11136	17219	0.45%	0.087%
30	12.804	1666	1669	1676	rVV7	7600	13152	0.35%	0.067%
31	12.875	1680	1681	1689	rVB6	4626	8006	0.21%	0.041%
32	12.986	1696	1700	1703	rBV5	6097	9768	0.26%	0.049%
33	13.157	1723	1729	1735	rVB9	7860	17840	0.47%	0.090%
34	13.210	1735	1738	1743	rVB6	6787	9512	0.25%	0.048%

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 Title : SVOA CALIBRATION

35	13.286	1747	1751	1755	rVB6	5467	7974	0.21%	0.040%
36	13.328	1755	1758	1763	rVB7	6905	11123	0.29%	0.056%
37	13.398	1763	1770	1771	rBV6	14105	18025	0.47%	0.091%
38	13.416	1771	1773	1777	rVB4	10172	12496	0.33%	0.063%
39	13.498	1785	1787	1791	rVB5	5512	6616	0.17%	0.034%
40	13.557	1791	1797	1801	rBV4	21014	42771	1.12%	0.217%
41	13.610	1803	1806	1807	rVV3	12145	14830	0.39%	0.075%
42	13.633	1808	1810	1816	rVB6	18438	27207	0.72%	0.138%
43	13.716	1820	1824	1828	rBV5	13809	21223	0.56%	0.107%
44	13.786	1834	1836	1840	rVB2	6844	6898	0.18%	0.035%
45	13.880	1850	1852	1856	rVB5	7133	10289	0.27%	0.052%
46	13.927	1856	1860	1861	rBV4	6530	7102	0.19%	0.036%
47	13.957	1861	1865	1867	rBV4	14062	16587	0.44%	0.084%
48	14.051	1878	1881	1884	rBV4	13113	17328	0.46%	0.088%
49	14.192	1898	1905	1906	rBV7	9911	15280	0.40%	0.077%
50	14.233	1906	1912	1922	rVV2	1796345	2817699	74.11%	14.271%
51	14.457	1945	1950	1957	rBV10	16267	44936	1.18%	0.228%
52	14.522	1957	1961	1965	rBV4	13291	21860	0.57%	0.111%
53	14.645	1979	1982	1990	rVB7	22272	34036	0.90%	0.172%
54	14.716	1990	1994	1998	rBV3	14482	21515	0.57%	0.109%
55	14.763	1998	2002	2008	rBV7	9846	20339	0.53%	0.103%
56	14.869	2014	2020	2025	rBV5	20538	43662	1.15%	0.221%
57	15.022	2041	2046	2049	rBV7	20936	36420	0.96%	0.184%
58	15.192	2071	2075	2079	rBV7	10386	16363	0.43%	0.083%
59	15.286	2086	2091	2097	rBV7	22362	51367	1.35%	0.260%
60	15.416	2109	2113	2117	rBV7	13220	22730	0.60%	0.115%
61	15.504	2123	2128	2136	rBV2	40957	69857	1.84%	0.354%
62	15.592	2138	2143	2150	rVB10	20349	55365	1.46%	0.280%
63	15.663	2154	2155	2158	rVB3	7969	5798	0.15%	0.029%
64	15.721	2162	2165	2166	rBV3	11379	12193	0.32%	0.062%
65	15.751	2166	2170	2175	rVB8	22548	38558	1.01%	0.195%
66	15.798	2175	2178	2185	rBV6	23049	53564	1.41%	0.271%
67	15.986	2203	2210	2215	rBV4	104934	188132	4.95%	0.953%
68	16.080	2222	2226	2227	rBV4	16988	22588	0.59%	0.114%
69	16.104	2227	2230	2233	rVV5	24685	31937	0.84%	0.162%
70	16.810	2346	2350	2357	rVB2	142777	223791	5.89%	1.133%
71	16.986	2375	2380	2386	rBV2	1912821	2872114	75.54%	14.547%

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Integration Parameters: LSCINT.P

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Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Title : SVOA CALIBRATION

72	17.415	2449	2453	2458	rBV2	98543	152873	4.02%	0.774%
73	17.704	2499	2502	2509	rBV7	172169	262195	6.90%	1.328%
74	17.786	2512	2516	2520	rVV2	283302	392961	10.34%	1.990%
75	18.162	2577	2580	2584	rVB	272357	352883	9.28%	1.787%
76	19.592	2819	2823	2827	rBV2	544141	847118	22.28%	4.291%
77	21.192	3092	3095	3099	rBV	2086700	2314778	60.88%	11.724%
78	24.386	3634	3638	3648	rVB2	1676880	3802082	100.00%	19.257%

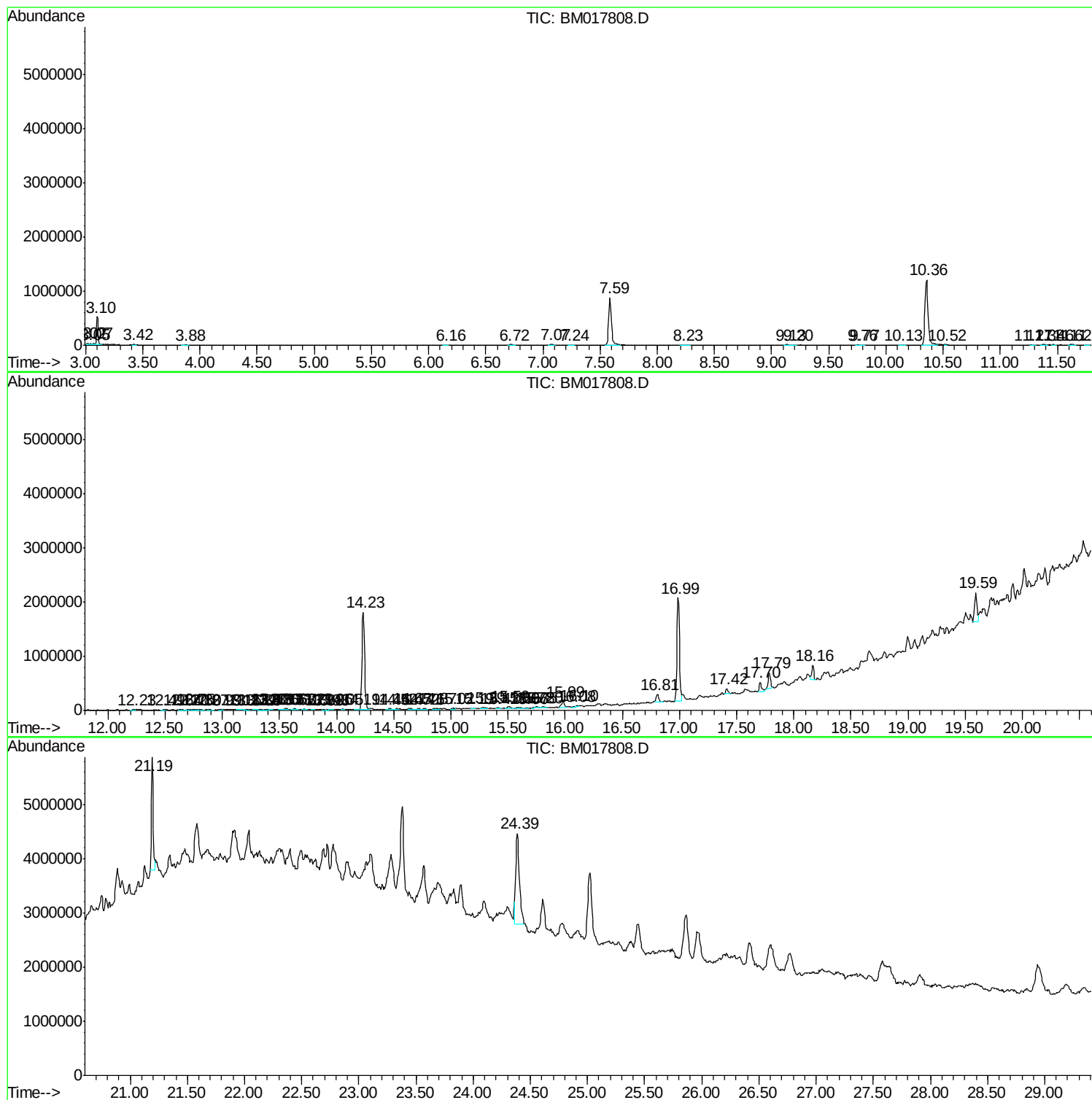
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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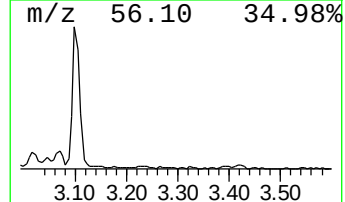
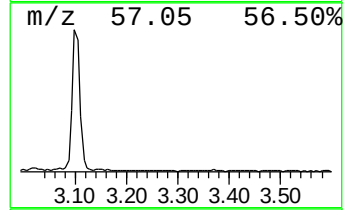
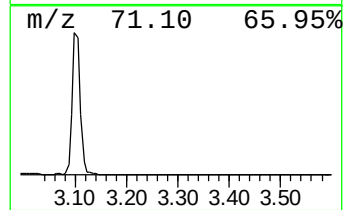
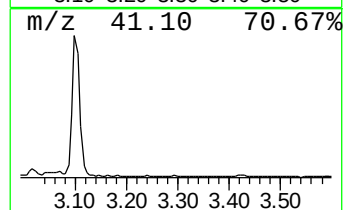
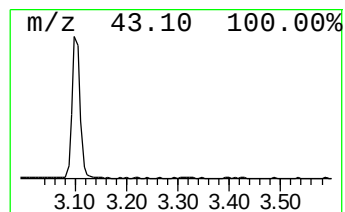
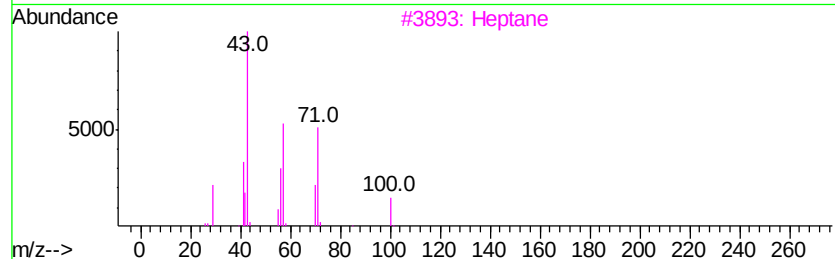
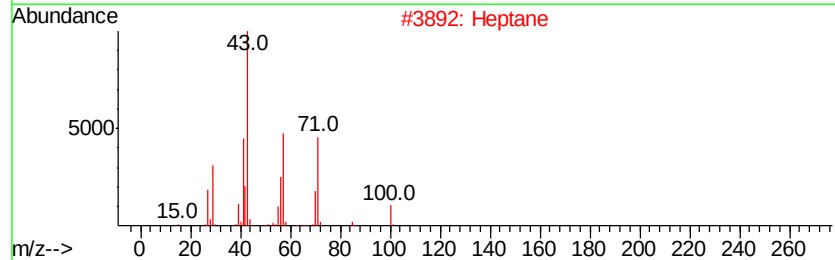
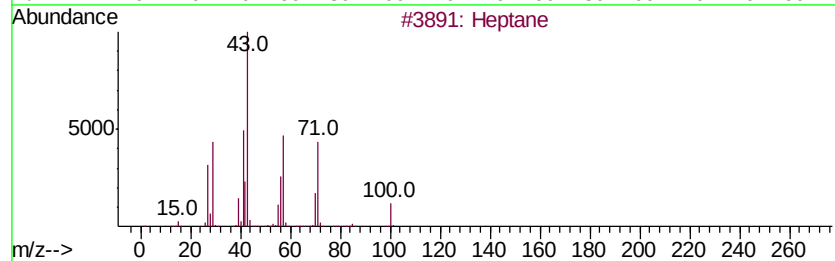
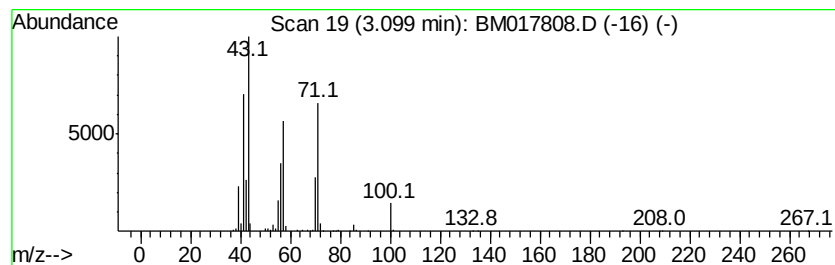
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	7.08 ng/ul	541514	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	90
2	Heptane			100	C7H16	000142-82-5	87
3	Heptane			100	C7H16	000142-82-5	87
4	Heptane			100	C7H16	000142-82-5	87
5	Octane, 3,3-dimethyl-			142	C10H22	004110-44-5	47



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ALS Vial : 18 Sample Multiplier: 1

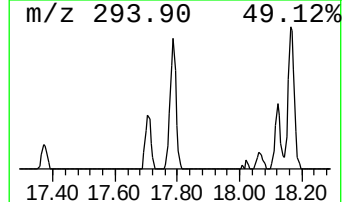
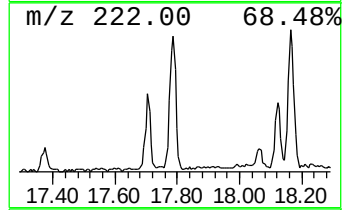
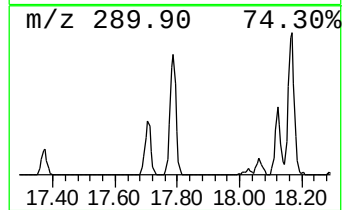
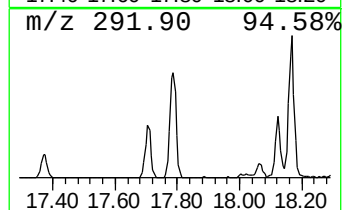
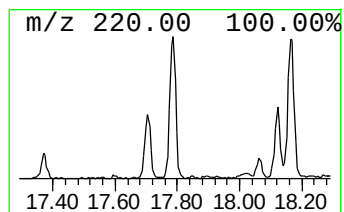
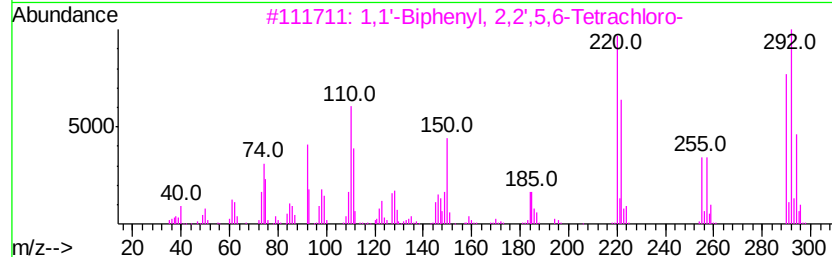
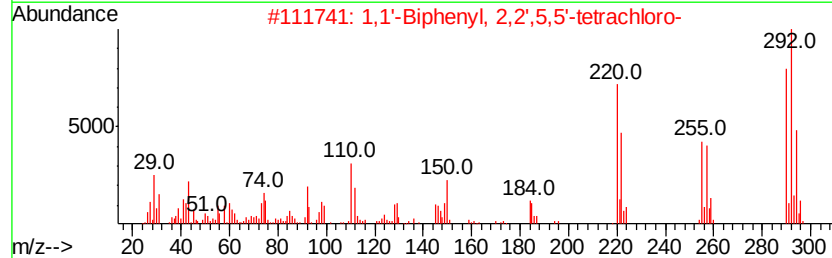
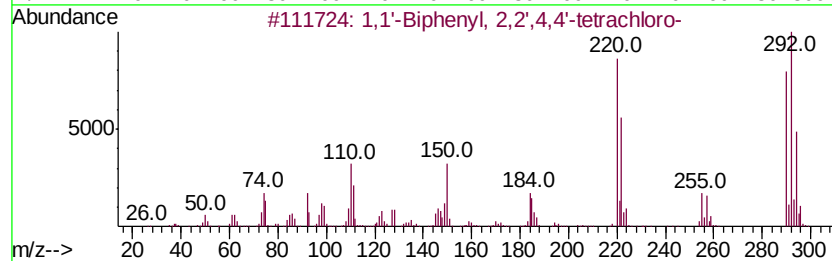
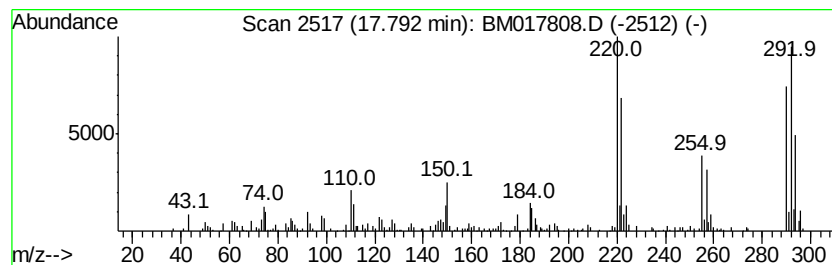
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.79	2.74 ng/ul	392961	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrachl...	290	C12H6Cl4	002437-79-8	99	
2	1,1'-Biphenyl, 2,2',5,5'-tetrachl...	290	C12H6Cl4	035693-99-3	99	
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99	
4	1,1'-Biphenyl, 2,3,3',5'-tetrachl...	290	C12H6Cl4	041464-49-7	99	
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99	



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Misc :
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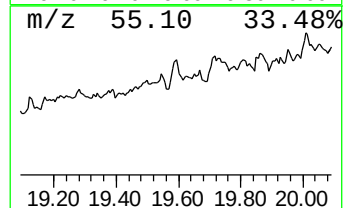
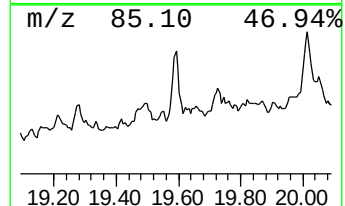
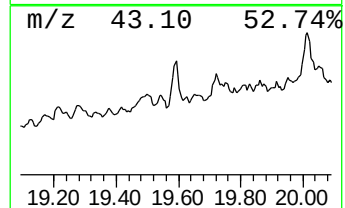
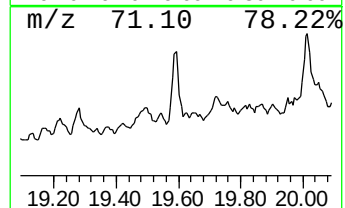
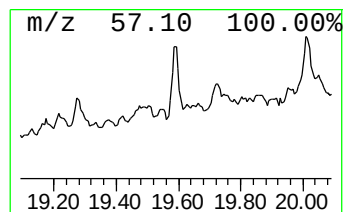
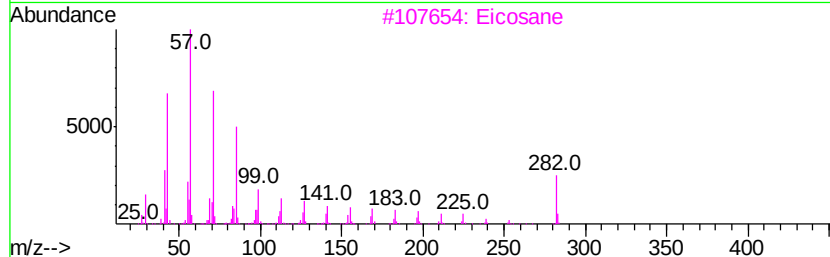
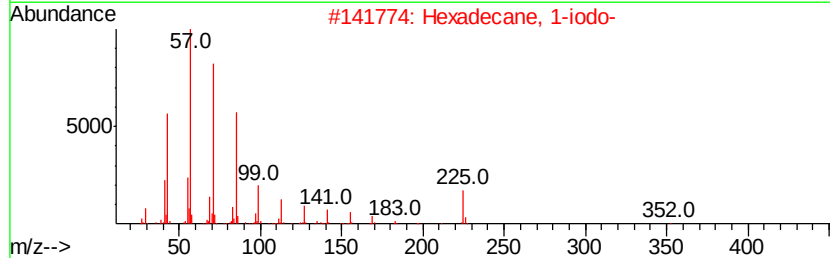
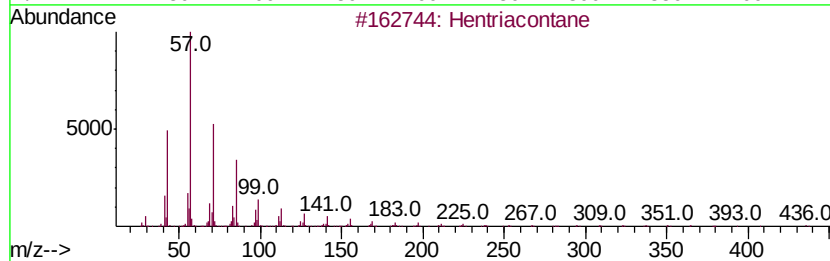
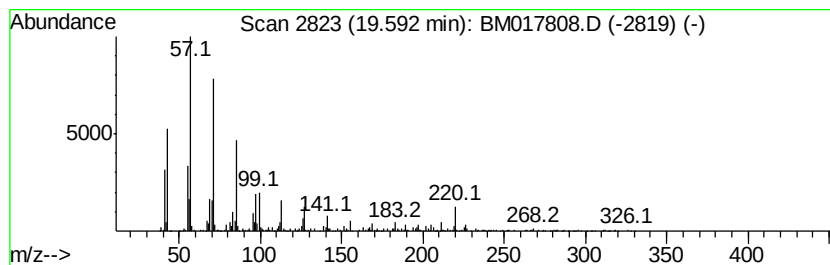
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	7.32 ng/ul	847118	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	86
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
3		Eicosane	282	C20H42	000112-95-8	83
4		Docosane	310	C22H46	000629-97-0	83
5		Pentacosane	352	C25H52	000629-99-2	83



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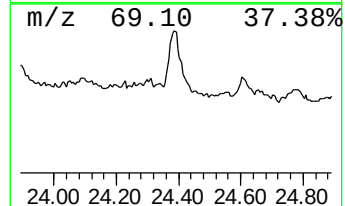
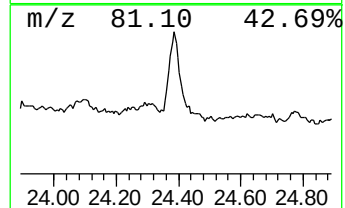
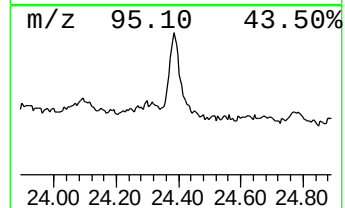
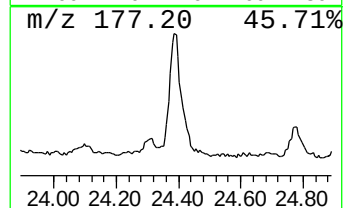
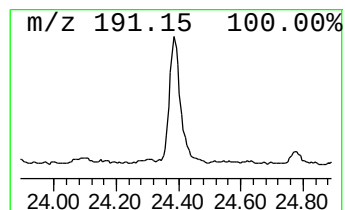
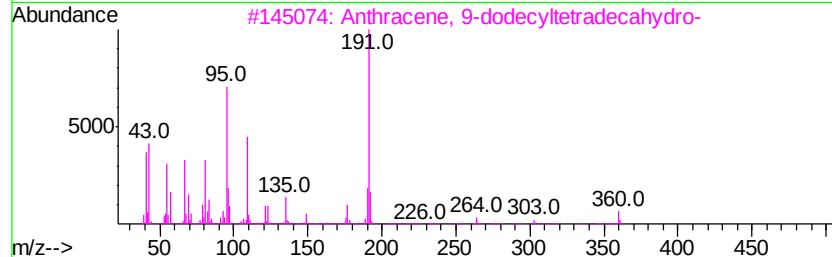
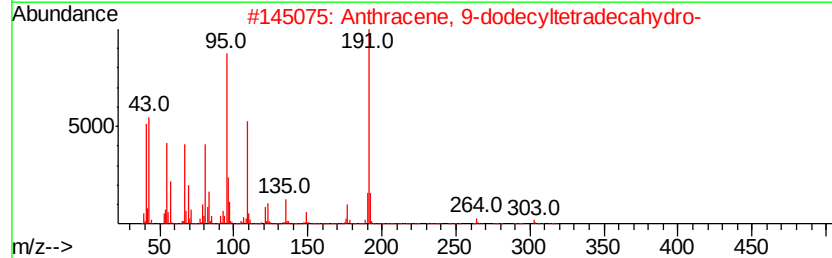
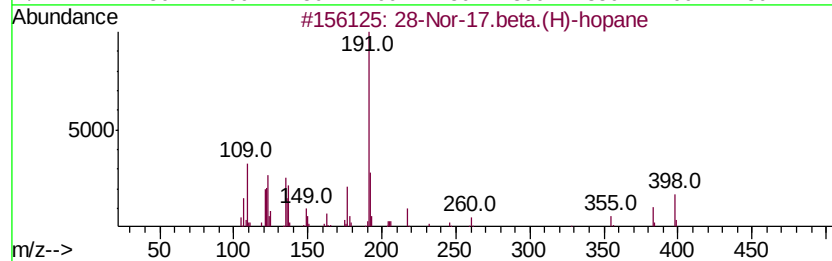
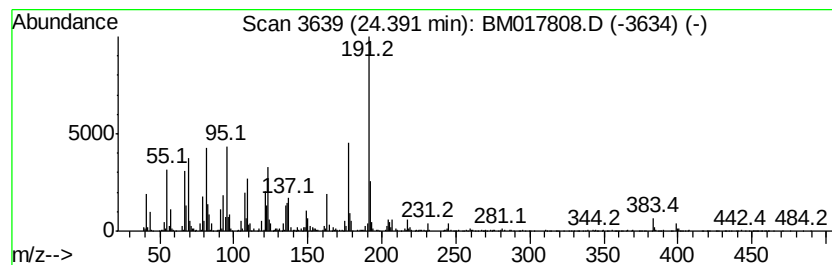
Instrument :
BNA_M
ClientSampled :
CB4L2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 28-Nor-17.beta.(H)-hopane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.39	20.00 ng/ul	3802080	Perylene-d12	23.38
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0	70
2	Anthracene, 9-dodecyltetradecahy...	360 C26H48	055401-75-7	50
3	Anthracene, 9-dodecyltetradecahy...	360 C26H48	055401-75-7	40
4	.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2	38
5	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206 C14H22O	1000195-40-9	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112918\
Data File : BM017808.D
Acq On : 29 Nov 2018 22:34
Operator : JU/SJ
Sample : J6040-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB4L2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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
(DEL) Alkane: Str...	3.10	7.1	ng/ul	541514	1	7.59	1529690	20.0
1,1'-Biphenyl, 2,...	17.79	2.7	ng/ul	392961	4	16.99	2872110	20.0
(DEL) Alkane: Str...	19.59	7.3	ng/ul	847118	5	21.19	2314780	20.0
28-Nor-17.beta.(H...	24.39	20.0	ng/ul	3802080	6	23.38	3802080	20.0