

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
 Data File : BM023137.D
 Acq On : 11 Oct 2019 19:32
 Operator : JU
 Sample : K5124-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLM91

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-BM092719MA.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	3.252	42	45	56	rVB	51726	74480	1.64%	0.148%
2	3.769	130	133	141	rVB3	8971	13293	0.29%	0.026%
3	3.893	150	154	159	rVB2	15402	24012	0.53%	0.048%
4	3.981	165	169	173	rVB	15759	18822	0.41%	0.037%
5	4.340	228	230	240	rVB6	3441	6856	0.15%	0.014%
6	4.898	323	325	330	rBV	5272	7118	0.16%	0.014%
7	5.098	355	359	364	rVB2	9235	13548	0.30%	0.027%
8	5.293	388	392	397	rVB	16153	22928	0.50%	0.046%
9	5.422	410	414	421	rBV5	3592	7157	0.16%	0.014%
10	5.769	469	473	476	rBV2	10161	15395	0.34%	0.031%
11	6.269	552	558	563	rBV2	9375	15694	0.35%	0.031%
12	6.457	584	590	596	rVB2	11213	19291	0.42%	0.038%
13	6.940	664	672	687	rBV	813806	1445333	31.81%	2.875%
14	7.104	693	700	711	rBV	611766	982505	21.62%	1.954%
15	7.198	711	716	727	rVV	29380	52019	1.14%	0.103%
16	7.304	727	734	747	rVV	897183	1411277	31.06%	2.807%
17	7.398	747	750	758	rVB5	6086	12723	0.28%	0.025%
18	7.769	806	813	821	rBV	633401	986424	21.71%	1.962%
19	7.839	821	825	830	rBV2	10198	15932	0.35%	0.032%
20	8.216	886	889	894	rVB5	3243	5333	0.12%	0.011%
21	8.275	894	899	903	rBV6	2326	4757	0.10%	0.009%
22	8.475	926	933	948	rBV	952319	1575207	34.67%	3.133%
23	8.592	948	953	960	rVB	83931	133978	2.95%	0.266%
24	8.875	995	1001	1002	rBV3	6064	9460	0.21%	0.019%
25	8.922	1002	1009	1019	rVV	745276	1227879	27.02%	2.442%
26	8.998	1019	1022	1026	rVV2	5792	7949	0.17%	0.016%
27	9.051	1026	1031	1034	rVV5	3467	6312	0.14%	0.013%
28	9.092	1034	1038	1043	rVB4	6841	9730	0.21%	0.019%
29	9.281	1066	1070	1080	rBV2	20670	46627	1.03%	0.093%
30	9.357	1080	1083	1088	rVB2	12245	17700	0.39%	0.035%
31	9.639	1124	1131	1145	rBV	624450	1049880	23.11%	2.088%
32	9.998	1183	1192	1204	rVB	40620	68909	1.52%	0.137%
33	10.181	1216	1223	1239	rVB	1015388	1689290	37.18%	3.360%
34	10.557	1278	1287	1294	rBV	829300	1361432	29.96%	2.708%

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35	10.604	1294	1295	1301	rVB	5901	5685	0.13%	0.011%
36	10.692	1303	1310	1331	rBV	758107	1373722	30.23%	2.732%
37	11.304	1411	1414	1419	rBV4	3419	6266	0.14%	0.012%
38	11.363	1419	1424	1428	rVB4	3966	7154	0.16%	0.014%
39	11.904	1510	1516	1523	rBV3	4725	10724	0.24%	0.021%
40	12.098	1545	1549	1553	rVB3	4322	6138	0.14%	0.012%
41	12.145	1553	1557	1566	rBV	14404	24821	0.55%	0.049%
42	12.216	1566	1569	1575	rVB3	4129	6624	0.15%	0.013%
43	12.339	1586	1590	1592	rBV3	5077	6676	0.15%	0.013%
44	12.445	1603	1608	1611	rBV2	3335	4951	0.11%	0.010%
45	12.751	1655	1660	1667	rBV4	7493	16486	0.36%	0.033%
46	13.016	1699	1705	1709	rVB3	3398	5515	0.12%	0.011%
47	13.239	1738	1743	1748	rVB4	6555	8856	0.19%	0.018%
48	13.310	1748	1755	1761	rBV3	22800	41028	0.90%	0.082%
49	13.374	1763	1766	1771	rVB2	6339	7682	0.17%	0.015%
50	13.733	1823	1827	1829	rBV3	5903	8160	0.18%	0.016%
51	13.816	1835	1841	1846	rBV	1565057	2140414	47.11%	4.257%
52	13.863	1846	1849	1859	rVV	370318	495725	10.91%	0.986%
53	13.945	1861	1863	1871	rVB3	2924	5978	0.13%	0.012%
54	14.098	1878	1889	1900	rBV	1878151	2807923	61.80%	5.585%
55	14.316	1922	1926	1930	rVB3	6937	8892	0.20%	0.018%
56	14.404	1934	1941	1951	rBV	1101360	1666244	36.67%	3.314%
57	14.610	1970	1976	1988	rBV	543289	887446	19.53%	1.765%
58	14.763	1997	2002	2008	rVB3	14030	22679	0.50%	0.045%
59	14.827	2008	2013	2018	rBV	51977	81228	1.79%	0.162%
60	15.115	2060	2062	2067	rVB4	8723	11294	0.25%	0.022%
61	15.215	2075	2079	2083	rVV2	9451	14302	0.31%	0.028%
62	15.263	2084	2087	2091	rVB3	7442	9272	0.20%	0.018%
63	15.398	2104	2110	2117	rBV	2277103	3273440	72.04%	6.511%
64	15.451	2117	2119	2125	rVV6	13730	22366	0.49%	0.044%
65	15.521	2125	2131	2141	rVV	568019	793304	17.46%	1.578%
66	15.633	2146	2150	2155	rVB	29945	46604	1.03%	0.093%
67	15.957	2200	2205	2214	rBV	50318	85844	1.89%	0.171%
68	16.033	2214	2218	2223	rVB2	22667	31112	0.68%	0.062%
69	16.127	2231	2234	2236	rBV3	9534	7475	0.16%	0.015%
70	16.186	2241	2244	2249	rVB7	12905	17937	0.39%	0.036%
71	16.498	2294	2297	2303	rBV4	10264	16070	0.35%	0.032%

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72	16.557	2303	2307	2313	rBV6	24489	37909	0.83%	0.075%
73	16.633	2317	2320	2323	rBV3	23847	37979	0.84%	0.076%
74	16.927	2365	2370	2375	rBV8	16843	47070	1.04%	0.094%
75	17.151	2401	2408	2413	rBV2	1204377	1782379	39.23%	3.545%
76	17.186	2413	2414	2418	rVV	38598	36668	0.81%	0.073%
77	17.245	2418	2424	2434	rVV	2413883	3394204	74.70%	6.751%
78	17.668	2491	2496	2501	rVB	129747	188533	4.15%	0.375%
79	17.921	2536	2539	2542	rBV4	25322	41204	0.91%	0.082%
80	18.051	2557	2561	2567	rBV	204236	292686	6.44%	0.582%
81	18.115	2569	2572	2575	rVB	59016	72107	1.59%	0.143%
82	18.445	2624	2628	2635	rBV	102770	151969	3.34%	0.302%
83	18.909	2704	2707	2711	rBV3	62790	78317	1.72%	0.156%
84	19.539	2810	2814	2832	rVB	2981803	4282538	94.25%	8.518%
85	21.044	3065	3070	3079	rVB2	821239	1425379	31.37%	2.835%
86	21.250	3102	3105	3109	rVB	676069	702764	15.47%	1.398%
87	21.333	3115	3119	3124	rVB	1627942	1960684	43.15%	3.900%
88	21.927	3217	3220	3233	rVB2	556442	1122921	24.71%	2.233%
89	22.521	3317	3321	3326	rVB	1060654	1488367	32.76%	2.960%
90	23.444	3472	3478	3487	rBV	2337312	4543637	100.00%	9.037%
91	23.586	3498	3502	3510	rVB2	1240356	2246090	49.43%	4.467%

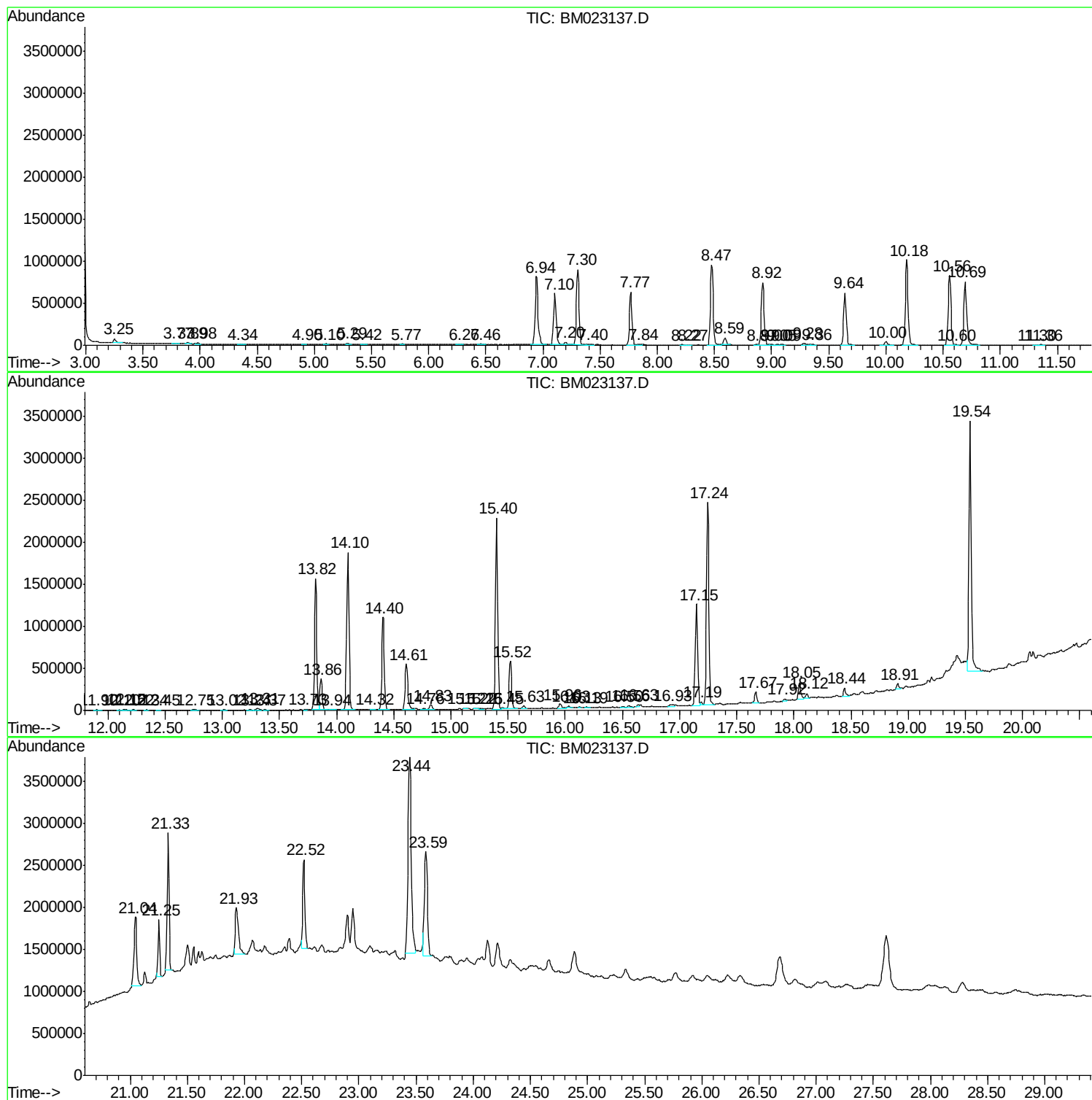
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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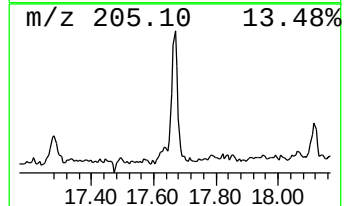
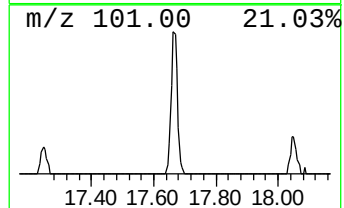
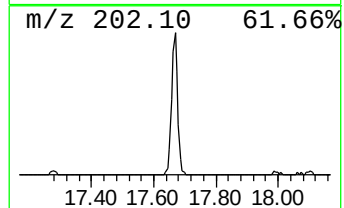
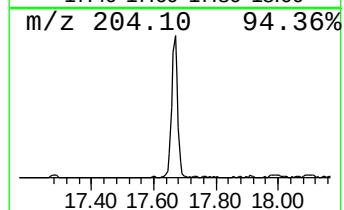
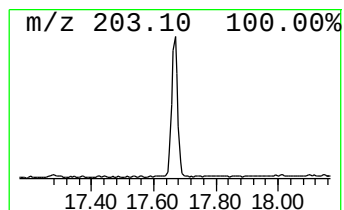
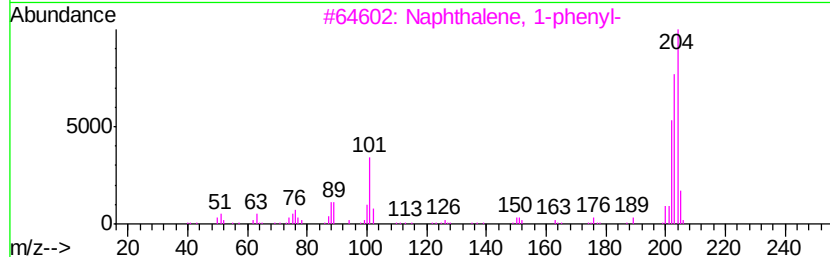
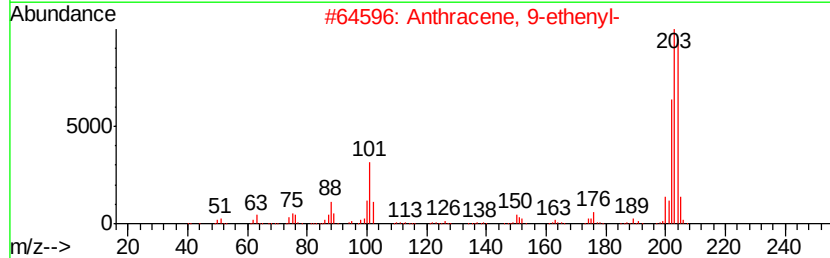
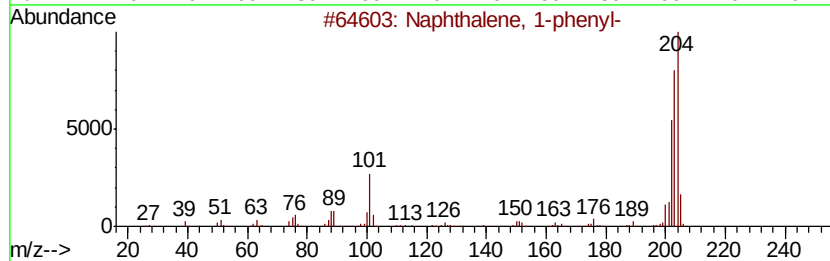
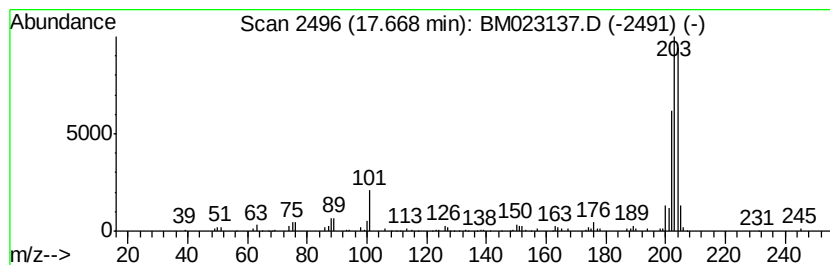
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 1-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.12 ng/ul	188533	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	95
2		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
4		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	78
5		1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76



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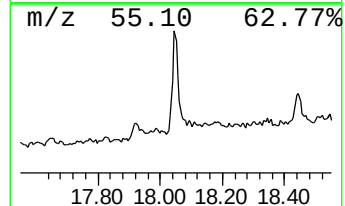
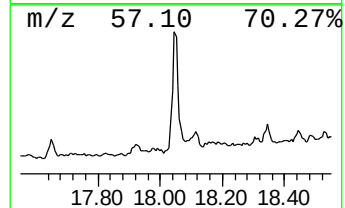
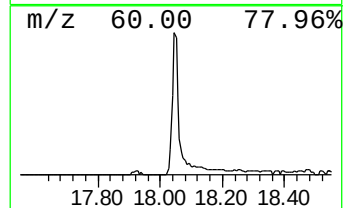
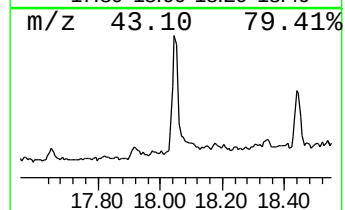
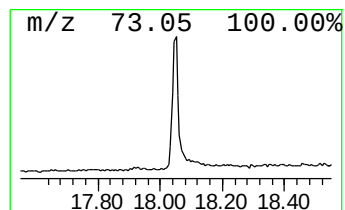
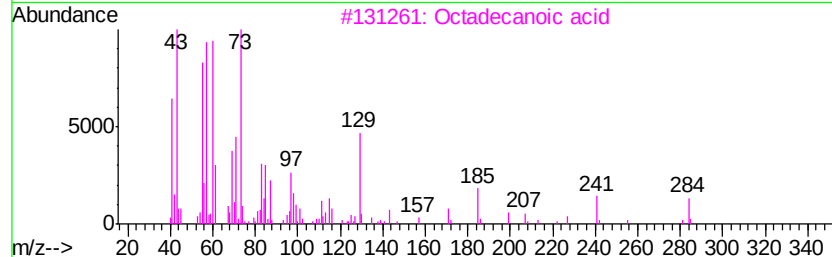
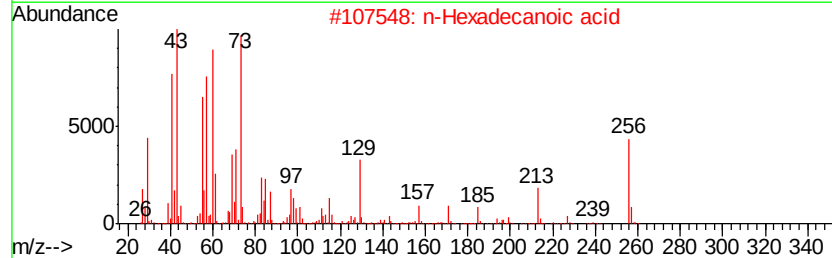
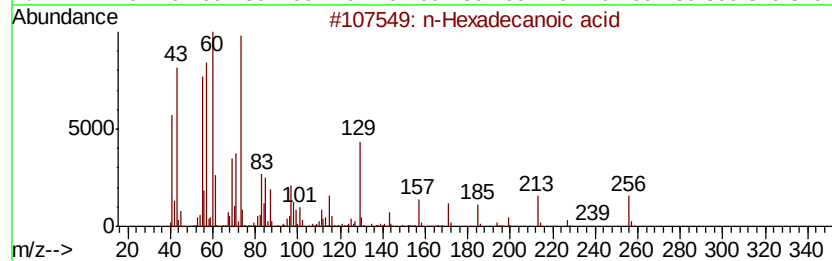
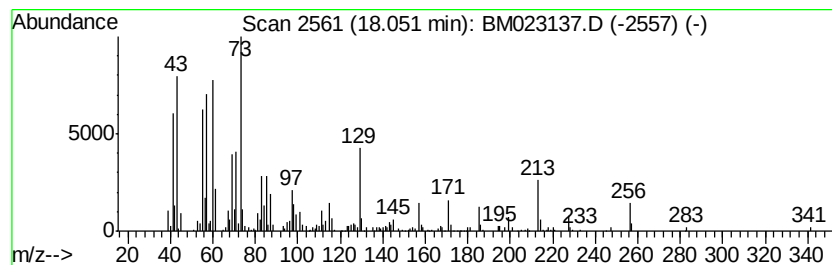
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.05	3.28 ng/ul	292686	Phenanthrene-d10		17.14	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
3	Octadecanoic acid		284	C18H36O2	000057-11-4	93
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	91
5	Tridecanoic acid		214	C13H26O2	000638-53-9	89



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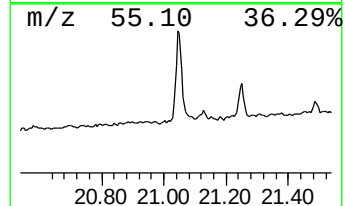
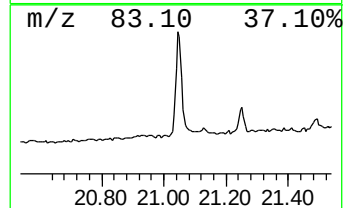
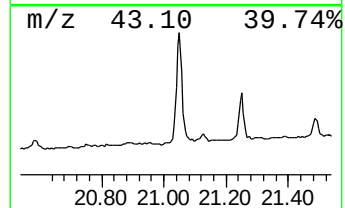
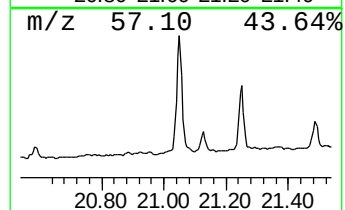
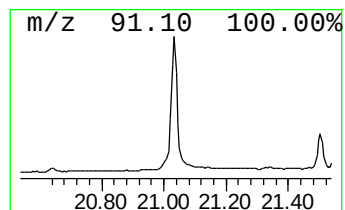
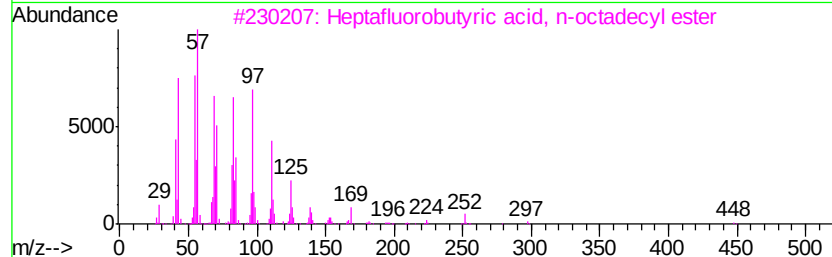
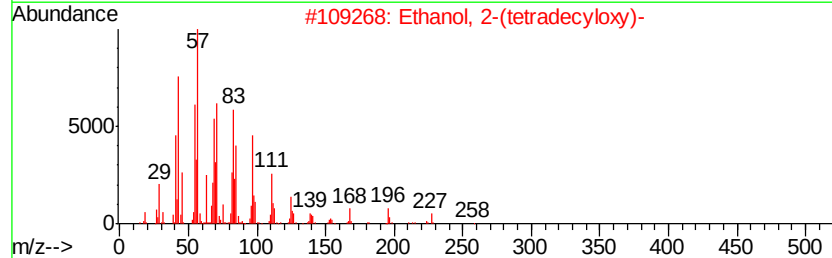
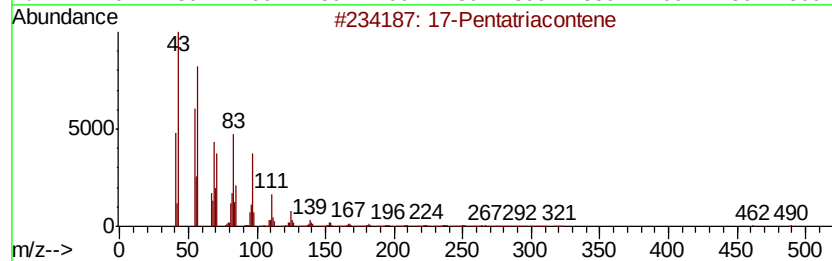
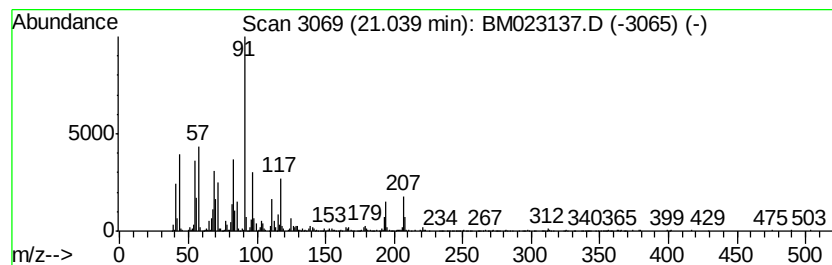
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	14.54 ng/ul	1425380	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	90
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87
4		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	81
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70



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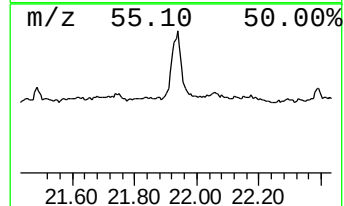
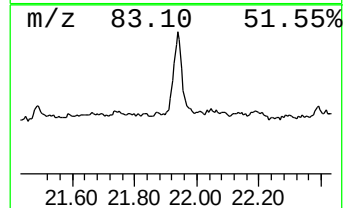
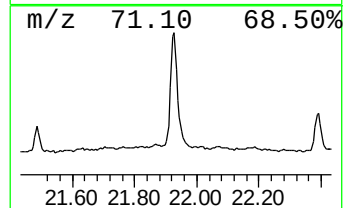
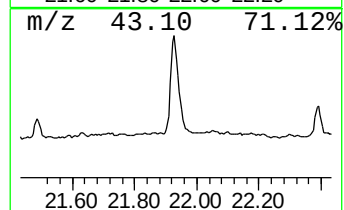
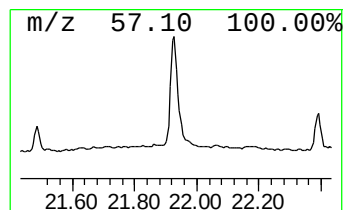
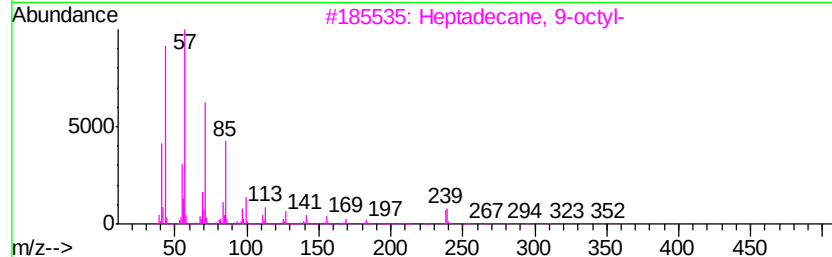
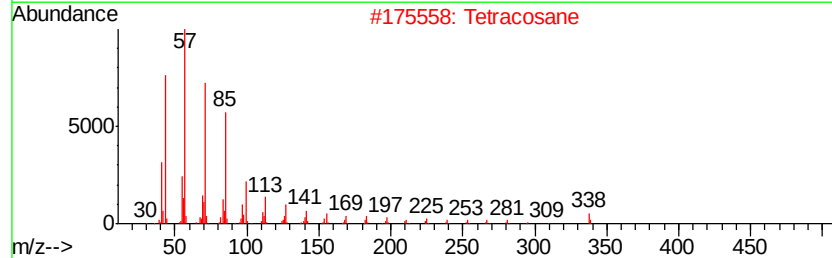
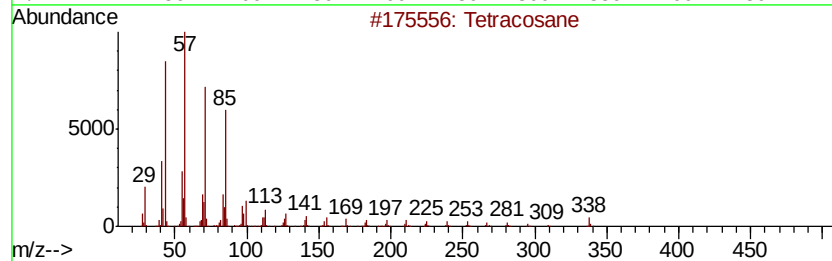
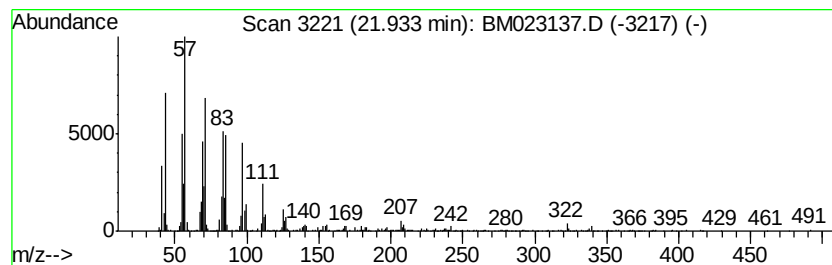
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	11.45 ng/ul	1122920	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Tetracosane	338	C24H50	000646-31-1	96
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023137.D
Acq On : 11 Oct 2019 19:32
Operator : JU
Sample : K5124-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM91

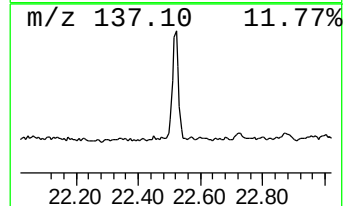
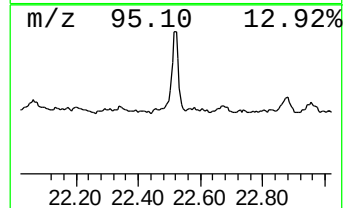
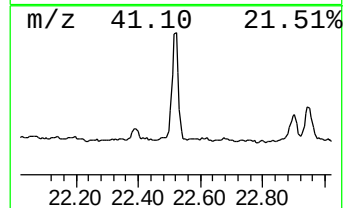
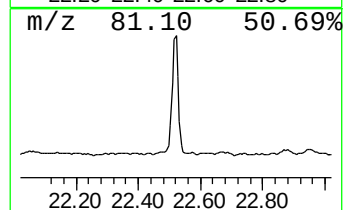
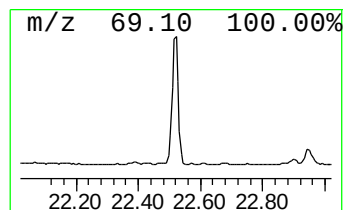
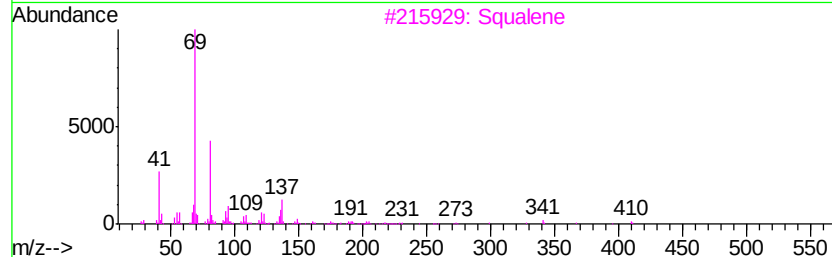
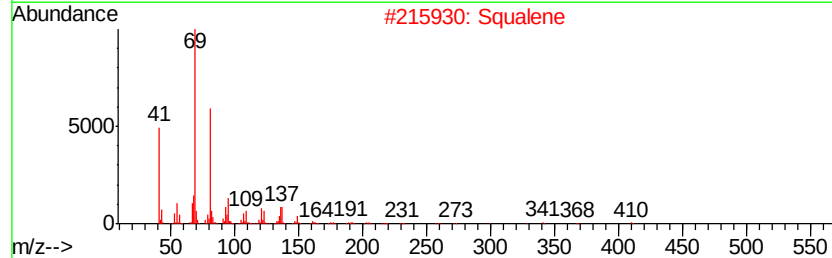
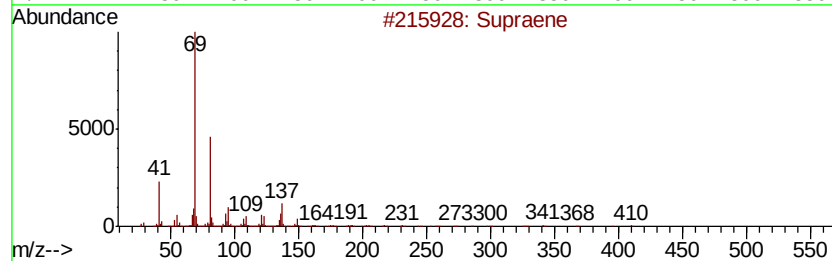
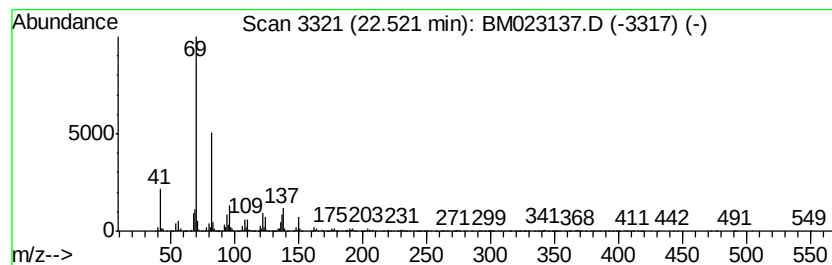
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	13.25 ng/ul	1488370	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	91
3		Squalene	410	C30H50	000111-02-4	91
4		Squalene	410	C30H50	000111-02-4	83
5		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101119\
Data File : BM023137.D
Acq On : 11 Oct 2019 19:32
Operator : JU
Sample : K5124-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM91

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-ph...	17.67	2.1	ng/ul	188533	4	17.14	1782380	20.0
n-Hexadecanoic acid	18.05	3.3	ng/ul	292686	4	17.14	1782380	20.0
(DEL) Alkane: Cyc...	21.04	14.5	ng/ul	1425380	5	21.33	1960680	20.0
(DEL) Alkane: Str...	21.93	11.4	ng/ul	1122920	5	21.33	1960680	20.0
Supraene	22.52	13.3	ng/ul	1488370	6	23.59	2246090	20.0