

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018154.D
 Acq On : 14 Dec 2018 06:24
 Operator : JU/SJ
 Sample : J6271-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9F12

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-BM121318MA.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	3.104	33	37	46	rBV	26030	32945	0.98%	0.074%
2	3.599	117	121	128	rBV	22953	31751	0.95%	0.071%
3	3.704	134	139	147	rVB2	25913	42978	1.28%	0.097%
4	3.799	147	155	161	rBV	22846	35571	1.06%	0.080%
5	3.904	167	173	178	rBV3	19320	28522	0.85%	0.064%
6	4.675	299	304	313	rVV2	31180	53857	1.60%	0.121%
7	5.193	387	392	399	rBV2	18964	35840	1.07%	0.081%
8	5.940	512	519	524	rBV2	17278	26497	0.79%	0.060%
9	6.704	643	649	665	rVV2	495157	975762	29.06%	2.194%
10	6.863	669	676	687	rVV	441840	671878	20.01%	1.511%
11	7.045	699	707	716	rVV	578050	926816	27.60%	2.084%
12	7.510	775	786	795	rBV	620191	1010499	30.09%	2.273%
13	8.228	900	908	918	rBV	571922	972762	28.97%	2.188%
14	8.663	975	982	995	rVV	550527	938512	27.95%	2.111%
15	9.045	1043	1047	1054	rVB3	19323	28520	0.85%	0.064%
16	9.181	1064	1070	1077	rVB5	12510	28412	0.85%	0.064%
17	9.375	1096	1103	1110	rBV	477861	837583	24.94%	1.884%
18	9.439	1112	1114	1123	rVB7	18415	30026	0.89%	0.068%
19	9.910	1181	1194	1211	rBV	693477	1275026	37.97%	2.868%
20	10.275	1241	1256	1263	rBV	981603	1633525	48.65%	3.674%
21	10.327	1263	1265	1271	rVB3	25011	34650	1.03%	0.078%
22	10.433	1276	1283	1299	rBV	495141	973426	28.99%	2.189%
23	10.933	1362	1368	1372	rBV6	17726	36213	1.08%	0.081%
24	11.292	1425	1429	1435	rBV3	26934	44299	1.32%	0.100%
25	11.439	1450	1454	1460	rVB6	15267	24978	0.74%	0.056%
26	11.704	1492	1499	1505	rBV5	26505	55788	1.66%	0.125%
27	11.951	1535	1541	1547	rVB2	51889	90930	2.71%	0.205%
28	12.174	1571	1579	1586	rVB5	24802	57338	1.71%	0.129%
29	12.680	1659	1665	1670	rVV4	43362	68721	2.05%	0.155%
30	12.821	1682	1689	1694	rBV8	14668	36411	1.08%	0.082%
31	12.974	1712	1715	1722	rVB3	44801	78467	2.34%	0.176%
32	13.186	1747	1751	1754	rBV	35435	56209	1.67%	0.126%
33	13.333	1769	1776	1783	rVV5	40194	110845	3.30%	0.249%
34	13.410	1783	1789	1795	rVV9	41278	85686	2.55%	0.193%

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35	13.480	1795	1801	1806	rVV2	60233	125985	3.75%	0.283%
36	13.533	1806	1810	1813	rVV	50417	84428	2.51%	0.190%
37	13.586	1813	1819	1824	rVV	1323826	1881692	56.04%	4.232%
38	13.633	1824	1827	1834	rVV	476138	692876	20.63%	1.558%
39	13.716	1838	1841	1844	rVV3	25114	40713	1.21%	0.092%
40	13.751	1844	1847	1852	rVB7	19185	36086	1.07%	0.081%
41	13.851	1858	1864	1874	rBV	1481078	2272634	67.68%	5.111%
42	14.068	1896	1901	1907	rBV2	89643	129220	3.85%	0.291%
43	14.163	1910	1917	1924	rBV2	1407796	2121436	63.17%	4.771%
44	14.410	1949	1959	1972	rBV2	348835	840891	25.04%	1.891%
45	14.574	1982	1987	1992	rVB3	43169	73506	2.19%	0.165%
46	14.698	2004	2008	2012	rBV6	27827	40050	1.19%	0.090%
47	14.786	2019	2023	2030	rBV3	43648	85578	2.55%	0.192%
48	14.845	2030	2033	2037	rVB2	26071	31760	0.95%	0.071%
49	14.968	2046	2054	2061	rBV7	37650	115086	3.43%	0.259%
50	15.033	2061	2065	2068	rVV	73951	96663	2.88%	0.217%
51	15.168	2082	2088	2094	rBV	1873115	2694288	80.23%	6.059%
52	15.268	2102	2105	2108	rBV5	23695	32552	0.97%	0.073%
53	15.321	2108	2114	2122	rVV	337966	547076	16.29%	1.230%
54	15.386	2122	2125	2126	rVV2	31498	35354	1.05%	0.080%
55	15.439	2130	2134	2140	rVV2	86191	154755	4.61%	0.348%
56	15.533	2142	2150	2156	rVB10	36323	102101	3.04%	0.230%
57	15.598	2157	2161	2164	rBV5	21425	28166	0.84%	0.063%
58	15.674	2172	2174	2180	rVB5	24128	31042	0.92%	0.070%
59	15.739	2180	2185	2189	rBV3	28018	60268	1.79%	0.136%
60	15.898	2208	2212	2220	rBV3	119433	270000	8.04%	0.607%
61	16.033	2231	2235	2239	rBV4	38093	64850	1.93%	0.146%
62	16.433	2300	2303	2306	rBV4	23787	31448	0.94%	0.071%
63	16.480	2308	2311	2313	rBV3	34845	40548	1.21%	0.091%
64	16.592	2326	2330	2333	rBV5	25330	41423	1.23%	0.093%
65	16.692	2344	2347	2351	rBV2	84200	92611	2.76%	0.208%
66	16.739	2351	2355	2360	rBV2	98730	138894	4.14%	0.312%
67	16.927	2381	2387	2391	rBV2	1659921	2417050	71.98%	5.436%
68	16.968	2391	2394	2398	rVV	258759	349627	10.41%	0.786%
69	17.027	2398	2404	2414	rVB	1949591	2812730	83.76%	6.326%
70	17.162	2425	2427	2431	rVB4	27405	30463	0.91%	0.069%
71	17.427	2469	2472	2476	rVB2	72879	97429	2.90%	0.219%

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72	17.503	2482	2485	2495	rVB2	67808	116915	3.48%	0.263%
73	17.651	2506	2510	2515	rVB4	36306	65298	1.94%	0.147%
74	17.803	2532	2536	2538	rBV	113028	152240	4.53%	0.342%
75	17.839	2538	2542	2551	rVB2	618489	952709	28.37%	2.143%
76	17.986	2564	2567	2572	rVV	66239	88773	2.64%	0.200%
77	18.033	2572	2575	2581	rVB	81998	110486	3.29%	0.248%
78	18.127	2587	2591	2595	rBV3	88370	124625	3.71%	0.280%
79	18.315	2619	2623	2629	rBV5	60127	128730	3.83%	0.290%
80	18.556	2662	2664	2668	rBV2	30203	28683	0.85%	0.065%
81	18.650	2677	2680	2683	rVB	50418	56435	1.68%	0.127%
82	18.733	2690	2694	2697	rBV	77539	110825	3.30%	0.249%
83	18.774	2697	2701	2707	rVV4	105040	168317	5.01%	0.379%
84	18.827	2707	2710	2714	rVB2	38050	43983	1.31%	0.099%
85	18.998	2736	2739	2748	rVB	85270	144680	4.31%	0.325%
86	19.133	2758	2762	2768	rBV	232568	317725	9.46%	0.715%
87	19.280	2784	2787	2790	rBV4	47646	52254	1.56%	0.118%
88	19.333	2791	2796	2806	rBV	2252194	3358032	100.00%	7.552%
89	19.445	2812	2815	2820	rVB2	60684	88498	2.64%	0.199%
90	19.897	2889	2892	2895	rVB2	66803	70810	2.11%	0.159%
91	20.027	2910	2914	2919	rVB2	123793	160305	4.77%	0.361%
92	20.162	2935	2937	2940	rVB	66996	62151	1.85%	0.140%
93	20.215	2943	2946	2951	rVB2	79198	125342	3.73%	0.282%
94	20.397	2974	2977	2980	rBV2	74259	76353	2.27%	0.172%
95	20.862	3052	3056	3061	rBV	749118	948242	28.24%	2.133%
96	21.139	3098	3103	3108	rBV	1782465	2410469	71.78%	5.421%
97	22.168	3276	3278	3282	rVB2	131227	158865	4.73%	0.357%
98	22.656	3358	3361	3365	rVB2	182899	251659	7.49%	0.566%
99	23.168	3442	3448	3459	rVB	1180183	2240627	66.72%	5.039%
100	23.303	3465	3471	3479	rVB	952815	1737932	51.75%	3.909%

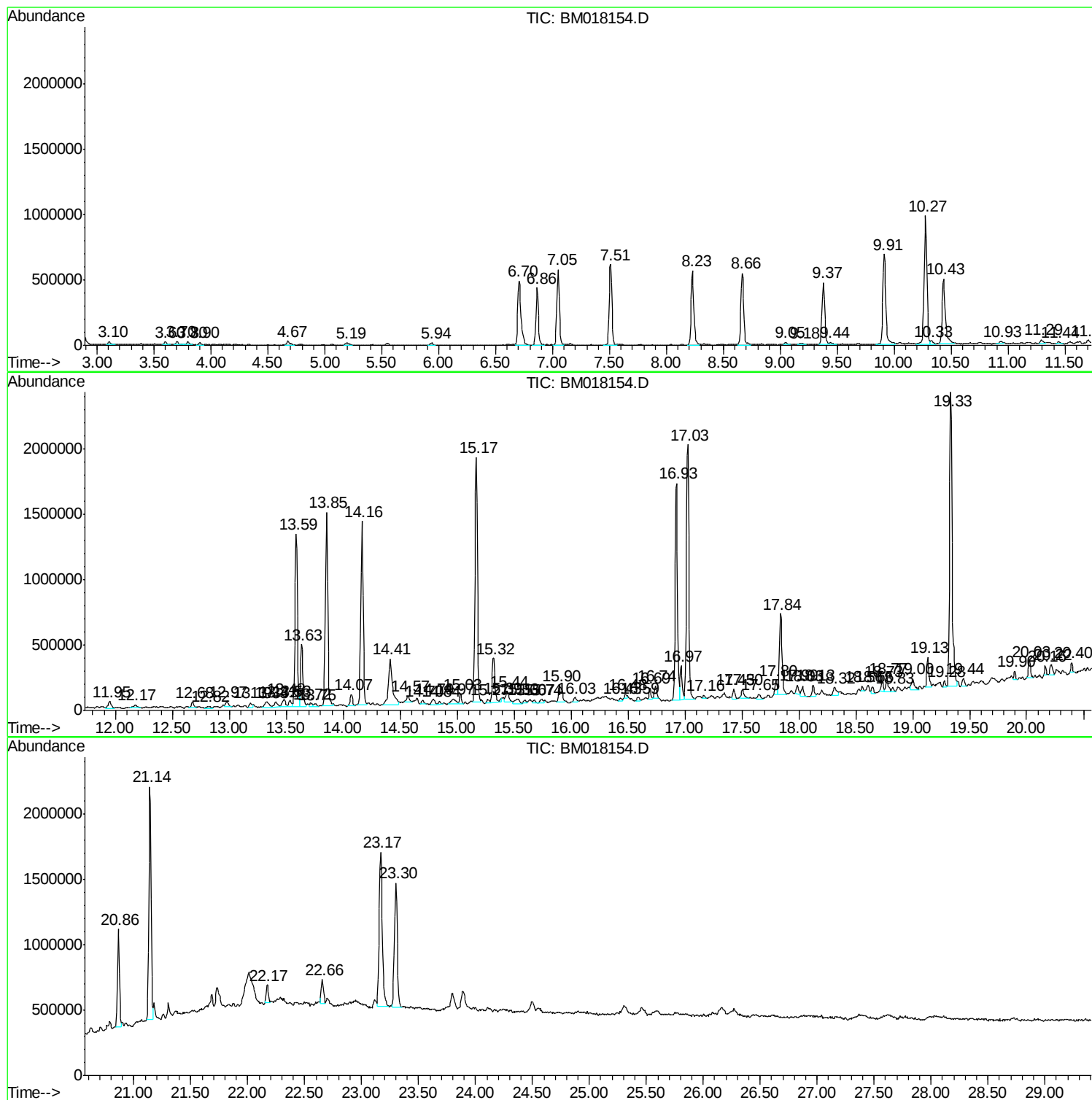
Sum of corrected areas: 44464485

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Quant Title : SVOA CALIBRATION

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



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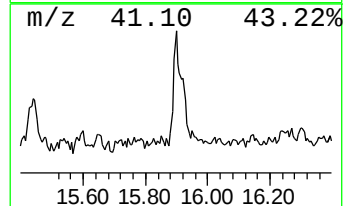
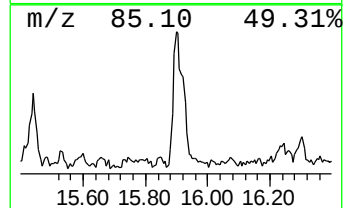
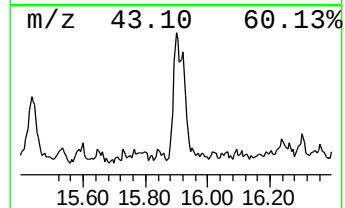
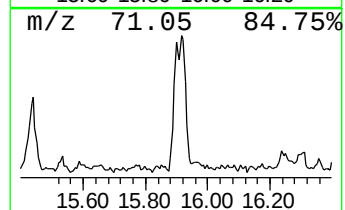
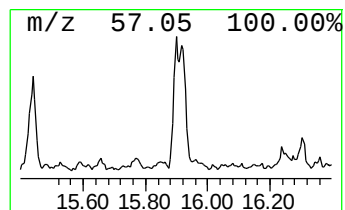
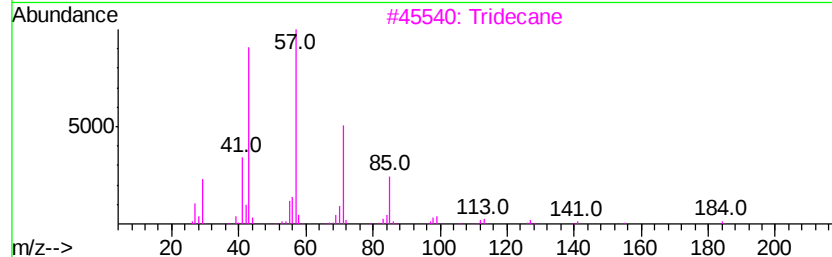
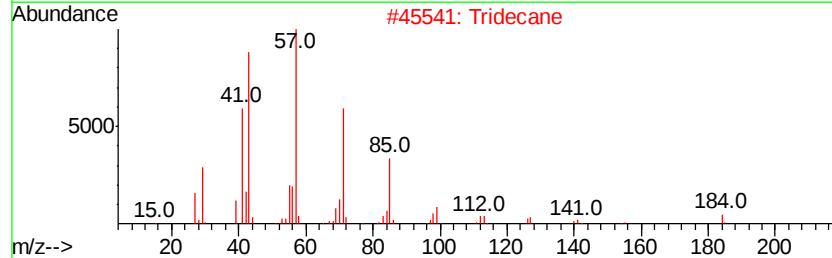
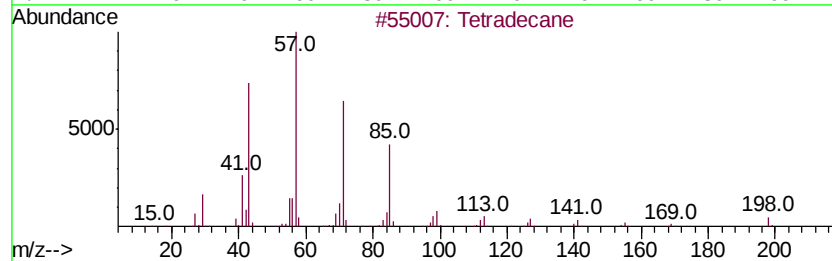
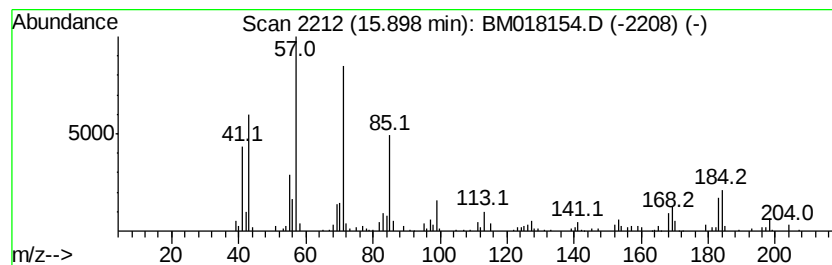
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.23 ng/ul	270000	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	86
2		Tridecane	184	C13H28	000629-50-5	72
3		Tridecane	184	C13H28	000629-50-5	72
4		Tetradecane	198	C14H30	000629-59-4	70
5		Dodecane	170	C12H26	000112-40-3	70



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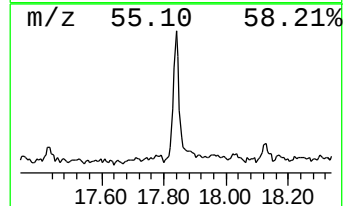
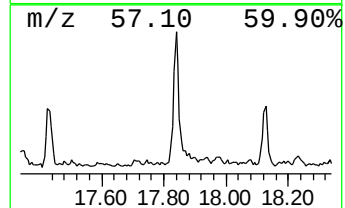
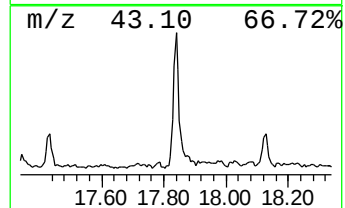
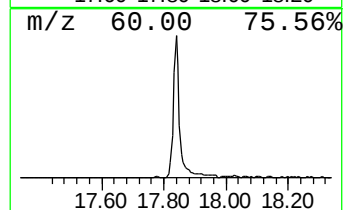
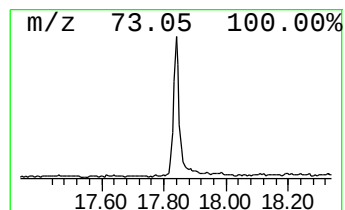
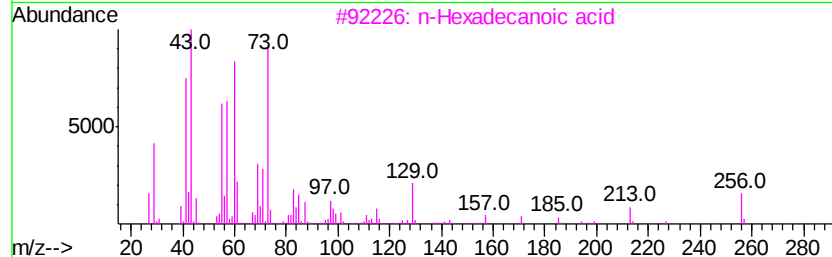
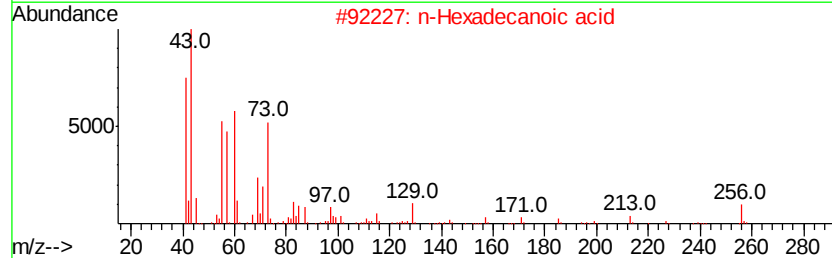
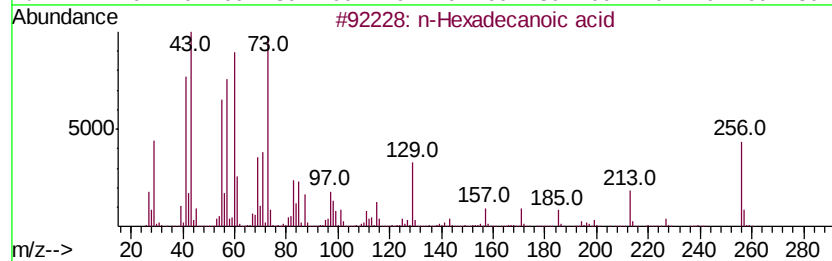
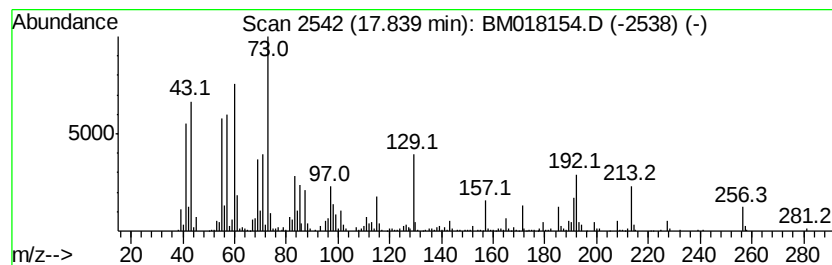
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.84	7.88 ng/ul	952709	Phenanthrene-d10		16.93	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	



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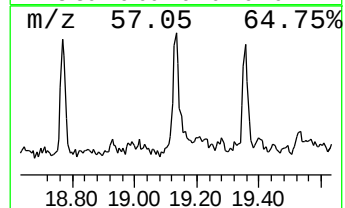
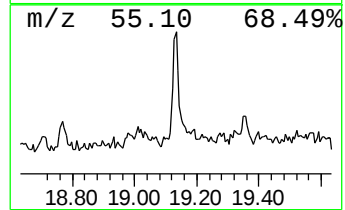
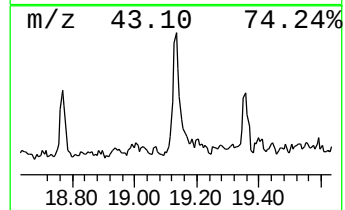
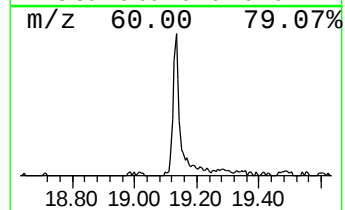
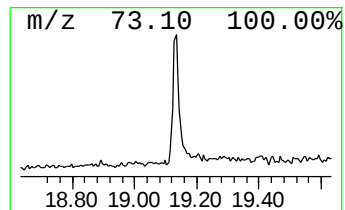
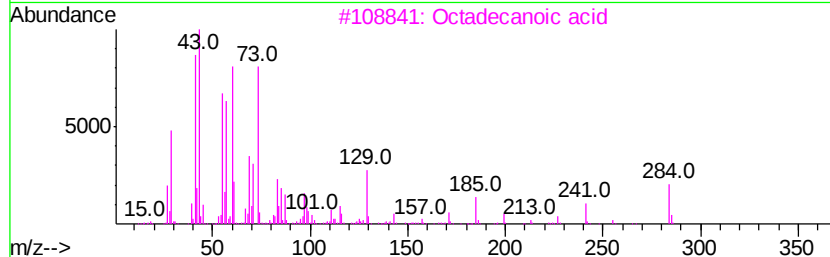
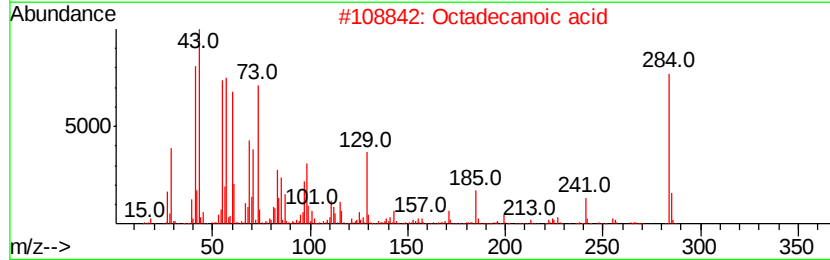
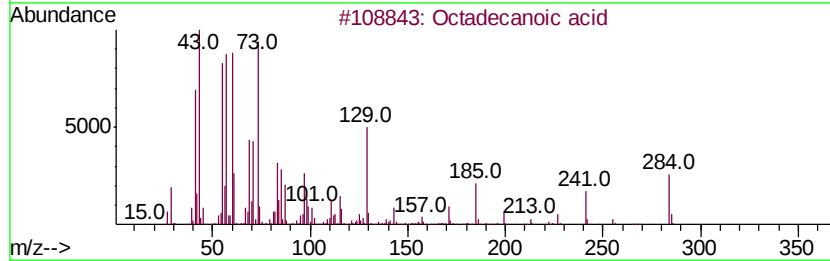
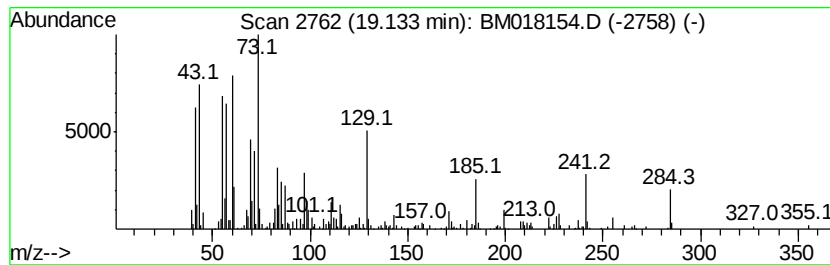
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.13	2.64 ng/ul	317725	Chrysene-d12		21.14		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Tridecanoic acid	214	C13H26O2	000638-53-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018154.D
Acq On : 14 Dec 2018 06:24
Operator : JU/SJ
Sample : J6271-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9F12

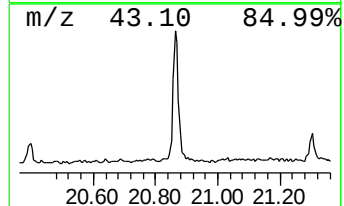
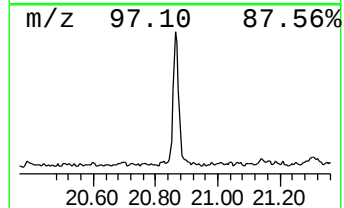
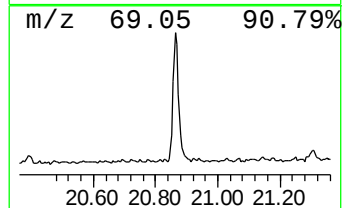
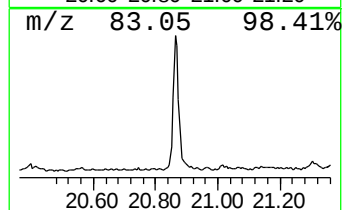
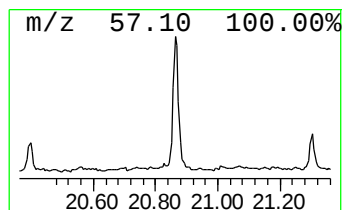
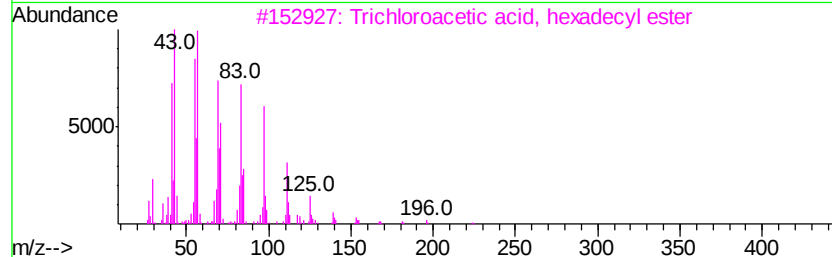
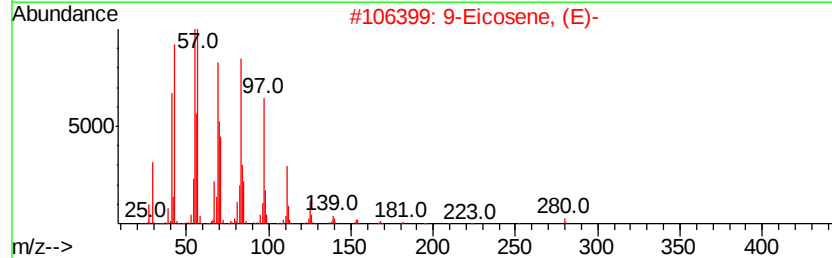
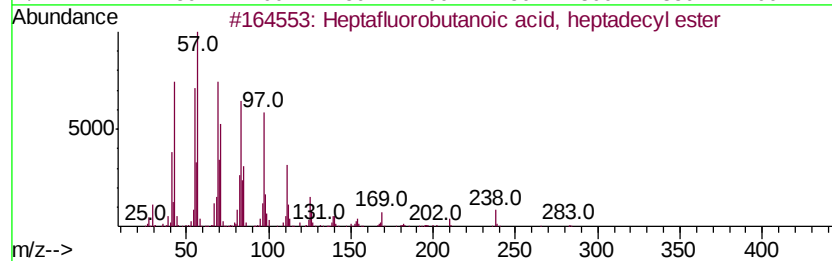
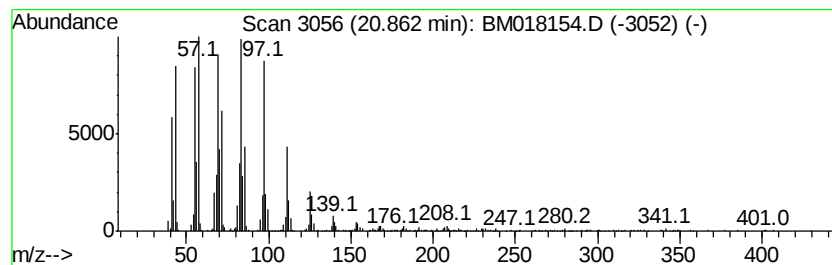
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Heptafluorobutanoic acid, h... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	7.87 ng/ul	948242	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018154.D
Acq On : 14 Dec 2018 06:24
Operator : JU/SJ
Sample : J6271-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9F12

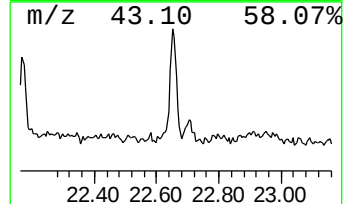
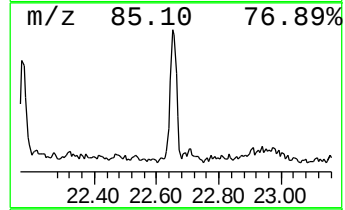
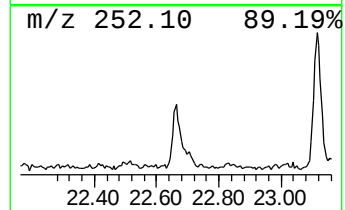
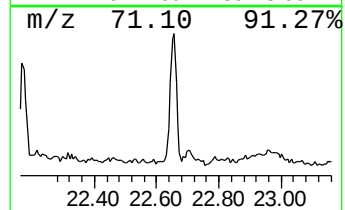
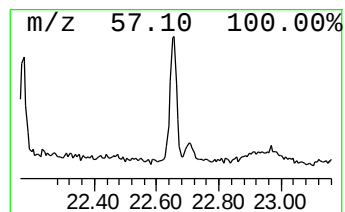
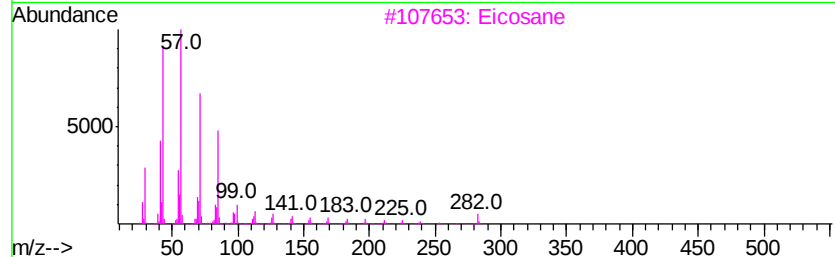
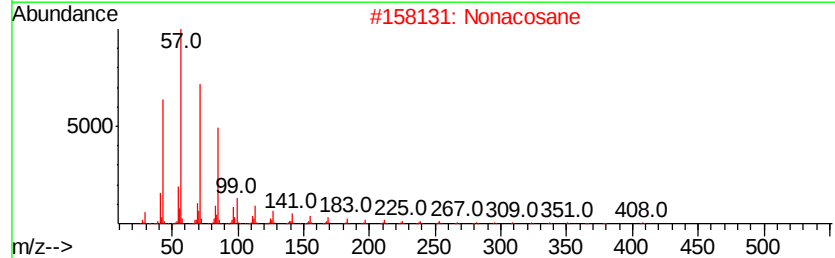
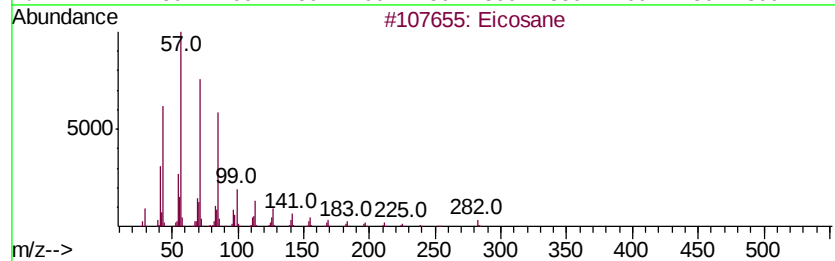
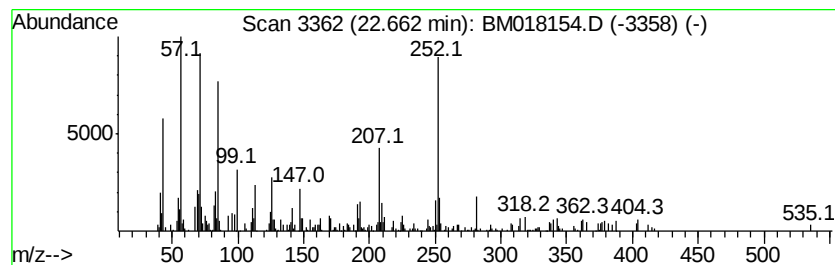
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	2.90 ng/ul	251659	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Nonacosane	408	C29H60	000630-03-5	93
3		Eicosane	282	C20H42	000112-95-8	89
4		Heptacosane	380	C27H56	000593-49-7	83
5		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121318\
Data File : BM018154.D
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Sample : J6271-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9F12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.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...	15.90	2.2	ng/ul	270000	4	16.93	2417050	20.0
n-Hexadecanoic acid	17.84	7.9	ng/ul	952709	4	16.93	2417050	20.0
Octadecanoic acid	19.13	2.6	ng/ul	317725	5	21.14	2410470	20.0
Heptafluorobutano...	20.86	7.9	ng/ul	948242	5	21.14	2410470	20.0
(DEL) Alkane: Str...	22.66	2.9	ng/ul	251659	6	23.30	1737930	20.0