

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
 Data File : BM018087.D
 Acq On : 12 Dec 2018 09:17
 Operator : JU/SJ
 Sample : J6171-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y10

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	3.116	19	22	24	rBV4	2858	3567	0.15%	0.012%
2	3.157	24	29	36	rVB2	18119	28566	1.23%	0.100%
3	3.275	46	49	50	rBV3	4403	4312	0.19%	0.015%
4	3.404	69	71	74	rVV4	3765	4341	0.19%	0.015%
5	3.440	74	77	82	rVV2	5702	11359	0.49%	0.040%
6	3.481	82	84	87	rVB4	4832	4740	0.20%	0.017%
7	3.552	93	96	101	rBV3	6809	9677	0.42%	0.034%
8	3.646	108	112	118	rBV	25871	35138	1.51%	0.123%
9	3.710	120	123	125	rVV4	4163	5360	0.23%	0.019%
10	3.752	125	130	135	rVV2	26806	40726	1.75%	0.142%
11	3.840	142	145	151	rVB5	6357	10266	0.44%	0.036%
12	3.946	159	163	167	rBV4	22137	30743	1.32%	0.107%
13	4.204	199	207	211	rBV7	7407	11040	0.47%	0.038%
14	4.251	212	215	220	rVB3	6372	8859	0.38%	0.031%
15	4.375	234	236	243	rVB4	4866	7143	0.31%	0.025%
16	4.716	289	294	297	rBV2	39105	59213	2.54%	0.206%
17	4.834	310	314	319	rBV3	3157	5677	0.24%	0.020%
18	5.193	373	375	380	rBV2	2171	3919	0.17%	0.014%
19	5.975	504	508	516	rVB2	22847	32350	1.39%	0.113%
20	6.428	582	585	589	rVB2	3800	4849	0.21%	0.017%
21	6.681	623	628	632	rVB4	2399	3644	0.16%	0.013%
22	6.740	632	638	653	rBV2	289816	670289	28.79%	2.337%
23	6.898	659	665	677	rBV	277434	446644	19.19%	1.557%
24	7.087	690	697	708	rBV	362258	594467	25.54%	2.073%
25	7.545	768	775	783	rVV	727539	1190417	51.13%	4.150%
26	7.616	783	787	794	rVV6	7534	18028	0.77%	0.063%
27	8.263	891	897	907	rBV	313014	572957	24.61%	1.998%
28	8.704	964	972	985	rBV	310803	546123	23.46%	1.904%
29	9.081	1030	1036	1042	rVB2	15268	24293	1.04%	0.085%
30	9.328	1074	1078	1081	rBV2	1849	3717	0.16%	0.013%
31	9.416	1087	1093	1104	rBV	254159	443531	19.05%	1.546%
32	9.863	1164	1169	1170	rBV4	2908	3851	0.17%	0.013%
33	9.951	1178	1184	1197	rBV	332163	689406	29.61%	2.403%
34	10.310	1239	1245	1262	rVB	1044935	1782990	76.59%	6.216%

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35	10.475	1266	1273	1289	rBV	174683	459592	19.74%	1.602%
36	10.851	1332	1337	1338	rBV4	2773	3464	0.15%	0.012%
37	11.563	1449	1458	1463	rVB3	2905	7851	0.34%	0.027%
38	11.922	1515	1519	1527	rBV3	4951	11365	0.49%	0.040%
39	12.004	1531	1533	1537	rVB3	2792	4128	0.18%	0.014%
40	12.527	1617	1622	1628	rBV3	2789	6078	0.26%	0.021%
41	12.792	1663	1667	1672	rBV4	4494	5788	0.25%	0.020%
42	13.016	1699	1705	1709	rBV4	4814	7040	0.30%	0.025%
43	13.498	1784	1787	1791	rBV4	9400	12156	0.52%	0.042%
44	13.616	1802	1807	1812	rVV	745170	1091453	46.88%	3.805%
45	13.669	1812	1816	1826	rVB	323081	488996	21.00%	1.705%
46	13.886	1845	1853	1865	rBV	865282	1307267	56.15%	4.558%
47	14.033	1874	1878	1882	rVB5	5545	5650	0.24%	0.020%
48	14.104	1886	1890	1893	rBV4	6959	9043	0.39%	0.032%
49	14.198	1899	1906	1917	rBV2	1439808	2224690	95.56%	7.756%
50	14.292	1917	1922	1928	rVB2	37536	54929	2.36%	0.192%
51	14.463	1945	1951	1973	rBV3	67283	273982	11.77%	0.955%
52	14.651	1979	1983	1985	rBV4	5279	7435	0.32%	0.026%
53	15.010	2040	2044	2046	rBV3	4268	6851	0.29%	0.024%
54	15.063	2048	2053	2058	rVV2	8591	13021	0.56%	0.045%
55	15.198	2070	2076	2087	rBV	1047117	1603182	68.86%	5.589%
56	15.357	2098	2103	2113	rVB2	42399	73312	3.15%	0.256%
57	15.445	2113	2118	2121	rBV3	13127	20360	0.87%	0.071%
58	15.680	2155	2158	2162	rVB4	3839	4746	0.20%	0.017%
59	15.845	2184	2186	2190	rBV3	3278	4702	0.20%	0.016%
60	15.880	2190	2192	2194	rBV2	5179	5153	0.22%	0.018%
61	15.933	2197	2201	2202	rVV3	12329	13289	0.57%	0.046%
62	15.951	2202	2204	2209	rVB3	11947	12110	0.52%	0.042%
63	16.157	2237	2239	2242	rVB3	4684	4462	0.19%	0.016%
64	16.321	2262	2267	2270	rVB4	4275	5752	0.25%	0.020%
65	16.386	2273	2278	2281	rBV3	8109	12178	0.52%	0.042%
66	16.509	2295	2299	2304	rVB5	5093	9763	0.42%	0.034%
67	16.621	2314	2318	2320	rBV3	5420	6920	0.30%	0.024%
68	16.721	2332	2335	2337	rBV4	14085	17266	0.74%	0.060%
69	16.868	2355	2360	2367	rBV4	30533	50996	2.19%	0.178%
70	16.957	2367	2375	2381	rBV	1665810	2328046	100.00%	8.116%
71	17.057	2386	2392	2405	rVB	1041312	1506072	64.69%	5.251%

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72	17.151	2405	2408	2411	rBV3	6543	8252	0.35%	0.029%
73	17.192	2414	2415	2417	rVB2	6342	3593	0.15%	0.013%
74	17.268	2420	2428	2431	rBV7	20320	34980	1.50%	0.122%
75	17.327	2436	2438	2441	rVB4	5329	4713	0.20%	0.016%
76	17.357	2441	2443	2446	rBV4	7393	7805	0.34%	0.027%
77	17.462	2458	2461	2464	rVB3	10212	9028	0.39%	0.031%
78	17.557	2472	2477	2484	rBV	233646	292844	12.58%	1.021%
79	17.662	2493	2495	2497	rVB3	4761	3547	0.15%	0.012%
80	17.686	2497	2499	2504	rBV6	3080	3735	0.16%	0.013%
81	17.745	2504	2509	2514	rBV7	22889	43043	1.85%	0.150%
82	17.809	2515	2520	2524	rBV2	65083	91444	3.93%	0.319%
83	17.868	2525	2530	2547	rVB	476066	703947	30.24%	2.454%
84	18.168	2576	2581	2588	rBV7	24899	52131	2.24%	0.182%
85	18.503	2636	2638	2640	rBV3	5809	4667	0.20%	0.016%
86	18.756	2679	2681	2684	rBV4	7617	9709	0.42%	0.034%
87	18.803	2686	2689	2690	rVV3	11143	10561	0.45%	0.037%
88	19.039	2719	2729	2732	rBV7	60925	166525	7.15%	0.581%
89	19.162	2745	2750	2757	rBV	220251	350164	15.04%	1.221%
90	19.250	2762	2765	2767	rVV3	23042	33814	1.45%	0.118%
91	19.309	2771	2775	2779	rVV	178837	220546	9.47%	0.769%
92	19.362	2779	2784	2792	rVV2	927954	1403434	60.28%	4.893%
93	19.427	2792	2795	2801	rVB7	32717	49298	2.12%	0.172%
94	20.362	2951	2954	2958	rBV2	151534	163681	7.03%	0.571%
95	20.892	3041	3044	3052	rBV	216586	287248	12.34%	1.001%
96	21.097	3075	3079	3083	rBV	298061	339952	14.60%	1.185%
97	21.174	3087	3092	3101	rVV	1417816	1949215	83.73%	6.796%
98	22.691	3347	3350	3355	rVB2	174911	229031	9.84%	0.798%
99	23.209	3433	3438	3450	rVB	663581	1366133	58.68%	4.763%
100	23.344	3455	3461	3468	rVB	1021894	1849162	79.43%	6.447%

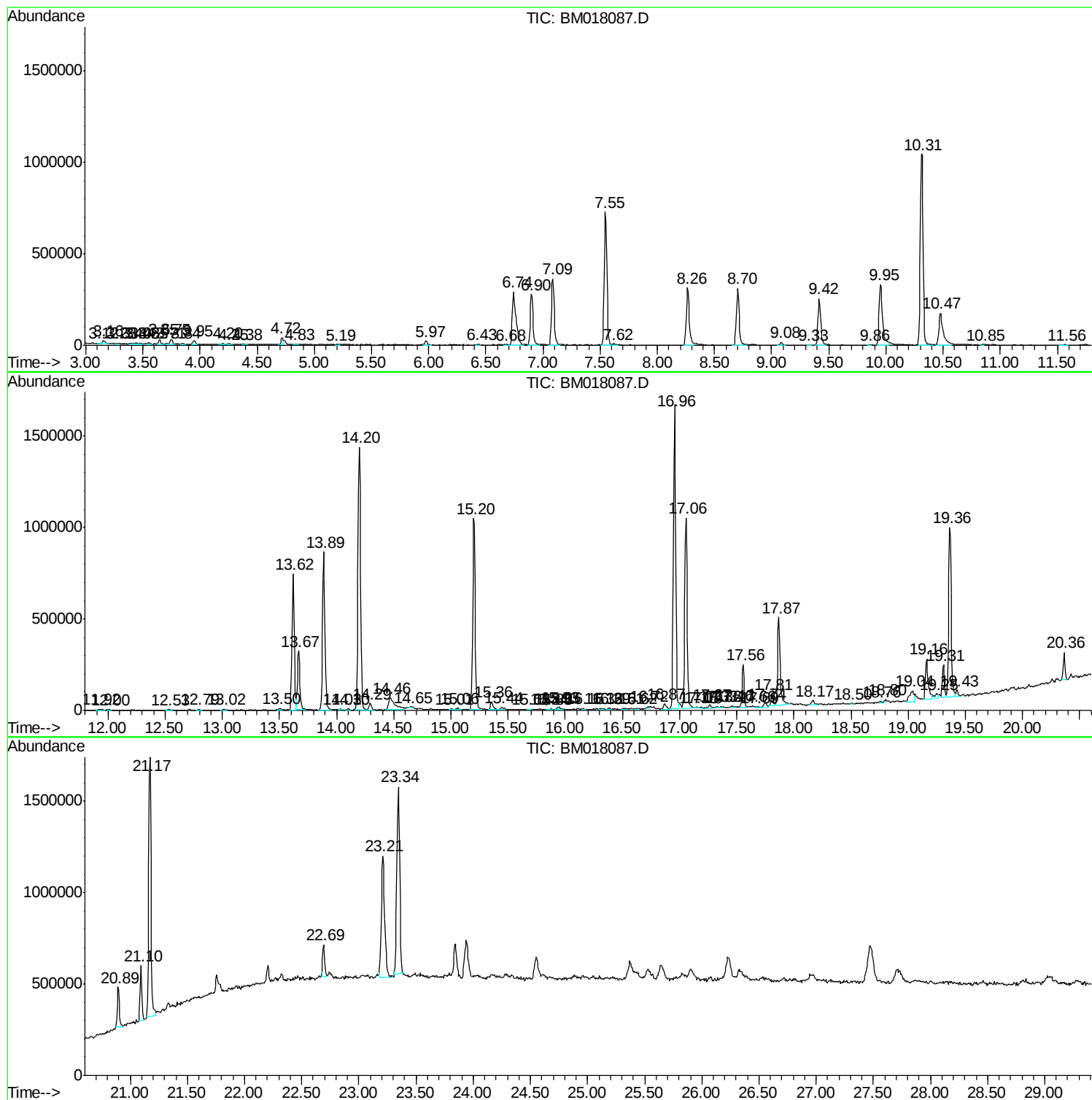
Sum of corrected areas: 28683492

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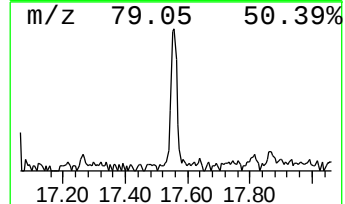
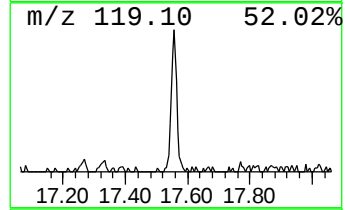
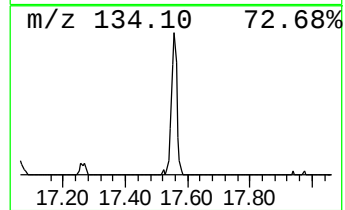
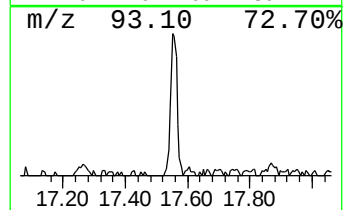
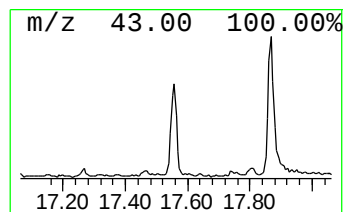
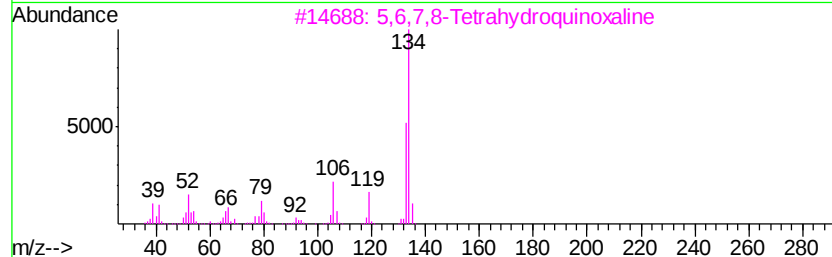
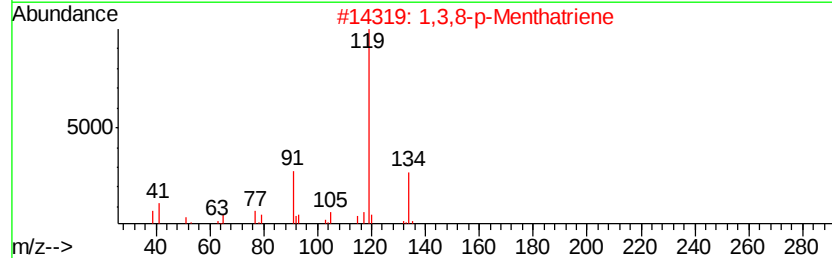
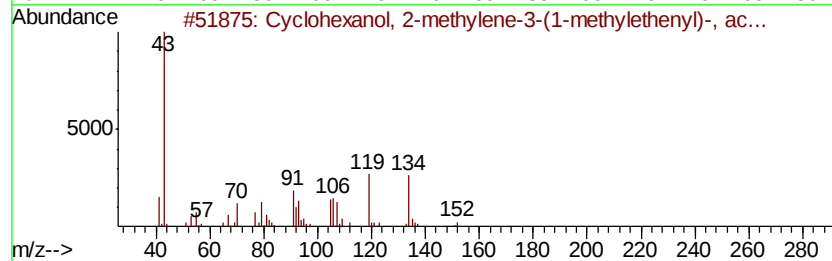
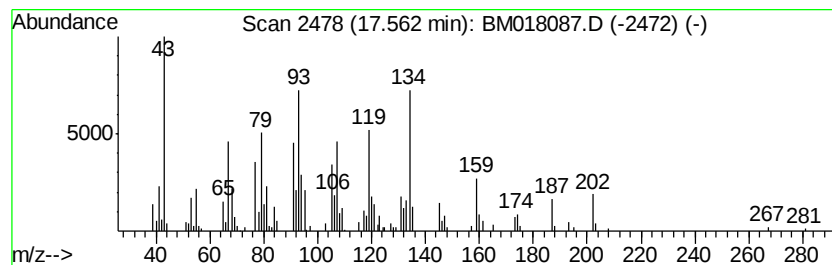
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.52 ng/ul	292844	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 2-methylene-3-(1-m...	194	C12H18O2	054824-09-8	47
2		1,3,8-p-Menthatriene	134	C10H14	021195-59-5	22
3		5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	22
4		Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	22
5		1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	18



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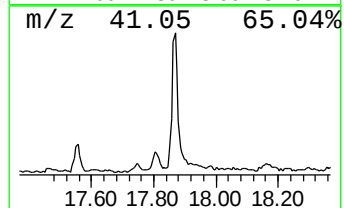
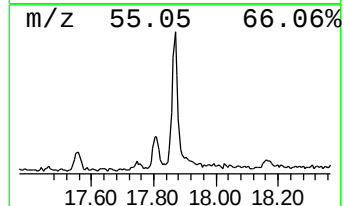
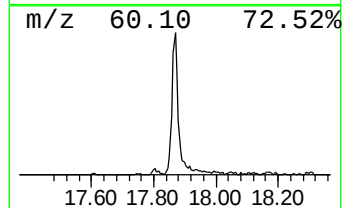
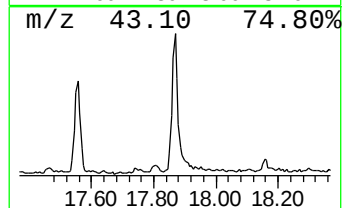
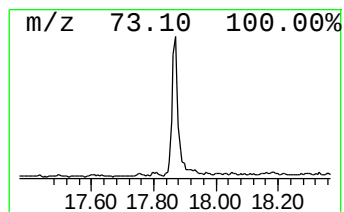
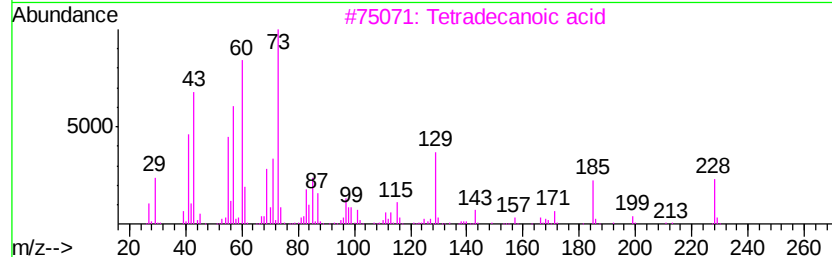
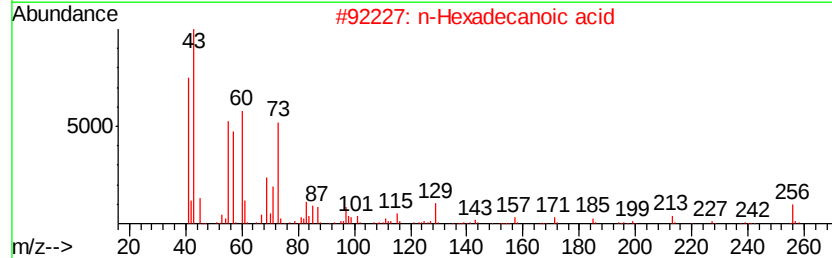
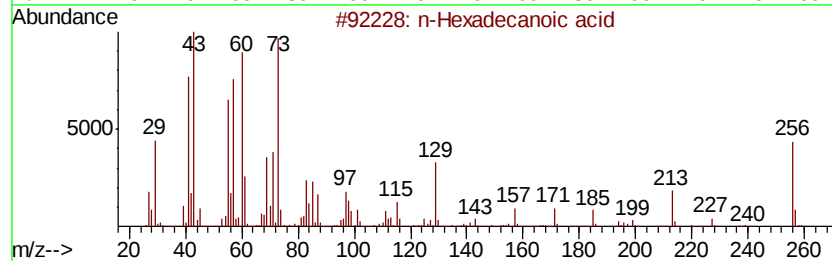
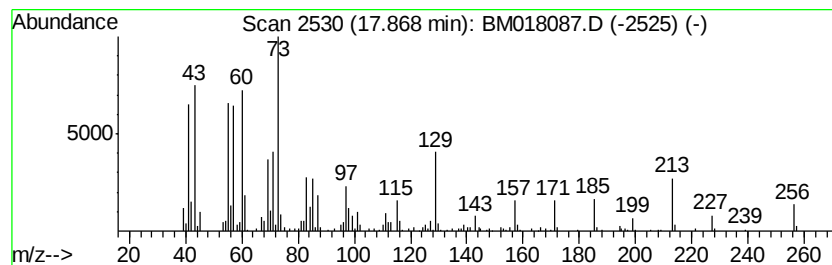
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	6.05 ng/ul	703947	Phenanthrene-d10	16.96		
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	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70	



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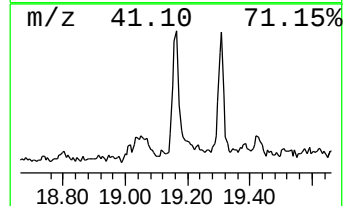
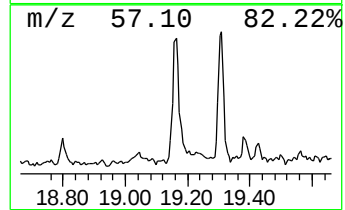
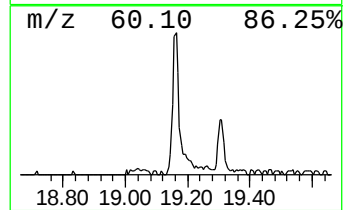
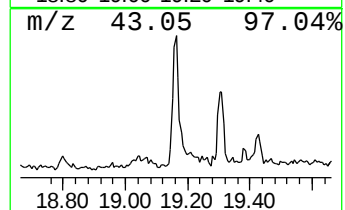
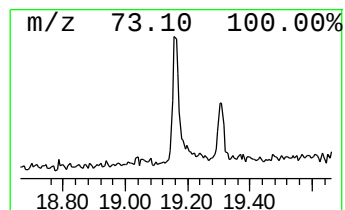
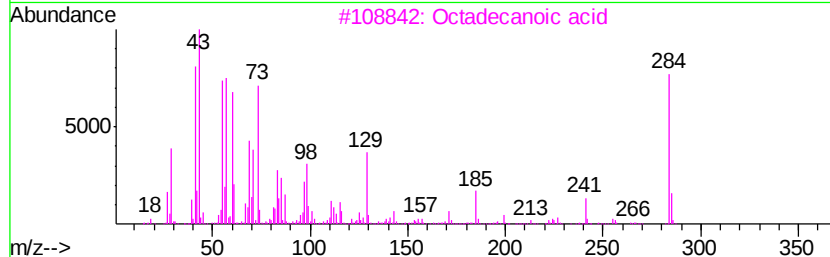
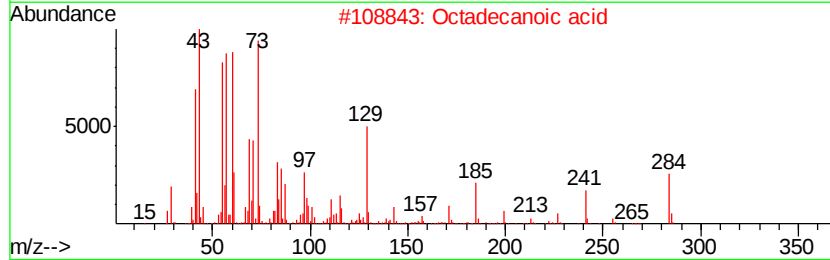
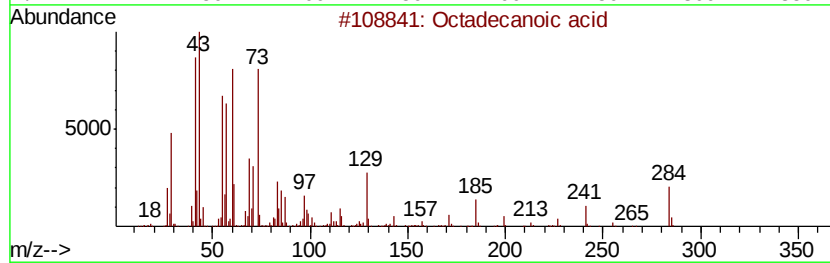
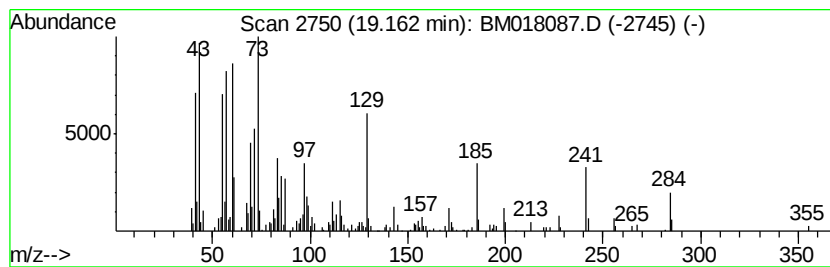
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.16	3.59 ng/ul	350164	Chrysene-d12	21.17		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	98
2	Octadecanoic acid		284	C18H36O2	000057-11-4	97
3	Octadecanoic acid		284	C18H36O2	000057-11-4	95
4	Octadecanoic acid		284	C18H36O2	000057-11-4	94
5	Octadecanoic acid, 2-(2-hydroxye...		372	C22H44O4	000106-11-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018087.D
Acq On : 12 Dec 2018 09:17
Operator : JU/SJ
Sample : J6171-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y10

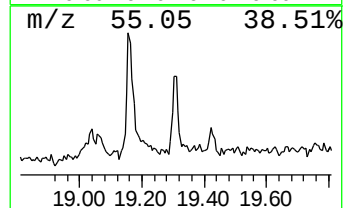
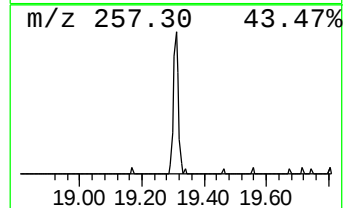
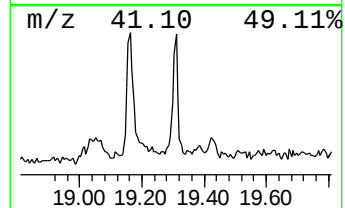
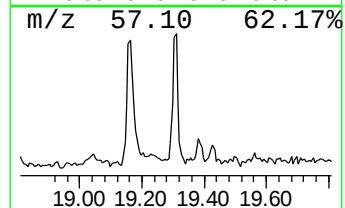
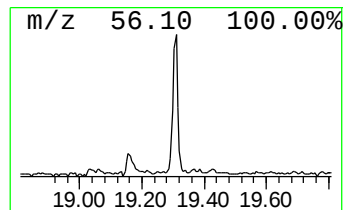
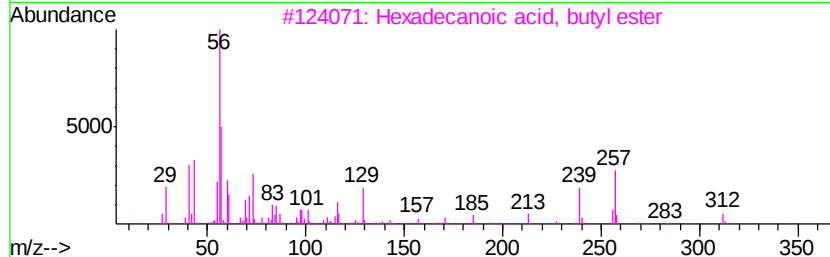
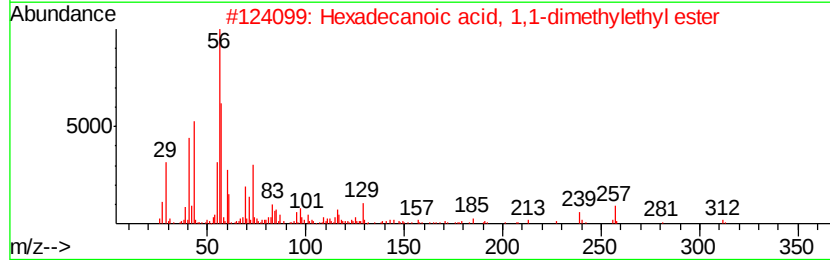
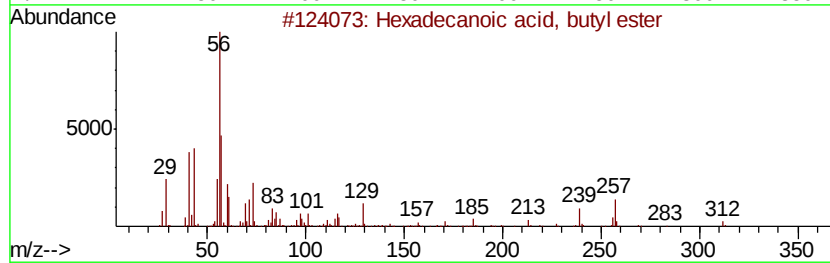
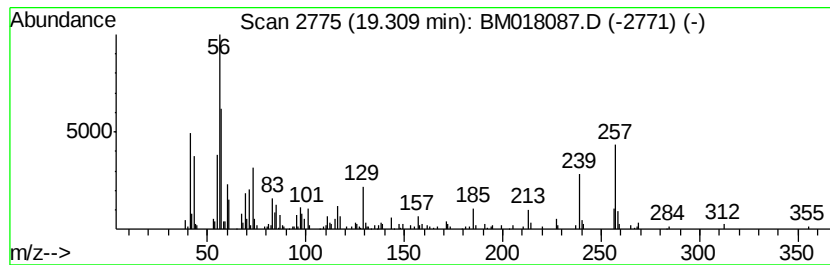
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	2.26 ng/ul	220546	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	95
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	86
5		n-Butyl myristate	284	C18H36O2	000110-36-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018087.D
Acq On : 12 Dec 2018 09:17
Operator : JU/SJ
Sample : J6171-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y10

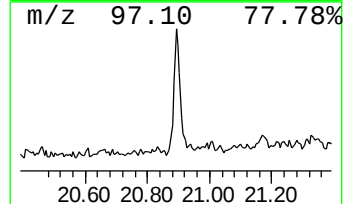
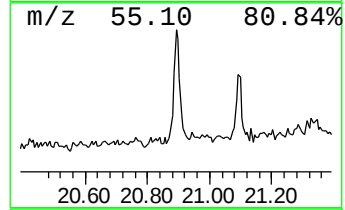
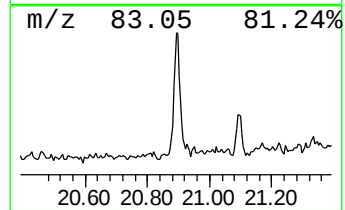
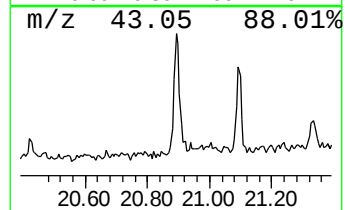
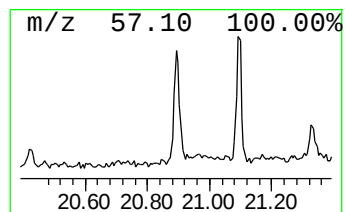
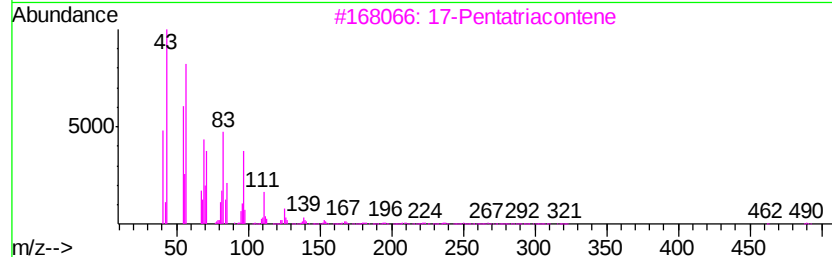
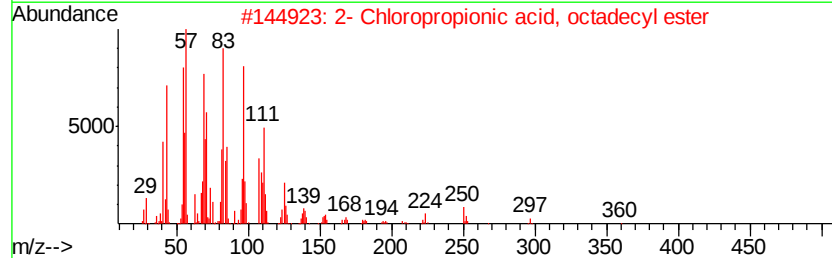
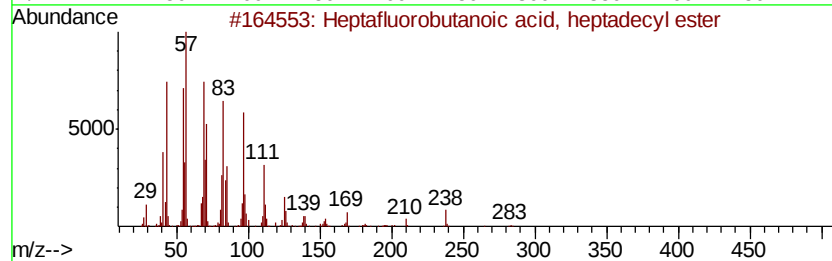
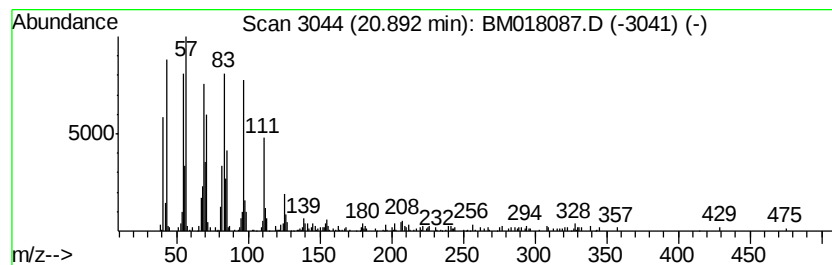
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Heptafluorobutanoic acid, h... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.95 ng/ul	287248	Chrysene-d12	21.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		1-Docosene	308	C22H44	001599-67-3	89
5		1-Octadecanol	270	C18H38O	000112-92-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018087.D
Acq On : 12 Dec 2018 09:17
Operator : JU/SJ
Sample : J6171-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y10

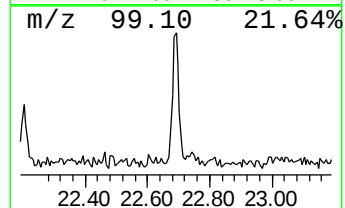
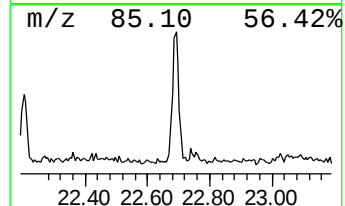
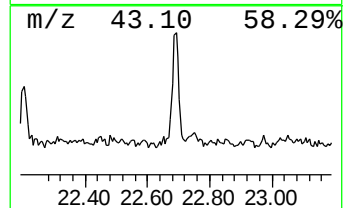
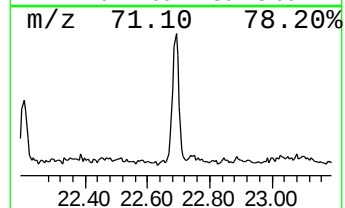
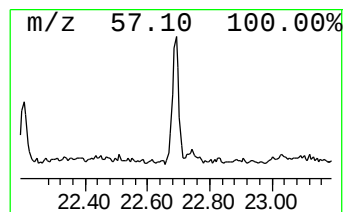
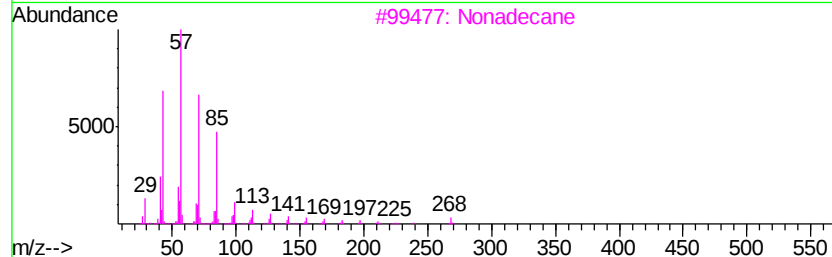
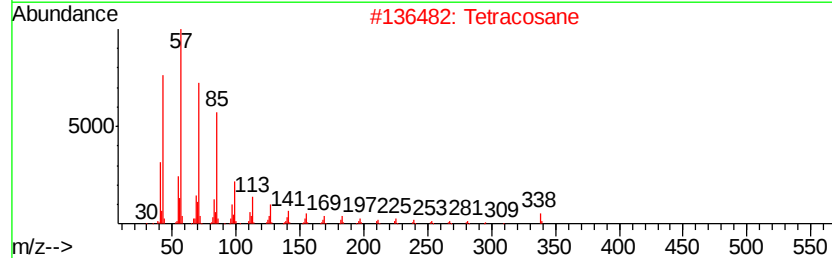
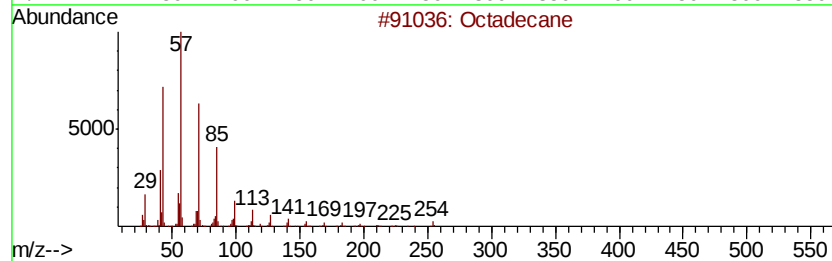
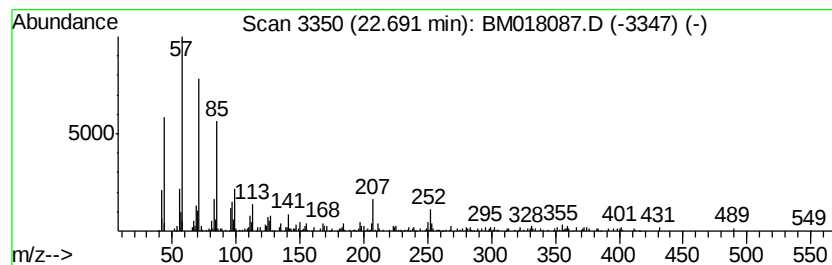
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.48 ng/ul	229031	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Nonadecane	268	C19H40	000629-92-5	89
4		Tetracosane	338	C24H50	000646-31-1	89
5		Tetracosane	338	C24H50	000646-31-1	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\
Data File : BM018087.D
Acq On : 12 Dec 2018 09:17
Operator : JU/SJ
Sample : J6171-06
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y10

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
unknown-01	17.56	2.5	ng/ul	292844	4	16.96	2328050	20.0
n-Hexadecanoic acid	17.87	6.0	ng/ul	703947	4	16.96	2328050	20.0
Octadecanoic acid	19.16	3.6	ng/ul	350164	5	21.17	1949220	20.0
Hexadecanoic acid...	19.31	2.3	ng/ul	220546	5	21.17	1949220	20.0
Heptafluorobutano...	20.89	3.0	ng/ul	287248	5	21.17	1949220	20.0
(DEL) Alkane: Str...	22.69	2.5	ng/ul	229031	6	23.34	1849160	20.0