

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018156.D
 Acq On : 14 Dec 2018 07:37
 Operator : JU/SJ
 Sample : J6236-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E22

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	3.010	17	21	24	rVB3	5340	6392	0.26%	0.018%
2	3.105	34	37	44	rVB	25726	33297	1.36%	0.093%
3	3.393	78	86	88	rBV3	6443	14393	0.59%	0.040%
4	3.510	101	106	110	rBV4	7657	11468	0.47%	0.032%
5	3.599	117	121	127	rVV	29411	34223	1.40%	0.096%
6	3.705	134	139	143	rVB2	32298	50352	2.06%	0.141%
7	3.905	168	173	180	rVB2	38867	48800	2.00%	0.136%
8	4.157	213	216	221	rVV5	5070	8080	0.33%	0.023%
9	4.210	221	225	231	rVV	6460	8899	0.36%	0.025%
10	4.334	242	246	249	rVB2	5740	6256	0.26%	0.017%
11	4.675	299	304	316	rVB	55451	89257	3.66%	0.249%
12	5.940	512	519	523	rBV	36743	51567	2.11%	0.144%
13	6.704	643	649	662	rBV2	391914	794112	32.53%	2.219%
14	6.863	670	676	685	rBV	372955	549569	22.51%	1.536%
15	7.045	700	707	718	rBV	486511	760207	31.14%	2.125%
16	7.157	724	726	732	rVV4	5237	9215	0.38%	0.026%
17	7.510	779	786	794	rBV	686683	1096597	44.92%	3.065%
18	7.581	794	798	802	rVB3	4517	6305	0.26%	0.018%
19	8.228	901	908	917	rBV	429850	743405	30.45%	2.078%
20	8.663	975	982	996	rBV	443569	746203	30.57%	2.085%
21	9.045	1042	1047	1052	rVB2	26636	37145	1.52%	0.104%
22	9.375	1097	1103	1112	rBV	353076	607079	24.87%	1.697%
23	9.910	1187	1194	1204	rBV	482411	871945	35.72%	2.437%
24	10.275	1249	1256	1264	rBV	1056269	1683635	68.97%	4.705%
25	10.434	1276	1283	1299	rBV	323611	717572	29.39%	2.005%
26	11.528	1463	1469	1474	rBV3	3758	6403	0.26%	0.018%
27	11.698	1494	1498	1504	rVB4	6987	10294	0.42%	0.029%
28	11.886	1525	1530	1535	rBV2	5421	10236	0.42%	0.029%
29	12.763	1672	1679	1683	rBV3	3778	6927	0.28%	0.019%
30	13.586	1812	1819	1824	rBV	1072850	1499564	61.43%	4.191%
31	13.633	1824	1827	1835	rVV	186786	268818	11.01%	0.751%
32	13.851	1857	1864	1878	rBV	1169241	1793196	73.45%	5.012%
33	14.069	1897	1901	1905	rVB3	5290	6447	0.26%	0.018%
34	14.163	1910	1917	1931	rVV2	1441877	2229449	91.32%	6.231%

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 Title : SVOA CALIBRATION

35	14.416	1954	1960	1976	rBV	213854	504290	20.66%	1.409%
36	14.621	1989	1995	2003	rVB5	25354	52505	2.15%	0.147%
37	14.974	2050	2055	2059	rBV2	10921	16328	0.67%	0.046%
38	15.010	2059	2061	2070	rVB5	10925	23090	0.95%	0.065%
39	15.169	2082	2088	2098	rVV	1399502	2001023	81.97%	5.592%
40	15.233	2098	2099	2106	rVB2	5490	6843	0.28%	0.019%
41	15.316	2108	2113	2122	rVV	266058	415754	17.03%	1.162%
42	15.410	2125	2129	2137	rVB6	14731	23562	0.97%	0.066%
43	15.739	2182	2185	2188	rBV4	5152	7184	0.29%	0.020%
44	15.910	2207	2214	2221	rBV7	14179	36548	1.50%	0.102%
45	16.198	2260	2263	2266	rBV4	4597	6255	0.26%	0.017%
46	16.357	2285	2290	2295	rBV6	6725	11915	0.49%	0.033%
47	16.480	2305	2311	2313	rBV4	17993	26733	1.10%	0.075%
48	16.698	2344	2348	2349	rBV3	5938	7297	0.30%	0.020%
49	16.839	2368	2372	2380	rBV7	20630	44122	1.81%	0.123%
50	16.921	2380	2386	2392	rVV2	1493648	2171205	88.94%	6.068%
51	16.962	2392	2393	2397	rVV	29022	32025	1.31%	0.090%
52	17.021	2397	2403	2416	rVV2	1265240	1875779	76.84%	5.242%
53	17.110	2416	2418	2423	rVB4	6269	9561	0.39%	0.027%
54	17.327	2450	2455	2464	rBV6	30189	59285	2.43%	0.166%
55	17.427	2470	2472	2475	rBV2	6059	7031	0.29%	0.020%
56	17.610	2500	2503	2508	rVB3	9708	13210	0.54%	0.037%
57	17.715	2514	2521	2528	rBV8	13258	32229	1.32%	0.090%
58	17.774	2528	2531	2534	rBV3	8332	11235	0.46%	0.031%
59	17.839	2537	2542	2549	rBV	302023	418844	17.16%	1.171%
60	17.933	2556	2558	2563	rVB4	13955	15781	0.65%	0.044%
61	18.004	2565	2570	2573	rVV7	15776	25035	1.03%	0.070%
62	18.033	2573	2575	2579	rVB4	7524	7631	0.31%	0.021%
63	18.127	2587	2591	2595	rBV5	21648	32773	1.34%	0.092%
64	18.262	2612	2614	2617	rBV4	5760	7530	0.31%	0.021%
65	18.321	2620	2624	2627	rVB4	9643	16649	0.68%	0.047%
66	18.651	2677	2680	2684	rVB4	8616	10482	0.43%	0.029%
67	18.709	2684	2690	2698	rBV3	144430	249893	10.24%	0.698%
68	18.774	2698	2701	2702	rBV2	19773	24138	0.99%	0.067%
69	18.827	2708	2710	2713	rVB4	10492	10179	0.42%	0.028%
70	18.880	2713	2719	2724	rBV2	37500	62547	2.56%	0.175%
71	18.992	2730	2738	2748	rBV	437962	688752	28.21%	1.925%

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72	19.068	2748	2751	2754	rVB4	13214	11906	0.49%	0.033%
73	19.104	2754	2757	2758	rBV3	11829	12493	0.51%	0.035%
74	19.133	2758	2762	2769	rVV3	111581	185855	7.61%	0.519%
75	19.227	2774	2778	2779	rBV3	12665	16619	0.68%	0.046%
76	19.274	2784	2786	2790	rVV5	14236	17527	0.72%	0.049%
77	19.333	2790	2796	2799	rVV	1458641	2016339	82.59%	5.635%
78	19.362	2799	2801	2805	rVV	489956	552047	22.61%	1.543%
79	19.398	2805	2807	2811	rVV4	26680	37786	1.55%	0.106%
80	19.439	2811	2814	2818	rVV5	22543	36597	1.50%	0.102%
81	19.551	2829	2833	2838	rVB	23517	37875	1.55%	0.106%
82	19.692	2852	2857	2865	rBV4	49804	129491	5.30%	0.362%
83	19.827	2876	2880	2885	rBV6	50570	119343	4.89%	0.334%
84	20.021	2908	2913	2919	rBV2	60285	115999	4.75%	0.324%
85	20.162	2934	2937	2940	rBV3	37321	43740	1.79%	0.122%
86	20.621	3012	3015	3021	rBV	92876	123677	5.07%	0.346%
87	20.780	3039	3042	3046	rBV2	62356	80807	3.31%	0.226%
88	20.821	3047	3049	3052	rVV	50724	54795	2.24%	0.153%
89	20.862	3052	3056	3063	rVV3	211958	326885	13.39%	0.914%
90	20.921	3064	3066	3072	rVB	61280	74711	3.06%	0.209%
91	21.139	3096	3103	3107	rBV2	1623908	2441254	100.00%	6.823%
92	21.174	3107	3109	3114	rVB	212779	259447	10.63%	0.725%
93	21.727	3200	3203	3205	rBV3	78438	89100	3.65%	0.249%
94	22.174	3276	3279	3283	rVB2	88075	116259	4.76%	0.325%
95	22.662	3356	3362	3367	rBV2	486279	1009958	41.37%	2.823%
96	23.115	3436	3439	3442	rBV	135628	193670	7.93%	0.541%
97	23.168	3443	3448	3461	rVB2	820396	1954868	80.08%	5.463%
98	23.303	3465	3471	3477	rBV	922840	1642899	67.30%	4.592%
99	23.797	3552	3555	3561	rVB3	138203	232684	9.53%	0.650%
100	28.497	4352	4354	4356	rBV2	62598	63406	2.60%	0.177%

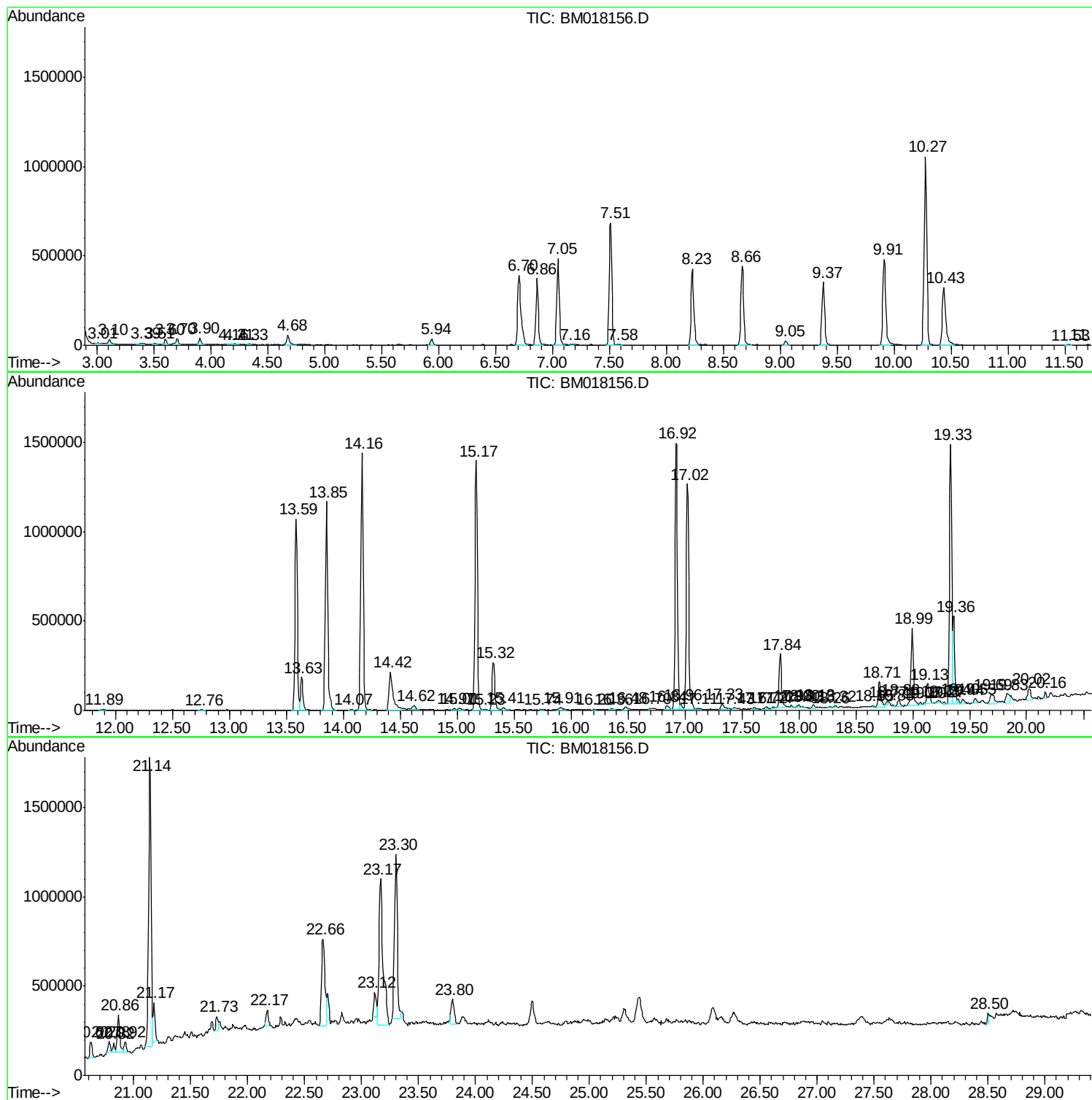
Sum of corrected areas: 35780587

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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



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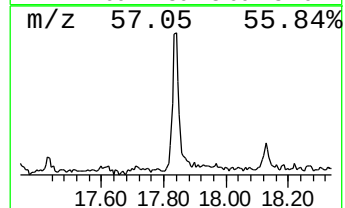
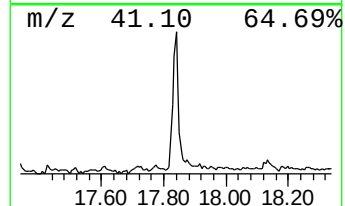
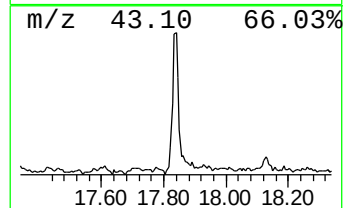
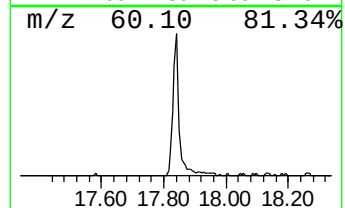
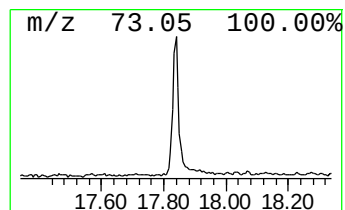
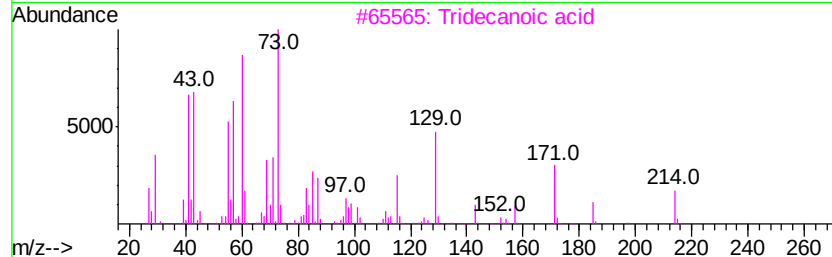
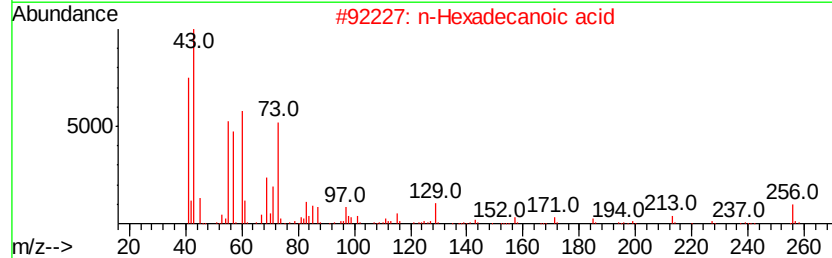
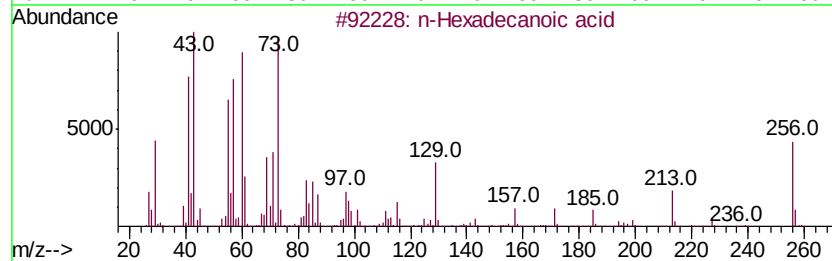
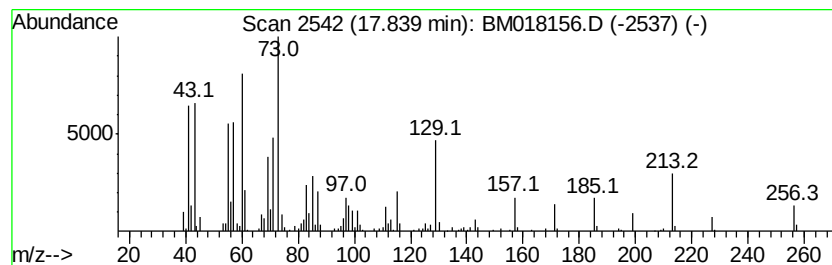
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.84	3.86 ng/ul	418844	Phenanthrene-d10	16.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	Undecanoic acid	186	C11H22O2	000112-37-8	83	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76	



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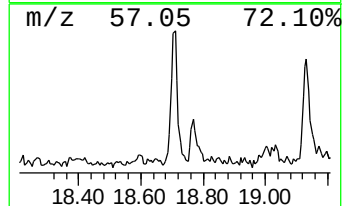
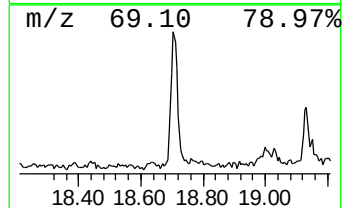
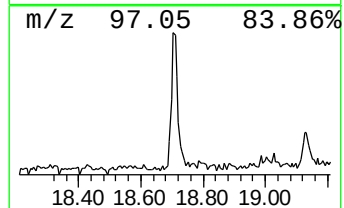
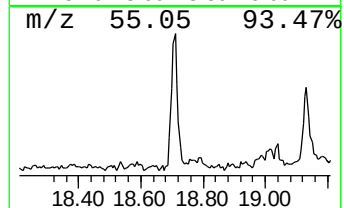
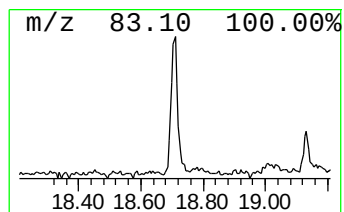
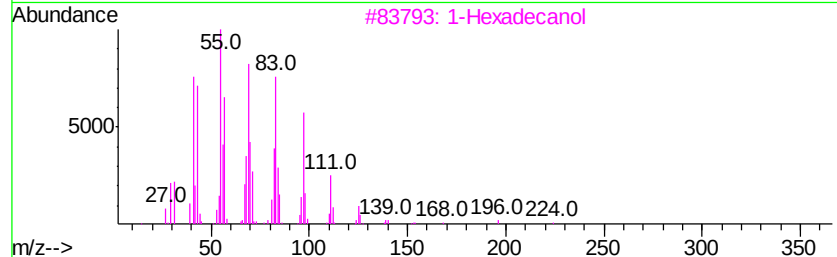
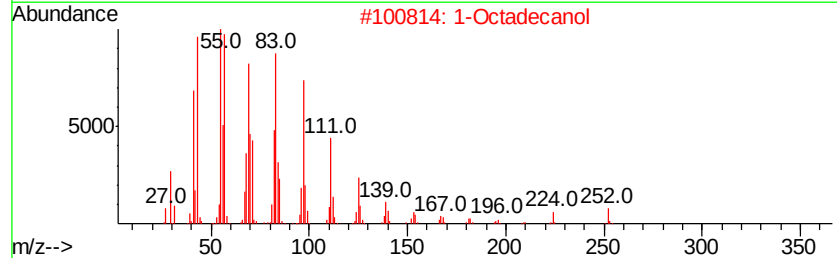
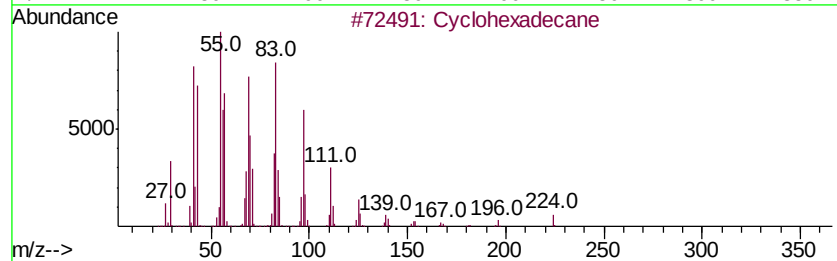
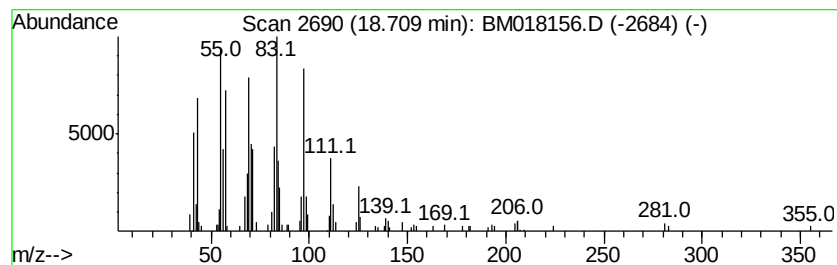
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic18.71 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	2.30 ng/ul	249893	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	98
2		1-Octadecanol	270	C18H38O	000112-92-5	94
3		1-Hexadecanol	242	C16H34O	036653-82-4	90
4		1-Nonadecene	266	C19H38	018435-45-5	90
5		1-Pentadecanol	228	C15H32O	000629-76-5	87



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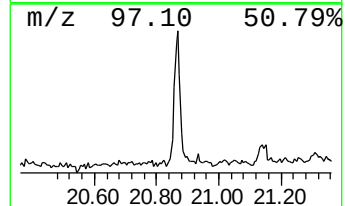
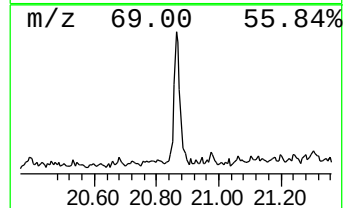
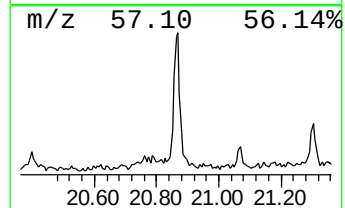
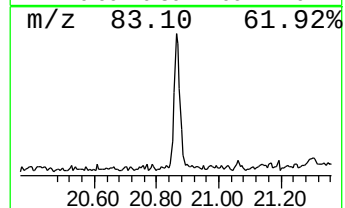
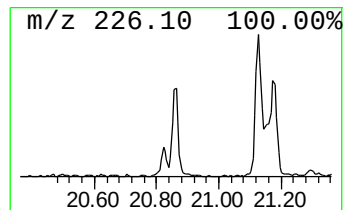
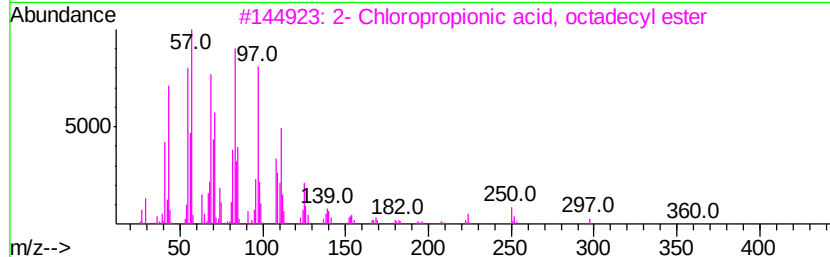
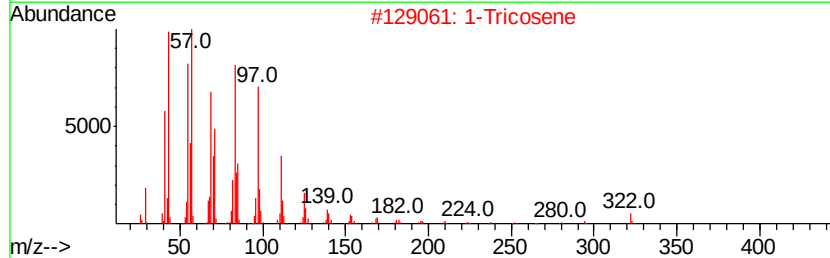
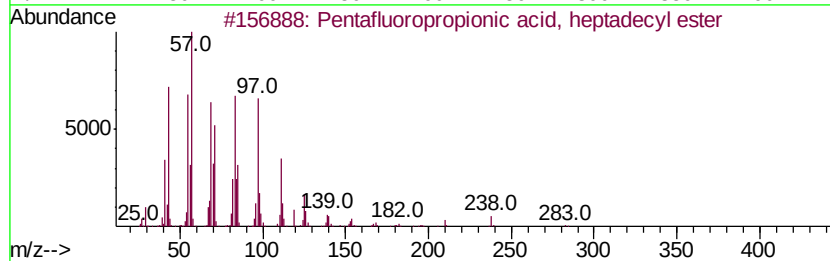
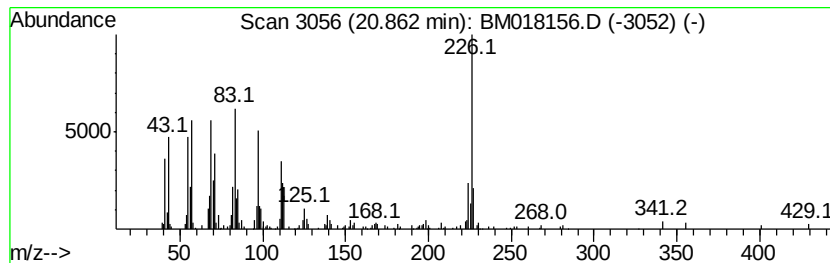
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.68 ng/ul	326885	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	49
2		1-Tricosene	322	C23H46	018835-32-0	46
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	43
4		1-Nonadecene	266	C19H38	018435-45-5	38
5		Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018156.D
Acq On : 14 Dec 2018 07:37
Operator : JU/SJ
Sample : J6236-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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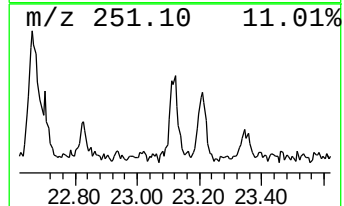
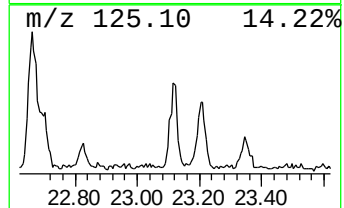
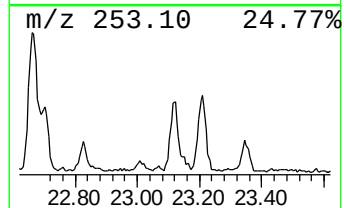
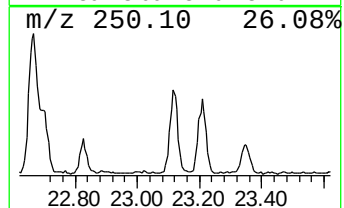
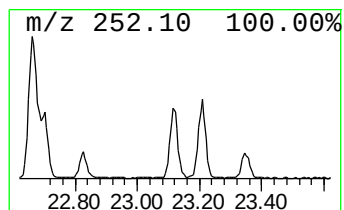
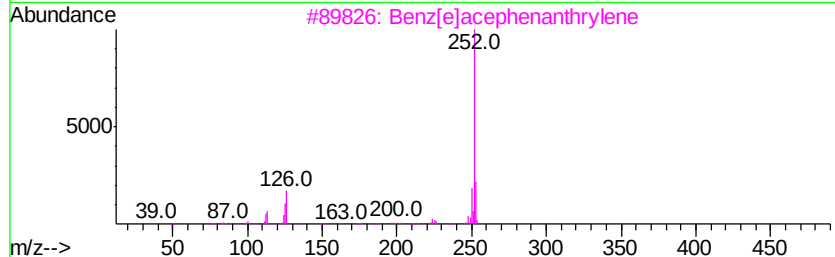
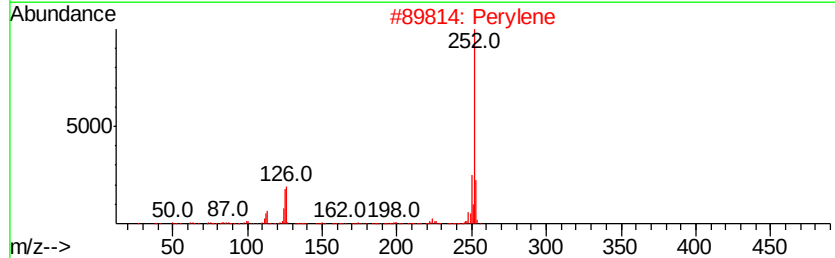
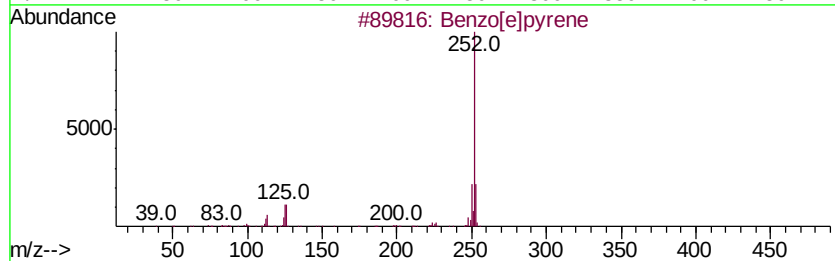
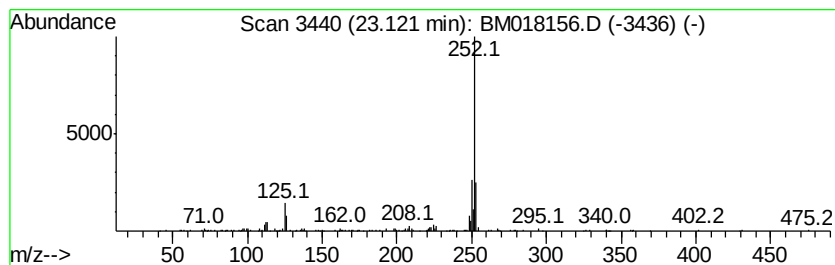
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	2.36 ng/ul	193670	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	93
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[il]fluoranthene	252	C20H12	000205-82-3	93
5		Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018156.D
Acq On : 14 Dec 2018 07:37
Operator : JU/SJ
Sample : J6236-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E22

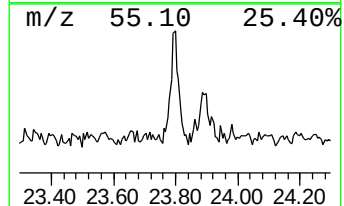
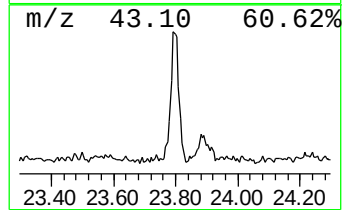
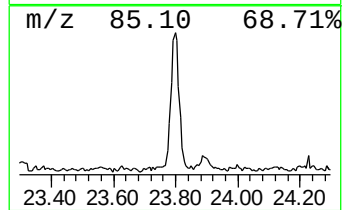
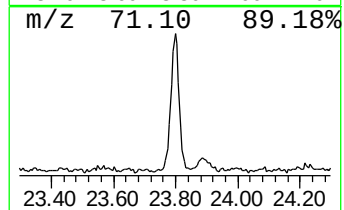
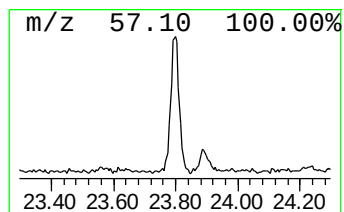
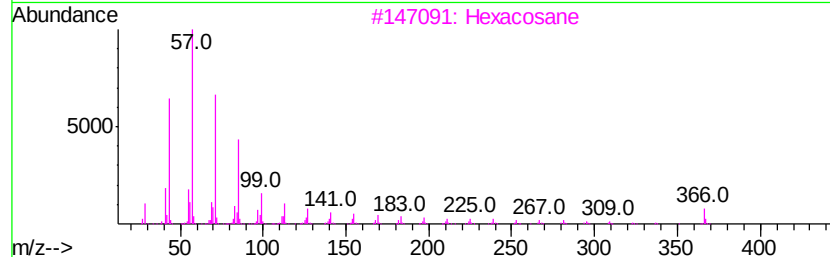
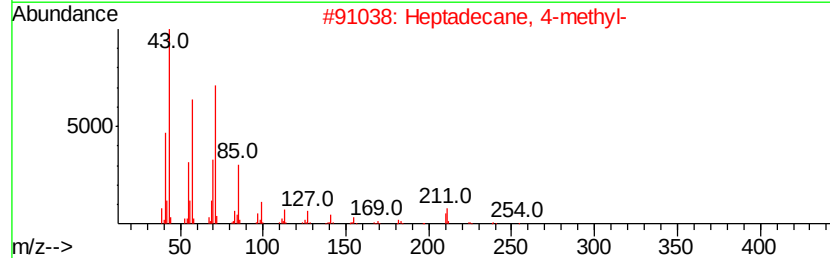
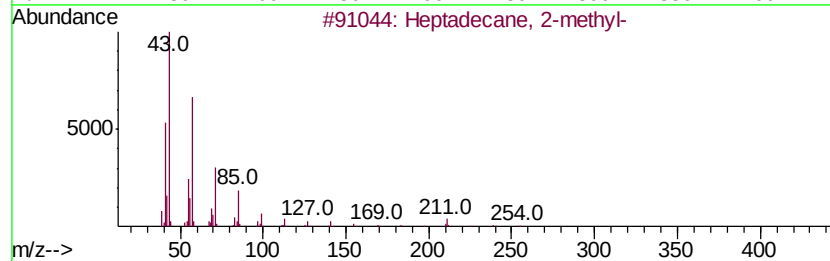
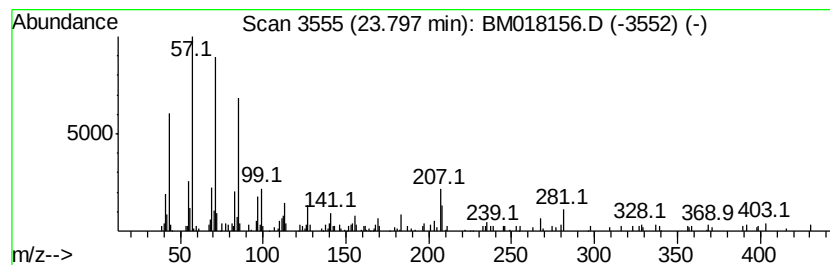
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	2.83 ng/ul	232684	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	86
2		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	70
3		Hexacosane	366	C26H54	000630-01-3	68
4		Nonacosane	408	C29H60	000630-03-5	68
5		Hexacosane	366	C26H54	000630-01-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121318\
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Sample : J6236-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	3.9	ng/ul	418844	4	16.92	2171210	20.0
(DEL) Alkane: Cyc...	18.71	2.3	ng/ul	249893	4	16.92	2171210	20.0
unknown-01	20.86	2.7	ng/ul	326885	5	21.14	2441250	20.0
Benzo[e]pyrene	23.12	2.4	ng/ul	193670	6	23.30	1642900	20.0
(DEL) Alkane: Str...	23.80	2.8	ng/ul	232684	6	23.30	1642900	20.0