

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018145.D
 Acq On : 14 Dec 2018 00:55
 Operator : JU/SJ
 Sample : J6271-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9F11

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	3.105	33	37	41	rBV	15658	20629	0.83%	0.068%
2	3.705	132	139	143	rVB3	14970	22703	0.91%	0.075%
3	3.899	169	172	180	rVB3	11587	17458	0.70%	0.058%
4	4.675	299	304	306	rVV	20048	24906	1.00%	0.083%
5	4.699	306	308	315	rVB2	15301	17620	0.71%	0.058%
6	5.940	514	519	523	rBV2	9254	13559	0.54%	0.045%
7	6.704	643	649	662	rVV3	236184	516626	20.73%	1.713%
8	6.863	670	676	687	rBV	243288	380990	15.29%	1.263%
9	7.046	700	707	716	rBV	296194	493593	19.81%	1.636%
10	7.510	780	786	795	rBV	413381	667039	26.77%	2.211%
11	8.228	902	908	921	rVV	291824	536308	21.52%	1.778%
12	8.663	974	982	993	rBV	266745	474743	19.05%	1.574%
13	9.045	1042	1047	1053	rVV3	12165	21764	0.87%	0.072%
14	9.192	1065	1072	1081	rVB5	9380	19490	0.78%	0.065%
15	9.381	1097	1104	1110	rVV	229486	415102	16.66%	1.376%
16	9.451	1113	1116	1123	rVB6	11792	18792	0.75%	0.062%
17	9.916	1189	1195	1205	rBV	325017	621261	24.93%	2.060%
18	10.228	1243	1248	1249	rBV3	6433	9441	0.38%	0.031%
19	10.275	1249	1256	1265	rVB	644633	1079728	43.33%	3.580%
20	10.434	1277	1283	1302	rBV	286131	631290	25.33%	2.093%
21	10.663	1319	1322	1327	rVV6	8752	11297	0.45%	0.037%
22	10.757	1332	1338	1341	rBV6	8823	19326	0.78%	0.064%
23	10.939	1366	1369	1373	rBV5	9151	15826	0.64%	0.052%
24	11.181	1407	1410	1417	rVB7	6194	9368	0.38%	0.031%
25	11.298	1424	1430	1433	rBV2	25963	46647	1.87%	0.155%
26	11.351	1437	1439	1446	rVB5	13415	22214	0.89%	0.074%
27	11.445	1448	1455	1460	rVB7	11635	24997	1.00%	0.083%
28	11.551	1463	1473	1478	rBV10	13087	31963	1.28%	0.106%
29	11.604	1478	1482	1483	rBV3	10106	9579	0.38%	0.032%
30	11.698	1492	1498	1499	rBV4	9491	14059	0.56%	0.047%
31	11.851	1518	1524	1526	rBV6	9276	19171	0.77%	0.064%
32	12.033	1551	1555	1558	rVB4	9855	14719	0.59%	0.049%
33	12.110	1562	1568	1571	rBV6	7574	12908	0.52%	0.043%
34	12.269	1591	1595	1598	rBV4	10069	18582	0.75%	0.062%

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35	12.328	1603	1605	1610	rVV5	6916	12098	0.49%	0.040%
36	12.569	1640	1646	1652	rBV9	11472	28205	1.13%	0.094%
37	12.628	1653	1656	1659	rBV4	9680	10370	0.42%	0.034%
38	12.680	1661	1665	1669	rVB	41535	59497	2.39%	0.197%
39	12.804	1684	1686	1689	rBV4	7188	9790	0.39%	0.032%
40	12.957	1707	1712	1713	rVV5	17359	25120	1.01%	0.083%
41	12.980	1713	1716	1723	rVB6	27696	53089	2.13%	0.176%
42	13.139	1741	1743	1747	rVB5	10285	10927	0.44%	0.036%
43	13.186	1747	1751	1754	rBV	33318	52252	2.10%	0.173%
44	13.327	1770	1775	1783	rVB5	27024	69774	2.80%	0.231%
45	13.480	1795	1801	1806	rBV3	50536	96502	3.87%	0.320%
46	13.533	1807	1810	1814	rVV2	42575	63969	2.57%	0.212%
47	13.586	1814	1819	1824	rVV	799178	1089829	43.73%	3.613%
48	13.639	1824	1828	1834	rVB2	183900	282605	11.34%	0.937%
49	13.851	1858	1864	1880	rBV	849698	1338971	53.73%	4.439%
50	14.069	1895	1901	1905	rBV2	63173	101811	4.09%	0.338%
51	14.163	1911	1917	1925	rBV2	966565	1481282	59.44%	4.911%
52	14.222	1925	1927	1931	rVB6	12600	14945	0.60%	0.050%
53	14.410	1950	1959	1967	rBV2	173183	477659	19.17%	1.584%
54	14.569	1980	1986	1990	rBV3	37943	76373	3.06%	0.253%
55	14.651	1996	2000	2004	rVB2	38891	56701	2.28%	0.188%
56	14.698	2004	2008	2014	rVB7	35806	53676	2.15%	0.178%
57	14.792	2019	2024	2030	rVV5	40177	84150	3.38%	0.279%
58	14.845	2031	2033	2037	rVB2	17244	17876	0.72%	0.059%
59	14.974	2045	2055	2057	rBV9	35134	100775	4.04%	0.334%
60	15.033	2061	2065	2068	rVB2	71278	82090	3.29%	0.272%
61	15.069	2068	2071	2074	rBV5	14312	15143	0.61%	0.050%
62	15.127	2077	2081	2082	rBV4	12596	14427	0.58%	0.048%
63	15.169	2082	2088	2094	rVV	1230983	1636929	65.68%	5.427%
64	15.269	2102	2105	2108	rBV3	17305	25675	1.03%	0.085%
65	15.316	2108	2113	2122	rVV	340163	540306	21.68%	1.791%
66	15.392	2122	2126	2127	rVV4	15427	23867	0.96%	0.079%
67	15.439	2130	2134	2139	rVB2	69161	106217	4.26%	0.352%
68	15.498	2142	2144	2145	rBV2	16912	14096	0.57%	0.047%
69	15.592	2155	2160	2161	rBV5	26169	33015	1.32%	0.109%
70	15.639	2166	2168	2173	rVB5	24041	28052	1.13%	0.093%
71	15.739	2182	2185	2186	rBV3	17661	18877	0.76%	0.063%

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72	15.827	2196	2200	2203	rBV6	15354	25683	1.03%	0.085%
73	15.898	2208	2212	2214	rBV3	121664	174899	7.02%	0.580%
74	16.039	2233	2236	2239	rVV4	22984	32580	1.31%	0.108%
75	16.439	2300	2304	2306	rBV4	16202	24617	0.99%	0.082%
76	16.474	2308	2310	2315	rVV4	24759	41693	1.67%	0.138%
77	16.692	2344	2347	2351	rBV	74636	84653	3.40%	0.281%
78	16.745	2352	2356	2360	rVV	90955	132923	5.33%	0.441%
79	16.774	2360	2361	2364	rVB3	32292	17998	0.72%	0.060%
80	16.921	2381	2386	2392	rBV2	1144484	1668600	66.96%	5.532%
81	17.021	2398	2403	2414	rVB2	1190151	1732514	69.52%	5.744%
82	17.210	2433	2435	2437	rBV3	27177	26356	1.06%	0.087%
83	17.333	2454	2456	2457	rBV	22197	16955	0.68%	0.056%
84	17.427	2469	2472	2479	rVB	79670	88144	3.54%	0.292%
85	17.568	2494	2496	2504	rVB9	16899	24824	1.00%	0.082%
86	17.839	2535	2542	2551	rBV3	381317	563278	22.60%	1.867%
87	18.121	2587	2590	2595	rBV2	58028	76487	3.07%	0.254%
88	18.768	2697	2700	2708	rVB	69364	94428	3.79%	0.313%
89	18.880	2715	2719	2724	rBV8	16997	32436	1.30%	0.108%
90	19.133	2757	2762	2767	rBV2	173861	257897	10.35%	0.855%
91	19.333	2790	2796	2804	rBV2	1458148	2072180	83.15%	6.870%
92	19.898	2889	2892	2896	rVB	66516	80284	3.22%	0.266%
93	20.398	2974	2977	2980	rVB2	62172	72010	2.89%	0.239%
94	20.862	3052	3056	3063	rBV	537453	714786	28.68%	2.370%
95	21.139	3098	3103	3113	rBV2	1699211	2230193	89.49%	7.394%
96	22.168	3275	3278	3283	rVB2	106857	135527	5.44%	0.449%
97	22.650	3357	3360	3366	rVB2	102851	139744	5.61%	0.463%
98	23.162	3441	3447	3459	rVB	1275189	2492109	100.00%	8.262%
99	23.297	3464	3470	3481	rVB2	1250402	2364353	94.87%	7.838%
100	23.886	3568	3570	3579	rVB5	138623	264953	10.63%	0.878%

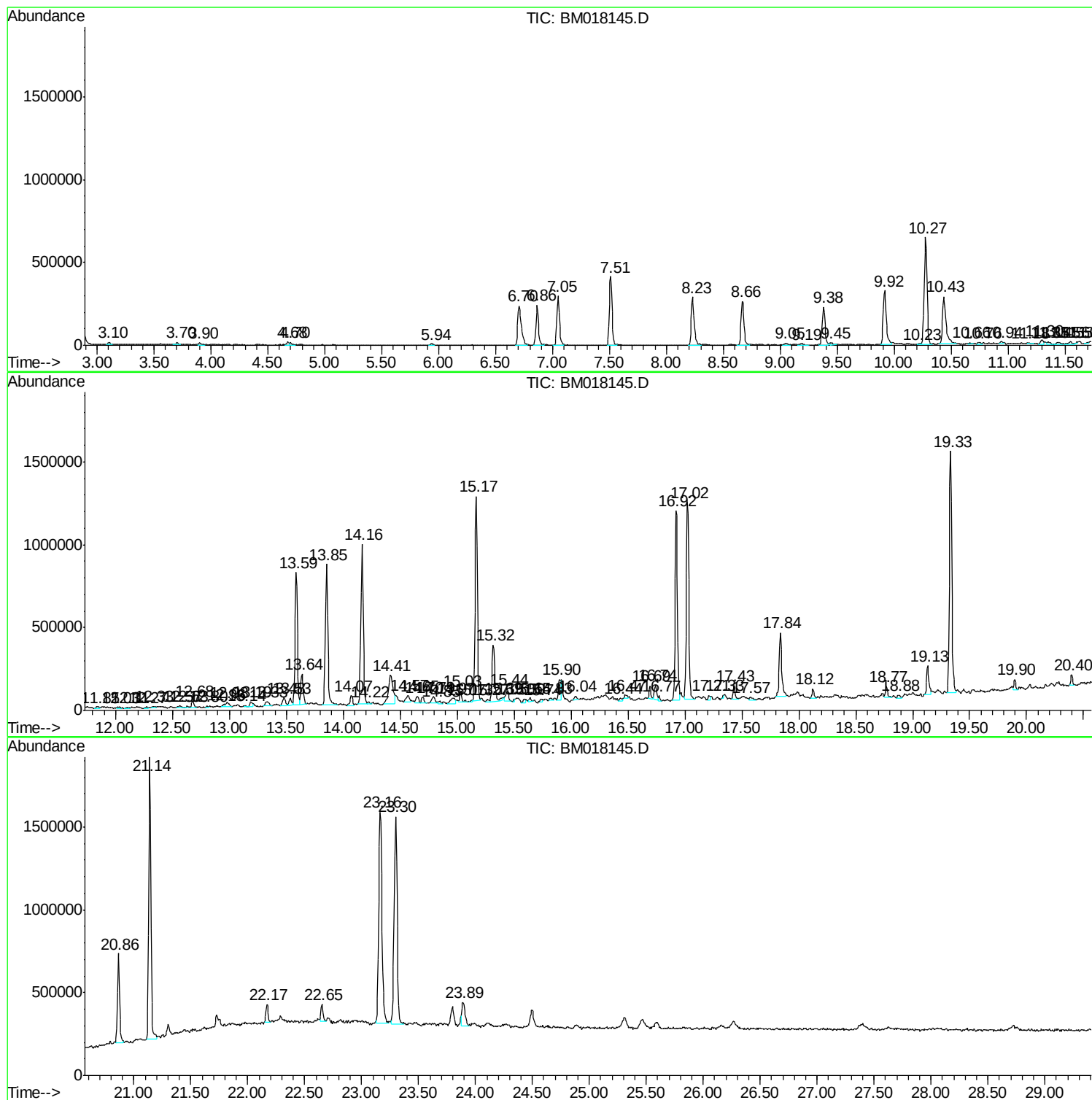
Sum of corrected areas: 30163742

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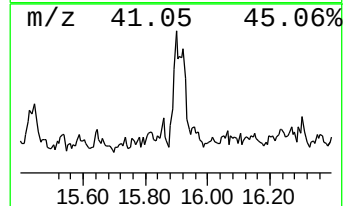
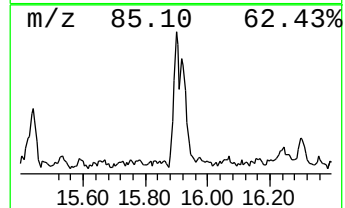
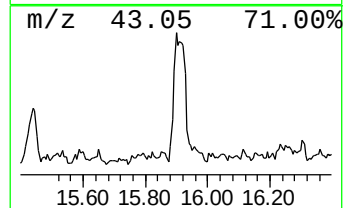
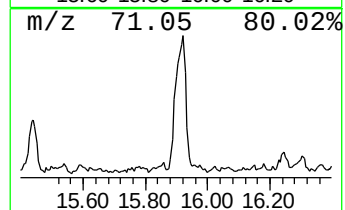
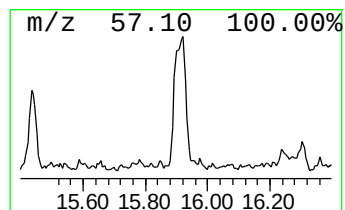
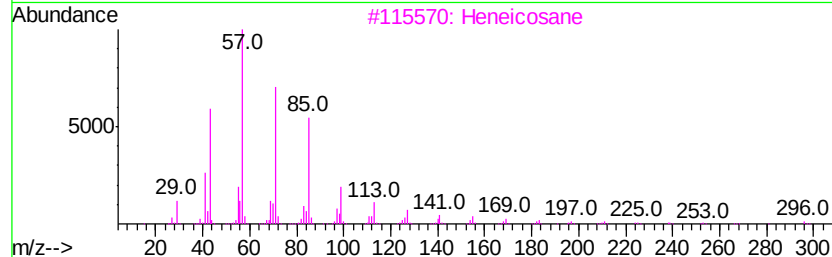
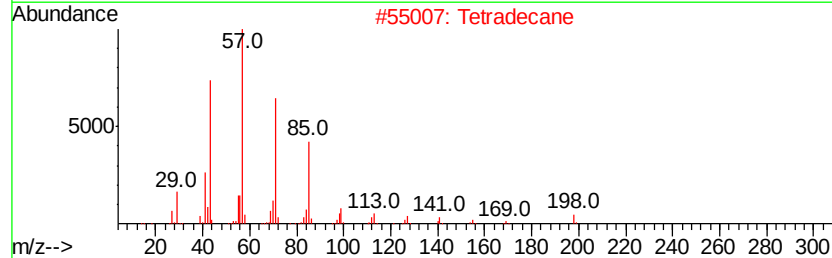
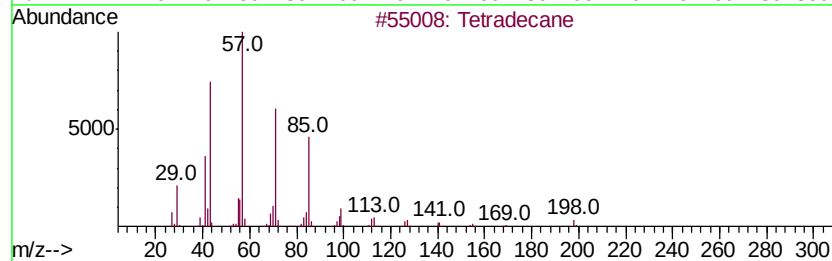
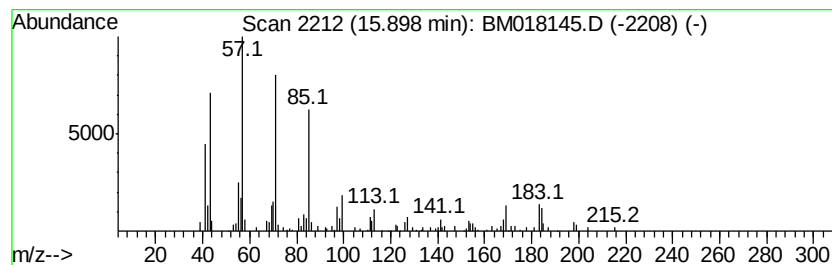
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.90	2.10 ng/ul	174899	Phenanthrene-d10		16.92
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tetradecane	198	C14H30	000629-59-4	93
3	Heneicosane	296	C21H44	000629-94-7	81
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	80



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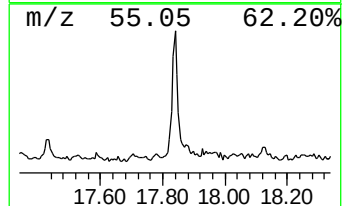
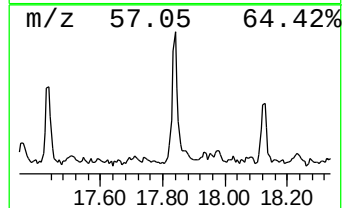
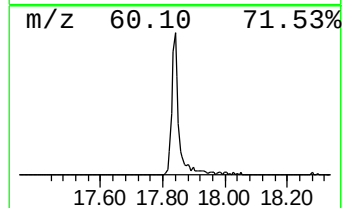
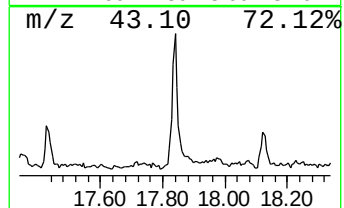
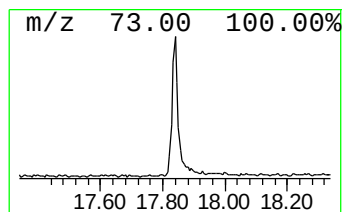
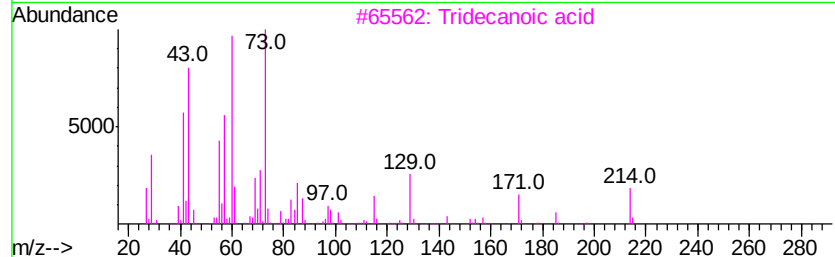
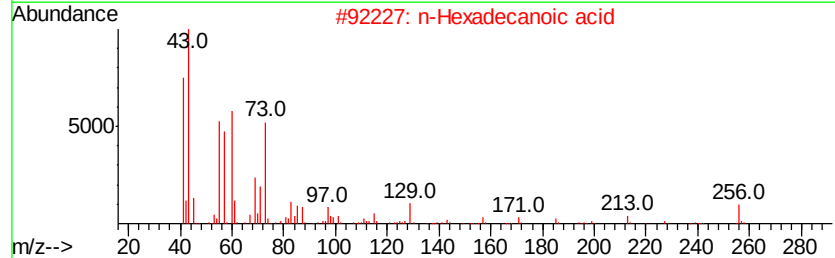
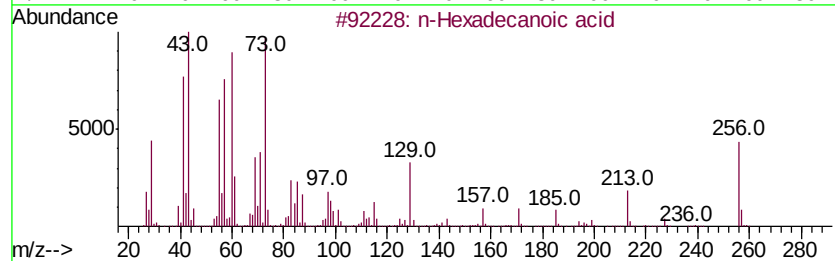
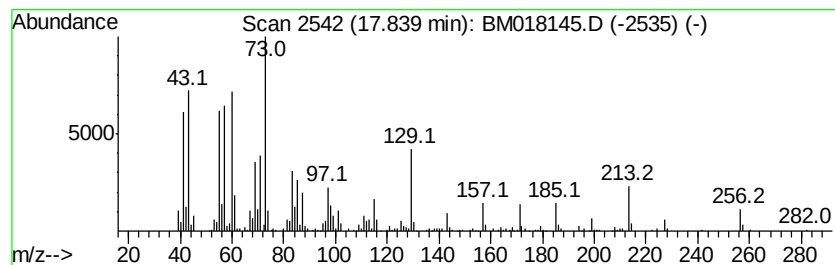
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.84	6.75 ng/ul	563278	Phenanthrene-d10		16.92
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	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Undecanoic acid	186	C11H22O2	000112-37-8	72



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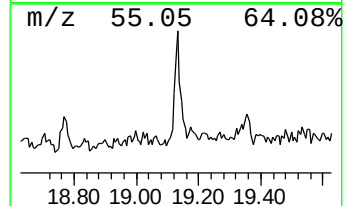
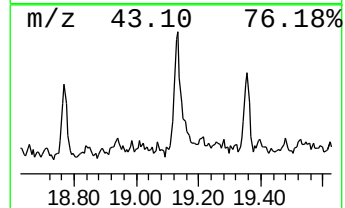
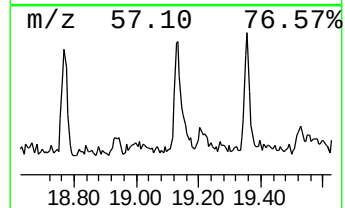
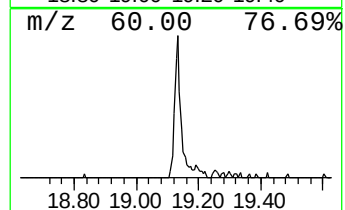
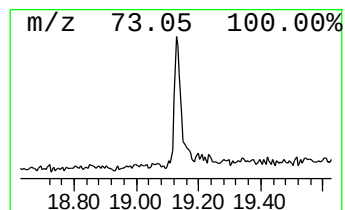
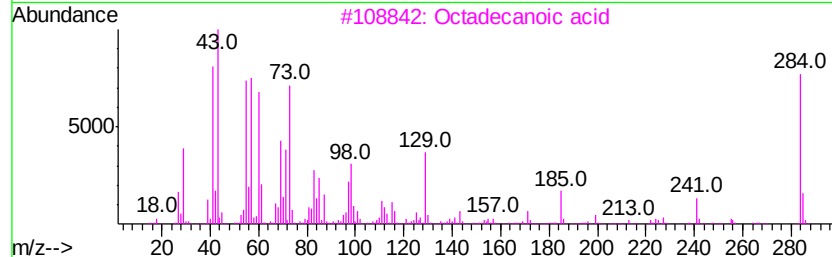
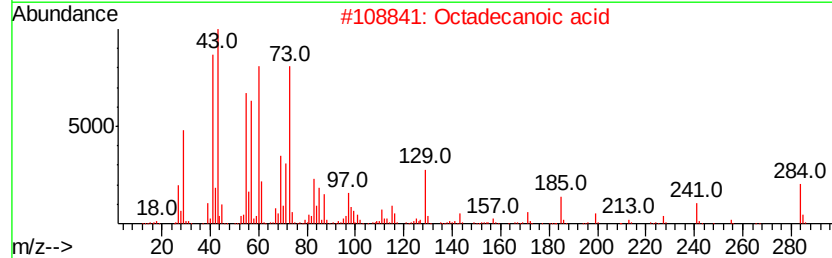
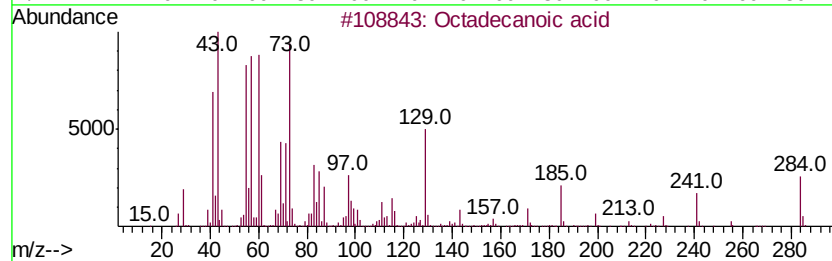
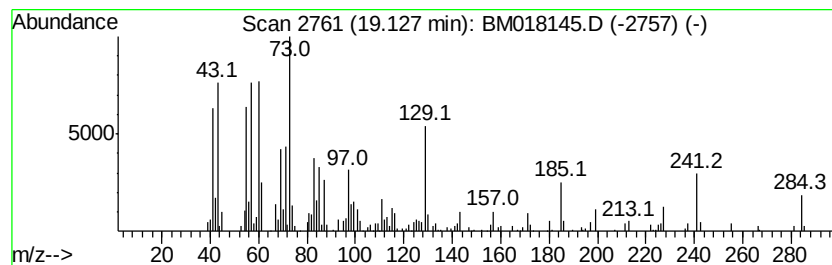
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.13	2.31 ng/ul	257897	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	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	94
4			Octadecanoic acid	284	C18H36O2	000057-11-4	94
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018145.D
Acq On : 14 Dec 2018 00:55
Operator : JU/SJ
Sample : J6271-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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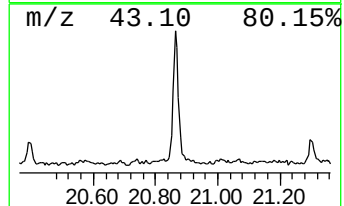
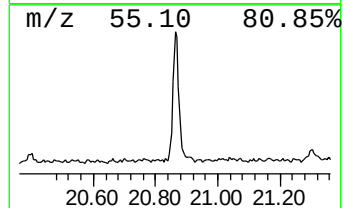
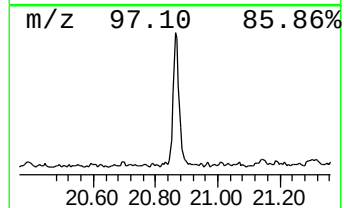
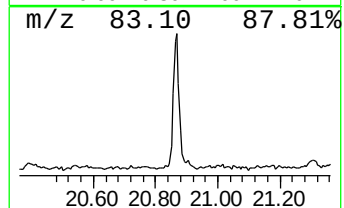
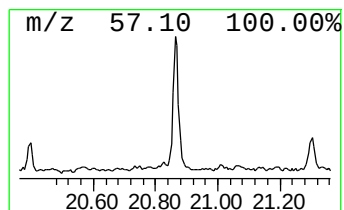
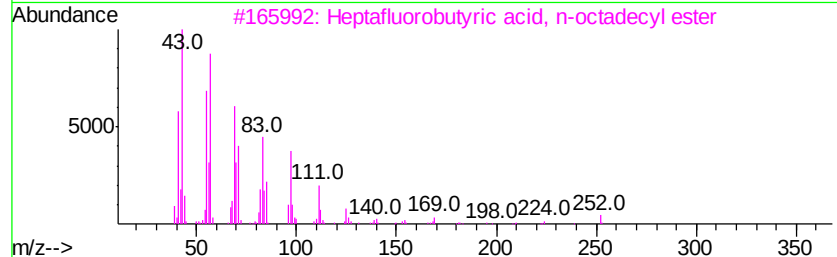
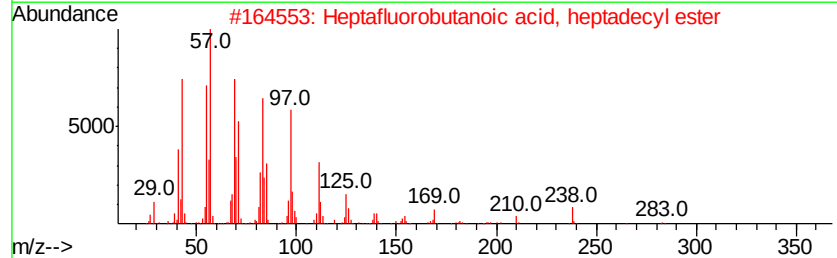
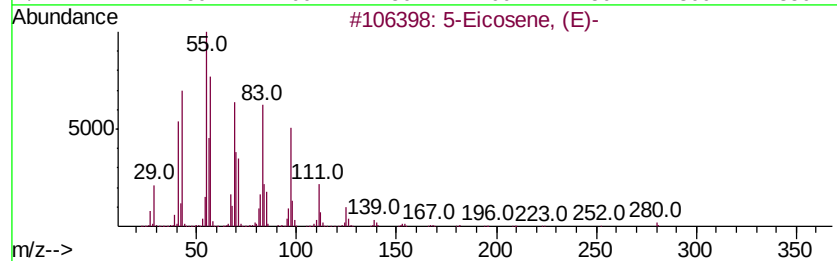
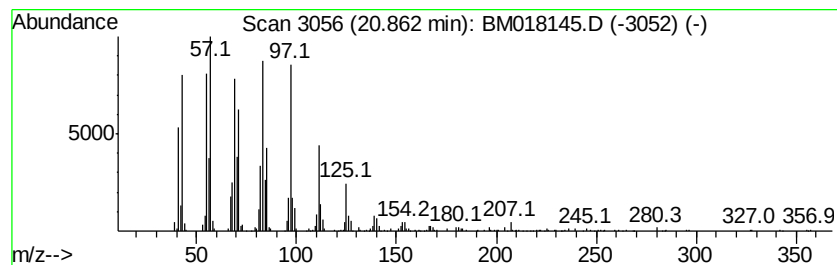
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic20.86 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	6.41 ng/ul	714786	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2		Heptafluorobutanoic acid, heptadecyl ester	452	C21H35F7O2	1000282-97-3	94
3		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	91
4		2-Chloropropionic acid, octadecyl ester	360	C21H41ClO2	088104-31-8	91
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018145.D
Acq On : 14 Dec 2018 00:55
Operator : JU/SJ
Sample : J6271-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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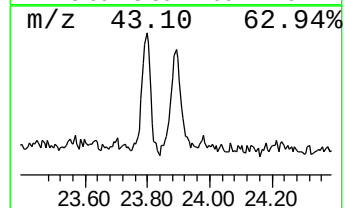
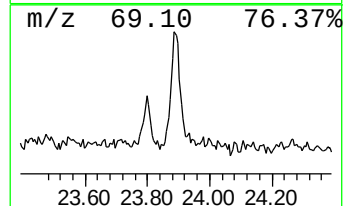
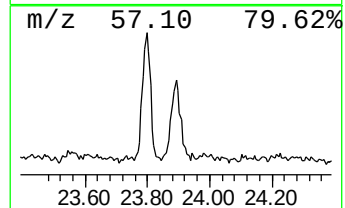
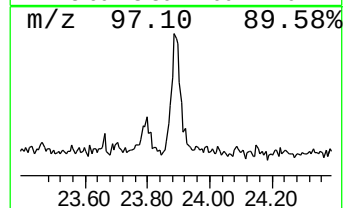
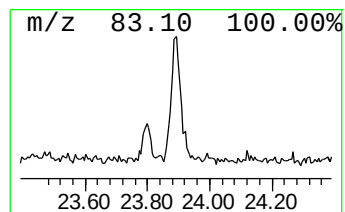
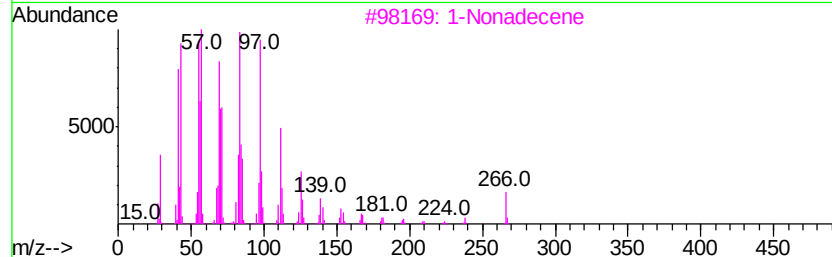
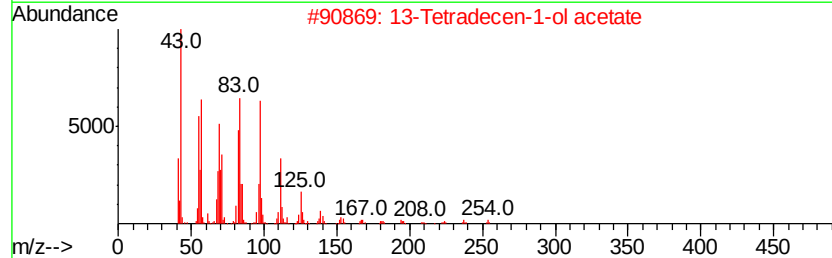
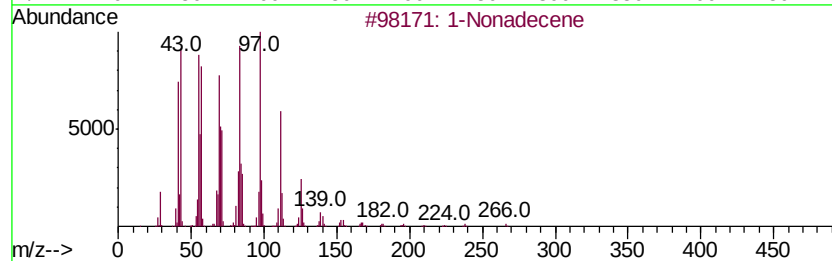
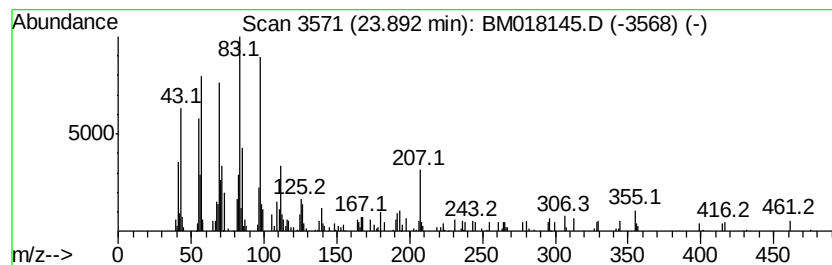
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic23.89 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	2.24 ng/ul	264953	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	68
2		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	45
3		1-Nonadecene	266	C19H38	018435-45-5	38
4		Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	27
5		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121318\
Data File : BM018145.D
Acq On : 14 Dec 2018 00:55
Operator : JU/SJ
Sample : J6271-04
Misc :
ALS Vial : 14 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
(DEL) Alkane: Str...	15.90	2.1	ng/ul	174899	4	16.92	1668600	20.0
n-Hexadecanoic acid	17.84	6.8	ng/ul	563278	4	16.92	1668600	20.0
Octadecanoic acid	19.13	2.3	ng/ul	257897	5	21.14	2230190	20.0
(DEL) Alkane: Cyc...	20.86	6.4	ng/ul	714786	5	21.14	2230190	20.0
(DEL) Alkane: Cyc...	23.89	2.2	ng/ul	264953	6	23.30	2364350	20.0