

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018158.D
 Acq On : 14 Dec 2018 08:49
 Operator : JU/SJ
 Sample : J6271-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E24

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	32	37	43	rBV	26239	36647	1.06%	0.087%
2	3.387	82	85	89	rBV	6745	9745	0.28%	0.023%
3	3.499	100	104	110	rBV4	5808	10066	0.29%	0.024%
4	3.599	116	121	128	rBV2	19195	28235	0.82%	0.067%
5	3.704	134	139	144	rVB2	20194	31977	0.93%	0.076%
6	3.799	151	155	158	rVB4	4882	5153	0.15%	0.012%
7	3.899	167	172	178	rBV2	15932	21049	0.61%	0.050%
8	4.157	213	216	221	rVB3	3920	4924	0.14%	0.012%
9	4.210	221	225	228	rBV2	3822	6007	0.17%	0.014%
10	4.675	299	304	312	rBV2	27936	47930	1.39%	0.113%
11	5.940	514	519	523	rVB	14482	20178	0.59%	0.048%
12	6.704	642	649	663	rBV2	477859	921352	26.76%	2.175%
13	6.804	663	666	670	rVV4	5930	9256	0.27%	0.022%
14	6.863	670	676	686	rVV	409440	622933	18.10%	1.471%
15	7.045	700	707	719	rBV	543154	853965	24.81%	2.016%
16	7.340	753	757	760	rBV3	2806	3550	0.10%	0.008%
17	7.510	779	786	794	rBV	578904	934951	27.16%	2.208%
18	7.581	794	798	803	rVB6	4731	8218	0.24%	0.019%
19	8.222	901	907	920	rBV	488137	881255	25.60%	2.081%
20	8.663	974	982	997	rBV	517369	868833	25.24%	2.051%
21	9.045	1040	1047	1055	rBV	19573	29910	0.87%	0.071%
22	9.375	1096	1103	1115	rBV	456242	779061	22.63%	1.839%
23	9.910	1187	1194	1215	rBV	643443	1165102	33.84%	2.751%
24	10.057	1215	1219	1224	rVB4	4660	7035	0.20%	0.017%
25	10.275	1248	1256	1266	rBV	876600	1459807	42.41%	3.447%
26	10.433	1275	1283	1299	rBV	395985	852598	24.77%	2.013%
27	11.522	1467	1468	1473	rVB	2715	3525	0.10%	0.008%
28	11.886	1526	1530	1537	rVB2	6419	13399	0.39%	0.032%
29	12.898	1697	1702	1705	rBV3	3404	4564	0.13%	0.011%
30	13.127	1736	1741	1743	rBV2	2564	3499	0.10%	0.008%
31	13.586	1813	1819	1824	rBV	1159670	1660630	48.24%	3.921%
32	13.633	1824	1827	1835	rVB	408778	556087	16.15%	1.313%
33	13.851	1857	1864	1877	rBV	1429512	2154378	62.58%	5.087%
34	13.998	1887	1889	1894	rBV2	4006	5091	0.15%	0.012%

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35	14.074	1898	1902	1904	rVB2	3763	4189	0.12%	0.010%
36	14.163	1910	1917	1925	rBV2	1358224	2047294	59.47%	4.834%
37	14.410	1953	1959	1970	rBV	354495	709562	20.61%	1.675%
38	14.616	1988	1994	1998	rVB7	16621	32299	0.94%	0.076%
39	14.698	2006	2008	2011	rVB3	3700	3999	0.12%	0.009%
40	14.780	2017	2022	2026	rBV2	3016	4490	0.13%	0.011%
41	14.974	2050	2055	2059	rBV3	4221	7777	0.23%	0.018%
42	15.033	2059	2065	2068	rVB6	8515	13595	0.39%	0.032%
43	15.168	2080	2088	2098	rBV	1908753	2727428	79.23%	6.440%
44	15.315	2107	2113	2124	rBV	426676	663531	19.27%	1.567%
45	15.410	2126	2129	2135	rVV4	22525	37282	1.08%	0.088%
46	15.592	2157	2160	2162	rBV2	3295	4248	0.12%	0.010%
47	15.639	2164	2168	2173	rVB4	6393	11262	0.33%	0.027%
48	15.745	2180	2186	2193	rBV5	12209	18335	0.53%	0.043%
49	15.898	2209	2212	2219	rBV2	8525	14911	0.43%	0.035%
50	15.951	2219	2221	2225	rVB3	4265	4702	0.14%	0.011%
51	16.127	2247	2251	2255	rVB5	3134	5821	0.17%	0.014%
52	16.310	2277	2282	2284	rVB2	4462	6099	0.18%	0.014%
53	16.357	2284	2290	2294	rBV5	6990	13182	0.38%	0.031%
54	16.480	2306	2311	2317	rVB	22723	31882	0.93%	0.075%
55	16.551	2318	2323	2326	rBV3	2520	3816	0.11%	0.009%
56	16.651	2336	2340	2343	rBV3	3128	4944	0.14%	0.012%
57	16.709	2345	2350	2359	rVB4	7378	22869	0.66%	0.054%
58	16.839	2364	2372	2380	rBV4	27910	46202	1.34%	0.109%
59	16.921	2380	2386	2397	rBV2	1661974	2405418	69.87%	5.679%
60	17.021	2397	2403	2412	rBV	1972300	2824955	82.06%	6.670%
61	17.115	2418	2419	2423	rVB3	6015	5616	0.16%	0.013%
62	17.221	2433	2437	2442	rVB5	8091	11928	0.35%	0.028%
63	17.304	2445	2451	2452	rBV2	4889	9723	0.28%	0.023%
64	17.321	2452	2454	2458	rVV5	6768	10560	0.31%	0.025%
65	17.433	2469	2473	2478	rBV2	6935	10599	0.31%	0.025%
66	17.715	2516	2521	2526	rBV5	18197	31611	0.92%	0.075%
67	17.774	2528	2531	2535	rBV4	32283	39542	1.15%	0.093%
68	17.839	2536	2542	2551	rBV	786152	1069757	31.07%	2.526%
69	18.139	2586	2593	2596	rBV6	16877	31207	0.91%	0.074%
70	18.268	2613	2615	2618	rVB4	4481	4015	0.12%	0.009%
71	18.333	2622	2626	2629	rVB4	8098	10656	0.31%	0.025%

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72	18.515	2653	2657	2663	rVB5	6633	14101	0.41%	0.033%
73	18.639	2676	2678	2683	rVB5	6566	7768	0.23%	0.018%
74	18.709	2685	2690	2697	rBV9	7775	17887	0.52%	0.042%
75	18.768	2697	2700	2703	rVV4	8489	12049	0.35%	0.028%
76	18.827	2708	2710	2711	rBV2	5191	3473	0.10%	0.008%
77	18.874	2714	2718	2721	rBV5	6422	9807	0.28%	0.023%
78	18.998	2730	2739	2744	rBV2	103979	265531	7.71%	0.627%
79	19.133	2757	2762	2773	rBV	400342	593282	17.23%	1.401%
80	19.221	2773	2777	2785	rVB2	30496	54250	1.58%	0.128%
81	19.333	2790	2796	2804	rVV	2572112	3442527	100.00%	8.128%
82	19.398	2804	2807	2812	rVB5	40025	45283	1.32%	0.107%
83	19.562	2833	2835	2837	rBV3	6870	4599	0.13%	0.011%
84	19.650	2848	2850	2852	rBV3	10673	9190	0.27%	0.022%
85	19.692	2852	2857	2861	rVV4	76353	99885	2.90%	0.236%
86	19.780	2870	2872	2873	rBV2	7843	3628	0.11%	0.009%
87	19.868	2884	2887	2890	rBV4	26512	31676	0.92%	0.075%
88	20.286	2952	2958	2965	rBV4	55903	108828	3.16%	0.257%
89	20.398	2973	2977	2980	rBV5	38803	47009	1.37%	0.111%
90	20.862	3052	3056	3063	rBV	784428	1021399	29.67%	2.412%
91	21.145	3098	3104	3108	rBV	2025636	2736724	79.50%	6.462%
92	21.309	3128	3132	3137	rVB5	51270	76073	2.21%	0.180%
93	21.727	3200	3203	3204	rBV	109113	108205	3.14%	0.255%
94	21.750	3204	3207	3214	rVB2	203364	295479	8.58%	0.698%
95	22.168	3275	3278	3283	rBV2	113636	150328	4.37%	0.355%
96	22.656	3357	3361	3366	rBV2	278674	400925	11.65%	0.947%
97	23.168	3442	3448	3459	rVB	1401365	2654019	77.10%	6.266%
98	23.303	3465	3471	3479	rVB2	1133198	1962619	57.01%	4.634%
99	23.797	3550	3555	3563	rVB	365435	689749	20.04%	1.629%
100	23.891	3566	3571	3578	rVB4	255676	560724	16.29%	1.324%

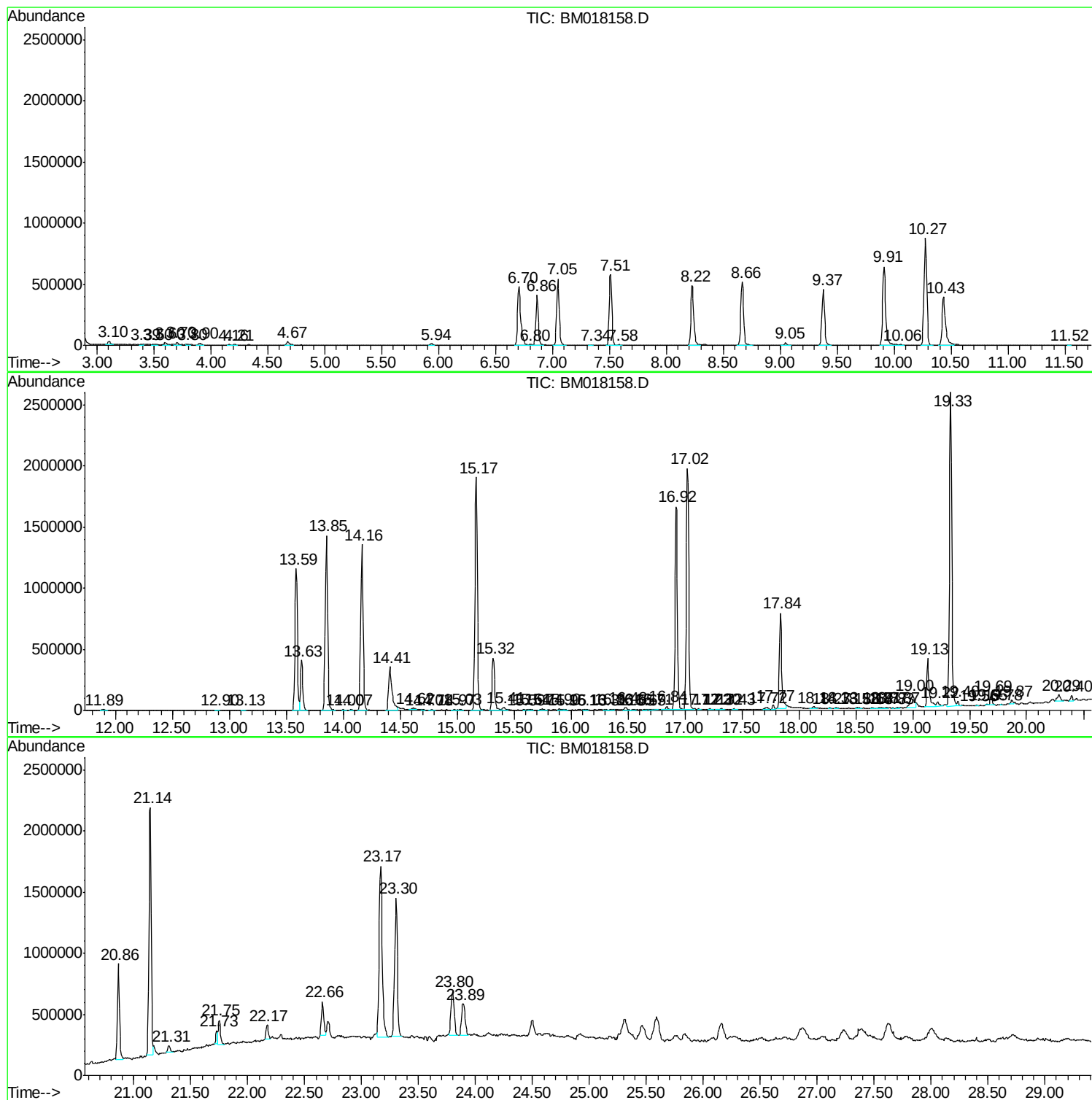
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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



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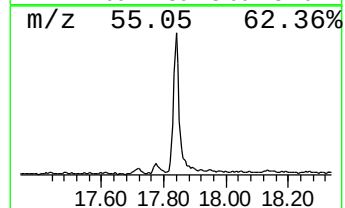
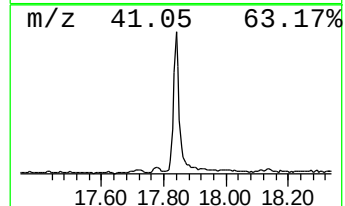
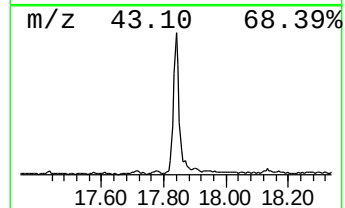
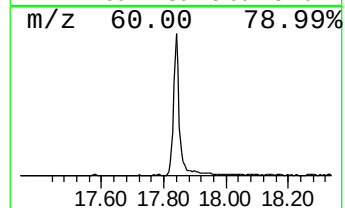
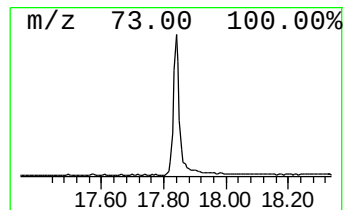
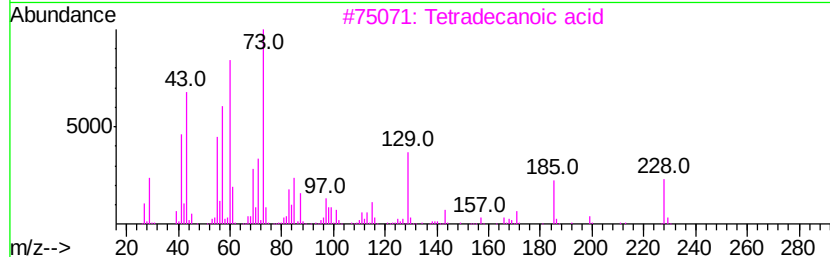
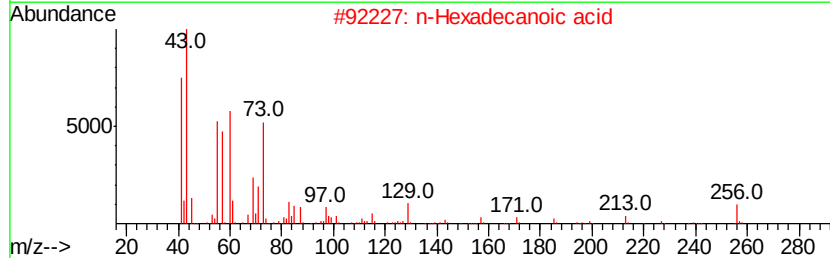
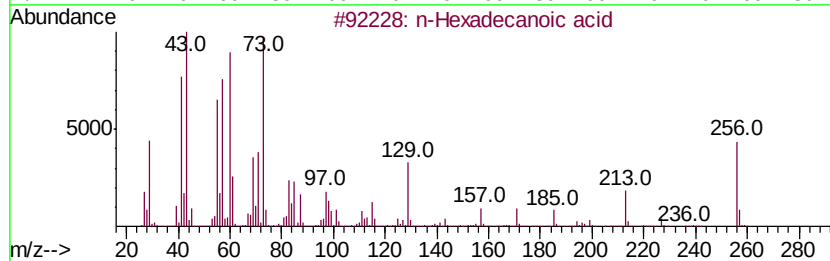
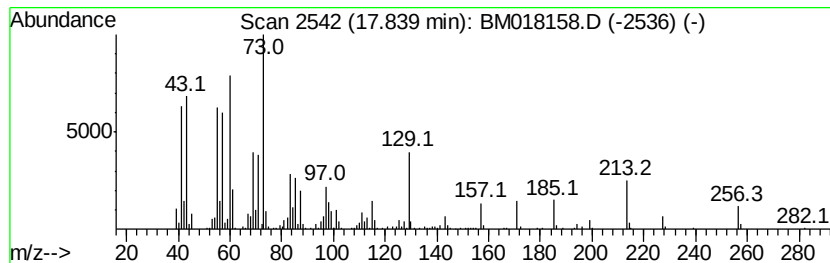
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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	8.89 ng/ul	1069760	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	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	



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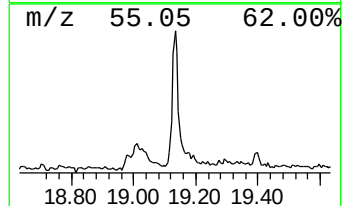
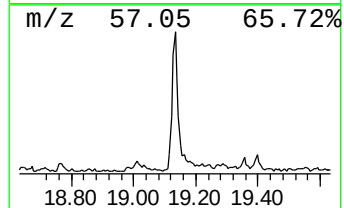
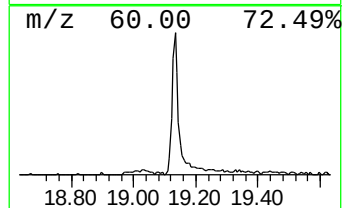
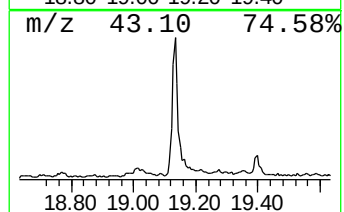
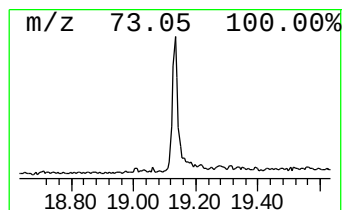
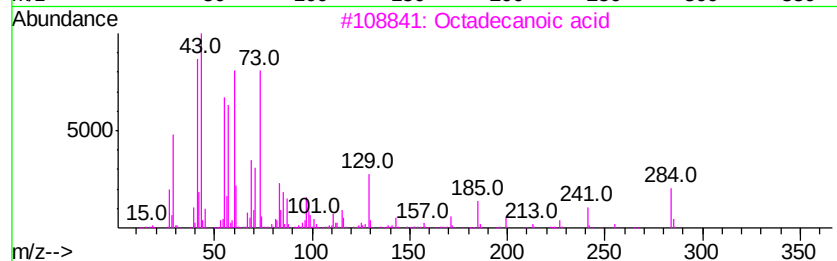
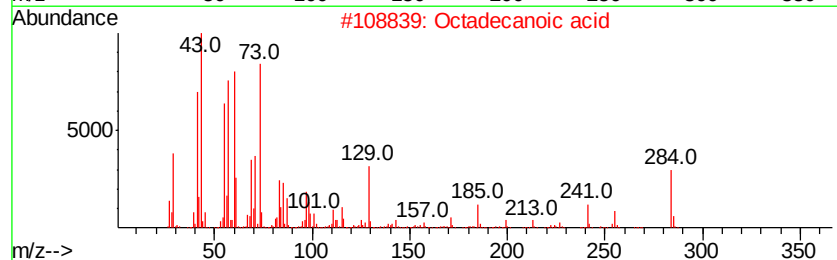
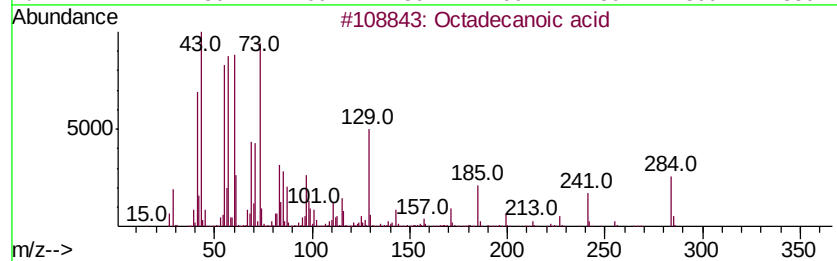
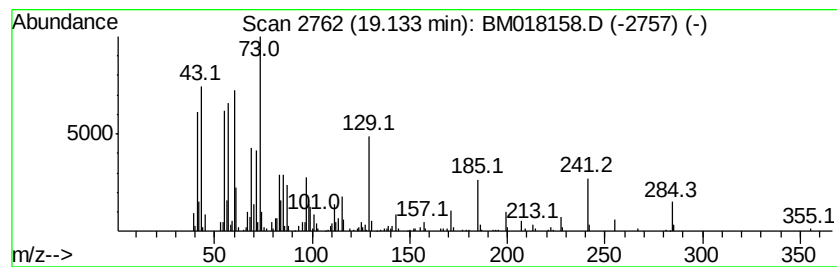
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.13	4.34 ng/ul	593282	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	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76



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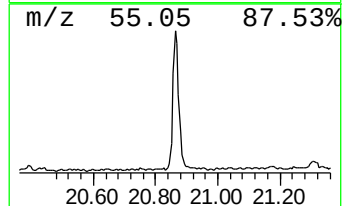
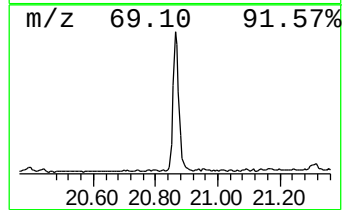
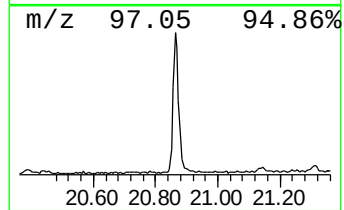
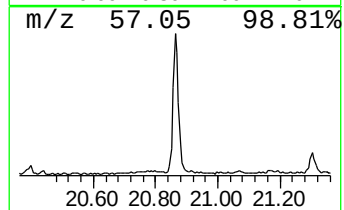
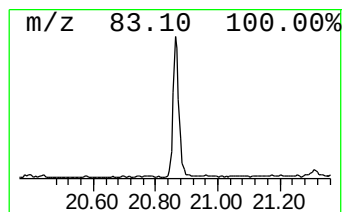
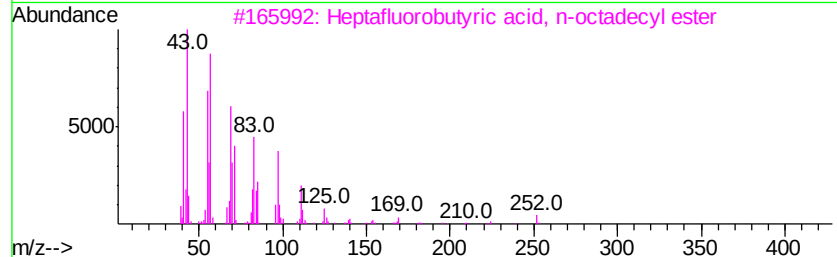
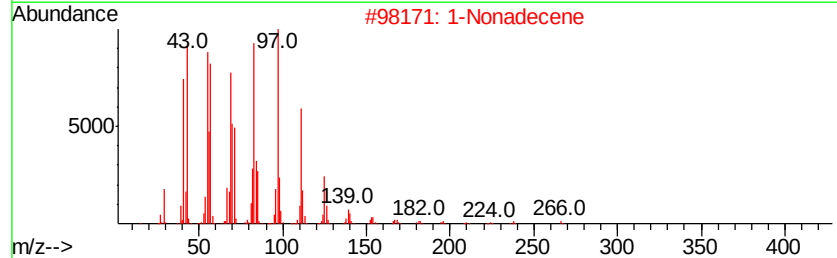
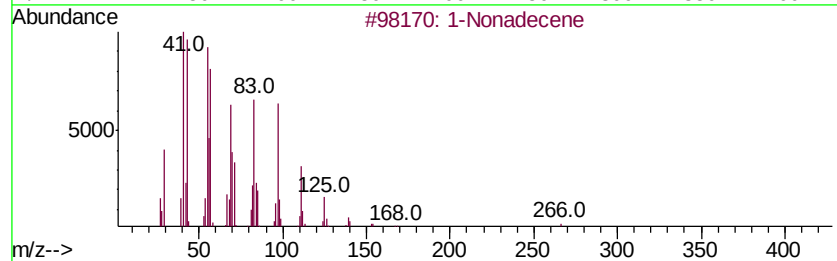
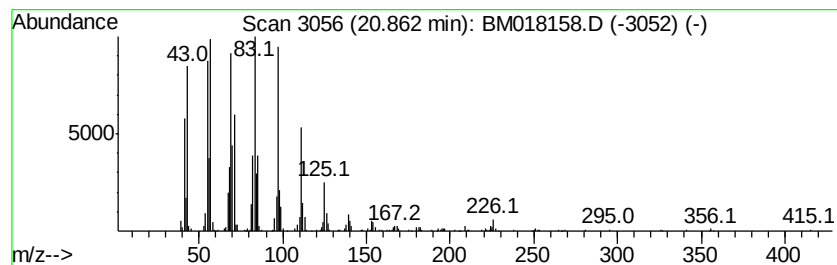
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	7.46 ng/ul	1021400	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	99
2		1-Nonadecene	266	C19H38	018435-45-5	96
3		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018158.D
Acq On : 14 Dec 2018 08:49
Operator : JU/SJ
Sample : J6271-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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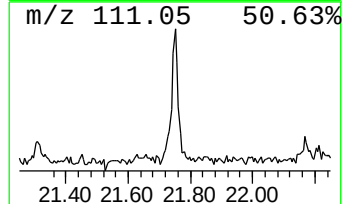
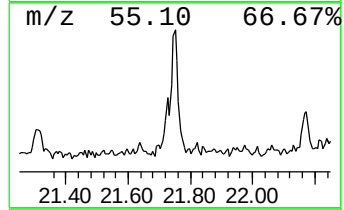
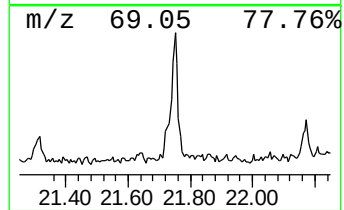
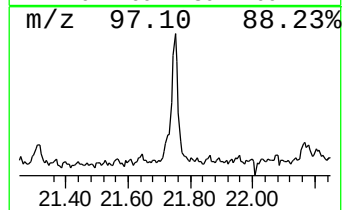
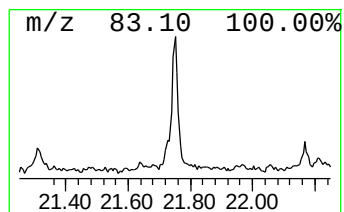
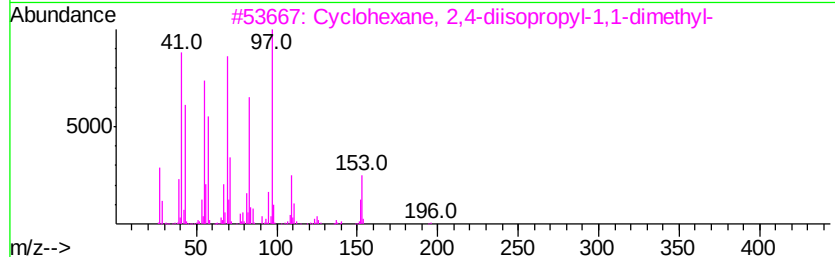
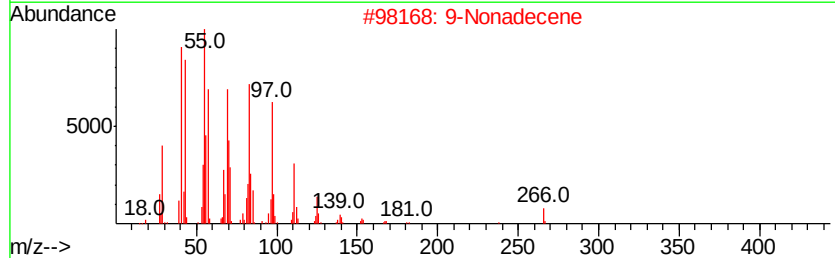
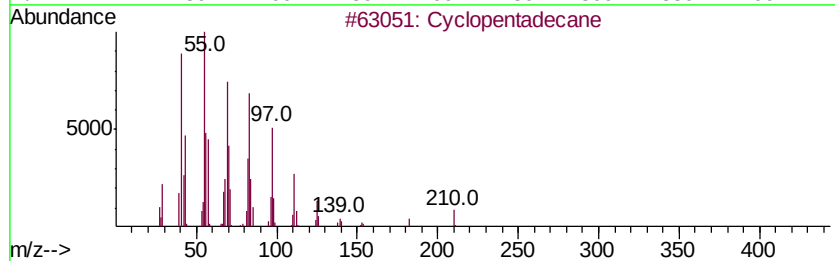
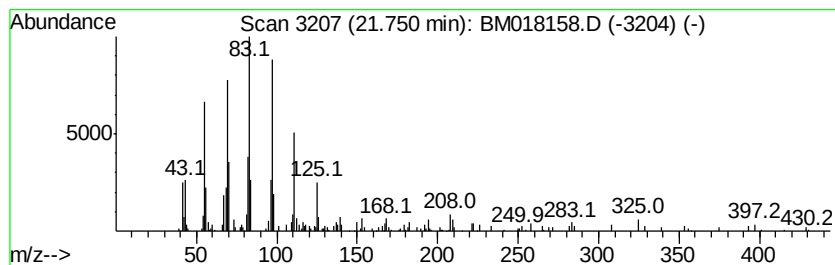
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.75 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	2.16 ng/ul	295479	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	83
2		9-Nonadecene	266	C19H38	031035-07-1	60
3		Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	49
4		2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	46
5		Cyclohexane, 3-ethyl-5-methyl-1-...	168	C12H24	1000151-39-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018158.D
Acq On : 14 Dec 2018 08:49
Operator : JU/SJ
Sample : J6271-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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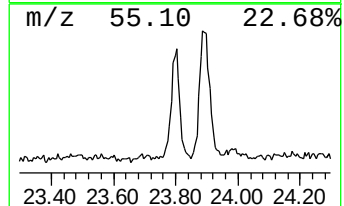
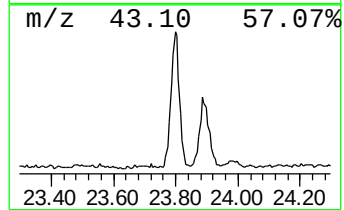
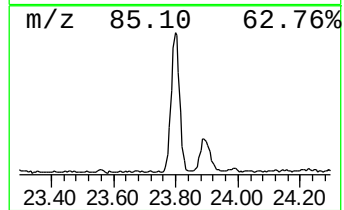
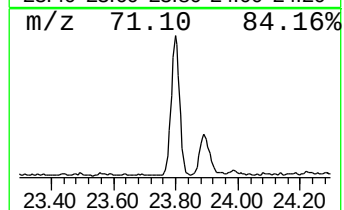
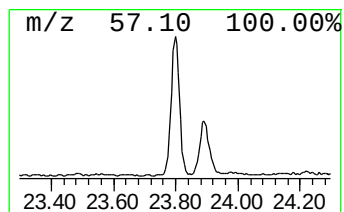
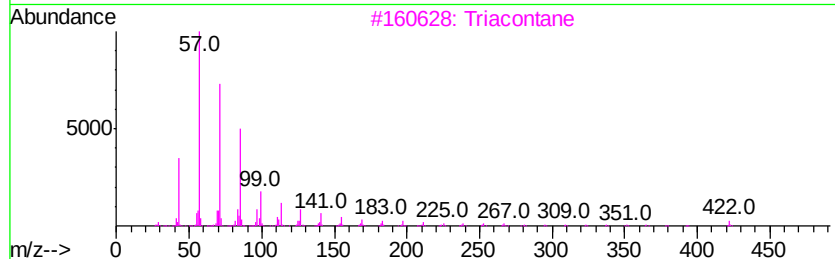
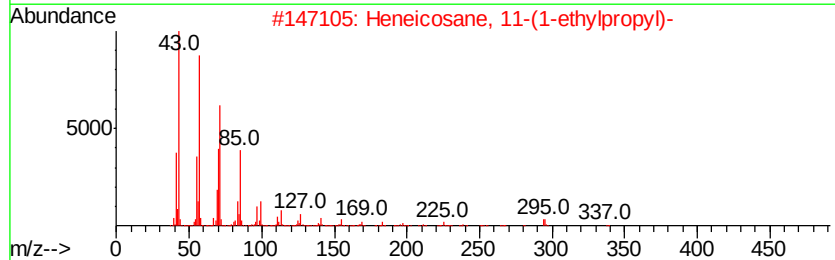
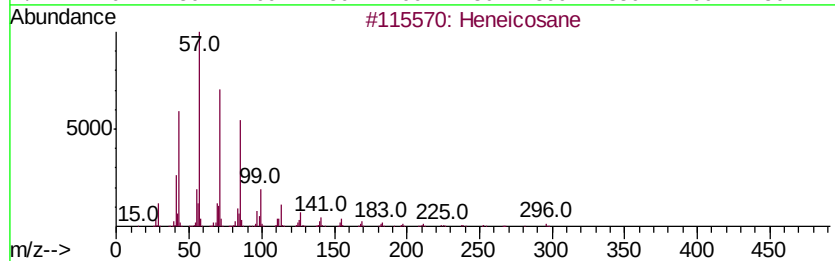
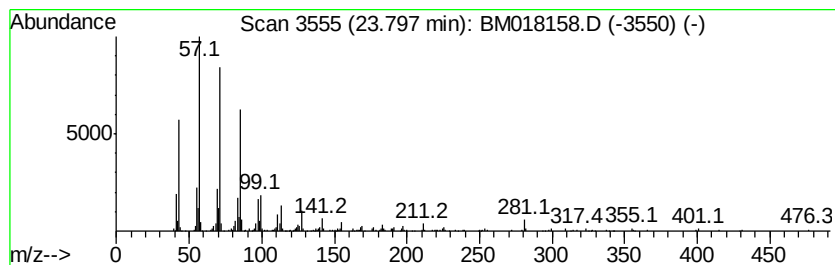
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	7.03 ng/ul	689749	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
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Sample : J6271-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

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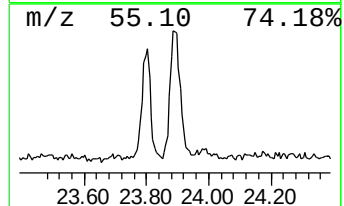
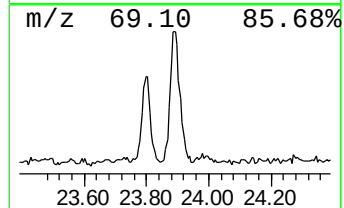
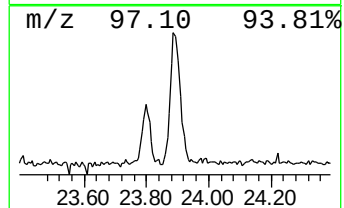
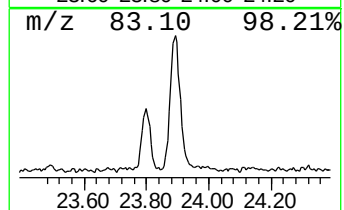
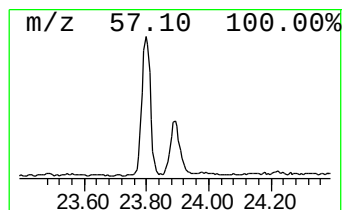
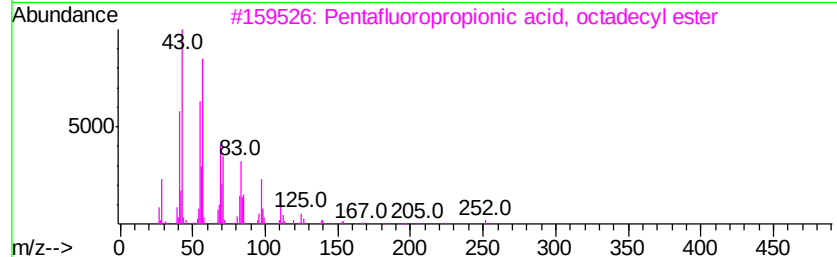
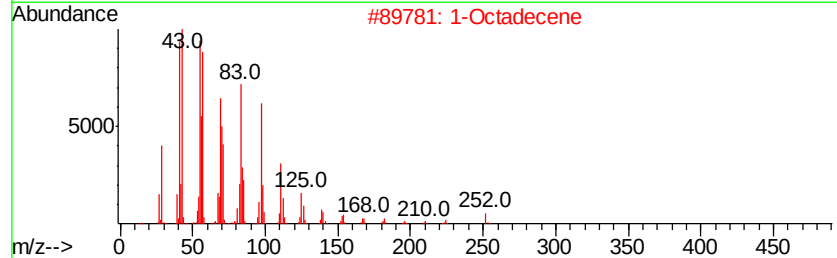
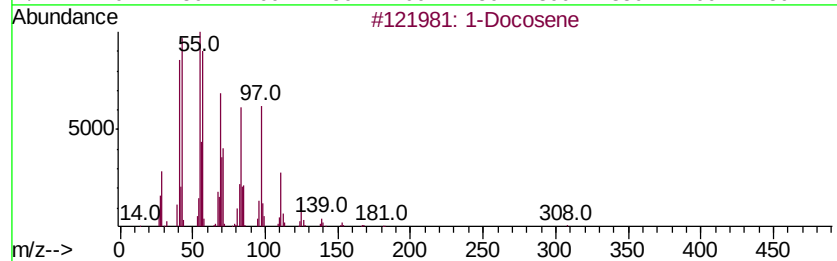
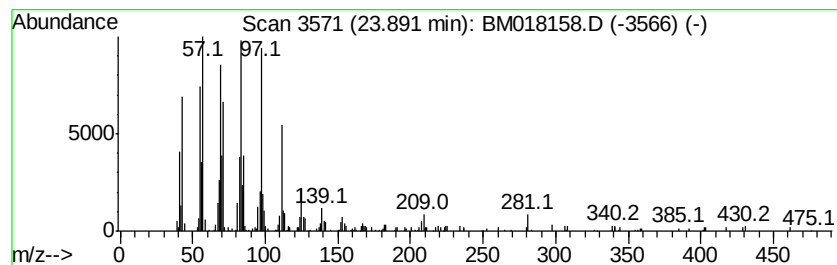
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic23.89 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	5.71 ng/ul	560724	Perylene-d12	23.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	89
2			1-Octadecene	252	C18H36	000112-88-9	83
3			Pentafluoropropionic acid, octadecyl ...	416	C21H37F5O2	1000280-07-7	80
4			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	70
5			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121318\
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Misc :
ALS Vial : 26 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	8.9	ng/ul	1069760	4	16.92	2405420	20.0
Octadecanoic acid	19.13	4.3	ng/ul	593282	5	21.14	2736720	20.0
(DEL) Alkane: Cyc...	20.86	7.5	ng/ul	1021400	5	21.14	2736720	20.0
(DEL) Alkane: Cyc...	21.75	2.2	ng/ul	295479	5	21.14	2736720	20.0
(DEL) Alkane: Str...	23.80	7.0	ng/ul	689749	6	23.30	1962620	20.0
(DEL) Alkane: Cyc...	23.89	5.7	ng/ul	560724	6	23.30	1962620	20.0