

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
 Data File : BM018179.D
 Acq On : 14 Dec 2018 21:58
 Operator : JU/SJ
 Sample : J6297-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E46

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	3.099	33	36	41	rBV	25376	33291	0.99%	0.086%
2	3.593	116	120	125	rVB4	5430	8873	0.26%	0.023%
3	3.699	132	138	145	rBV2	16196	25265	0.75%	0.065%
4	3.793	150	154	158	rBV4	4404	5783	0.17%	0.015%
5	3.899	169	172	177	rBV4	9613	13793	0.41%	0.036%
6	4.669	299	303	306	rBV	13886	21156	0.63%	0.055%
7	4.699	306	308	312	rVB2	12193	13412	0.40%	0.035%
8	5.940	515	519	524	rVB	8841	10801	0.32%	0.028%
9	6.698	642	648	661	rBV2	525906	1031675	30.65%	2.675%
10	6.857	670	675	690	rBV	439393	691307	20.54%	1.792%
11	7.045	700	707	719	rBV	594357	966067	28.70%	2.504%
12	7.504	779	785	795	rBV	541156	861437	25.59%	2.233%
13	7.575	795	797	803	rVB4	4731	6969	0.21%	0.018%
14	8.222	899	907	921	rBV	684397	1189565	35.34%	3.084%
15	8.663	975	982	996	rBV	562022	934109	27.75%	2.422%
16	9.045	1042	1047	1052	rBV3	22407	34196	1.02%	0.089%
17	9.375	1095	1103	1112	rBV	458175	771318	22.91%	2.000%
18	9.910	1187	1194	1204	rBV	648175	1170327	34.76%	3.034%
19	10.269	1248	1255	1265	rBV	782744	1278941	37.99%	3.316%
20	10.428	1275	1282	1308	rBV	542968	1120837	33.29%	2.906%
21	11.898	1527	1532	1536	rBV4	6647	13511	0.40%	0.035%
22	13.457	1791	1797	1802	rVB4	2718	4193	0.12%	0.011%
23	13.586	1812	1819	1823	rBV	1279490	1809160	53.74%	4.690%
24	13.633	1823	1827	1834	rVB	327527	461899	13.72%	1.197%
25	13.851	1857	1864	1878	rBV	1570084	2264266	67.26%	5.870%
26	13.998	1885	1889	1892	rBV3	4582	4434	0.13%	0.011%
27	14.163	1910	1917	1926	rBV2	1186072	1849206	54.93%	4.794%
28	14.410	1953	1959	1976	rBV	332308	754576	22.41%	1.956%
29	14.621	1991	1995	2001	rVB5	10933	19737	0.59%	0.051%
30	14.974	2050	2055	2058	rBV5	2742	4118	0.12%	0.011%
31	15.027	2058	2064	2066	rVV4	5462	8363	0.25%	0.022%
32	15.163	2080	2087	2100	rBV	1982350	2896606	86.04%	7.509%
33	15.316	2107	2113	2124	rBV	456128	699088	20.77%	1.812%
34	15.404	2125	2128	2133	rVV2	22427	33938	1.01%	0.088%

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35	15.745	2181	2186	2187	rBV2	2869	4016	0.12%	0.010%
36	15.898	2209	2212	2215	rBV3	5116	8661	0.26%	0.022%
37	15.951	2218	2221	2225	rVB3	4851	6434	0.19%	0.017%
38	16.304	2277	2281	2286	rVB6	3577	5275	0.16%	0.014%
39	16.363	2286	2291	2293	rBV2	2620	4655	0.14%	0.012%
40	16.480	2308	2311	2318	rVB	2799	4361	0.13%	0.011%
41	16.686	2344	2346	2347	rBV	5432	4034	0.12%	0.010%
42	16.704	2347	2349	2353	rVV3	6387	9933	0.30%	0.026%
43	16.839	2368	2372	2373	rBV4	2640	3430	0.10%	0.009%
44	16.921	2380	2386	2395	rBV	1592779	2145074	63.72%	5.561%
45	17.021	2397	2403	2417	rVB	2132154	2914514	86.57%	7.556%
46	17.439	2468	2474	2476	rBV2	6580	9875	0.29%	0.026%
47	17.833	2536	2541	2552	rBV	190893	309041	9.18%	0.801%
48	18.021	2570	2573	2574	rBV2	4064	3393	0.10%	0.009%
49	18.115	2587	2589	2598	rVB6	5005	10212	0.30%	0.026%
50	18.357	2628	2630	2633	rBV3	2845	3434	0.10%	0.009%
51	18.545	2660	2662	2667	rVB5	2682	3836	0.11%	0.010%
52	18.592	2667	2670	2674	rBV4	3946	5512	0.16%	0.014%
53	18.645	2674	2679	2682	rBV5	5170	7724	0.23%	0.020%
54	18.704	2686	2689	2692	rBV4	4289	5584	0.17%	0.014%
55	18.762	2697	2699	2702	rVB2	4469	4372	0.13%	0.011%
56	18.798	2702	2705	2708	rBV4	5040	7008	0.21%	0.018%
57	18.968	2729	2734	2738	rBV2	22045	44673	1.33%	0.116%
58	19.004	2738	2740	2747	rVV7	17092	26314	0.78%	0.068%
59	19.080	2751	2753	2756	rBV3	3472	4552	0.14%	0.012%
60	19.127	2756	2761	2769	rBV2	110319	174857	5.19%	0.453%
61	19.215	2773	2776	2781	rVB2	21993	30921	0.92%	0.080%
62	19.333	2790	2796	2803	rBV	2612393	3366463	100.00%	8.727%
63	19.392	2805	2806	2811	rVB4	10693	9647	0.29%	0.025%
64	19.874	2886	2888	2890	rBV3	7324	5845	0.17%	0.015%
65	20.186	2939	2941	2942	rBV2	6921	4899	0.15%	0.013%
66	20.862	3052	3056	3063	rBV	177468	242913	7.22%	0.630%
67	21.139	3098	3103	3113	rBV	1822014	2304228	68.45%	5.973%
68	21.303	3128	3131	3134	rVB3	41734	47846	1.42%	0.124%
69	21.727	3200	3203	3211	rBV3	71557	96894	2.88%	0.251%
70	22.168	3275	3278	3284	rVB2	130934	159235	4.73%	0.413%
71	22.650	3356	3360	3367	rVB2	156594	221190	6.57%	0.573%

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72	23.162	3441	3447	3457	rVB	1366339	2564882	76.19%	6.649%
73	23.297	3464	3470	3484	rVB	970360	1782089	52.94%	4.620%
74	23.791	3550	3554	3561	rVB2	179388	321188	9.54%	0.833%
75	24.491	3668	3673	3680	rVB	156880	305666	9.08%	0.792%
76	25.580	3856	3858	3871	rVB6	159815	319712	9.50%	0.829%
77	26.215	3964	3966	3968	rBV3	46652	47727	1.42%	0.124%

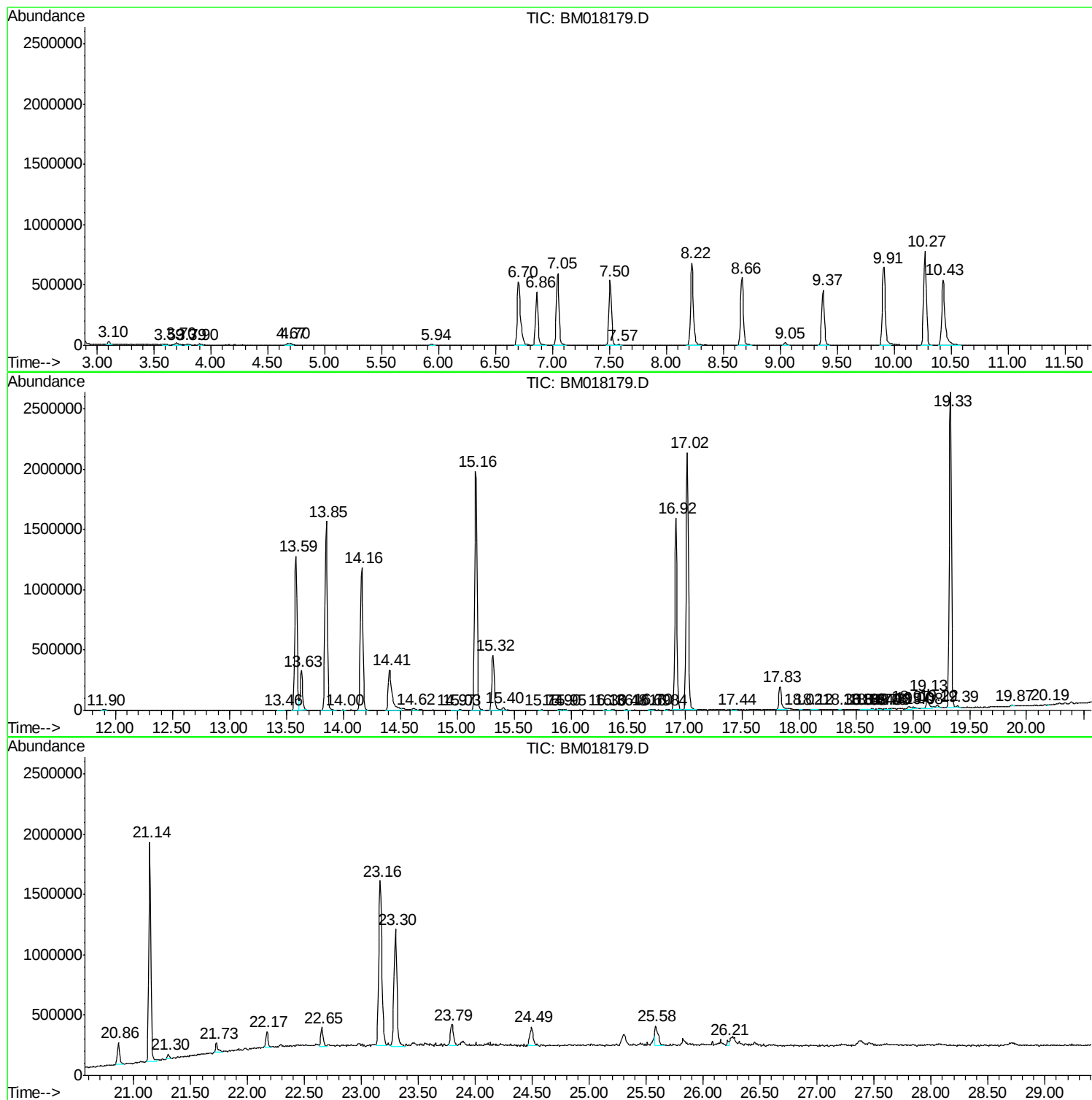
Sum of corrected areas: 38574336

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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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
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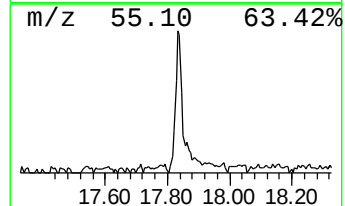
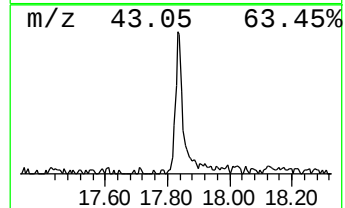
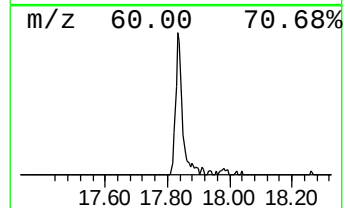
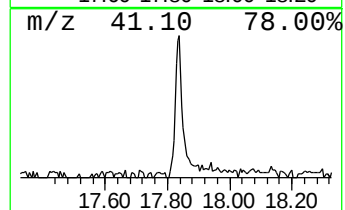
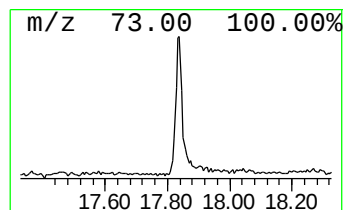
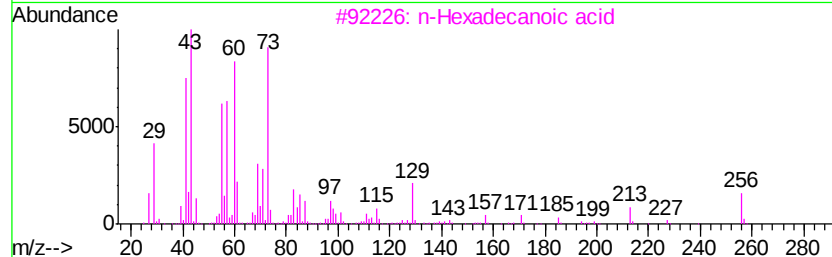
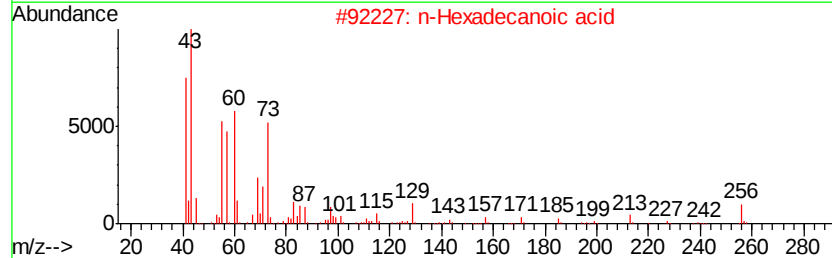
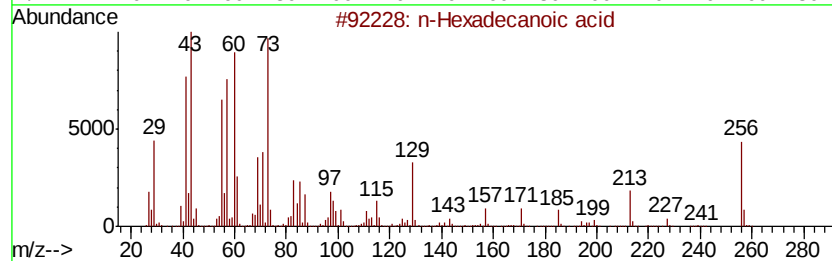
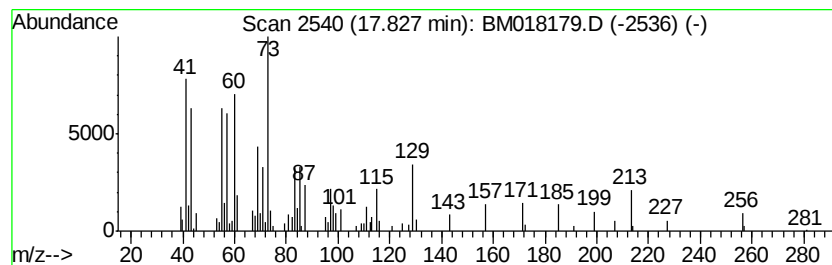
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.83	2.88 ng/ul	309041	Phenanthrene-d10	16.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70	



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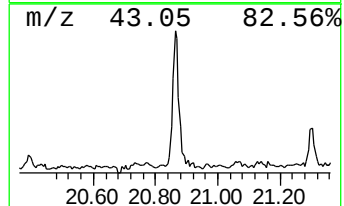
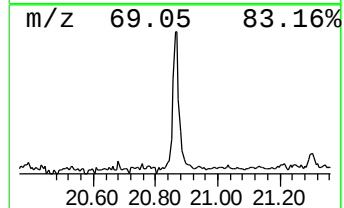
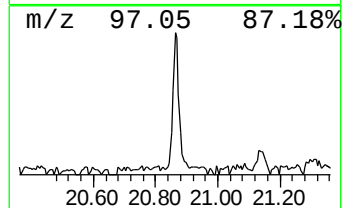
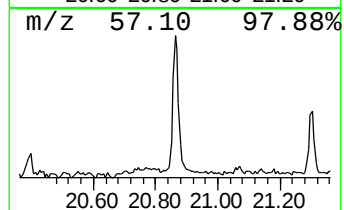
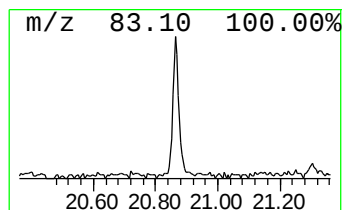
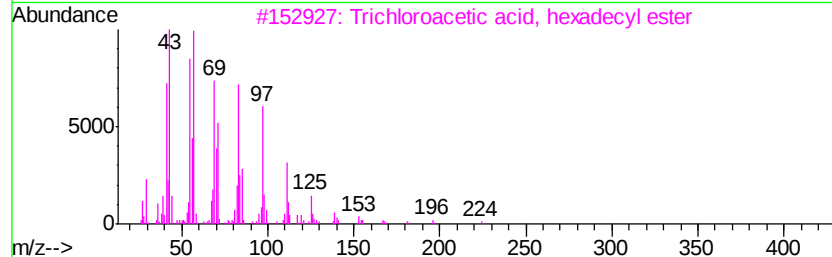
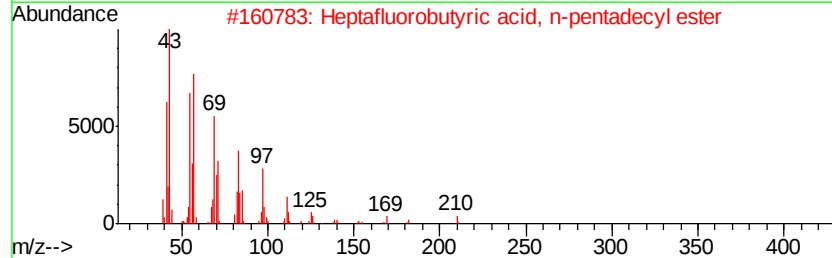
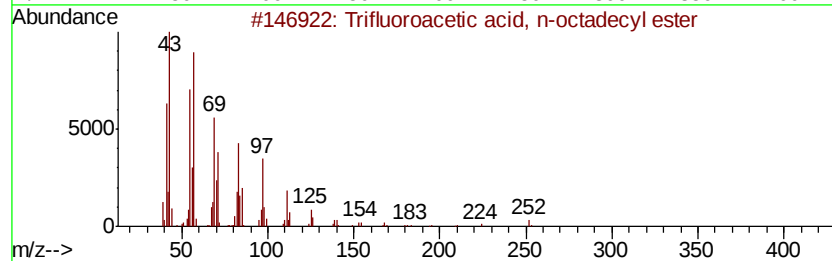
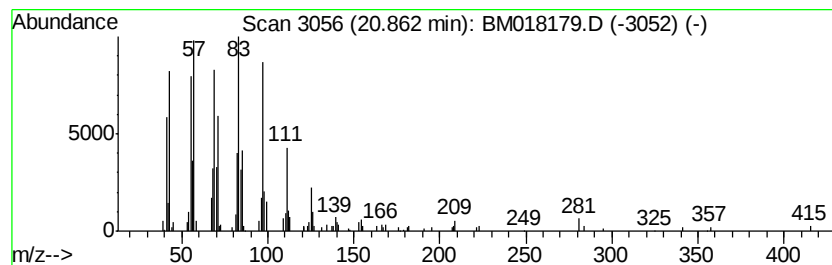
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Trifluoroacetic acid, n-oct... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.11 ng/ul	242913	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
2		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4		1-Hexadecanol	242	C16H34O	036653-82-4	83
5		Cyclotetracosane	336	C24H48	000297-03-0	81



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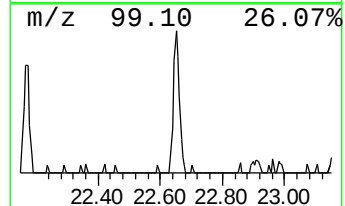
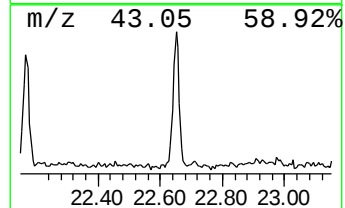
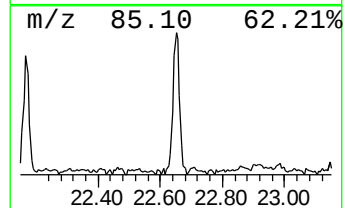
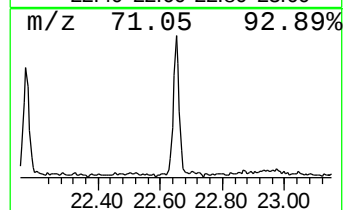
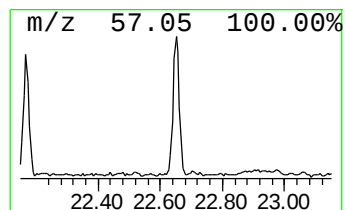
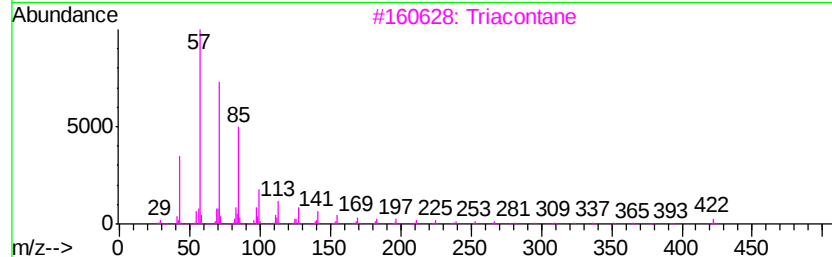
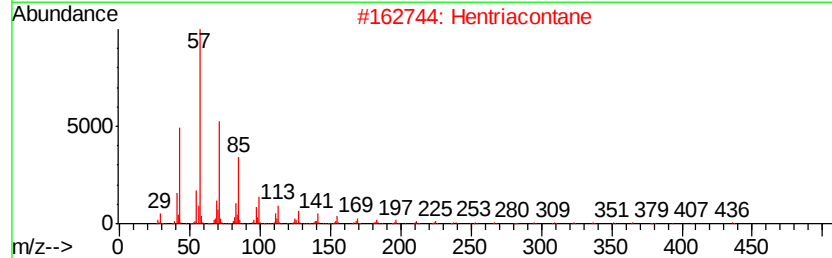
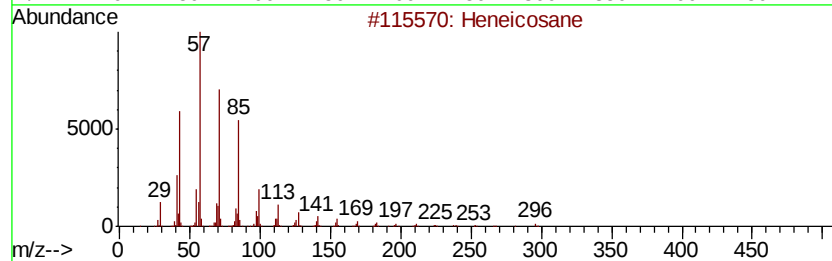
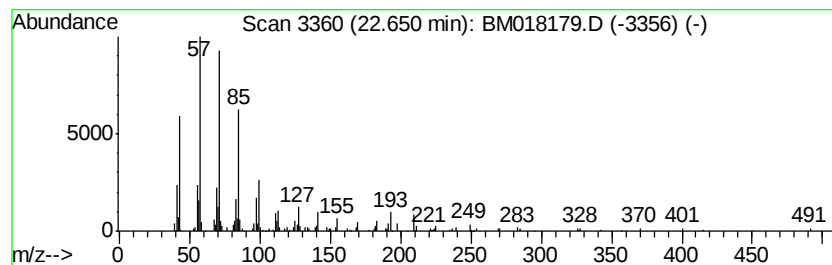
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	2.48 ng/ul	221190	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Triacontane	422	C30H62	000638-68-6	83
4		Nonacosane	408	C29H60	000630-03-5	83
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	83



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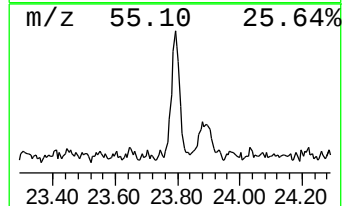
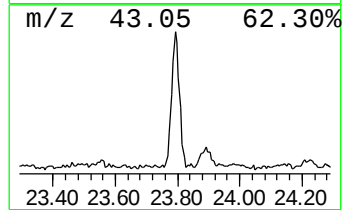
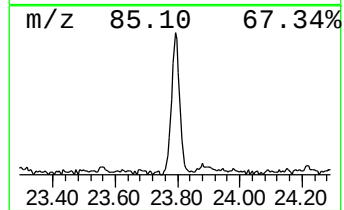
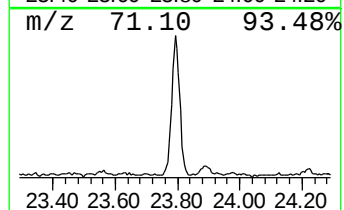
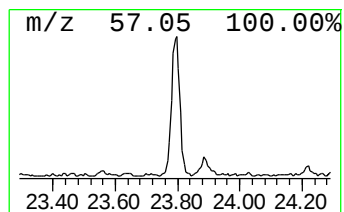
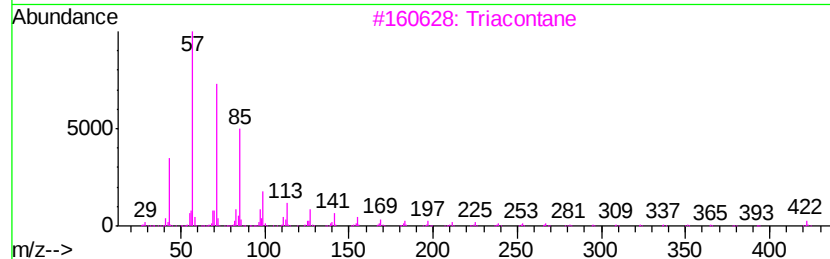
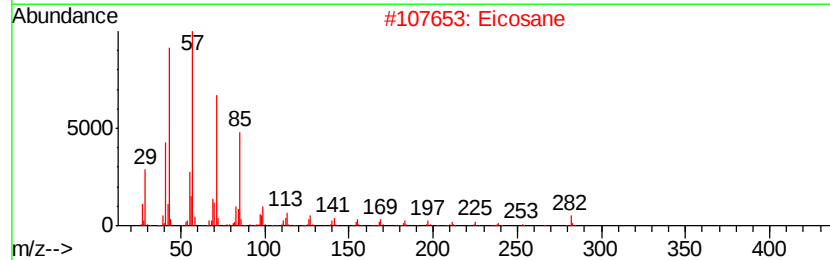
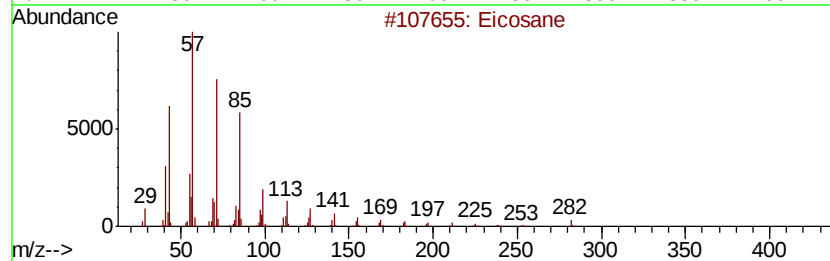
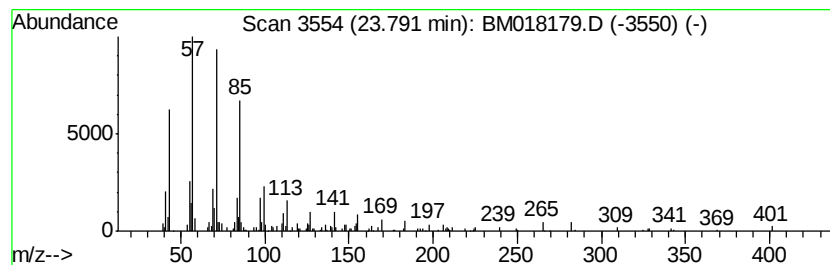
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	3.60 ng/ul	321188	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Triacontane	422	C30H62	000638-68-6	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Tetratriacontane	479	C34H70	014167-59-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
Data File : BM018179.D
Acq On : 14 Dec 2018 21:58
Operator : JU/SJ
Sample : J6297-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E46

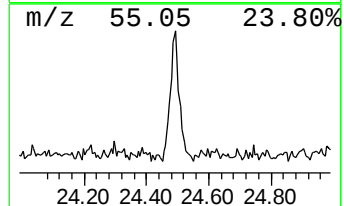
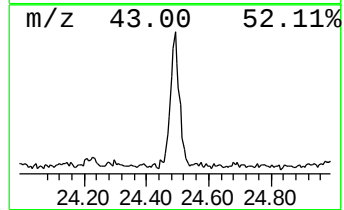
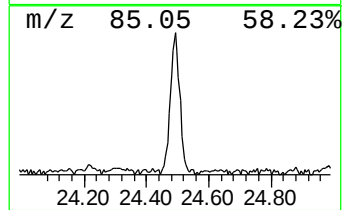
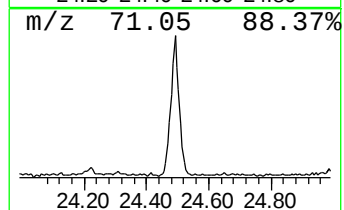
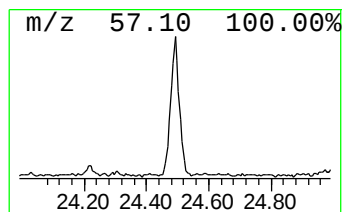
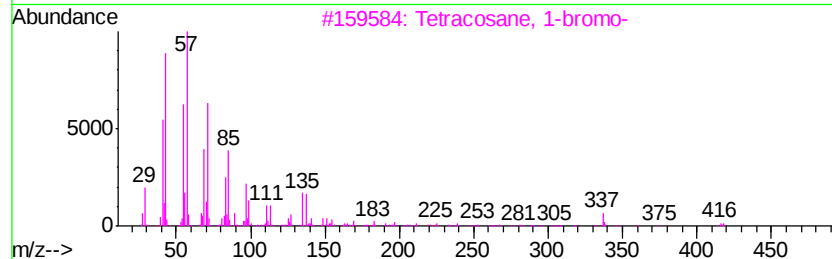
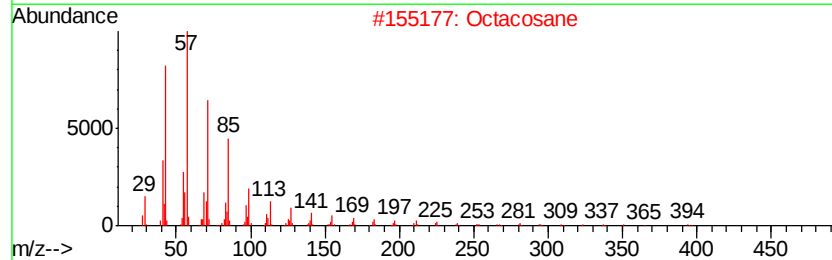
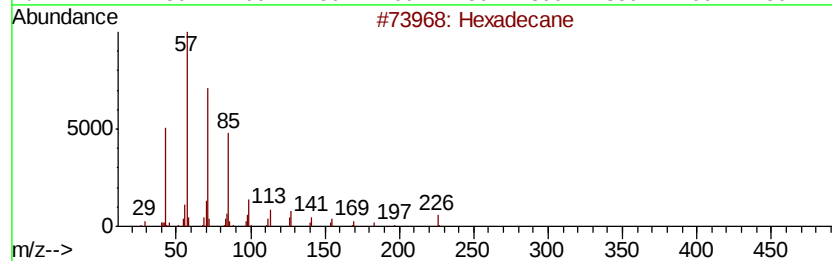
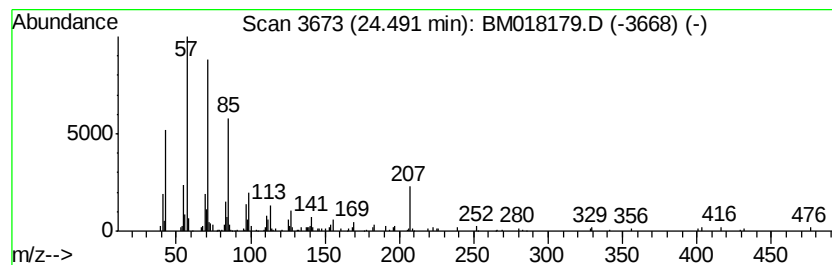
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Quant Title : SVOA CALIBRATION

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.
24.49	3.43 ng/ul	305666	Perylene-d12	23.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Octacosane		394	C28H58	000630-02-4	81
3	Tetracosane, 1-bromo-		416	C24H49Br	006946-24-3	81
4	Tetratriacontane		479	C34H70	014167-59-0	81
5	triacontane		422	C30H62	000638-68-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121418\
Data File : BM018179.D
Acq On : 14 Dec 2018 21:58
Operator : JU/SJ
Sample : J6297-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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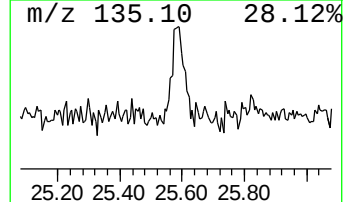
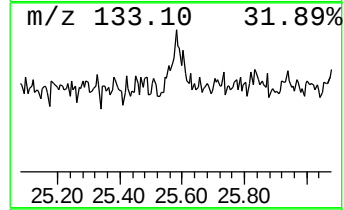
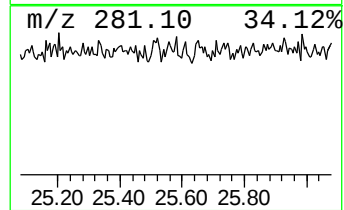
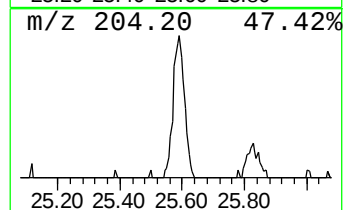
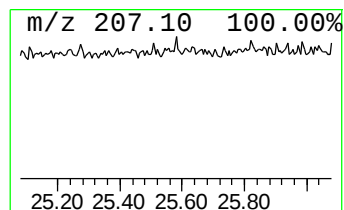
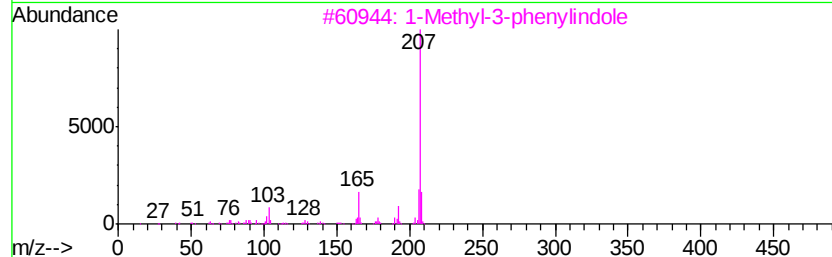
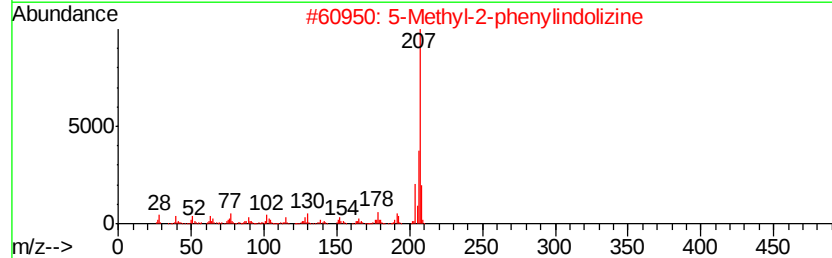
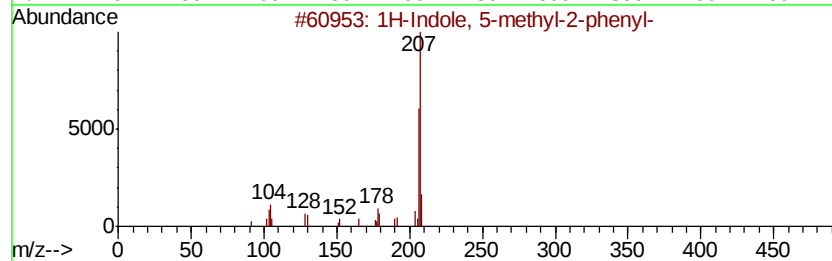
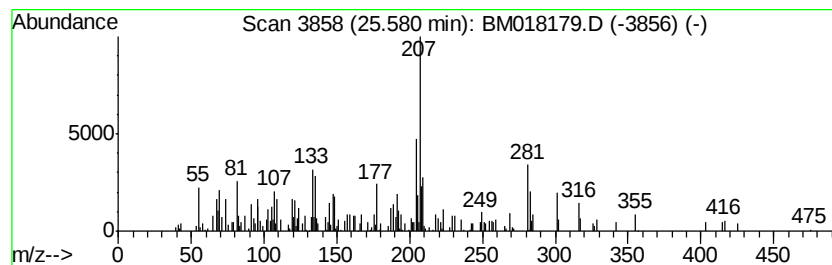
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.58	3.59 ng/ul	319712	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	38
2		5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	38
3		1-Methyl-3-phenylindole	207	C15H13N	030020-98-5	38
4		2-Ethylacridine	207	C15H13N	055751-83-2	38
5		Silicic acid, diethyl bis(trimet...	296	C10H28O4Si3	003555-45-1	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121418\
Data File : BM018179.D
Acq On : 14 Dec 2018 21:58
Operator : JU/SJ
Sample : J6297-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E46

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	17.83	2.9	ng/ul	309041	4	16.92	2145070	20.0
Trifluoroacetic a...	20.86	2.1	ng/ul	242913	5	21.14	2304230	20.0
(DEL) Alkane: Str...	22.65	2.5	ng/ul	221190	6	23.30	1782090	20.0
(DEL) Alkane: Str...	23.79	3.6	ng/ul	321188	6	23.30	1782090	20.0
(DEL) Alkane: Str...	24.49	3.4	ng/ul	305666	6	23.30	1782090	20.0
unknown-01	25.58	3.6	ng/ul	319712	6	23.30	1782090	20.0