LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010718.D
Acq On : 24 Jun 2017 08:02
Operator : SJ/JU
Sample : I3627-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A09

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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	6.646	632	639	649	rBV	332417	547373	18.13%	1.380%
2	6.810	661	667	673	rBV	228256	331832	10.99%	0.837%
3	6.998	691	699	706	rVB	342330	523082	17.33%	1.319%
4	7.457	770	777	784	rBV	388035	594318	19.69%	1.498%
5	8.163	891	897	906	rBV	457674	696219	23.07%	1.755%
6	8.604	964	972	979	rBB	339826	539944	17.89%	1.361%
7	9.316	1087	1093	1100	rVB	332849	520763	17.25%	1.313%
8	9.845	1176	1183	1190	rVB	522412	823535	27.28%	2.076%
9	10.222	1240	1247	1252	rBV	598239	948146	31.41%	2.390%
10	10.269	1252	1255	1261	rVB	37661	54045	1.79%	0.136%
11	10.363	1264	1271	1280	rBB	395675	656267	21.74%	1.655%
12	13.533	1803	1810	1814	rBV	987809	1316415	43.61%	3.319%
13	13.580	1814	1818	1826	rVB	386713	510878	16.92%	1.288%
14	13.798	1848	1855	1866	rBV	1005298	1486402	49.24%	3.748%
15	14.110	1900	1908	1915	rBV2	939186	1439170	47.68%	3.628%
16	14.322	1938	1944	1955	rVB	468997	648075	21.47%	1.634%
17	14.998	2054	2059	2063	rVB2	30368	37059	1.23%	0.093%
18	15.110	2072	2078	2084	rBV	1262821	1791075	59.34%	4.516%
19	15.163	2084	2087	2094	rVV2	35886	48294	1.60%	0.122%
20	15.239	2094	2100	2106	rVV	472836	632679	20.96%	1.595%
21	15.863	2194	2206	2209	rBV8	38296	76377	2.53%	0.193%
22	16.863	2370	2376	2381	rBV	1260830	1811386	60.01%	4.567%
23	16.904	2381	2383	2388	rVB	184902	223163	7.39%	0.563%
24	16.963	2388	2393	2398	rBV2	1420769	1979571	65.58%	4.991%
25	17.063	2405	2410	2416	rVB5	17920	31561	1.05%	0.080%
26	17.274	2441	2446	2451	rBV3	24235	31551	1.05%	0.080%
27	17.792	2529	2534	2542	rBV2	344099	458117	15.18%	1.155%
28	17.862	2542	2546	2552	rVB3	38326	58373	1.93%	0.147%
29	17.933	2552	2558	2563	rBV2	50919	85865	2.84%	0.216%
30	18.674	2678	2684	2689	rBV4	62085	94870	3.14%	0.239%
31	18.733	2689	2694	2698	rBV5	22359	34416	1.14%	0.087%
32	18.809	2702	2707	2710	rBV2	47756	71753	2.38%	0.181%
33	18.933	2723	2728	2737	rVB	476774	655559	21.72%	1.653%
34	19.004	2737	2740	2744	rBV4	38829	49147	1.63%	0.124%

LSC Area Percent Report

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Acq On : 24 Jun 2017 08:02
Operator : SJ/JU
Sample : I3627-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A09

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

35	19.086	2749	2754	2762	rBV2	270046	347482	11.51%	0.876%
36	19.239	2776	2780	2782	rBV2	191779	219221	7.26%	0.553%
37	19.274	2782	2786	2789	rVV	1728554	2431991	80.57%	6.132%
38	19.304	2789	2791	2800	rVV	713077	821462	27.21%	2.071%
39	19.386	2800	2805	2813	rVB6	31840	66346	2.20%	0.167%
40	19.486	2818	2822	2825	rBV	32569	42615	1.41%	0.107%
41	19.545	2829	2832	2838	rVB4	27027	50205	1.66%	0.127%
42	19.639	2841	2848	2854	rBV5	84324	191610	6.35%	0.483%
43	19.727	2859	2863	2866	rBV6	23242	37620	1.25%	0.095%
44	19.780	2866	2872	2873	rVV5	95827	169684	5.62%	0.428%
45	19.804	2874	2876	2882	rVB2	130979	175933	5.83%	0.444%
46	19.904	2888	2893	2897	rBV2	124240	162705	5.39%	0.410%
47	19.962	2897	2903	2907	rBV2	148004	233766	7.74%	0.589%
48	20.003	2907	2910	2913	rVB3	30303	34962	1.16%	0.088%
49	20.051	2913	2918	2923	rBV5	22804	38523	1.28%	0.097%
50	20.104	2923	2927	2931	rBV	109621	138021	4.57%	0.348%
51	20.145	2931	2934	2945	rVV3	61685	127211	4.21%	0.321%
52	20.298	2956	2960	2964	rVB3	142654	163141	5.40%	0.411%
53	20.362	2969	2971	2974	rBV3	35738	36486	1.21%	0.092%
54	20.521	2995	2998	3001	rBV5	34425	46844	1.55%	0.118%
55	20.562	3001	3005	3012	rVB3	71122	118489	3.93%	0.299%
56	20.727	3029	3033	3036	rVV	79914	98748	3.27%	0.249%
57	20.762	3037	3039	3042	rVV3	66299	73316	2.43%	0.185%
58	20.815	3042	3048	3052	rVV3	281467	469316	15.55%	1.183%
59	20.856	3052	3055	3060	rVB2	48879	71720	2.38%	0.181%
60	21.080	3085	3093	3097	rBV2	1835068	3018489	100.00%	7.610%
61	21.115	3097	3099	3107	rVB	571217	729920	24.18%	1.840%
62	21.233	3116	3119	3122	rBV	83115	118989	3.94%	0.300%
63	21.262	3122	3124	3127	rVB3	61577	62479	2.07%	0.158%
64	21.380	3141	3144	3147	rBV	88965	118771	3.93%	0.299%
65	21.439	3151	3154	3157	rVB3	59607	77561	2.57%	0.196%
66	21.568	3173	3176	3179	rBV2	59246	80420	2.66%	0.203%
67	21.621	3179	3185	3189	rVV	163371	271594	9.00%	0.685%
68	21.680	3191	3195	3202	rVB5	87269	190888	6.32%	0.481%
69	21.803	3213	3216	3219	rBV2	88183	110418	3.66%	0.278%
70	21.833	3219	3221	3228	rVB6	86867	135352	4.48%	0.341%
71	22.127	3268	3271	3276	rVB5	114465	150269	4.98%	0.379%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I3627-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A09

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

72	22.592	3343	3350	3361	rBV	772300	2164614	71.71%	5.457%
73	22.744	3372	3376	3382	rBV	119997	194208	6.43%	0.490%
74	22.880	3395	3399	3401	rBV3	51094	83006	2.75%	0.209%
75	23.039	3421	3426	3430	rBV	377595	662922	21.96%	1.671%
76	23.092	3430	3435	3438	rVV2	928169	1575022	52.18%	3.971%
77	23.133	3438	3442	3449	rVB	503990	939372	31.12%	2.368%
78	23.221	3451	3457	3462	rBV	808783	1422230	47.12%	3.586%
79	23.268	3462	3465	3473	rVB3	151617	274273	9.09%	0.692%
80	23.750	3541	3547	3555	rVB6	105799	221108	7.33%	0.557%
81	23.827	3557	3560	3569	rVB6	64816	130449	4.32%	0.329%
82	25.333	3810	3816	3823	rVB3	202197	502592	16.65%	1.267%
83	25.968	3920	3924	3933	rVB	104026	253663	8.40%	0.640%

Sum of corrected areas: 39663306

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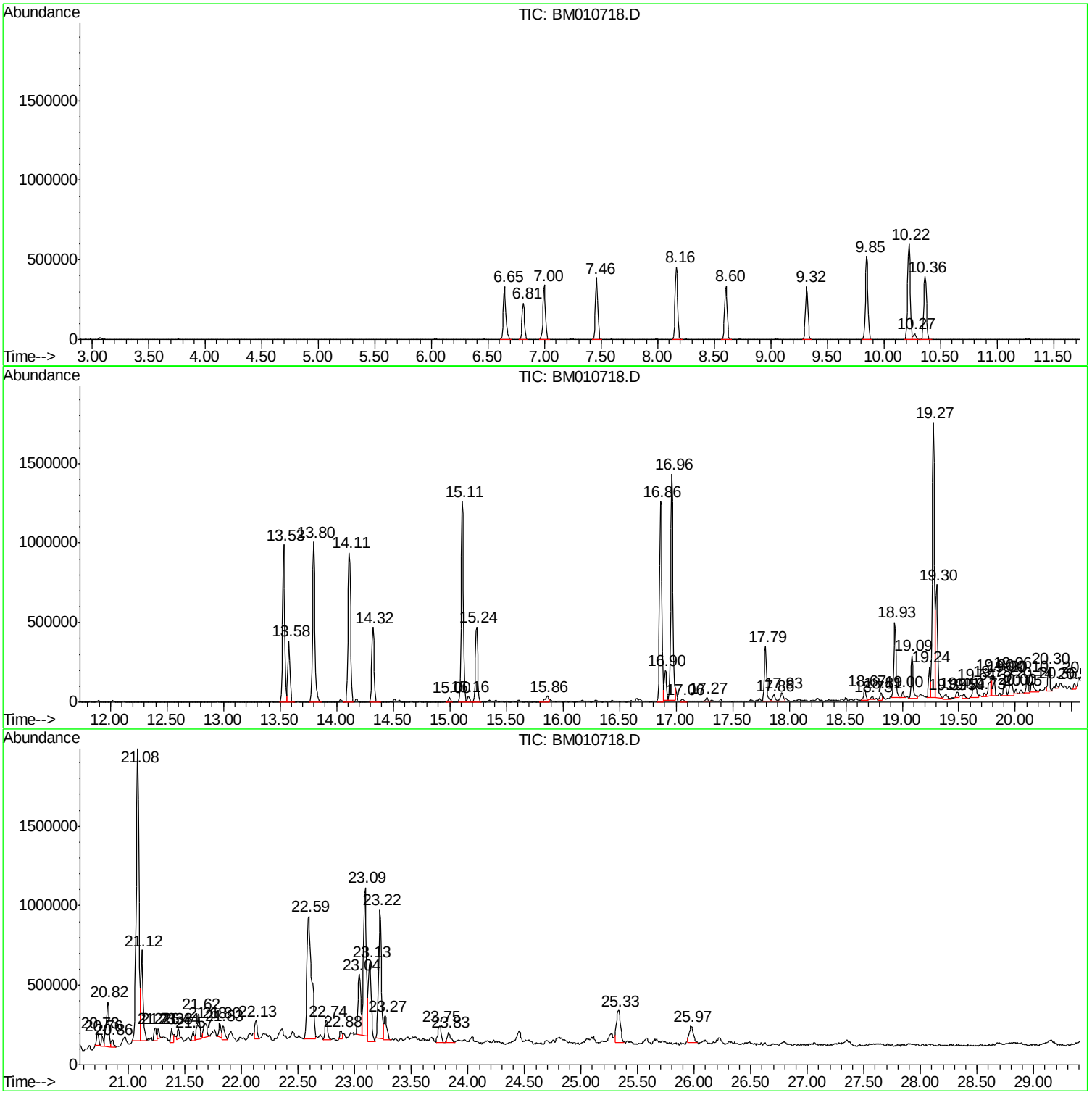
Instrument :
BNA_M
ClientSampleId :
F5A09

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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Operator : SJ/JU
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Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

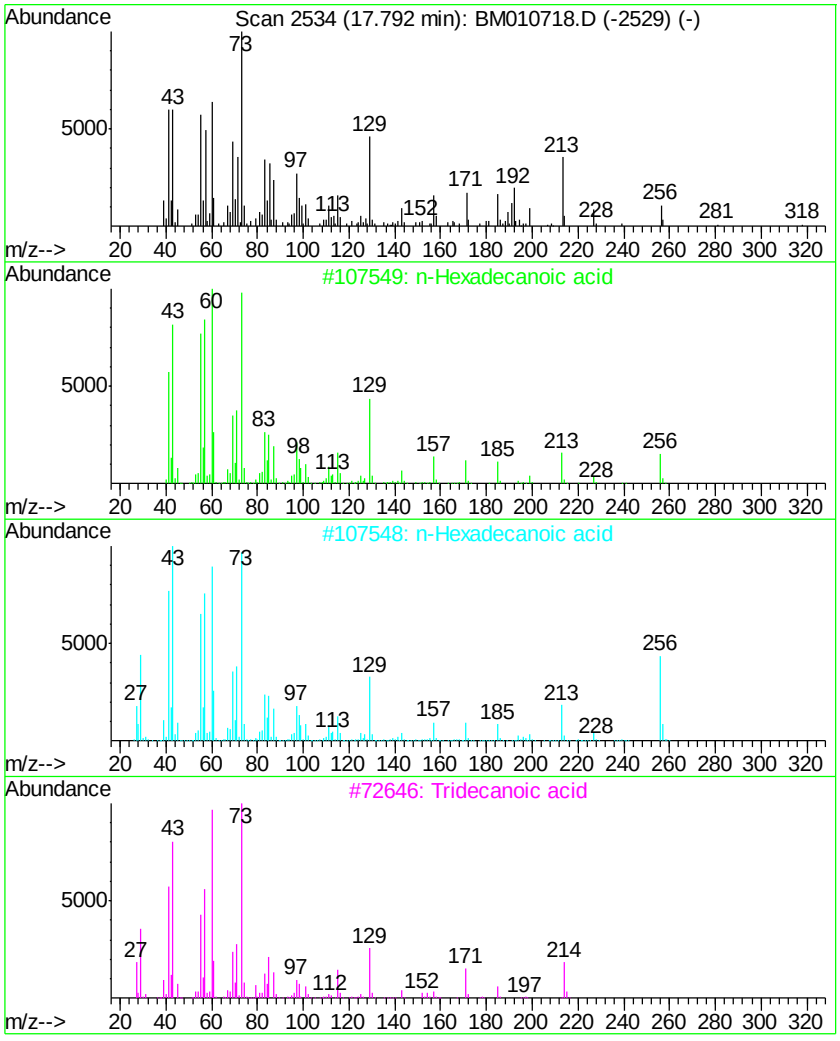
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

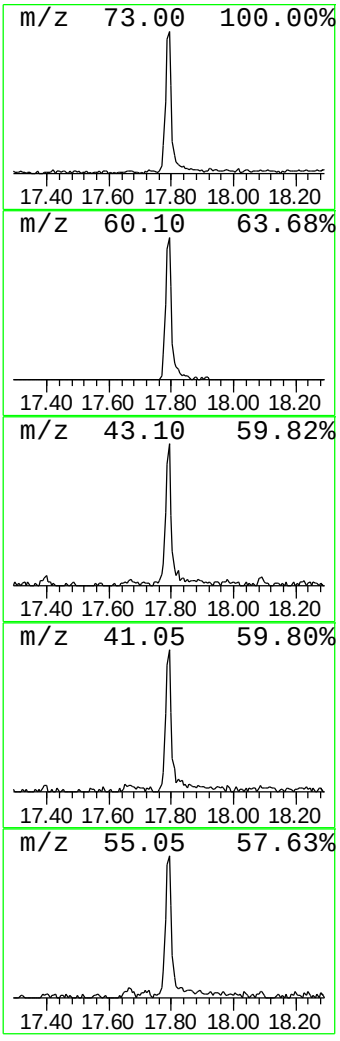
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	5.06 ng/ul	458117	Phenanthrene-d10	16.86

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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Octadecanoic acid	284	C18H36O2	000057-11-4	50





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : F5A09

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

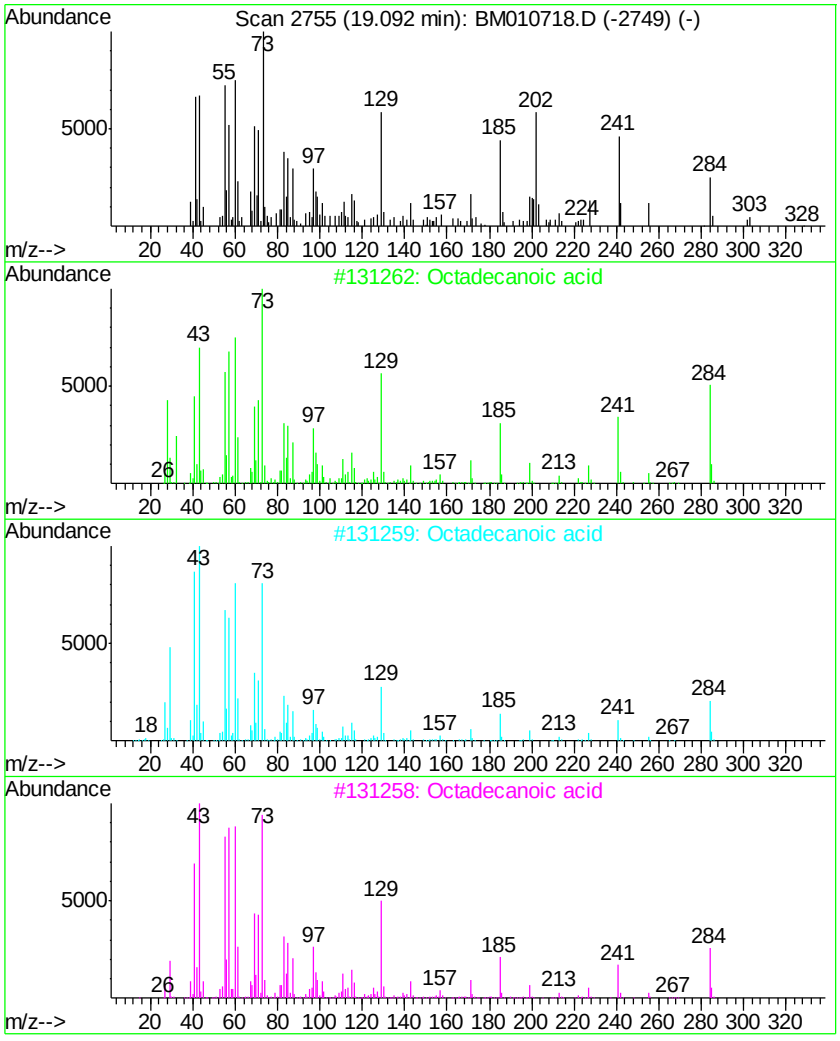
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

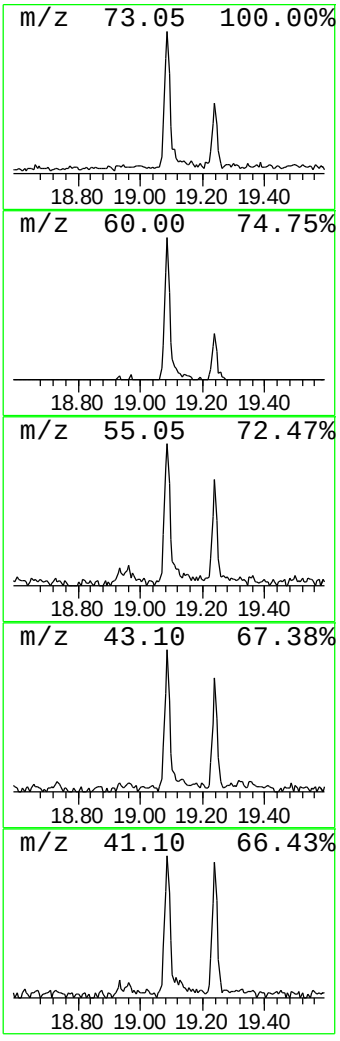
****

Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	2.30 ng/ul	347482	Chrysene-d12	21.08

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	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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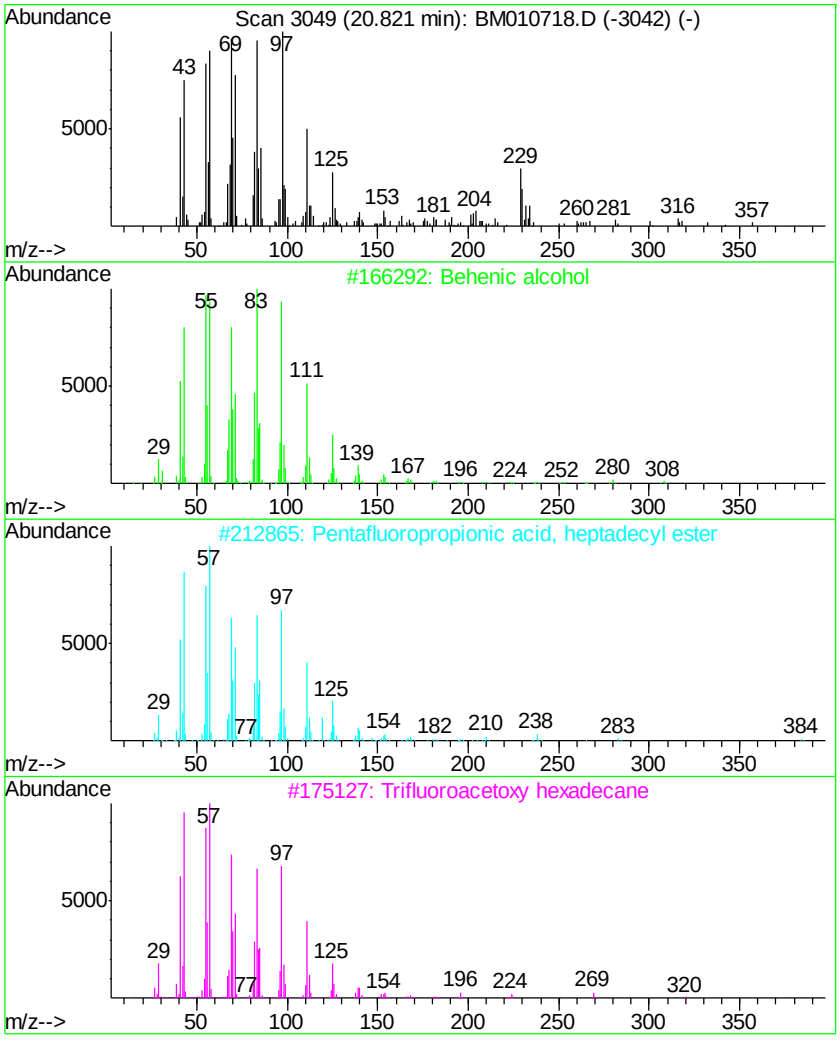
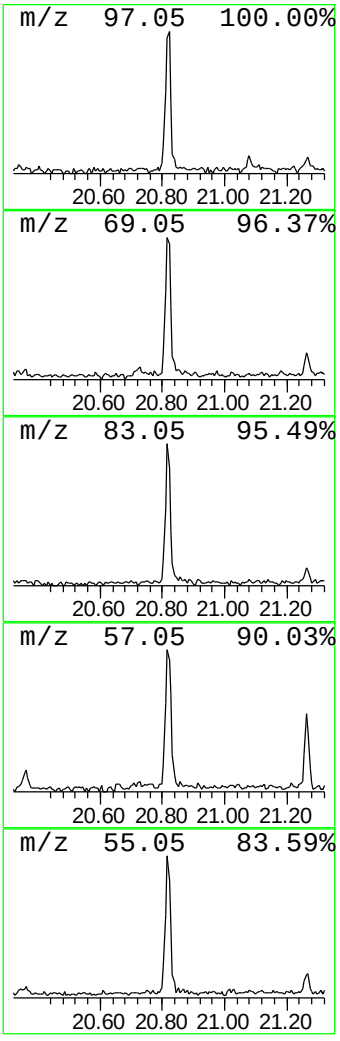
****

Peak Number 3 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.11 ng/ul	469316	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	87
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	70
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	70
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	70
5	1-Octadecanol	270	C18H38O	000112-92-5	64





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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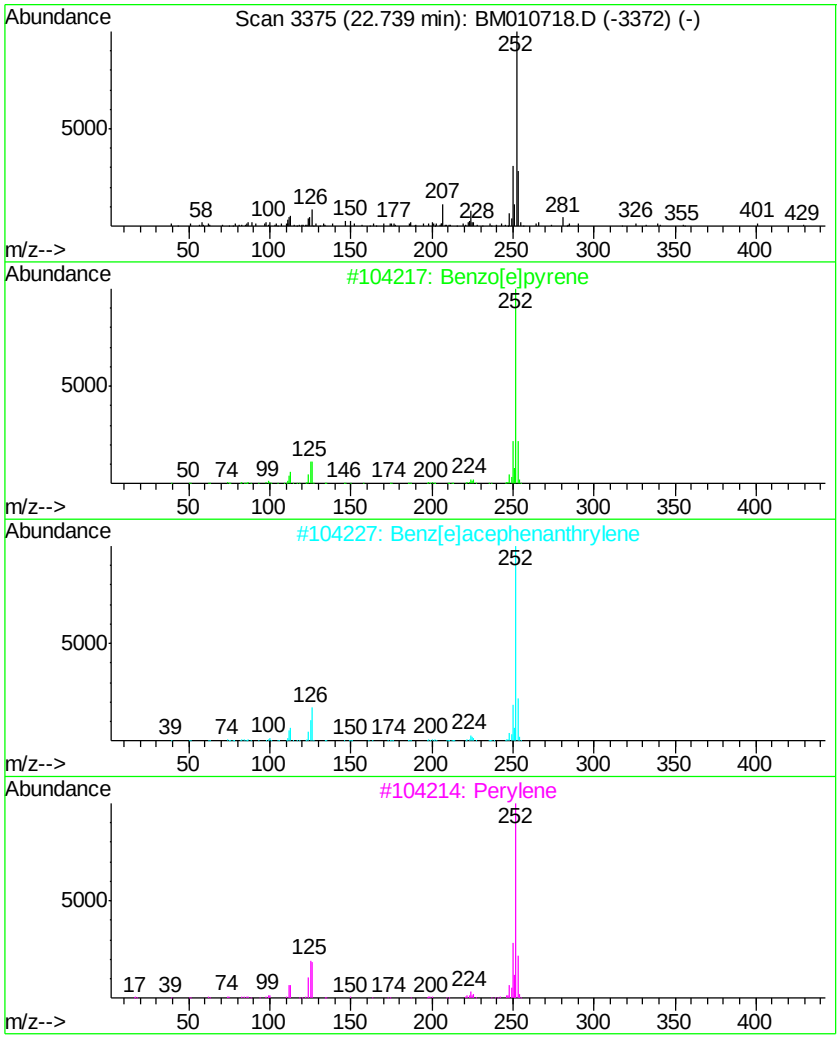
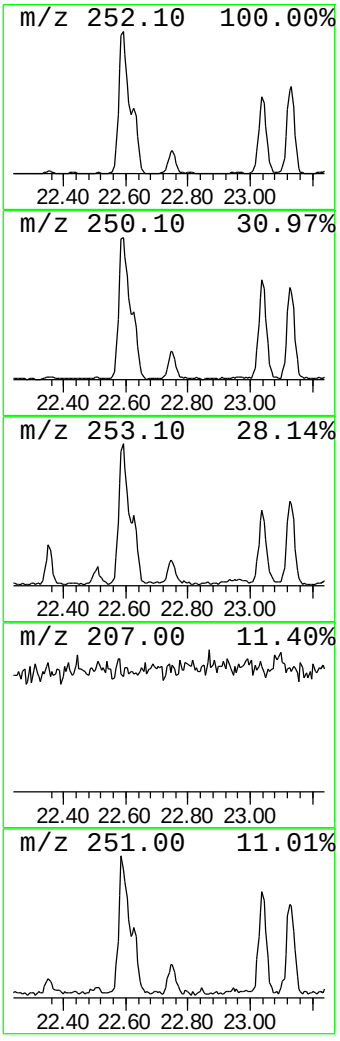
Peak Number 4 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	2.73 ng/ul	194208	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Perylene	252	C20H12	000198-55-0	89
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	87
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A09

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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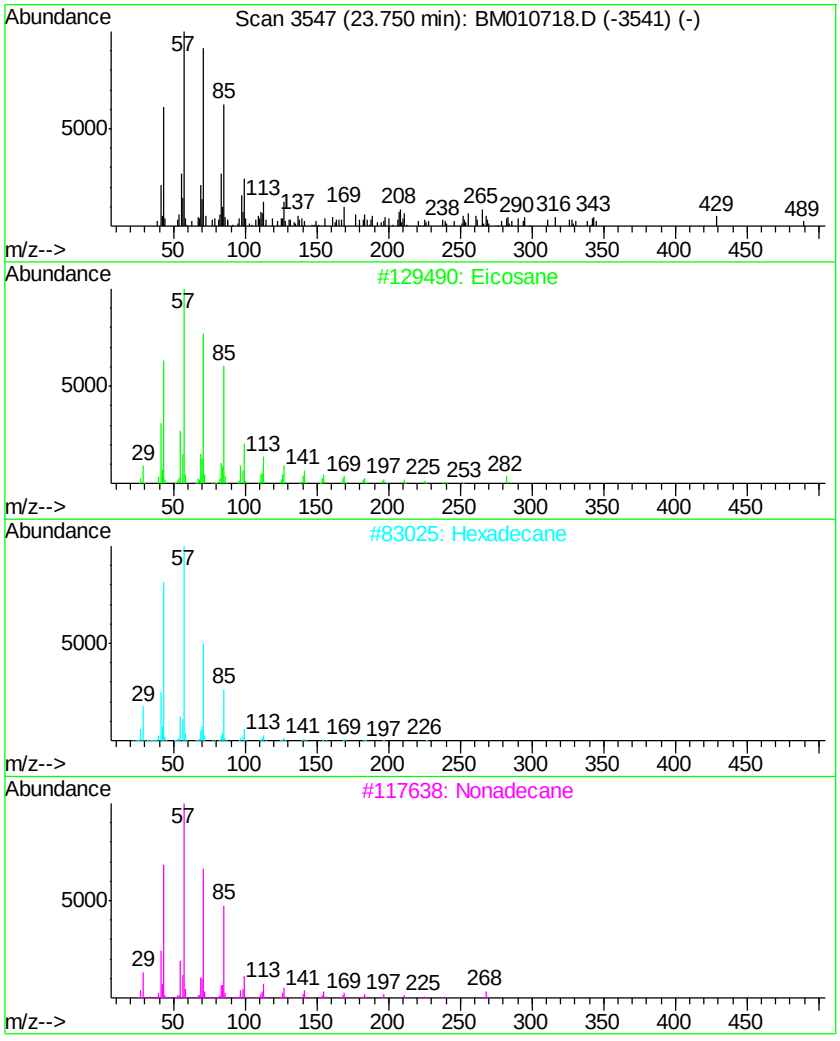
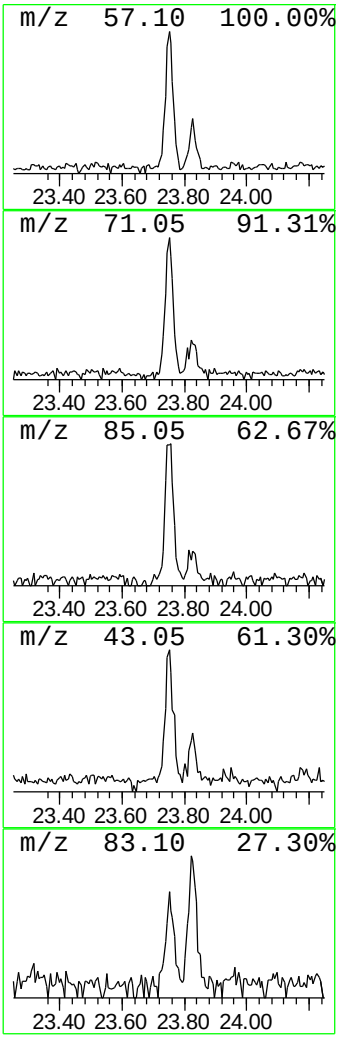
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	3.11 ng/ul	221108	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexadecane	226	C16H34	000544-76-3	93
3	Nonadecane	268	C19H40	000629-92-5	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	89





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_M
ClientSampleId : F5A09

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.79	5.1	ng/ul	458117	4	16.86	1811390	20.0
Octadecanoic acid	19.09	2.3	ng/ul	347482	5	21.08	3018490	20.0
Behenic alcohol	20.82	3.1	ng/ul	469316	5	21.08	3018490	20.0
Benzo[e]pyrene	22.74	2.7	ng/ul	194208	6	23.22	1422230	20.0
(DEL) Alkane: Str...	23.75	3.1	ng/ul	221108	6	23.22	1422230	20.0