LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010626.D
Acq On : 21 Jun 2017 17:04
Operator : SJ/JU
Sample : I3653-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C53

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	6.645	634	639	648	rVB	170016	264317	15.77%	1.363%
2	6.816	663	668	675	rBV	122777	183329	10.94%	0.945%
3	7.004	694	700	707	rVB	172923	265596	15.85%	1.370%
4	7.463	772	778	787	rBB	213081	320609	19.13%	1.653%
5	8.169	892	898	906	rVB2	234719	357681	21.34%	1.844%
6	8.610	966	973	981	rVB	172019	272416	16.25%	1.405%
7	9.322	1088	1094	1101	rVB2	162738	250541	14.95%	1.292%
8	9.851	1178	1184	1191	rBV	268893	409111	24.41%	2.110%
9	10.227	1241	1248	1252	rBV	306014	491926	29.35%	2.537%
10	10.275	1252	1256	1263	rVV	362084	584494	34.87%	3.014%
11	10.369	1265	1272	1282	rBV2	95838	161759	9.65%	0.834%
12	11.898	1526	1532	1538	rBB	117712	175958	10.50%	0.907%
13	12.127	1563	1571	1577	rBB	47280	72657	4.33%	0.375%
14	12.939	1704	1709	1715	rVB	54289	68038	4.06%	0.351%
15	13.433	1788	1793	1798	rBV2	17371	25470	1.52%	0.131%
16	13.539	1805	1811	1815	rVV	551794	774790	46.22%	3.995%
17	13.580	1815	1818	1829	rVB	181666	245830	14.67%	1.268%
18	13.804	1850	1856	1866	rVB	543225	791986	47.25%	4.084%
19	14.115	1902	1909	1916	rBV2	517568	755487	45.07%	3.896%
20	14.180	1916	1920	1928	rVB	84813	114583	6.84%	0.591%
21	14.321	1939	1944	1956	rVB	265856	366966	21.89%	1.892%
22	14.515	1969	1977	1983	rBV	168682	238338	14.22%	1.229%
23	15.115	2073	2079	2085	rBV	764267	1053811	62.87%	5.434%
24	15.174	2085	2089	2094	rVB	93535	128211	7.65%	0.661%
25	15.239	2094	2100	2107	rBV	262021	347750	20.75%	1.793%
26	15.468	2135	2139	2145	rBV2	16770	20980	1.25%	0.108%
27	15.621	2160	2165	2173	rBV2	15612	31421	1.87%	0.162%
28	16.527	2313	2319	2326	rVB	133193	181507	10.83%	0.936%
29	16.692	2344	2347	2352	rVB	29834	35498	2.12%	0.183%
30	16.868	2371	2377	2381	rBV	702276	1036062	61.81%	5.343%
31	16.909	2381	2384	2389	rVV	498871	678220	40.46%	3.497%
32	16.968	2389	2394	2405	rVB2	910641	1306154	77.92%	6.736%
33	17.274	2441	2446	2451	rVB	199214	264646	15.79%	1.365%
34	17.745	2522	2526	2530	rBV2	20084	25867	1.54%	0.133%

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Title : SVOA CALIBRATION

35	17.792	2530	2534	2543	rVV3	143119	189119	11.28%	0.975%
36	17.939	2552	2559	2563	rVV2	25895	41934	2.50%	0.216%
37	18.256	2606	2613	2616	rBV2	18010	27214	1.62%	0.140%
38	18.292	2616	2619	2625	rVB4	12968	17435	1.04%	0.090%
39	18.939	2720	2729	2739	rBV	260082	364352	21.74%	1.879%
40	19.092	2751	2755	2760	rBV2	96272	116507	6.95%	0.601%
41	19.280	2781	2787	2791	rBV	1216084	1676184	100.00%	8.644%
42	19.656	2848	2851	2854	rVB3	32509	29238	1.74%	0.151%
43	19.697	2854	2858	2863	rVB	57103	67068	4.00%	0.346%
44	19.750	2863	2867	2874	rBV4	16982	37294	2.22%	0.192%
45	19.809	2874	2877	2882	rVB4	18248	23195	1.38%	0.120%
46	19.915	2889	2895	2898	rBV	17964	26089	1.56%	0.135%
47	20.403	2974	2978	2982	rBV3	34950	45439	2.71%	0.234%
48	20.639	3016	3018	3021	rBV4	18592	19530	1.17%	0.101%
49	20.674	3021	3024	3027	rVB3	33594	35222	2.10%	0.182%
50	20.727	3029	3033	3037	rBV3	14334	21223	1.27%	0.109%
51	20.821	3043	3049	3054	rBV3	76719	99172	5.92%	0.511%
52	21.086	3087	3094	3098	rBV	1051632	1412769	84.28%	7.285%
53	21.121	3098	3100	3108	rVB	61310	72333	4.32%	0.373%
54	21.533	3168	3170	3173	rVB3	23348	25233	1.51%	0.130%
55	22.250	3290	3292	3296	rVB4	21700	23065	1.38%	0.119%
56	22.586	3347	3349	3351	rBV3	26665	28245	1.69%	0.146%
57	23.091	3429	3435	3441	rBV2	897265	1530597	91.31%	7.893%
58	23.227	3451	3458	3465	rVB	666096	1161314	69.28%	5.989%

Sum of corrected areas: 19391780

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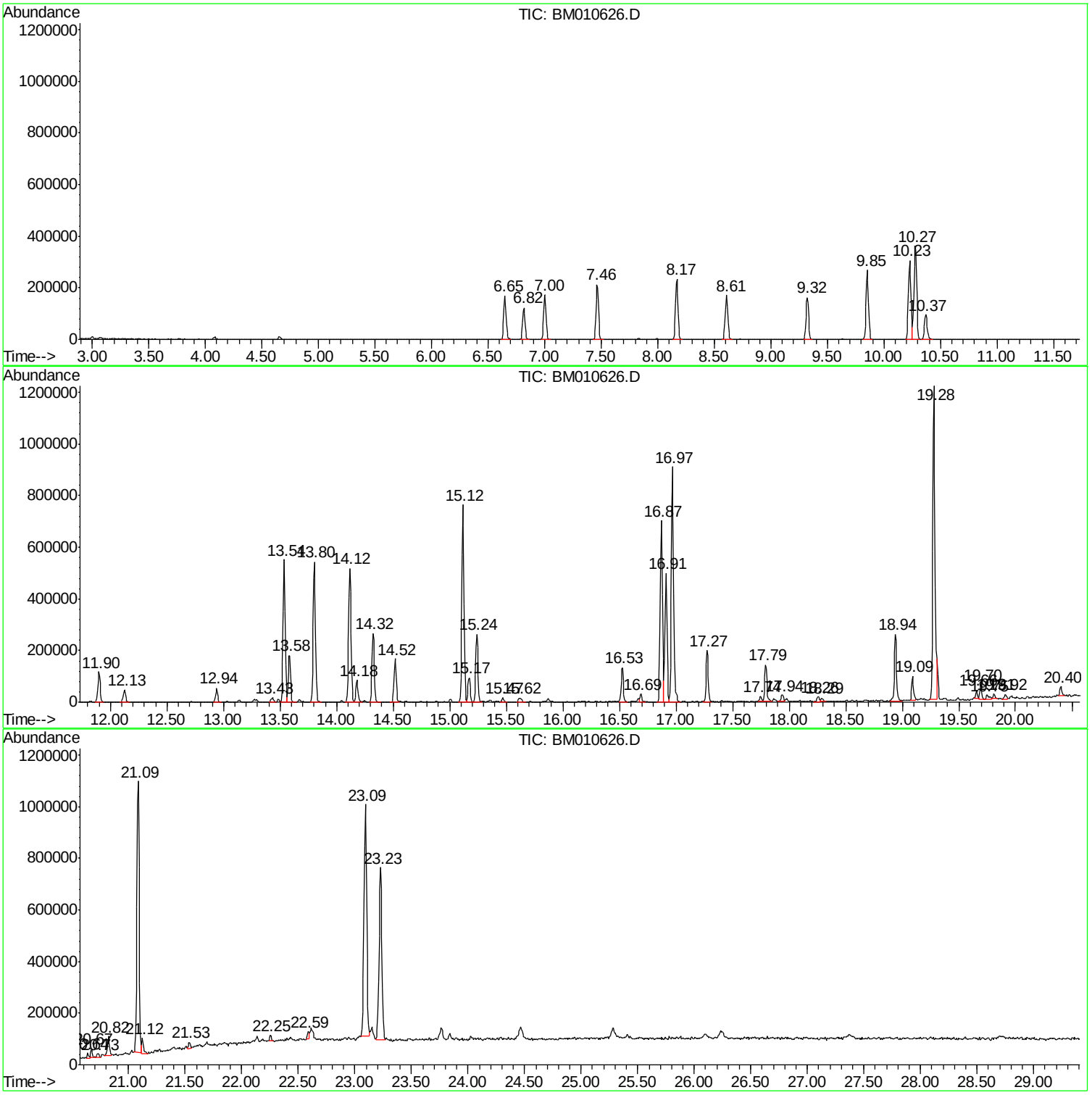
Instrument : BNA_M
ClientSampleId : F5C53

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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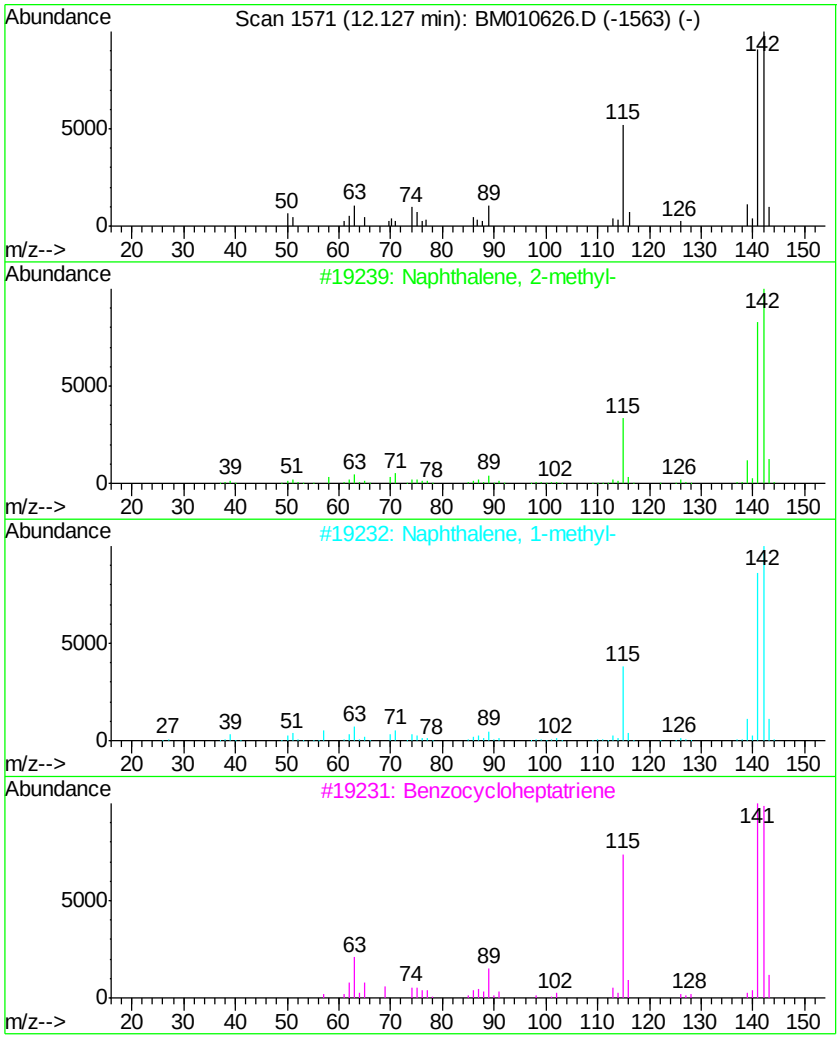
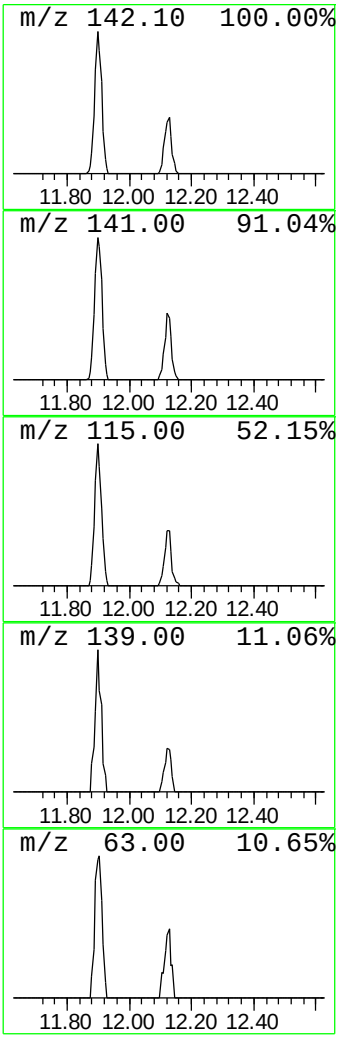
Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.95 ng/ul	72657	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Instrument : BNA_M
ClientSampleId : F5C53

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

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TIC Integration Parameters: LSCINT.P

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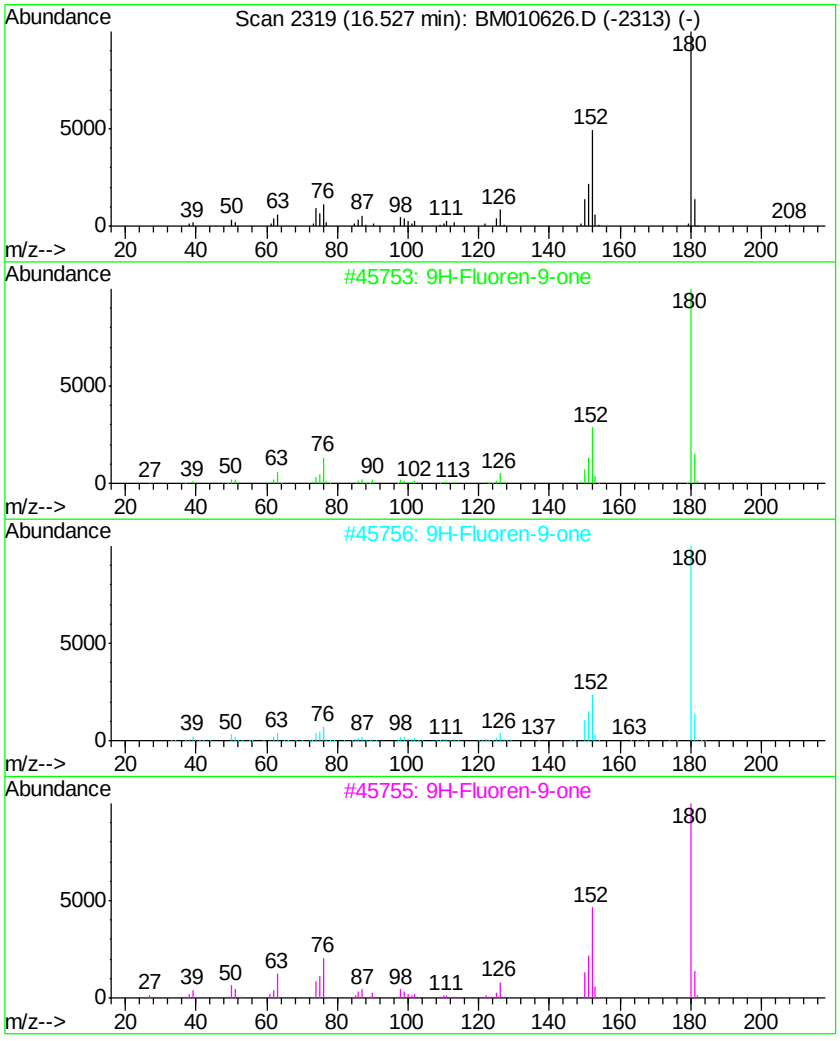
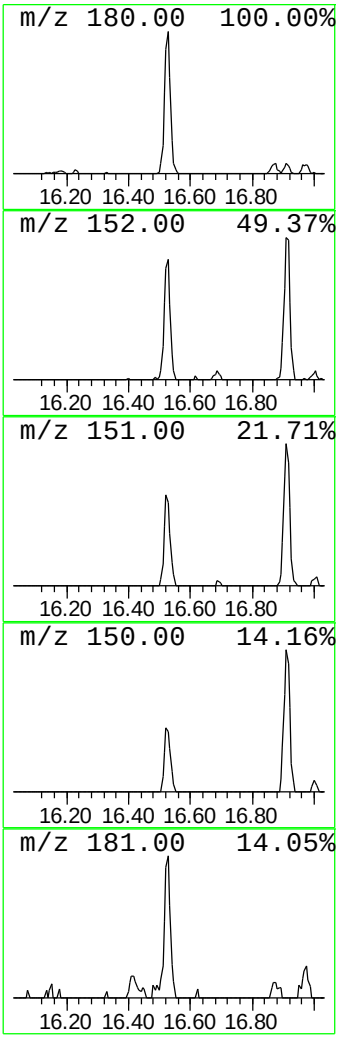
Peak Number 2 9H-Fluoren-9-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	3.50 ng/ul	181507	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	86





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Quant Title : SVOA CALIBRATION

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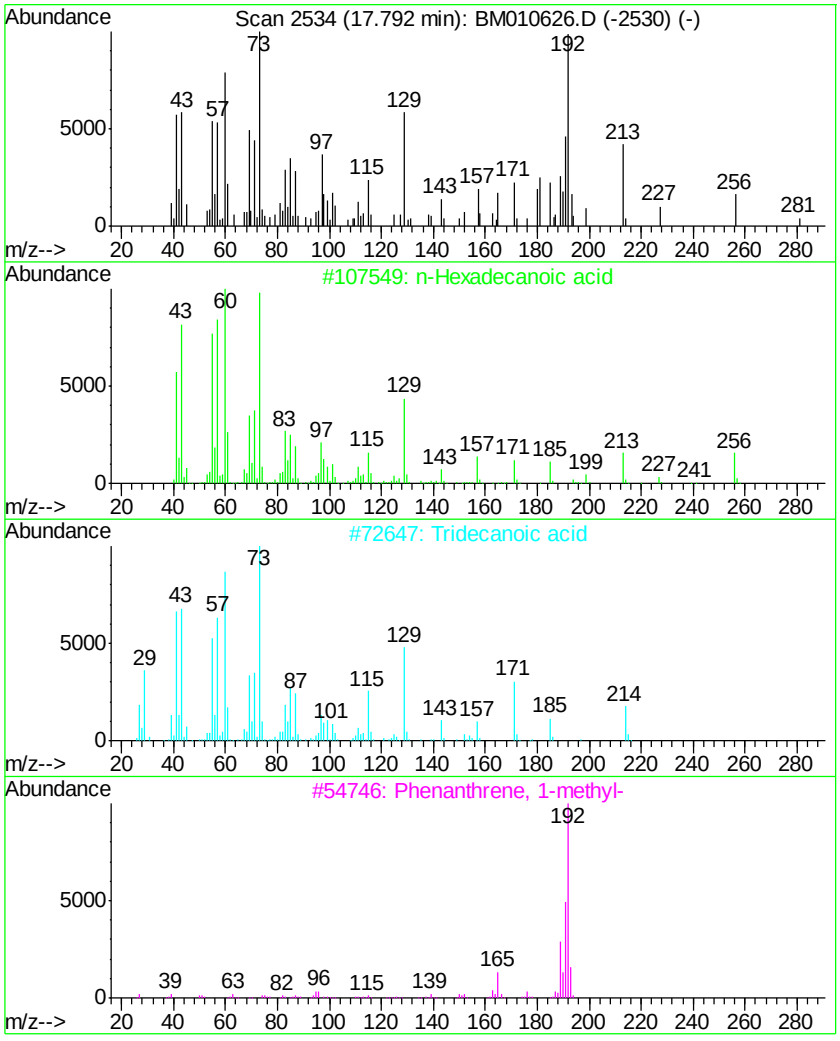
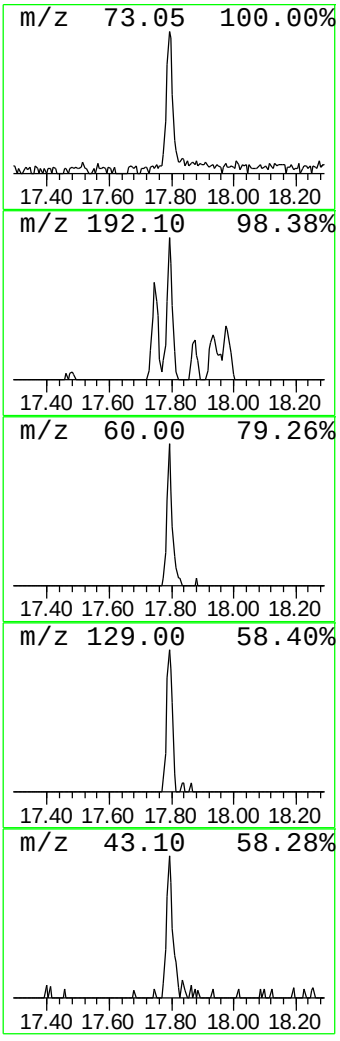
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	3.65 ng/ul	189119	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	56
5	Tridecanoic acid	214	C13H26O2	000638-53-9	42





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1-me...	12.13	3.0	ng/ul	72657	2	10.23	491926	20.0
9H-Fluoren-9-one	16.53	3.5	ng/ul	181507	4	16.87	1036060	20.0
n-Hexadecanoic acid	17.79	3.6	ng/ul	189119	4	16.87	1036060	20.0