LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025156.D
Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	3.272	70	74	82	rVB2	41450	62708	0.85%	0.054%
2	3.354	83	88	99	rVB7	25497	60733	0.82%	0.052%
3	4.130	214	220	227	rVB4	38330	66021	0.89%	0.057%
4	4.359	253	259	271	rVB	42211	77198	1.04%	0.066%
5	5.634	464	476	484	rBV3	23152	67048	0.90%	0.058%
6	5.840	504	511	526	rBV3	25344	76312	1.03%	0.066%
7	7.385	765	774	793	rVB	520161	1092604	14.74%	0.939%
8	7.549	793	802	813	rBV	342695	590537	7.97%	0.508%
9	7.767	830	839	850	rBV	435338	827207	11.16%	0.711%
10	8.237	910	919	930	rBV	395678	728267	9.82%	0.626%
11	8.942	1030	1039	1051	rBV	543099	1049179	14.15%	0.902%
12	9.071	1051	1061	1067	rVV3	39875	83823	1.13%	0.072%
13	9.412	1112	1119	1130	rBV	488730	945175	12.75%	0.813%
14	9.541	1135	1141	1147	rVB7	23215	54054	0.73%	0.046%
15	10.141	1233	1243	1252	rBV2	456425	849352	11.46%	0.730%
16	10.681	1326	1335	1349	rVB	618371	1190121	16.06%	1.023%
17	11.063	1391	1400	1406	rBV	550964	1031018	13.91%	0.887%
18	11.116	1406	1409	1415	rVV4	52212	85268	1.15%	0.073%
19	11.198	1415	1423	1441	rVV2	192349	448279	6.05%	0.385%
20	12.702	1672	1679	1683	rBV2	50201	99689	1.34%	0.086%
21	12.749	1683	1687	1695	rVB	79024	121775	1.64%	0.105%
22	12.914	1709	1715	1721	rBV2	52987	86853	1.17%	0.075%
23	13.689	1842	1847	1855	rVB2	131972	225427	3.04%	0.194%
24	14.248	1935	1942	1947	rBV	1108956	1656609	22.35%	1.424%
25	14.294	1948	1950	1955	rVB	76656	91547	1.23%	0.079%
26	14.483	1974	1982	1987	rVB2	133447	186742	2.52%	0.161%
27	14.559	1987	1995	2003	rBV	1106416	1866585	25.18%	1.605%
28	14.700	2012	2019	2024	rBV4	49024	67561	0.91%	0.058%
29	14.859	2034	2046	2053	rVB2	871691	1567874	21.15%	1.348%
30	15.058	2070	2080	2090	rBV	452029	885519	11.95%	0.761%
31	15.223	2099	2108	2120	rVB9	67791	188245	2.54%	0.162%
32	15.646	2166	2180	2185	rVV3	93241	221154	2.98%	0.190%
33	15.846	2202	2214	2227	rBV	1594709	2662407	35.92%	2.289%
34	15.969	2228	2235	2243	rVV	458790	738728	9.97%	0.635%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025156.D
Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	16.075	2243	2253	2254	rVV7	33815	84531	1.14%	0.073%
36	16.110	2254	2259	2268	rVB	186467	293449	3.96%	0.252%
37	16.357	2294	2301	2312	rBV	28298	86803	1.17%	0.075%
38	16.504	2321	2326	2334	rBV3	156225	271564	3.66%	0.234%
39	16.656	2345	2352	2356	rBV6	30978	59260	0.80%	0.051%
40	16.709	2356	2361	2366	rVB5	48358	89427	1.21%	0.077%
41	16.768	2366	2371	2376	rBV5	47973	68586	0.93%	0.059%
42	16.886	2383	2391	2398	rBV5	48445	139188	1.88%	0.120%
43	16.950	2398	2402	2411	rBV	508091	762989	10.29%	0.656%
44	17.074	2419	2423	2428	rBV	145380	186747	2.52%	0.161%
45	17.220	2442	2448	2451	rBV	571820	811228	10.94%	0.698%
46	17.262	2451	2455	2464	rVV	2310040	3410388	46.01%	2.932%
47	17.326	2464	2466	2474	rVB6	60869	98606	1.33%	0.085%
48	17.414	2478	2481	2486	rBV	37105	57529	0.78%	0.049%
49	17.473	2486	2491	2494	rVB6	49996	80788	1.09%	0.069%
50	17.514	2494	2498	2499	rBV	67802	82799	1.12%	0.071%
51	17.555	2499	2505	2509	rVV	1790655	2546556	34.35%	2.190%
52	17.602	2509	2513	2517	rVV	978690	1519160	20.49%	1.306%
53	17.644	2517	2520	2524	rVV	236001	358798	4.84%	0.309%
54	17.696	2524	2529	2538	rVB2	1535551	2626730	35.44%	2.259%
55	17.785	2539	2544	2548	rVB8	32249	62328	0.84%	0.054%
56	17.843	2548	2554	2562	rBV8	44717	146937	1.98%	0.126%
57	17.937	2563	2570	2579	rBV3	188593	432604	5.84%	0.372%
58	18.055	2579	2590	2602	rVB2	236155	631818	8.52%	0.543%
59	18.178	2602	2611	2615	rBV3	108270	256282	3.46%	0.220%
60	18.213	2615	2617	2623	rVB7	73839	93366	1.26%	0.080%
61	18.331	2630	2637	2644	rBV3	209773	507963	6.85%	0.437%
62	18.460	2650	2659	2666	rBV	4353305	7412764	100.00%	6.374%
63	18.519	2666	2669	2675	rVB2	436681	664125	8.96%	0.571%
64	18.648	2686	2691	2697	rBV2	226802	441947	5.96%	0.380%
65	18.719	2697	2703	2707	rVV2	213680	404846	5.46%	0.348%
66	18.772	2707	2712	2718	rBV	392670	506653	6.83%	0.436%
67	18.854	2722	2726	2730	rBV4	103290	174587	2.36%	0.150%
68	18.901	2730	2734	2740	rBV2	486722	687696	9.28%	0.591%
69	19.101	2765	2768	2775	rBV9	128044	238452	3.22%	0.205%
70	19.212	2776	2787	2792	rVV	4963441	7333227	98.93%	6.305%
71	19.277	2792	2798	2806	rVB	4750750	6582317	88.80%	5.660%

LSC Area Percent Report

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Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	19.371	2806	2814	2818	rBV2	807492	1643420	22.17%	1.413%
73	19.430	2819	2824	2827	rBV2	630354	902015	12.17%	0.776%
74	19.465	2828	2830	2833	rVB	209906	197316	2.66%	0.170%
75	19.512	2833	2838	2842	rBV4	340768	660768	8.91%	0.568%
76	19.553	2842	2845	2848	rBV2	302655	372017	5.02%	0.320%
77	19.618	2848	2856	2865	rBV5	1850085	4439775	59.89%	3.818%
78	19.718	2867	2873	2880	rBV3	3268423	4687492	63.24%	4.031%
79	19.864	2895	2898	2901	rBV5	245405	363712	4.91%	0.313%
80	19.911	2901	2906	2911	rVB2	856337	1561712	21.07%	1.343%
81	19.976	2911	2917	2927	rBV2	2173908	4954606	66.84%	4.260%
82	20.064	2927	2932	2937	rBV	872064	1397753	18.86%	1.202%
83	20.111	2938	2940	2942	rBV2	166294	155131	2.09%	0.133%
84	20.152	2943	2947	2955	rVB2	553043	1089136	14.69%	0.936%
85	20.223	2955	2959	2967	rBV5	543551	1345009	18.14%	1.156%
86	20.299	2969	2972	2974	rBV4	270871	374630	5.05%	0.322%
87	20.393	2985	2988	2990	rBV4	233210	268927	3.63%	0.231%
88	20.446	2993	2997	3001	rBV2	847627	1273496	17.18%	1.095%
89	20.493	3001	3005	3011	rVB	3662035	4914498	66.30%	4.226%
90	20.552	3011	3015	3021	rBV	805126	1209005	16.31%	1.040%
91	20.681	3034	3037	3041	rVB3	429965	457189	6.17%	0.393%
92	20.740	3044	3047	3051	rBV3	482269	652005	8.80%	0.561%
93	20.793	3052	3056	3060	rBV2	530934	845290	11.40%	0.727%
94	20.940	3074	3081	3086	rBV4	1258537	2303738	31.08%	1.981%
95	21.468	3167	3171	3181	rVB2	1547956	2801407	37.79%	2.409%
96	21.909	3241	3246	3261	rVB3	1231561	3713757	50.10%	3.193%
97	22.032	3264	3267	3277	rVB3	955481	1784087	24.07%	1.534%
98	22.649	3365	3372	3382	rVB2	1285307	4332425	58.45%	3.725%
99	23.413	3496	3502	3505	rBV2	1295200	2837624	38.28%	2.440%
100	25.070	3777	3784	3791	rBV	1671916	4497835	60.68%	3.867%

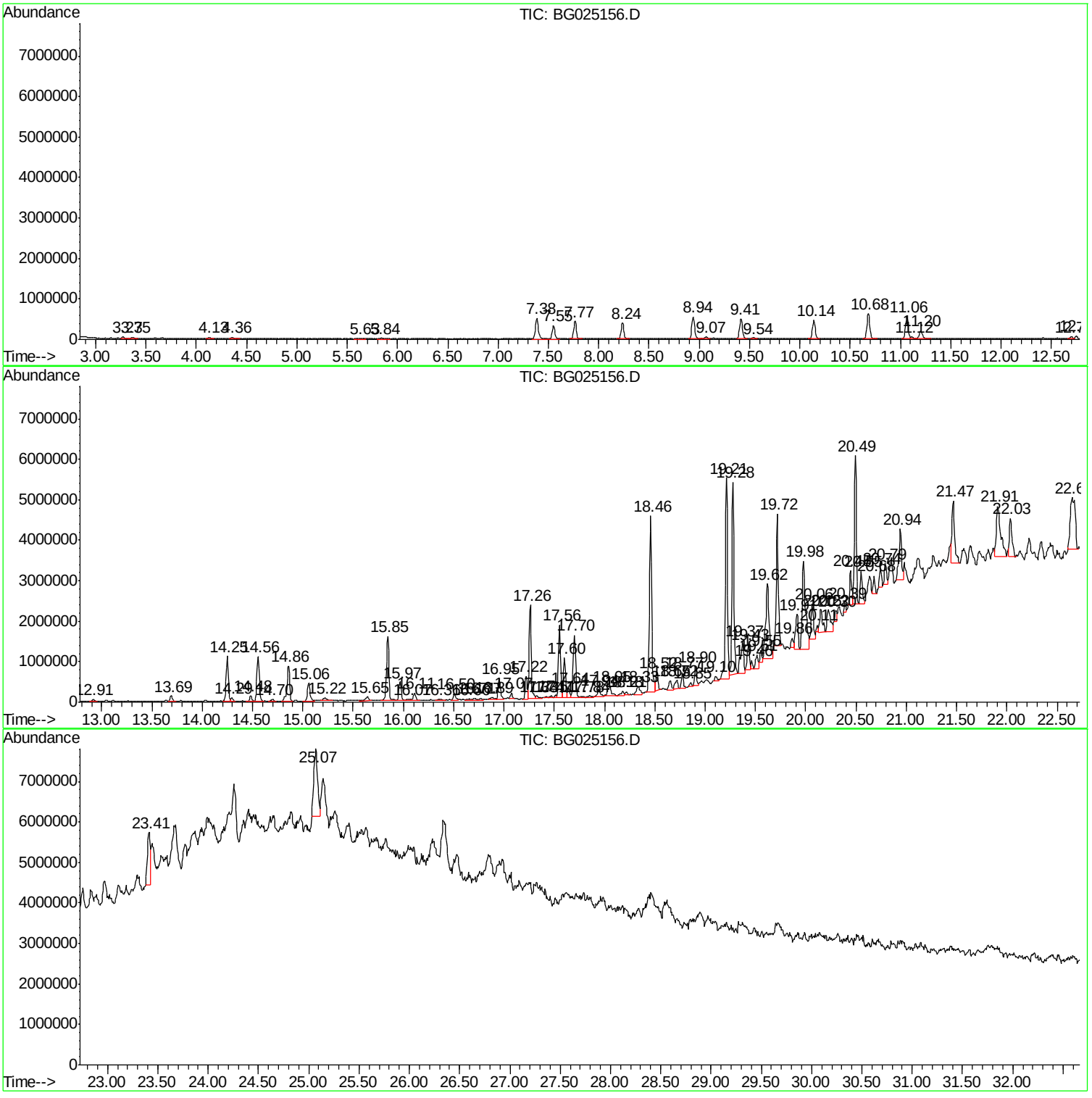
Sum of corrected areas: 116300432

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025156.D
Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P006-PCS-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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 G\DATA\BG121316\
Data File : BG025156.D
Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

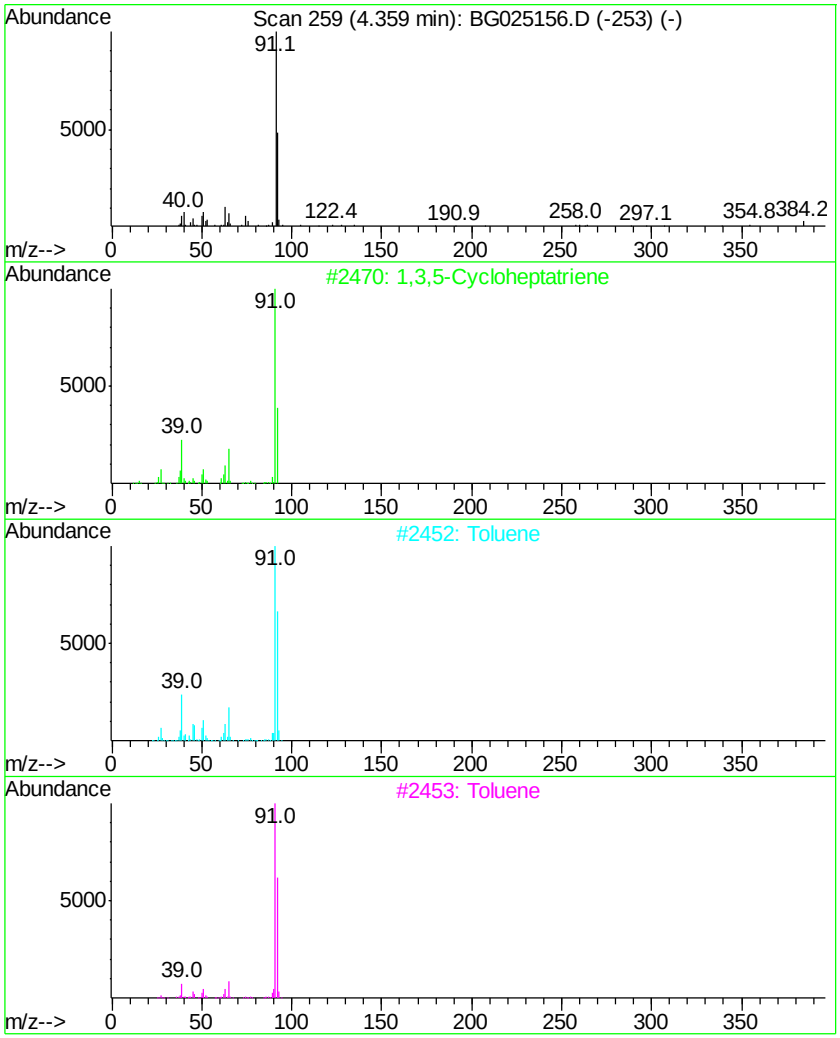
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

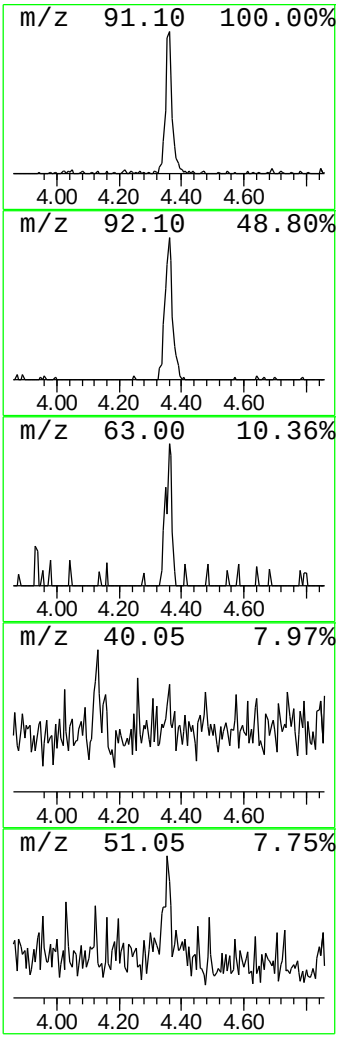
****

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.36	2.12 ng/ul	77198	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	72
2	Toluene	92	C7H8	000108-88-3	72
3	Toluene	92	C7H8	000108-88-3	64
4	Toluene	92	C7H8	000108-88-3	64
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025156.D
Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

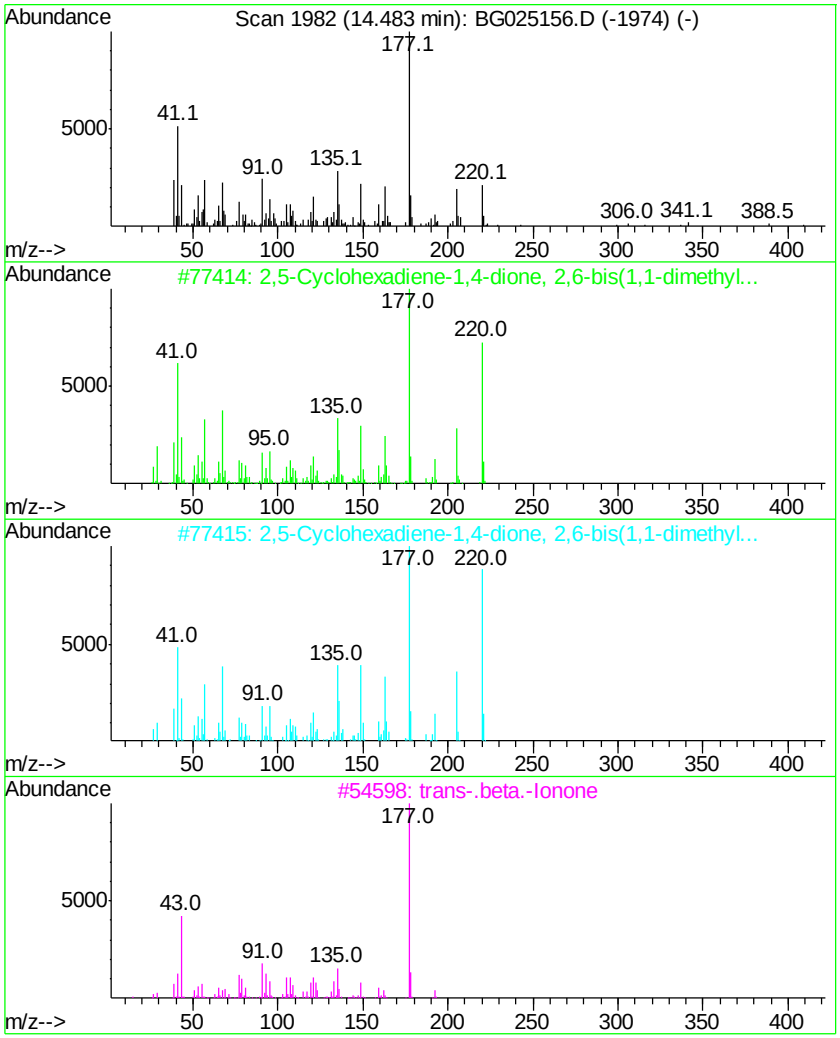
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

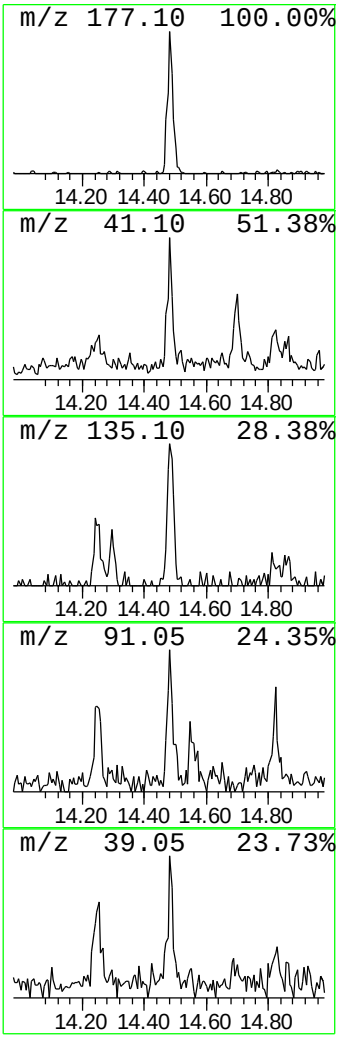
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.38 ng/ul	186742	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	95
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	62
3	trans-.beta.-Ionone	192	C13H20O	000079-77-6	55
4	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	52
5	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025156.D
Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

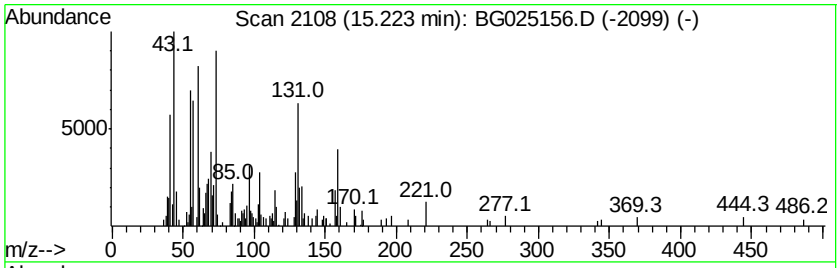
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

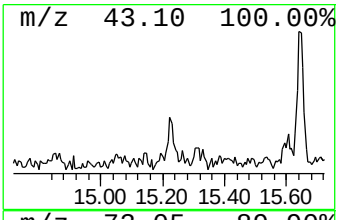
****

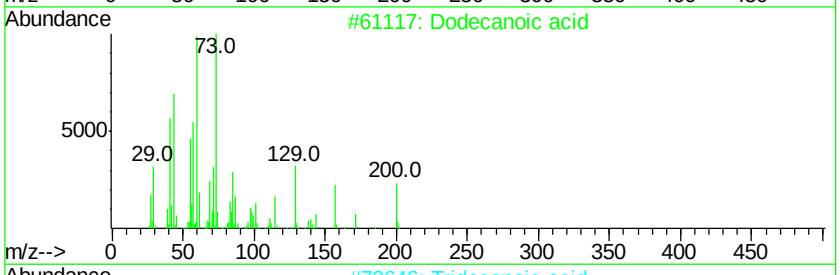
Peak Number 4 unknown-01 Concentration Rank 41

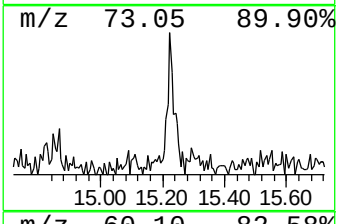
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	2.40 ng/ul	188245	Acenaphthene-d10	14.86

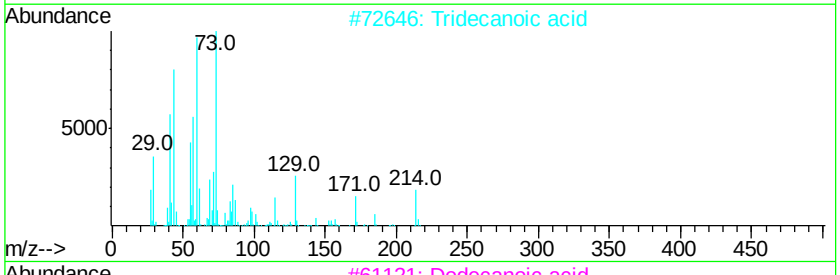
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	25
2	Tridecanoic acid	214	C13H26O2	000638-53-9	25
3	Dodecanoic acid	200	C12H24O2	000143-07-7	25
4	.beta.-Methyl xyloside	164	C6H12O5	1000130-04-0	22
5	4-Cyclohexene-1,2-diol	114	C6H10O2	117919-55-8	22

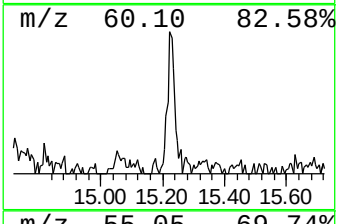


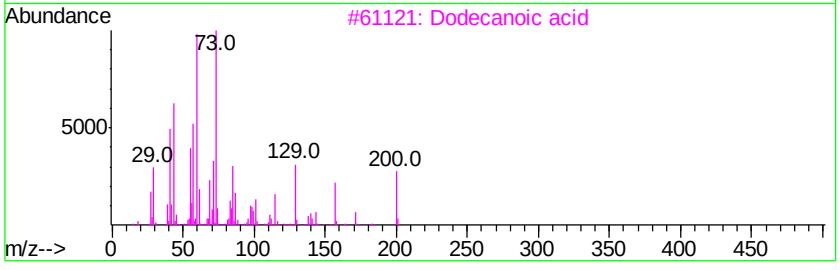


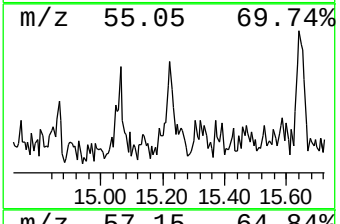


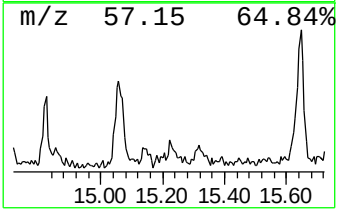












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025156.D
Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

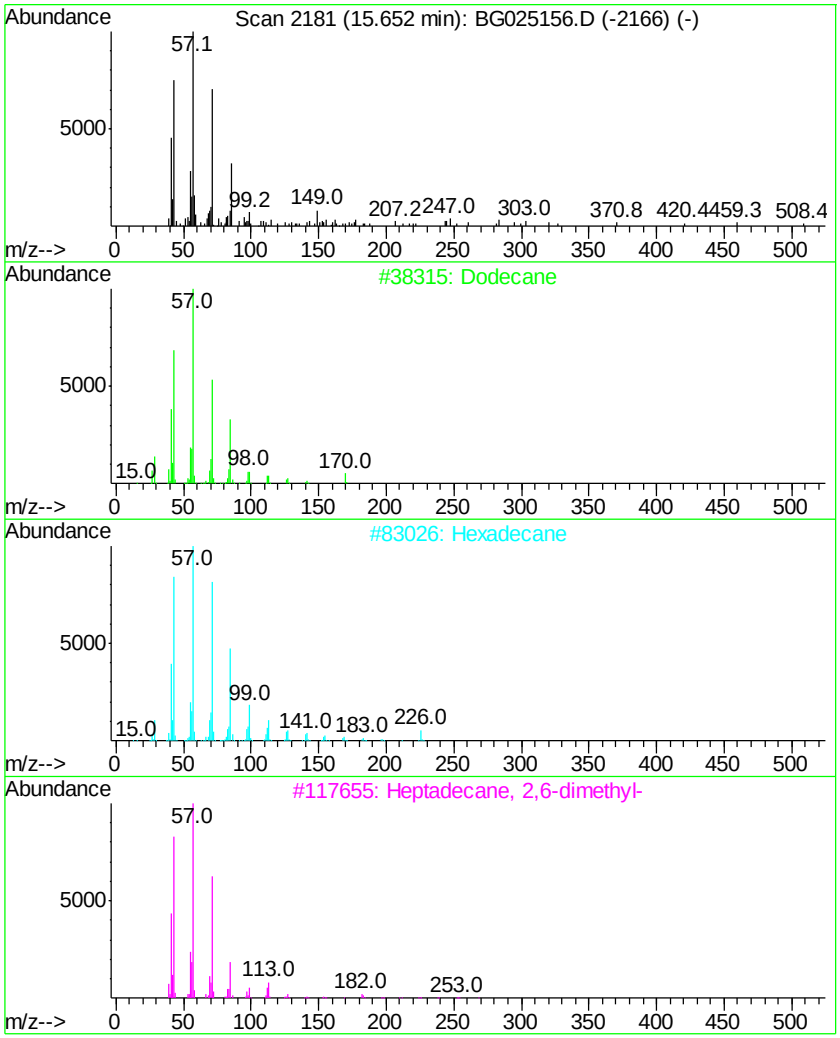
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

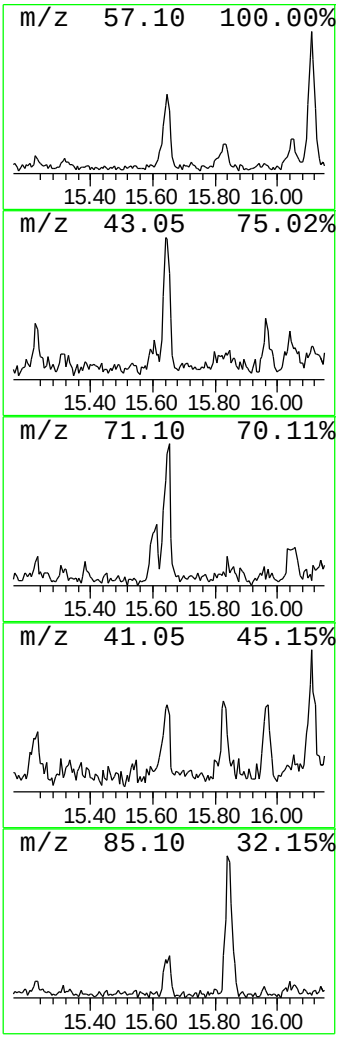
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	2.82 ng/ul	221154	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	58
2	Hexadecane	226	C16H34	000544-76-3	53
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	50
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	47
5	Decane, 2-methyl-	156	C11H24	006975-98-0	47





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Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

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Quant Title : SVOA CALIBRATION

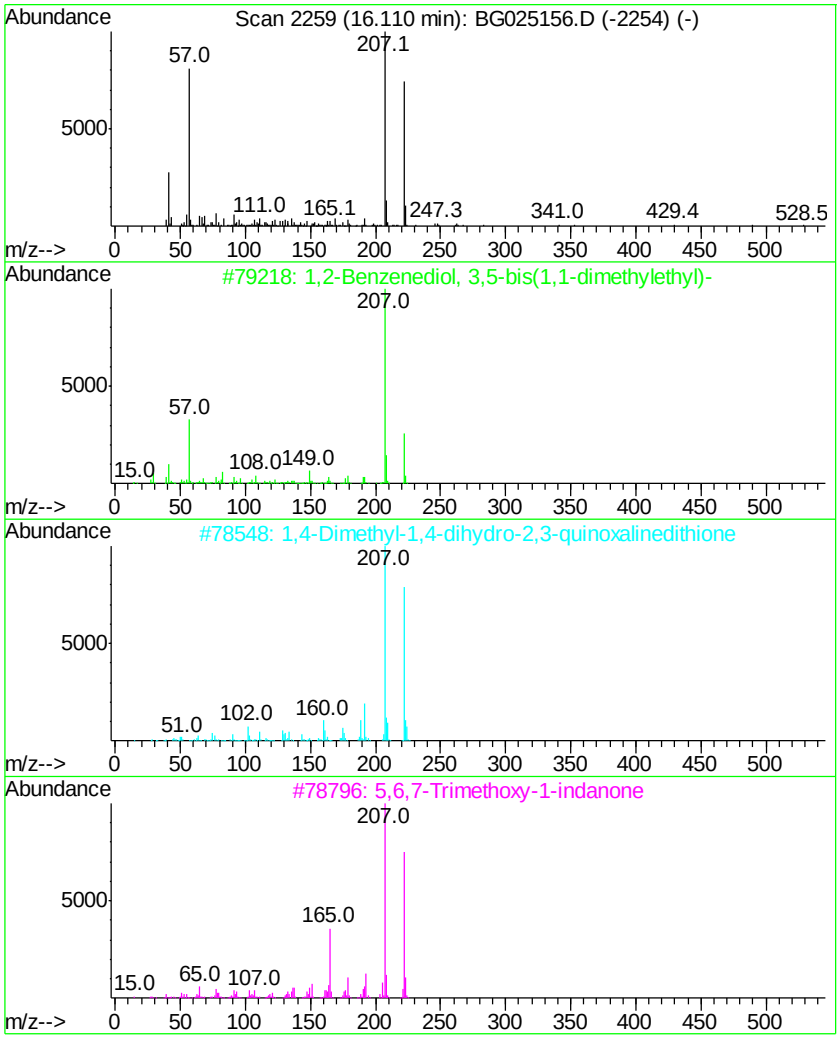
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

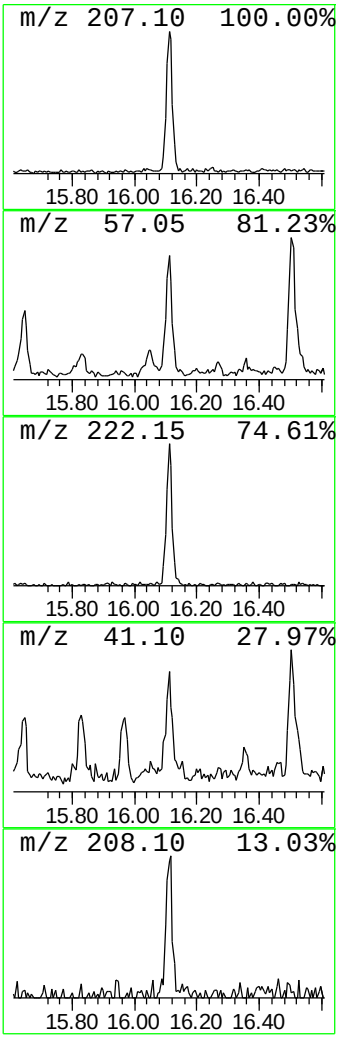
****

Peak Number 6 1,2-Benzenediol, 3,5-bis(1,... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	3.74 ng/ul	293449	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenediol, 3,5-bis(1,1-dim...	222	C14H22O2	001020-31-1	80
2	1,4-Dimethyl-1,4-dihydro-2,3-qui...	222	C10H10N2S2	058175-06-7	80
3	5,6,7-Trimethoxy-1-indanone	222	C12H14O4	038472-90-1	80
4	1,4-Benzenediol, 2,5-bis(1,1-dim...	222	C14H22O2	000088-58-4	80
5	1,2-Benzenediol, 3,5-bis(1,1-dim...	222	C14H22O2	001020-31-1	72





Library Search Compound Report

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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
P006-PCS-03

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Quant Title : SVOA CALIBRATION

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

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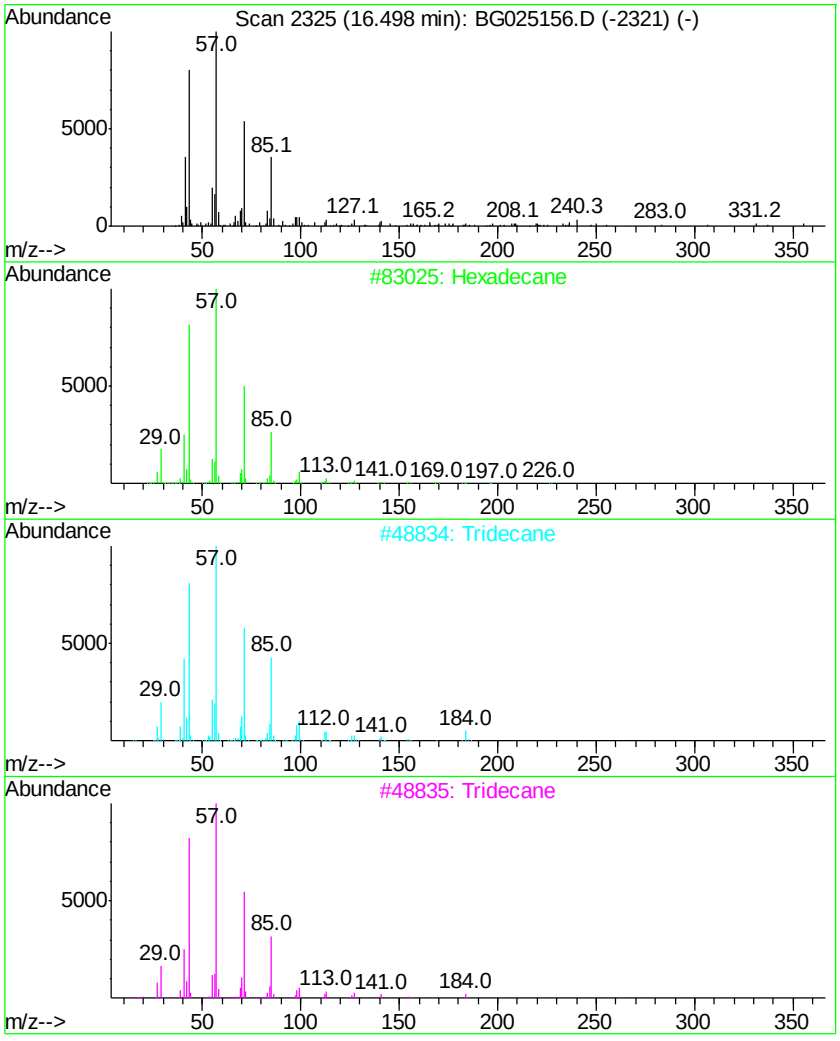
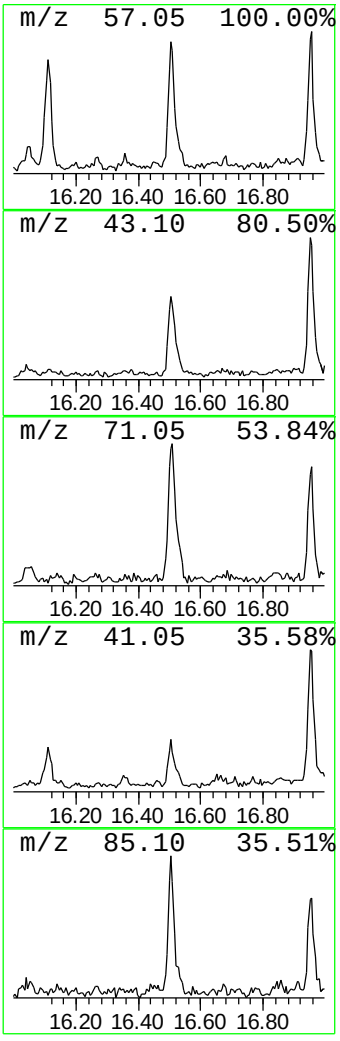
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	3.58 ng/ul	271564	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Tridecane	184	C13H28	000629-50-5	80
3	Tridecane	184	C13H28	000629-50-5	80
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	80
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	74





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Quant Title : SVOA CALIBRATION

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

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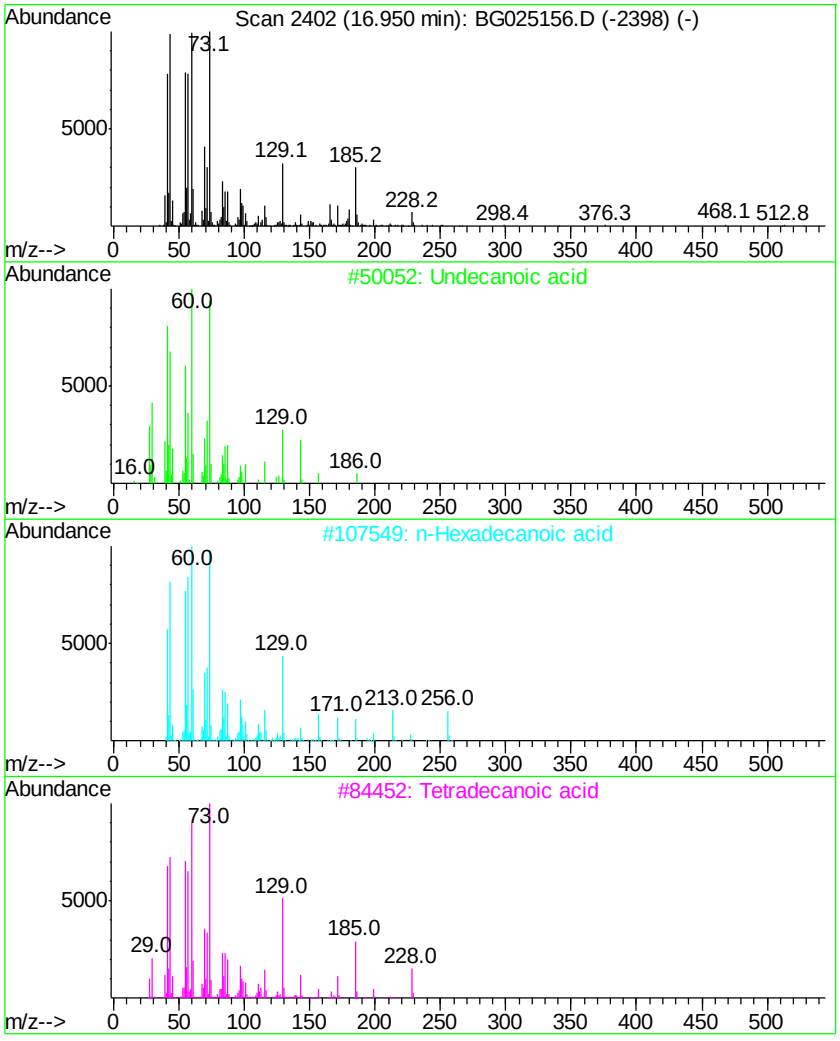
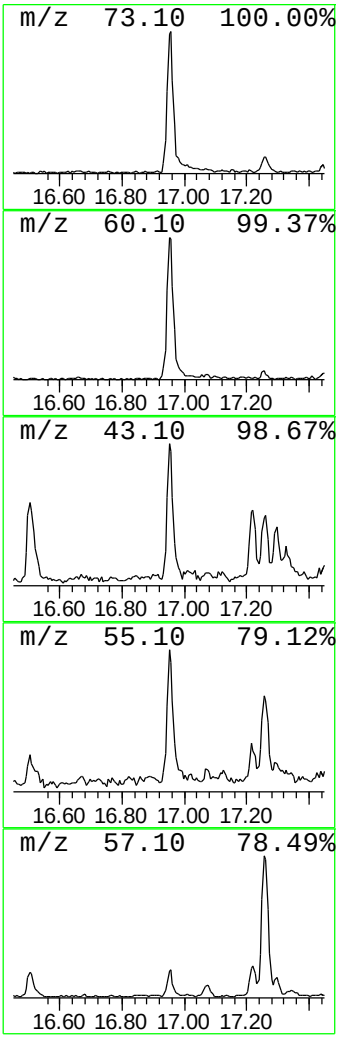
Peak Number 8 Undecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	10.04 ng/ul	762989	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





Library Search Compound Report

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Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

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Quant Title : SVOA CALIBRATION

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

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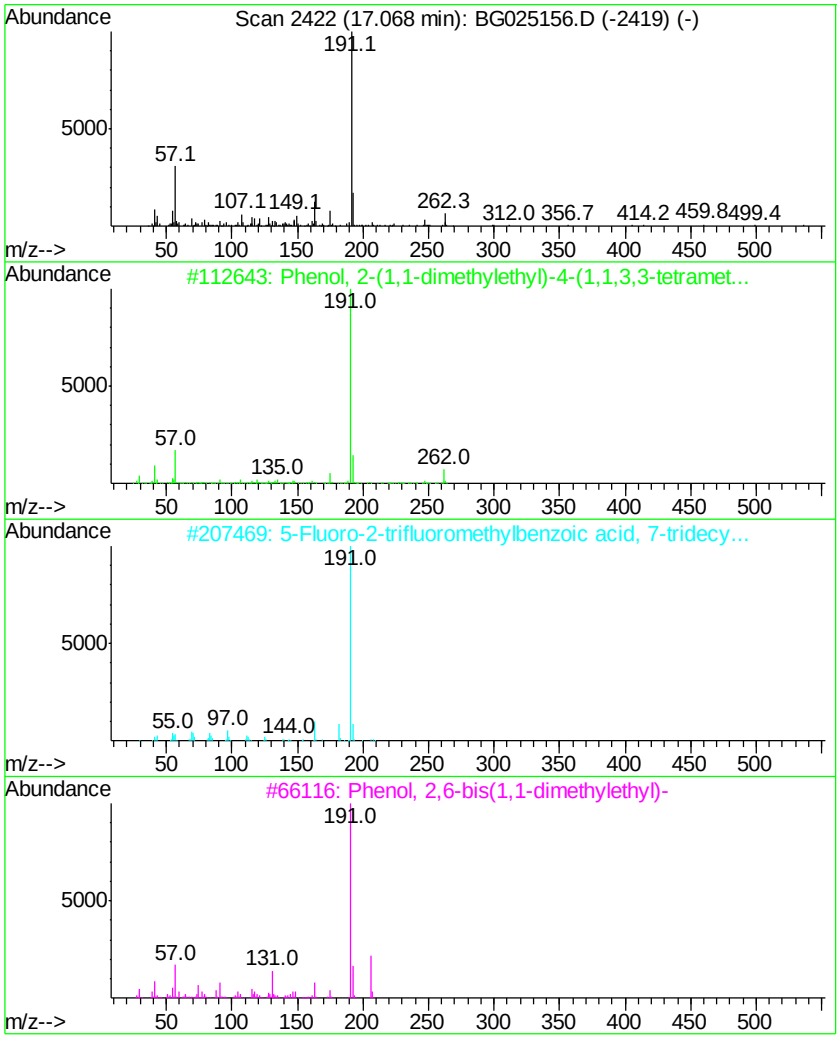
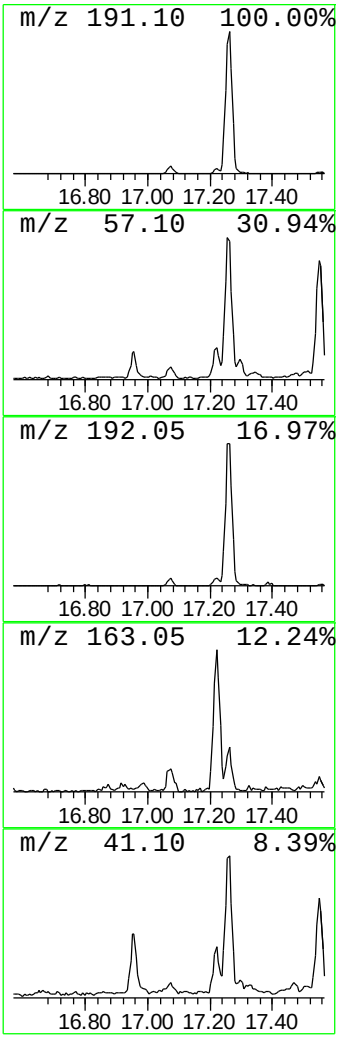
Peak Number 9 Phenol, 2-(1,1-dimethylethy... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	2.46 ng/ul	186747	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	262	C18H30O	005806-73-5	64
2	5-Fluoro-2-trifluoromethylbenzoi...	390	C21H30F4O2	1000338-55-3	59
3	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	59
4	4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	59
5	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	59





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Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

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Quant Title : SVOA CALIBRATION

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

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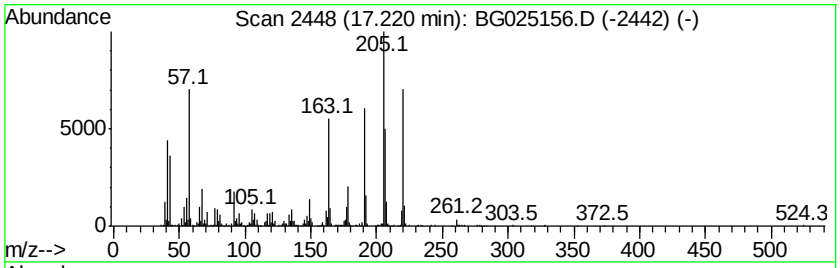
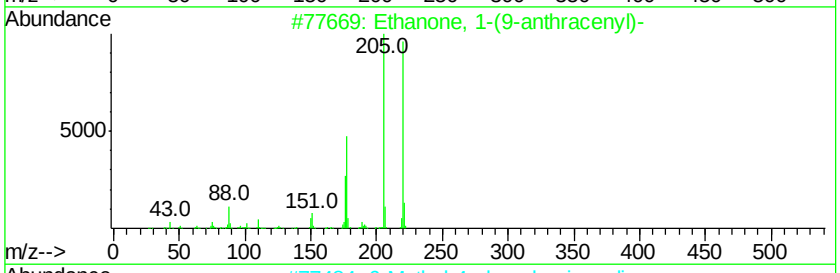
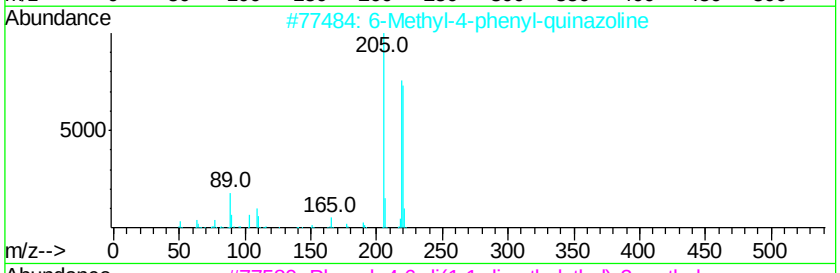
Peak Number 10 unknown-02 Concentration Rank 13

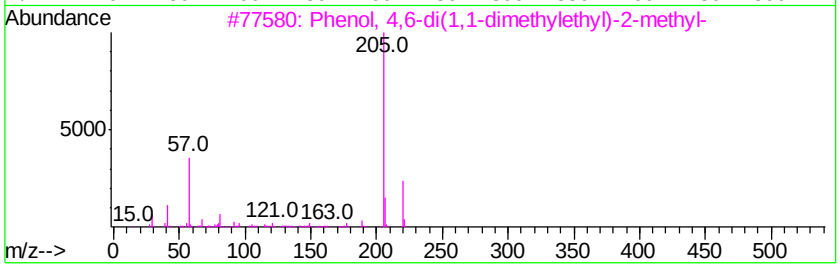
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	10.68 ng/ul	811228	Phenanthrene-d10	17.60

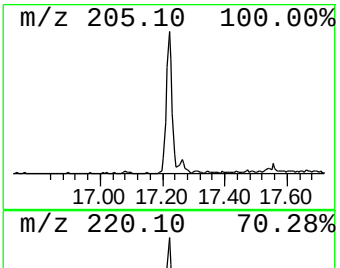
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	43
2	6-Methyl-4-phenyl-quinazoline	220	C15H12N2	004015-27-4	38
3	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	38
4	2,4,6-Tris(1,1-dimethylethyl)-4-...	276	C19H32O	019687-22-0	35
5	Ethanone, 1-(4-amino-6-methyl-th...	206	C10H10N2OS	1000268-83-5	30

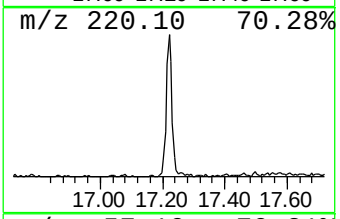


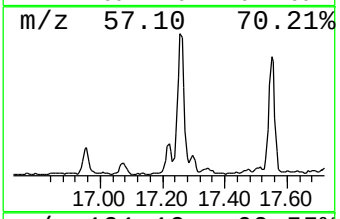


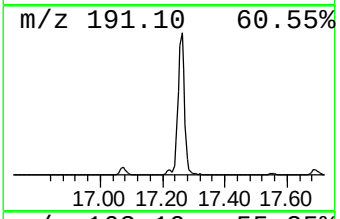


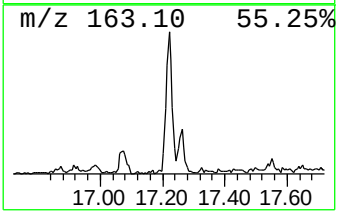












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Data File : BG025156.D
Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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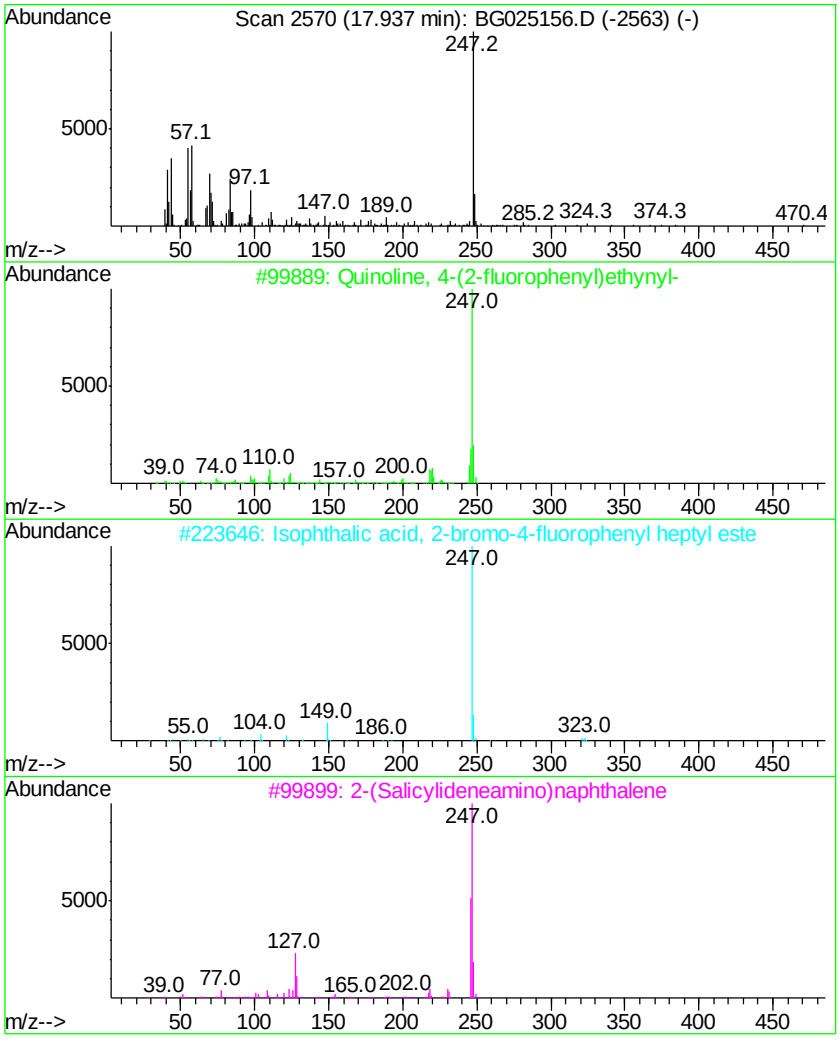
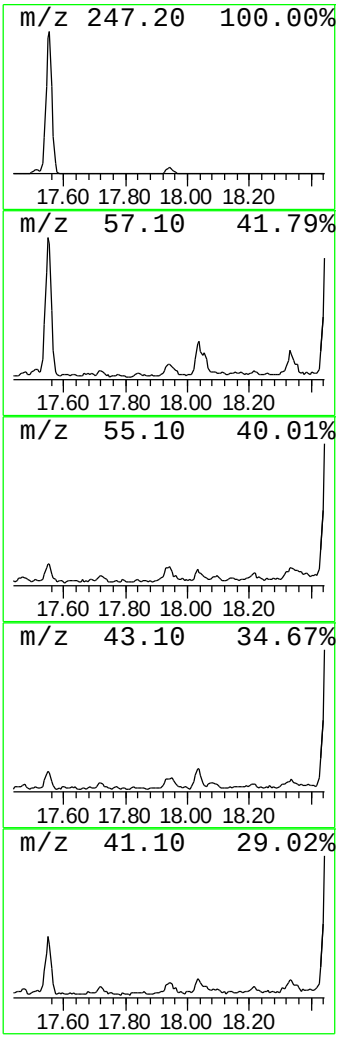
Peak Number 12 Quinoline, 4-(2-fluoropheny... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	5.70 ng/ul	432604	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 4-(2-fluorophenyl)eth...	247	C17H10FN	1000268-24-9	53
2	Isophthalic acid, 2-bromo-4-fluo...	436	C21H22BrFO4	1000344-40-0	53
3	2-(Salicylideneamino)naphthalene	247	C17H13NO	001689-72-1	52
4	Isophthalic acid, 2,4-dichloroph...	408	C21H22Cl2O4	1000344-41-1	50
5	Isophthalic acid, heptyl 2-methy...	354	C22H26O4	1000344-35-1	50





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Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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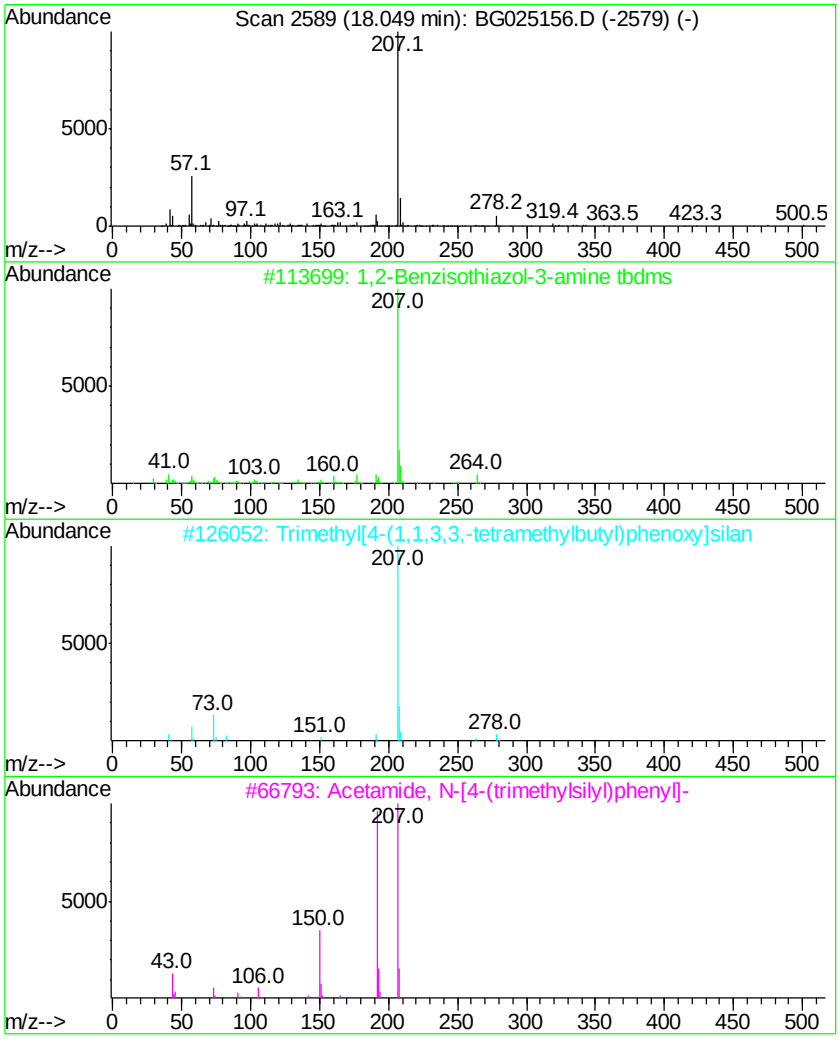
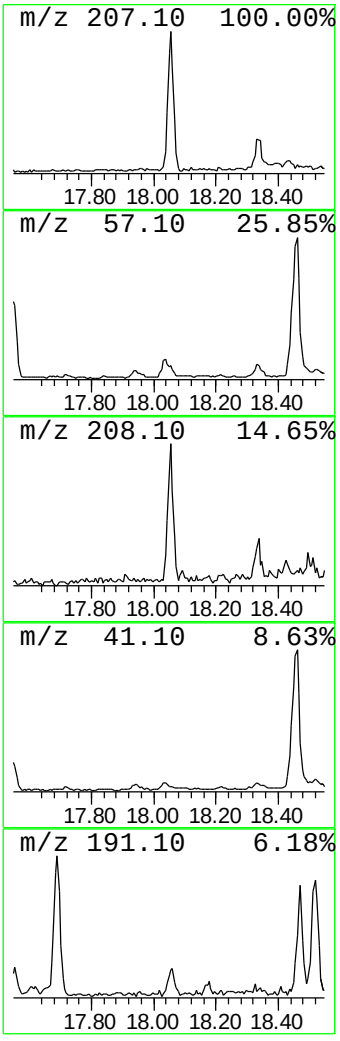
Peak Number 13 1,2-Benzisothiazol-3-amine ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	8.32 ng/ul	631818	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzisothiazol-3-amine tbdms	264	C13H20N2SSi	1000332-57-2	72
2	Trimethyl[4-(1,1,3,3,-tetramethy...	278	C17H30OSi	078721-87-6	72
3	Acetamide, N-[4-(trimethylsilyl)...	207	C11H17NOSi	017983-71-0	59
4	(+-)-5-(1-Acetoxy-1-methylethyl)...	267	C13H21N3O3	108904-53-6	59
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	56





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Misc :
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Instrument : BNA_G
ClientSampleId : P006-PCS-03

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Quant Title : SVOA CALIBRATION

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

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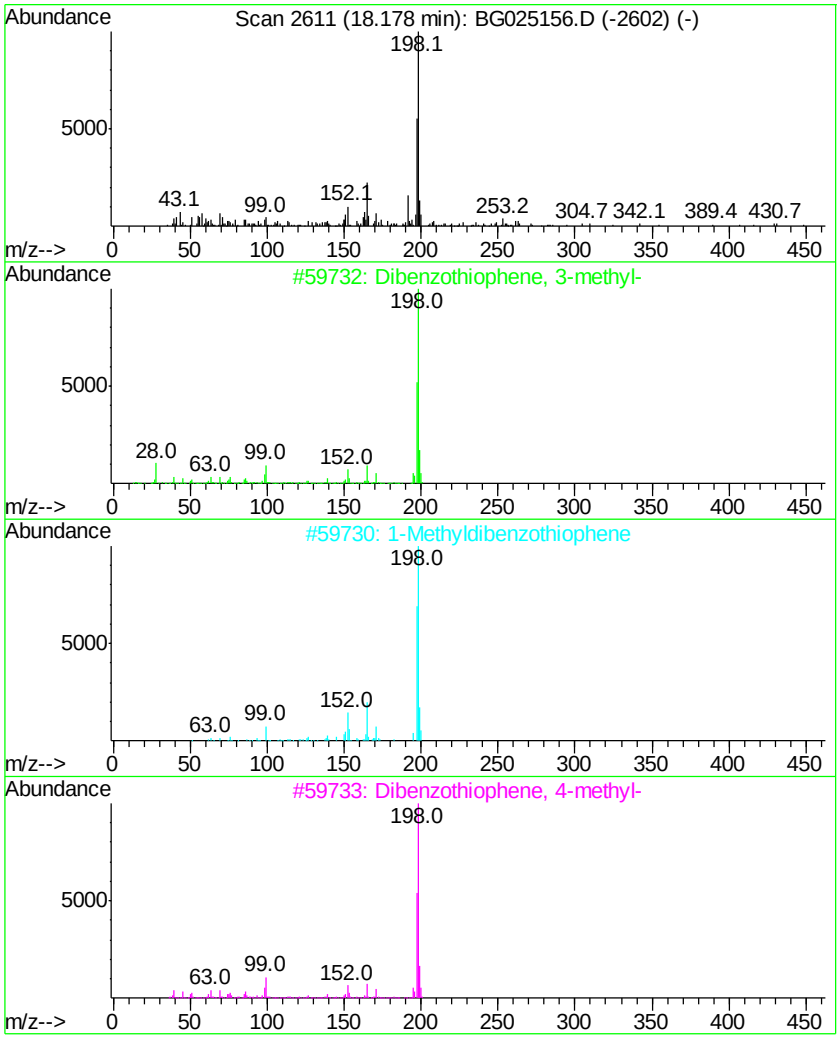
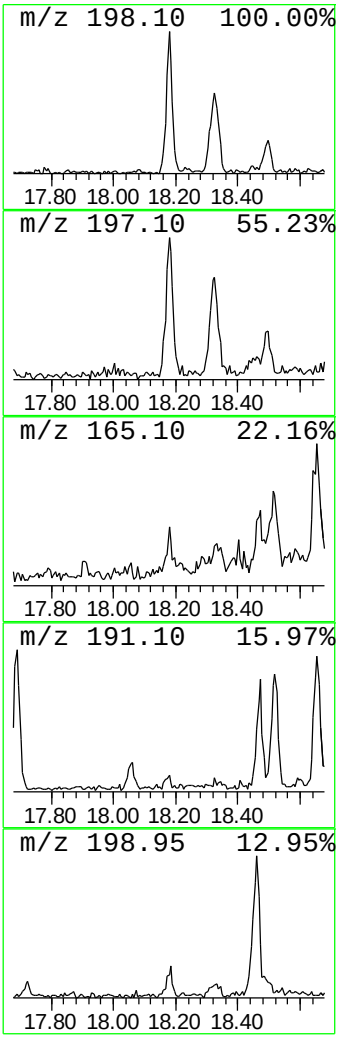
Peak Number 14 Dibenzothiophene, 3-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	3.37 ng/ul	256282	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	74
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	72
4	Tacrine	198	C13H14N2	000321-64-2	53
5	Tacrine	198	C13H14N2	000321-64-2	53





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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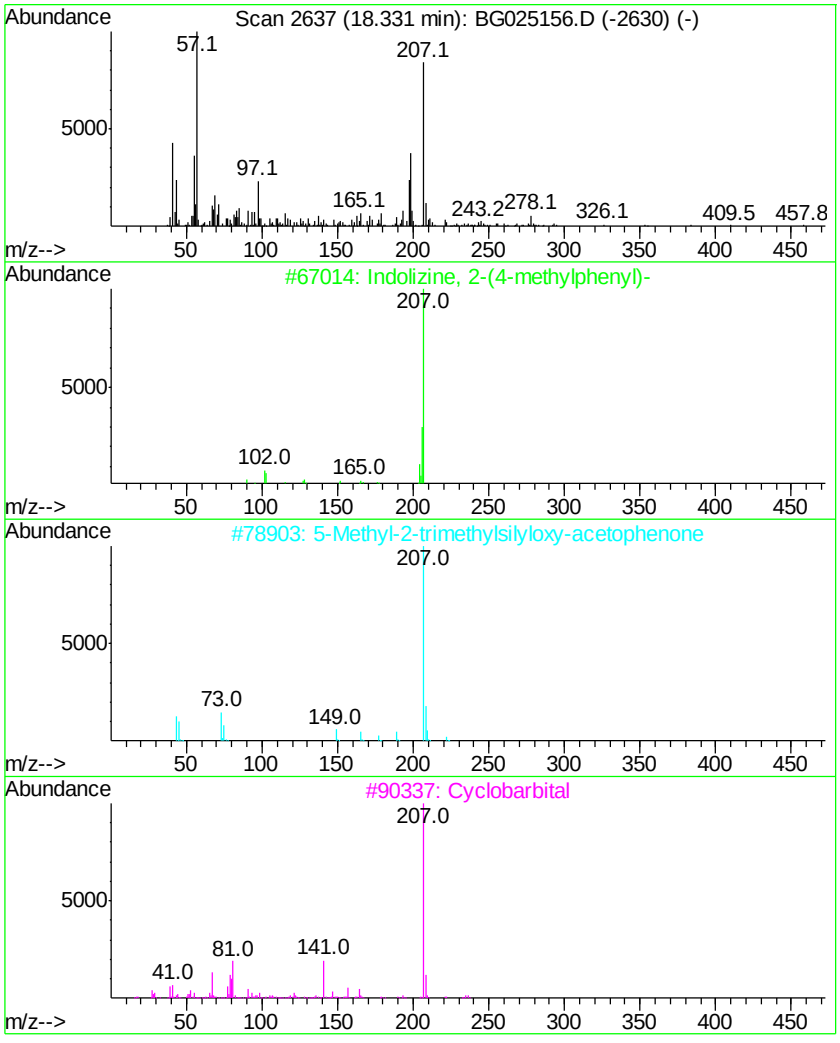
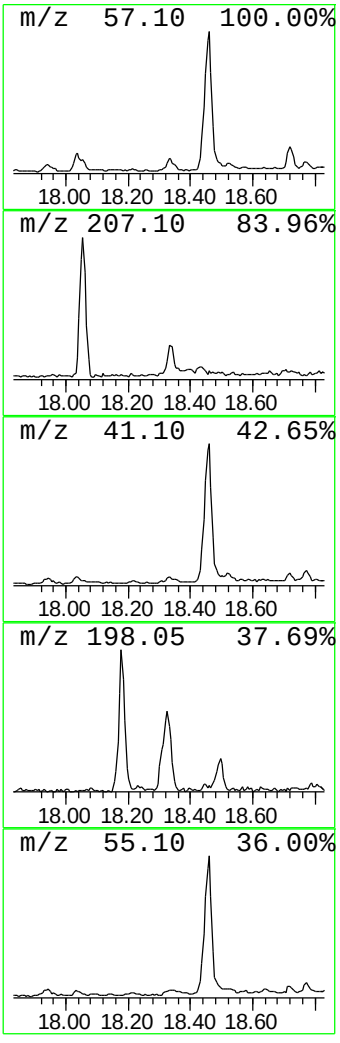
Peak Number 15 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	6.69 ng/ul	507963	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indolizine, 2-(4-methylphenyl)-	207	C15H13N	007496-81-3	38
2	5-Methyl-2-trimethylsilyloxy-ace...	222	C12H18O2Si	097389-69-0	38
3	Cyclobarbital	236	C12H16N2O3	000052-31-3	35
4	1H-Benzo[4,5]furo[3,2-f]indole	207	C14H9NO	000242-97-7	35
5	4-Quinolinecarboxylic acid, 2-ch...	207	C10H6ClNO2	005467-57-2	35





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ClientSampleId : P006-PCS-03

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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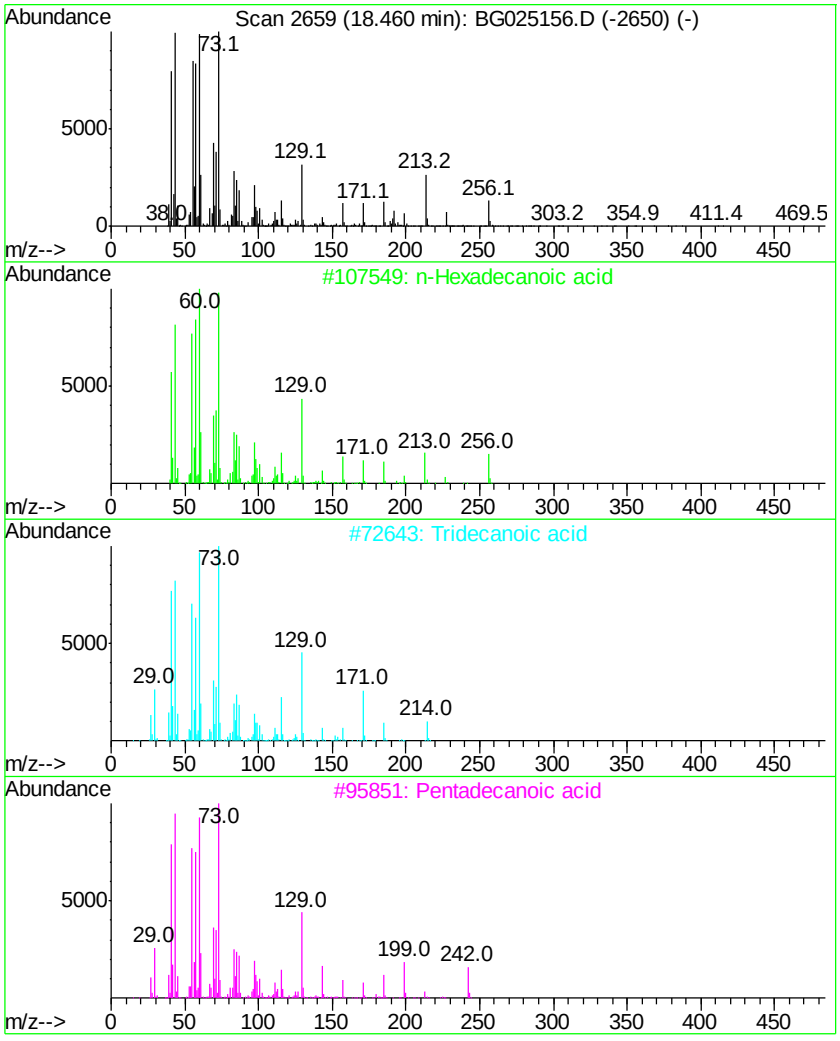
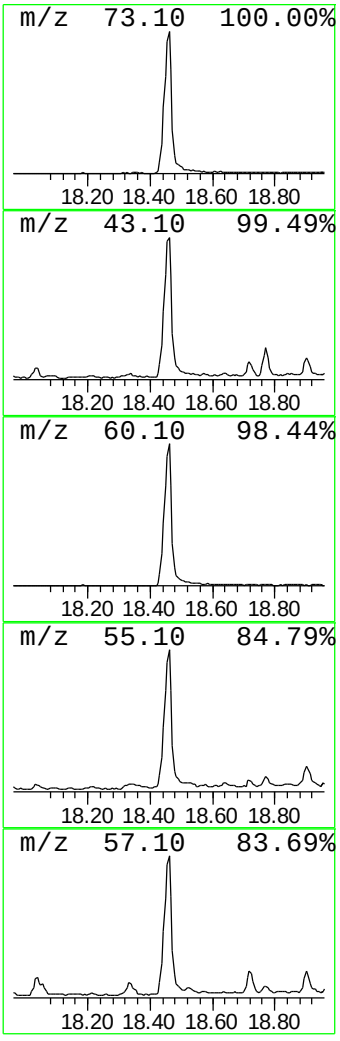
Peak Number 16 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	97.59 ng/ul	7412760	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70





Library Search Compound Report

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Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

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Quant Title : SVOA CALIBRATION

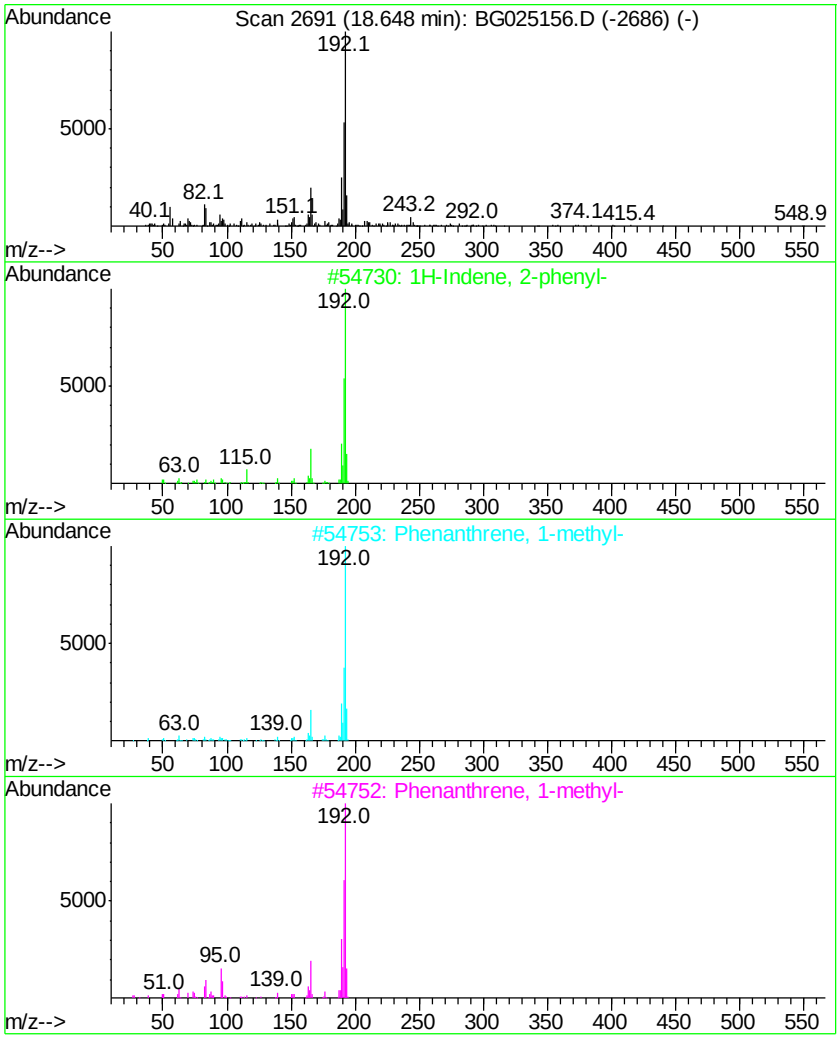
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

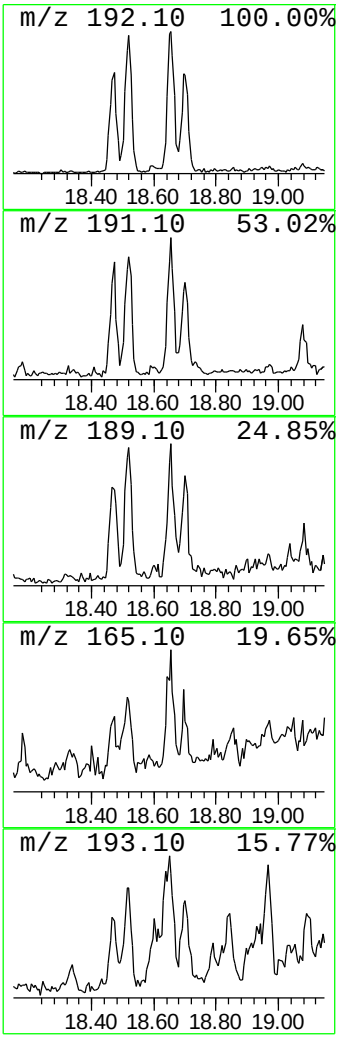
****

Peak Number 17 1H-Indene, 2-phenyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	5.82 ng/ul	441947	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90





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Instrument : BNA_G
ClientSampleId : P006-PCS-03

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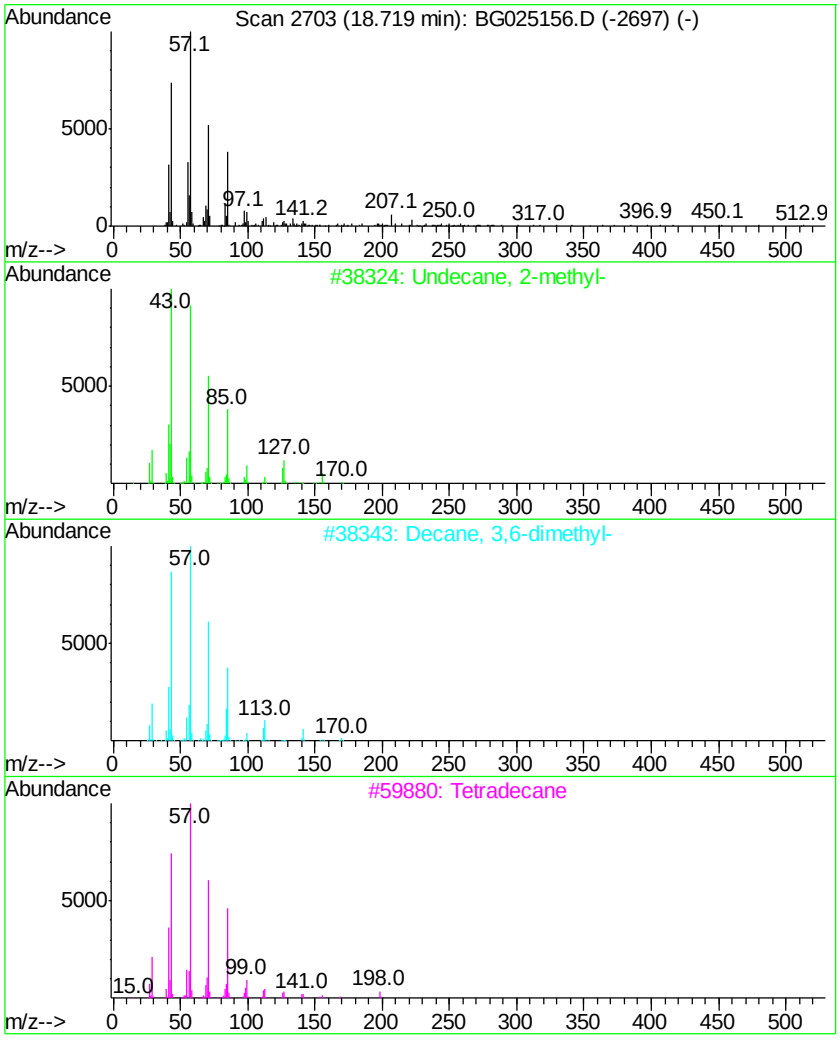
Quant Title : SVOA CALIBRATION

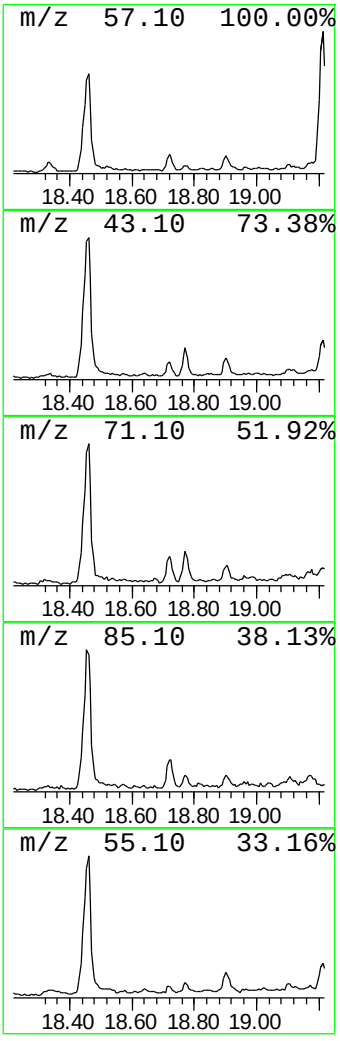
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	5.33 ng/ul	404846	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	87
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
5	Octacosane	394	C28H58	000630-02-4	80





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Instrument : BNA_G
ClientSampleId : P006-PCS-03

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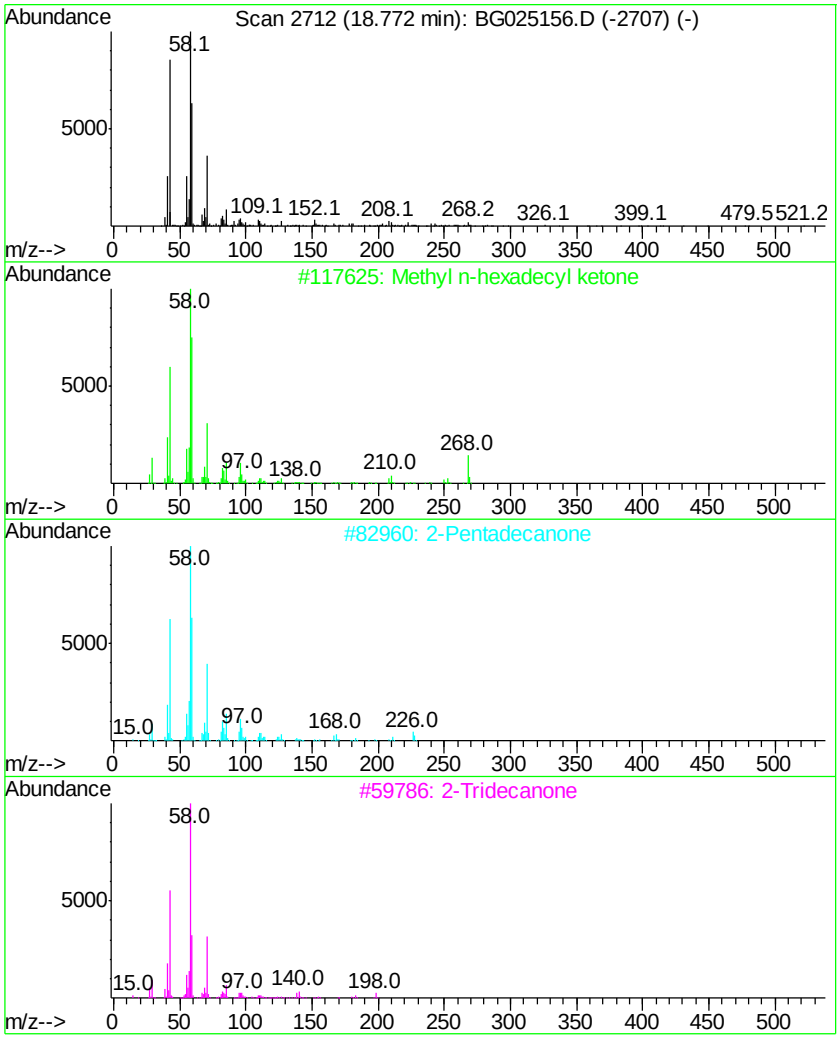
Quant Title : SVOA CALIBRATION

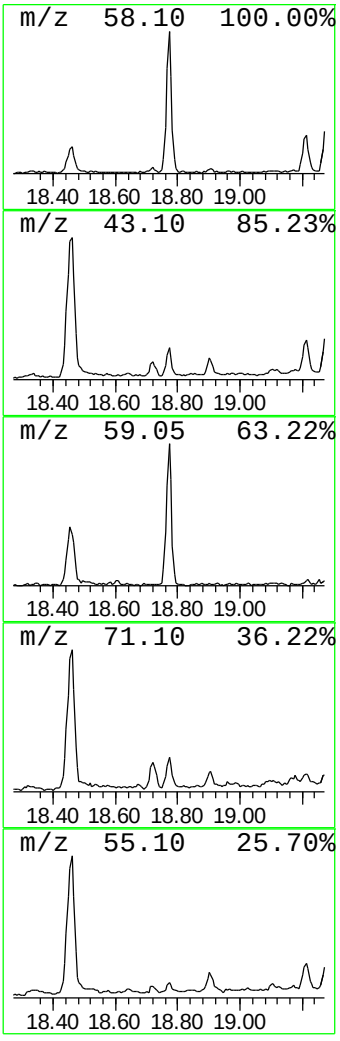
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Methyl n-hexadecyl ketone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	6.67 ng/ul	506653	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl n-hexadecyl ketone	268	C18H36O	007373-13-9	86
2	2-Pentadecanone	226	C15H30O	002345-28-0	72
3	2-Tridecanone	198	C13H26O	000593-08-8	59
4	2-Decanone	156	C10H20O	000693-54-9	59
5	2-Dodecanone	184	C12H24O	006175-49-1	59





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Instrument : BNA_G
ClientSampleId : P006-PCS-03

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Quant Title : SVOA CALIBRATION

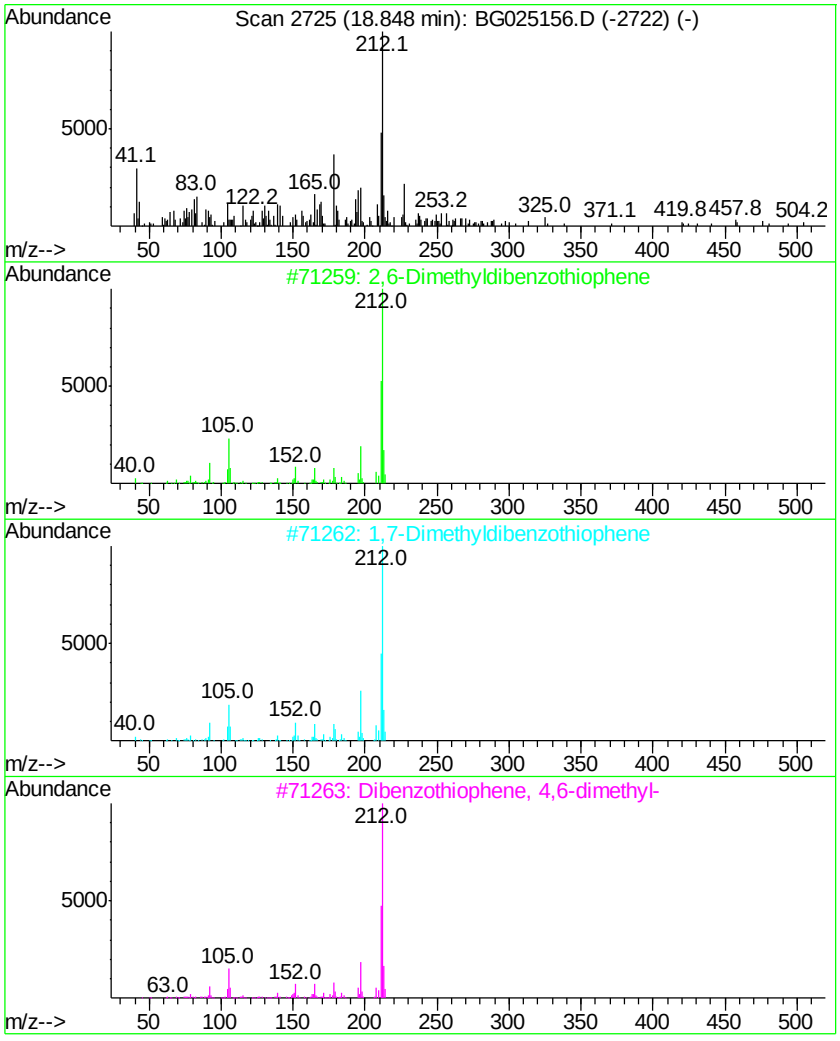
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

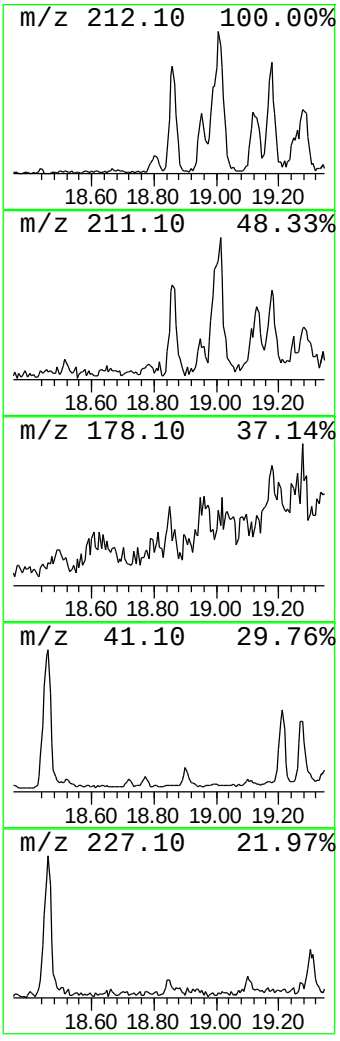
****

Peak Number 20 2,6-Dimethyldibenzothiophene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	2.30 ng/ul	174587	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	90
2	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	87
3	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	87
4	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	83
5	Acridin-9-amine, 1,2,3,4-tetrahy...	212	C14H16N2	005778-78-9	80





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Quant Title : SVOA CALIBRATION

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

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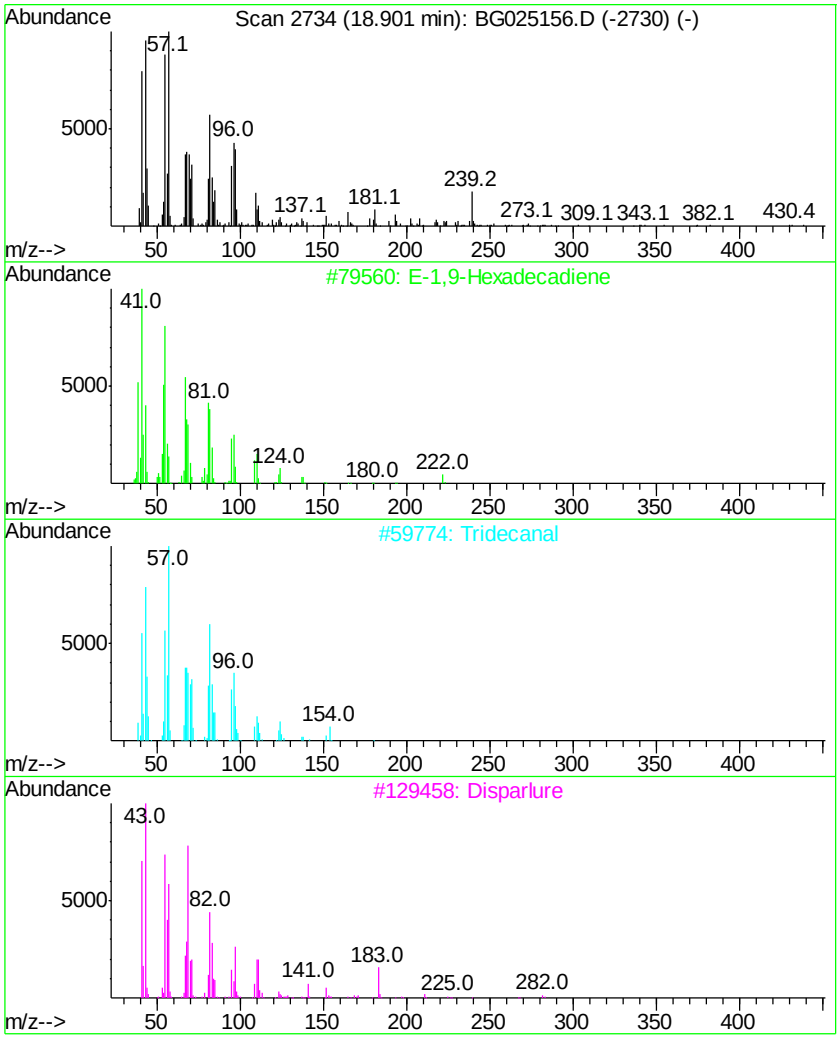
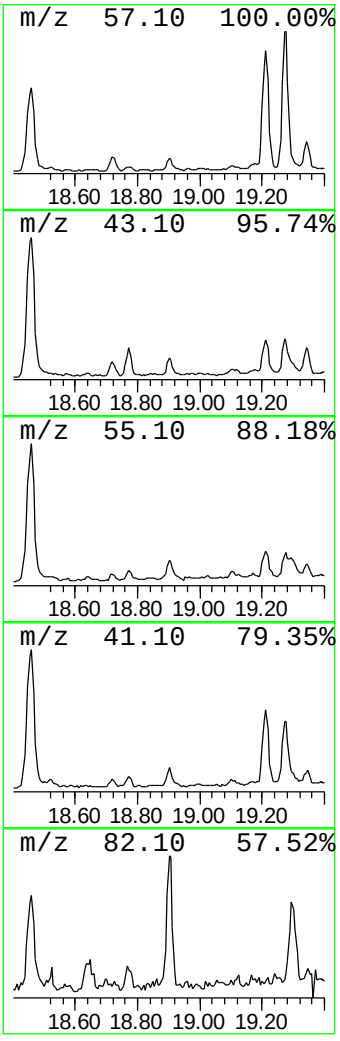
Peak Number 21 E-1,9-Hexadecadiene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	9.05 ng/ul	687696	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-1,9-Hexadecadiene	222	C16H30	1000245-71-4	70
2	Tridecanal	198	C13H26O	010486-19-8	64
3	Disparlure	282	C19H38O	029804-22-6	53
4	trans-2-Dodecen-1-ol	184	C12H24O	069064-37-5	52
5	Tetradecanal	212	C14H28O	000124-25-4	52





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Instrument : BNA_G
ClientSampleId : P006-PCS-03

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Quant Title : SVOA CALIBRATION

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

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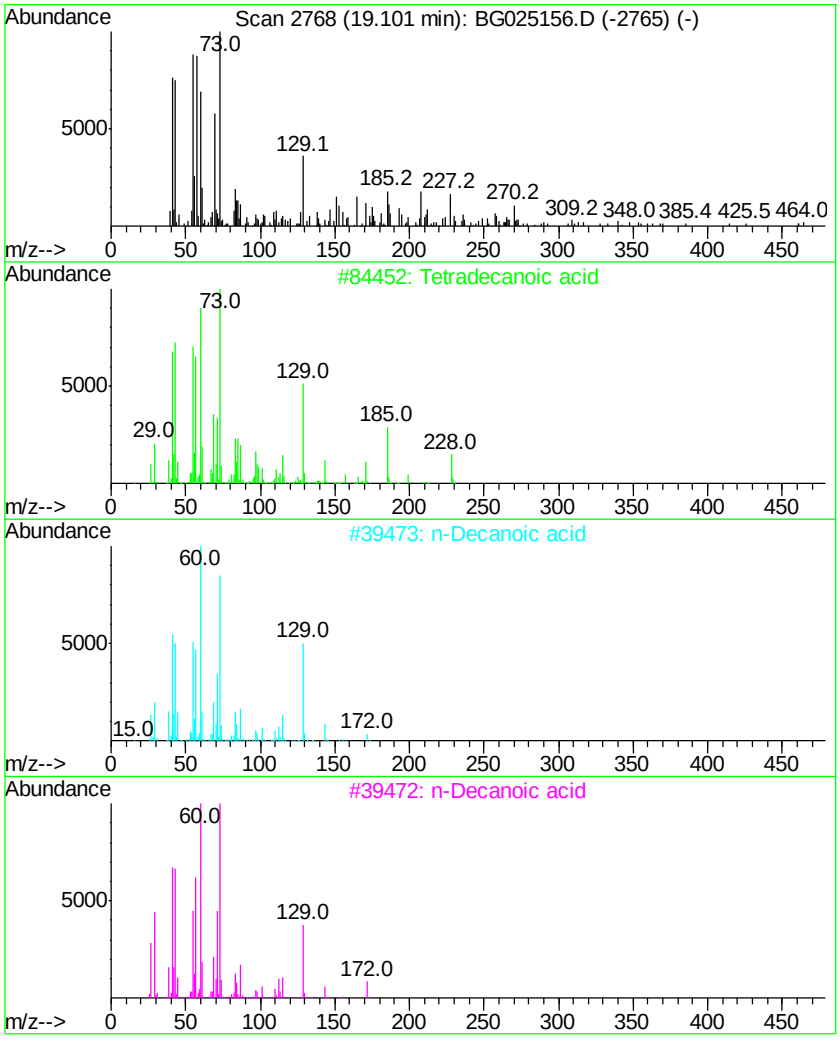
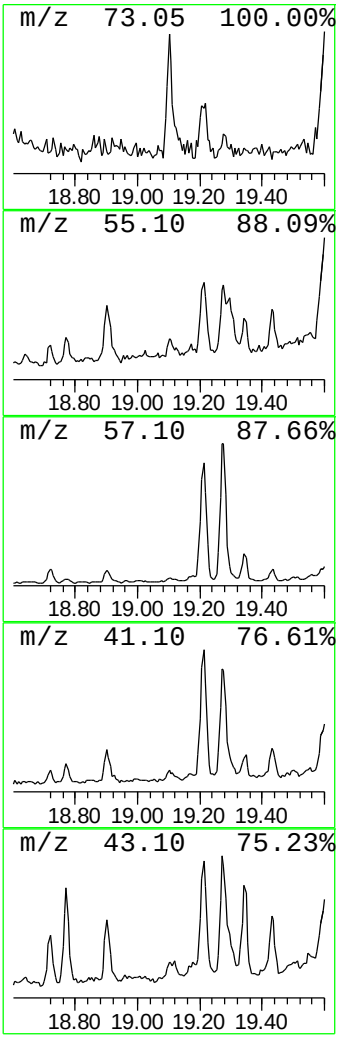
Peak Number 22 unknown-04 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	3.14 ng/ul	238452	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
2	n-Decanoic acid	172	C10H20O2	000334-48-5	42
3	n-Decanoic acid	172	C10H20O2	000334-48-5	42
4	Nonanoic acid	158	C9H18O2	000112-05-0	38
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	32





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Instrument : BNA_G
ClientSampleId : P006-PCS-03

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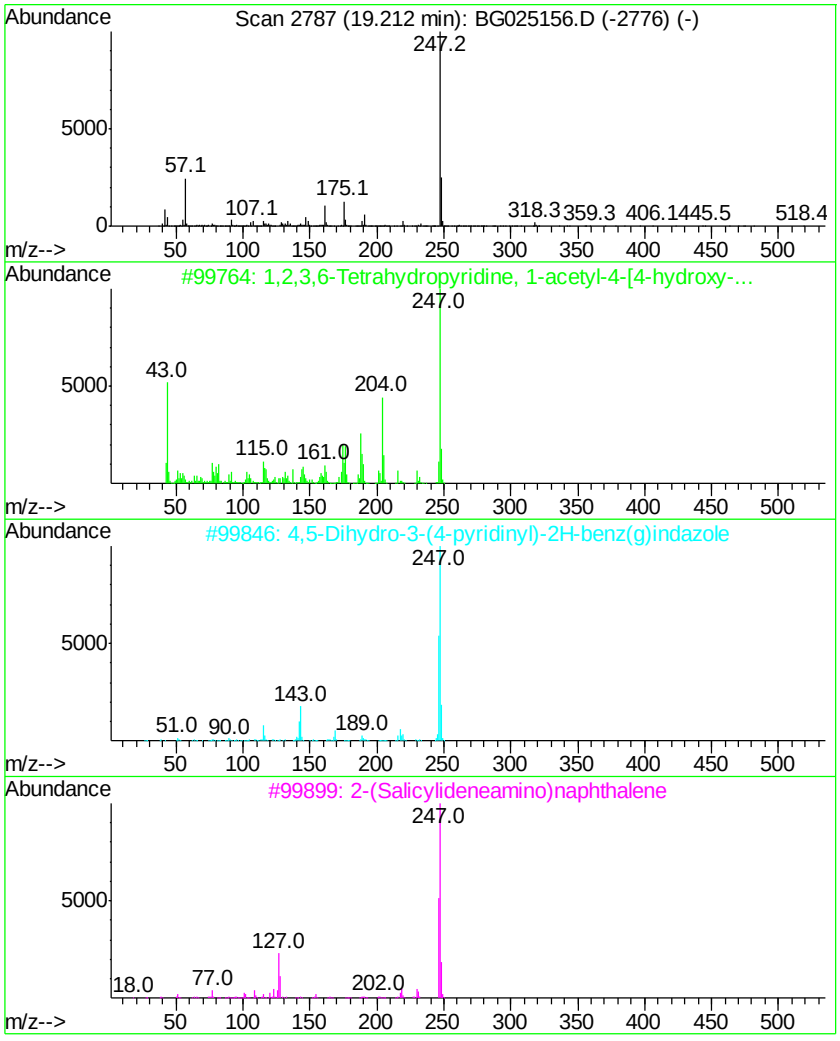
Quant Title : SVOA CALIBRATION

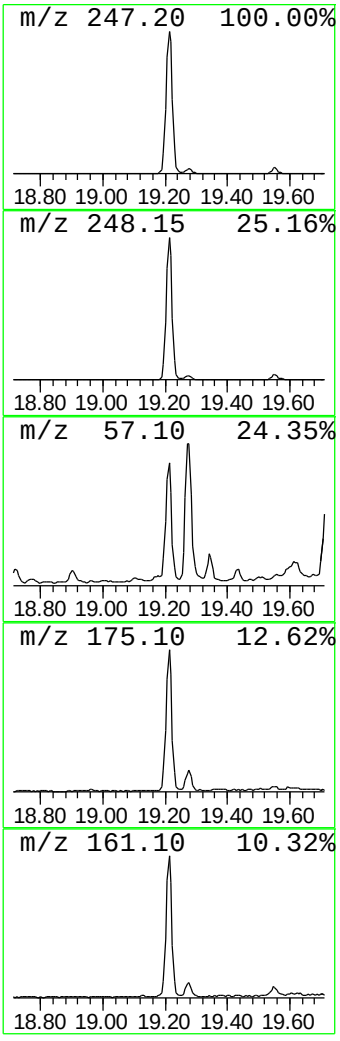
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1,2,3,6-Tetrahydropyridine,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	96.54 ng/ul	7333230	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,6-Tetrahydropyridine, 1-ac...	247	C14H17NO3	094427-34-6	56
2	4,5-Dihydro-3-(4-pyridinyl)-2H-b...	247	C16H13N3	052837-55-5	42
3	2-(Salicylideneamino)naphthalene	247	C17H13NO	001689-72-1	42
4	Phenol, 2,4,6-tris(1,1-dimethyle...	262	C18H30O	000732-26-3	40
5	5H-Pyrrolo[1,2-a]azepine-1-carbo...	247	C13H17N3O2	1000351-37-6	38





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Instrument : BNA_G
ClientSampleId : P006-PCS-03

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Quant Title : SVOA CALIBRATION

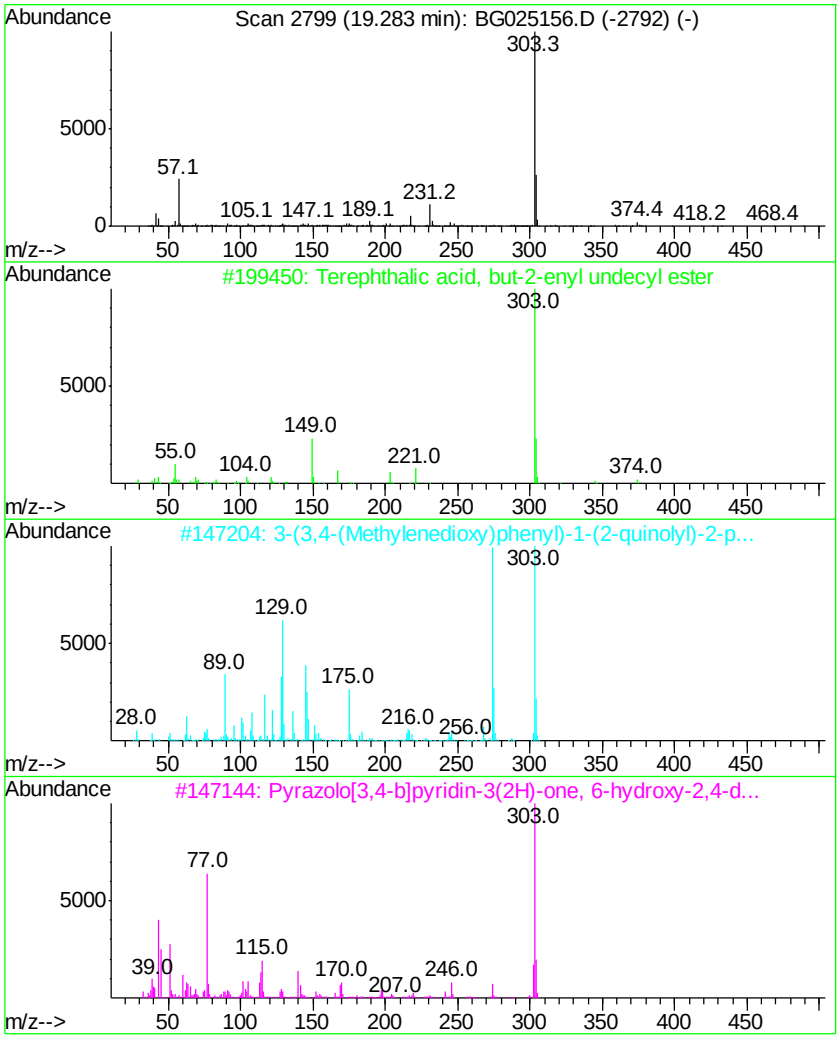
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

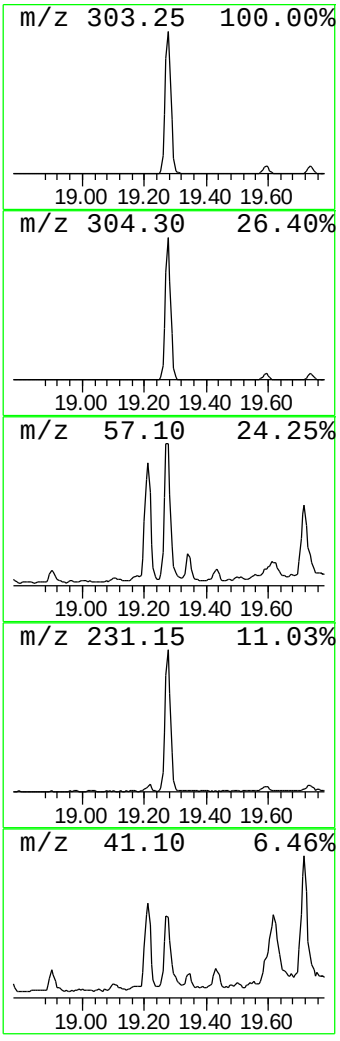
****

Peak Number 24 Terephthalic acid, but-2-en... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	86.66 ng/ul	6582320	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terephthalic acid, but-2-enyl un...	374	C23H34O4	1000356-31-9	64
2	3-(3,4-(Methylenedioxy)phenyl)-1...	303	C19H13NO3	016245-22-0	59
3	Pyrazolo[3,4-b]pyridin-3(2H)-one...	303	C18H13N3O2	071290-82-9	50
4	Isophthalic acid, 3,5-difluoroph...	432	C25H30F2O4	1000344-37-8	42
5	N-Acridin-9-yl-N'-(4-fluoro-phen...	303	C19H14FN3	1000318-06-7	39





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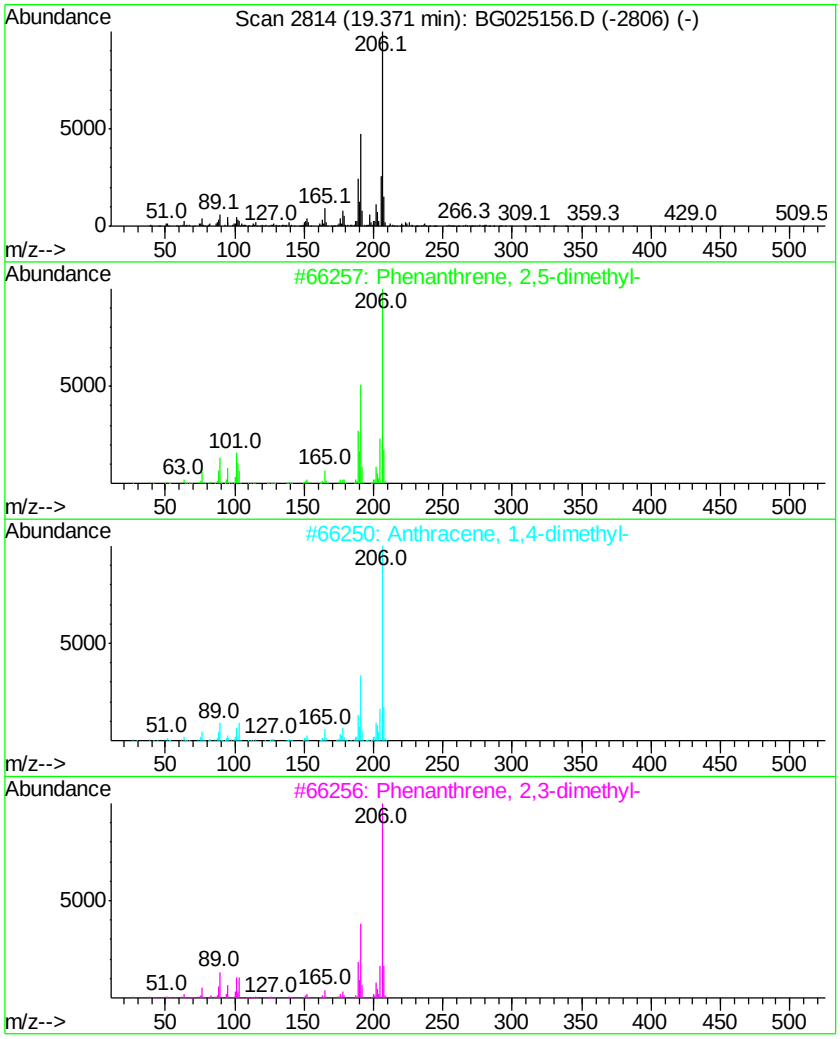
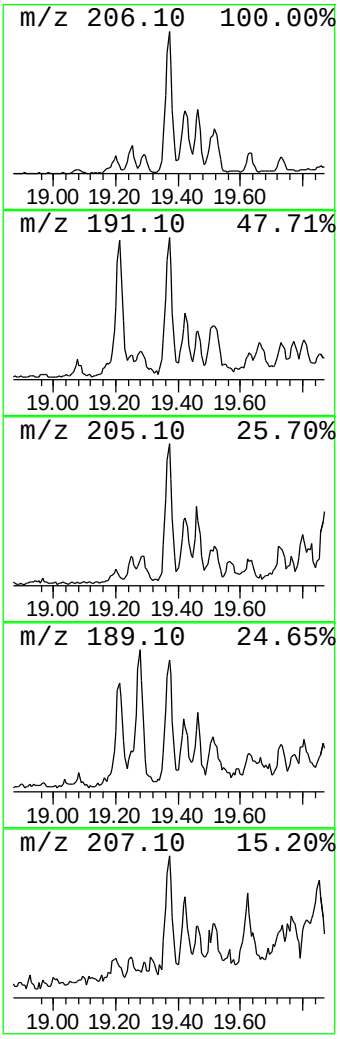
****

Peak Number 25 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	21.64 ng/ul	1643420	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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ClientSampleId : P006-PCS-03

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Quant Title : SVOA CALIBRATION

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

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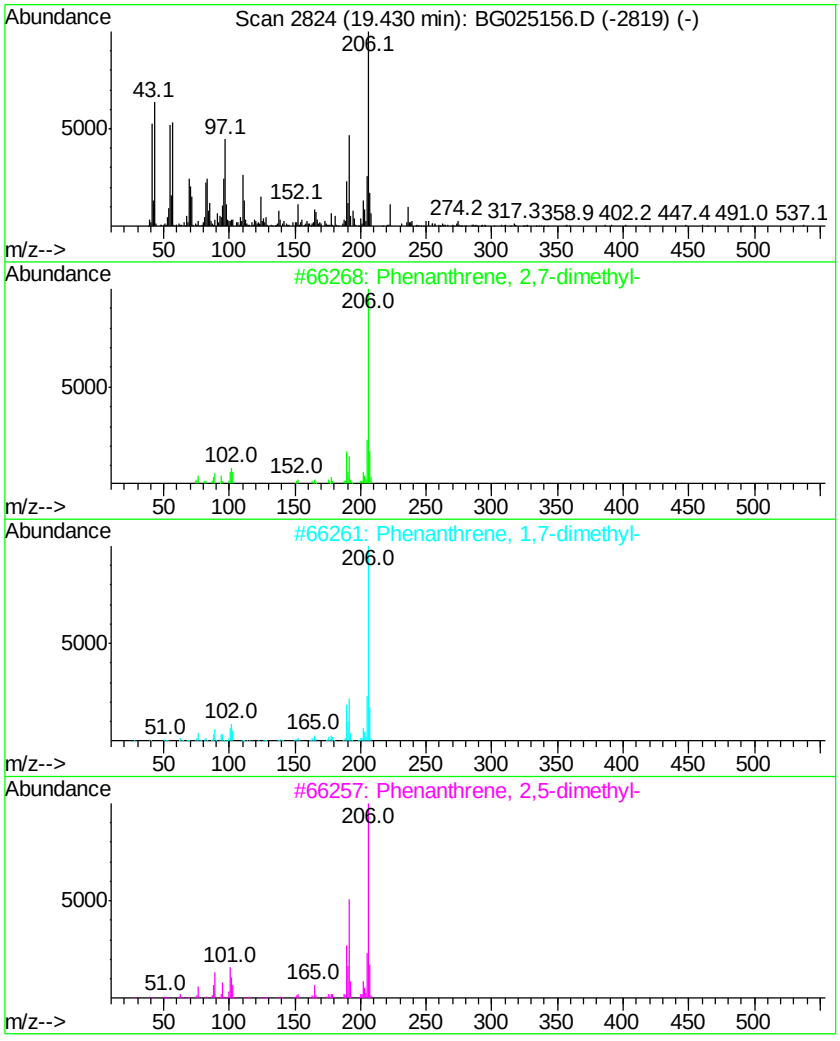
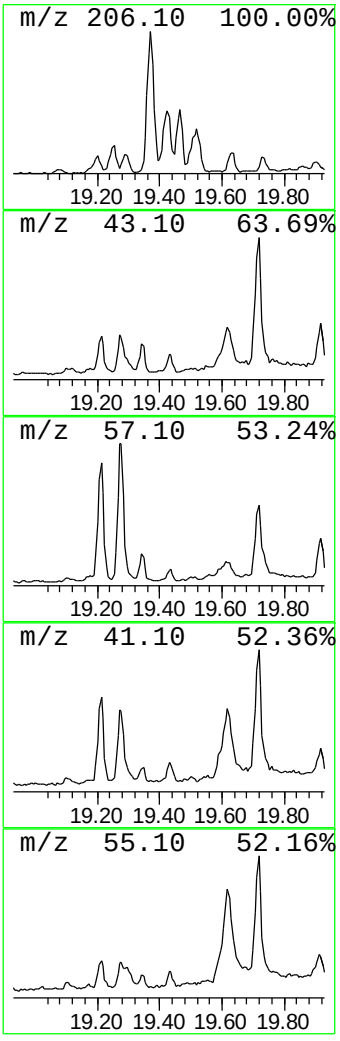
Peak Number 26 Phenanthrene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	11.88 ng/ul	902015	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	50
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	50
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	49
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	49
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	47





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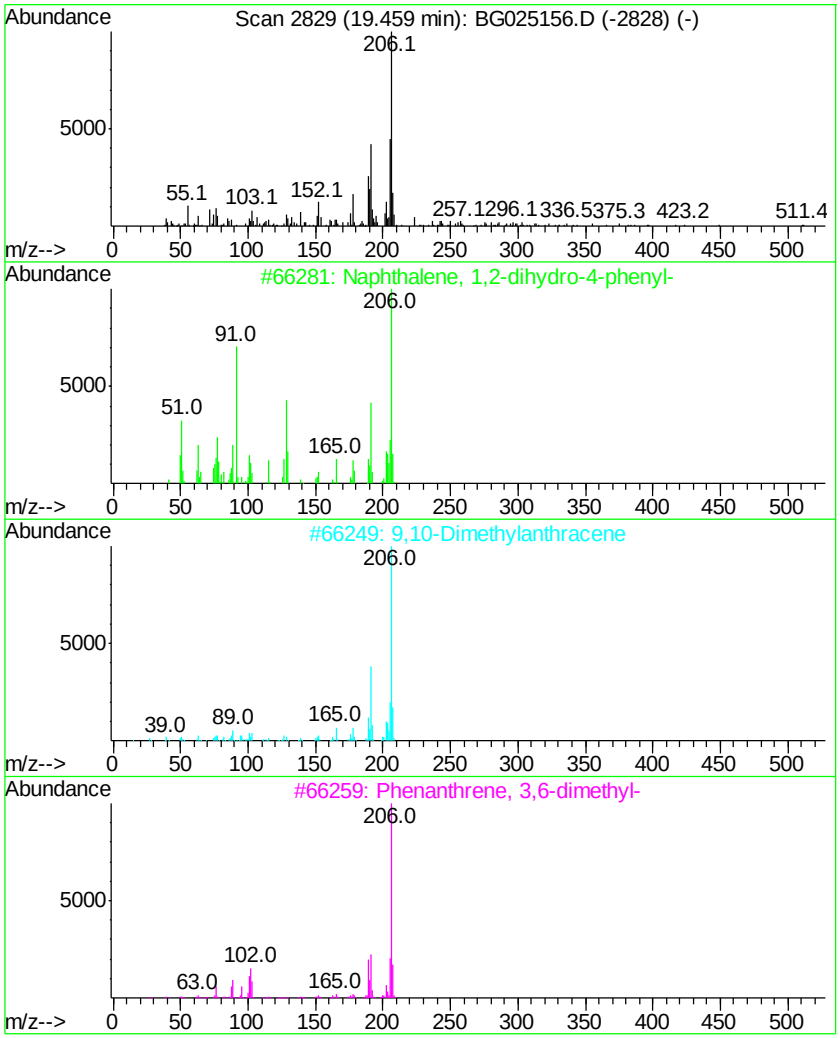
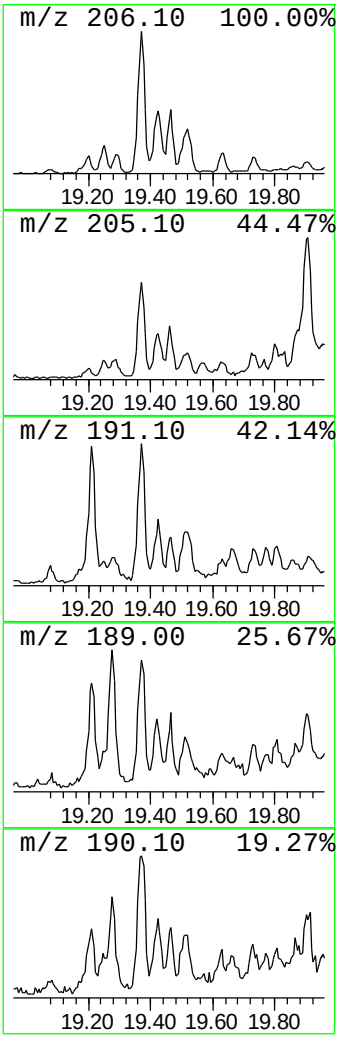
****
Peak Number 27 Naphthalene, 1,2-dihydro-4-... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	2.60 ng/ul	197316	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	68
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	59





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

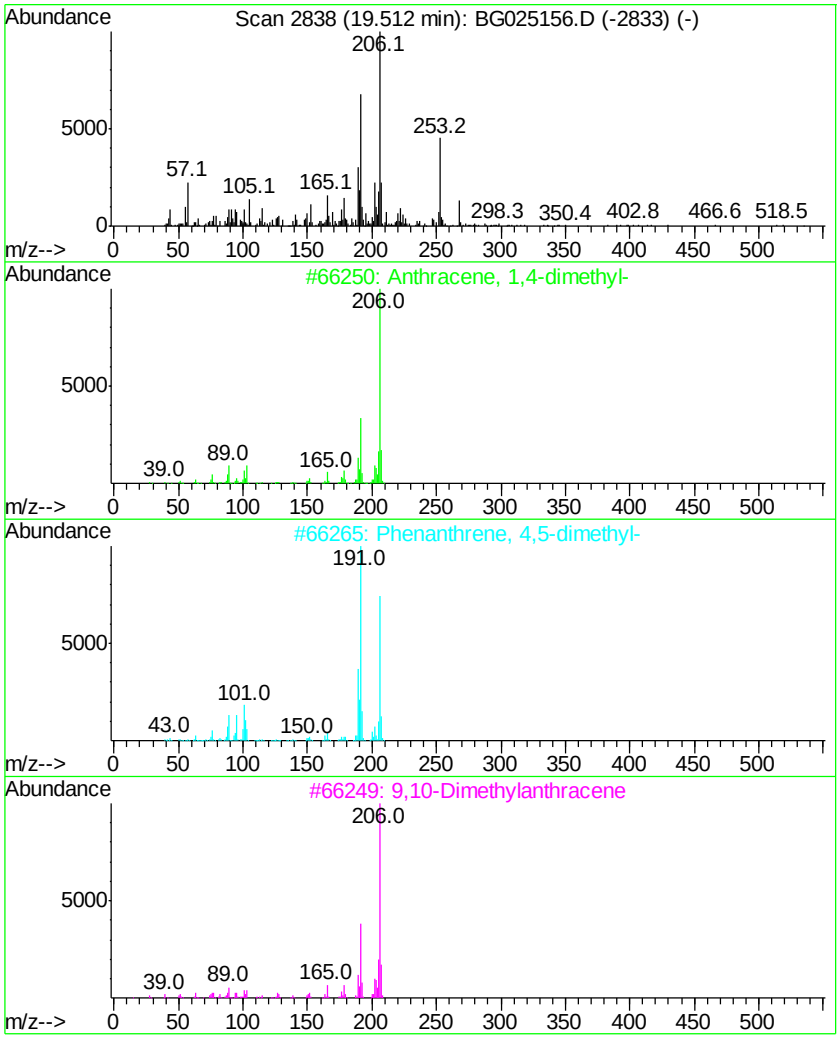
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

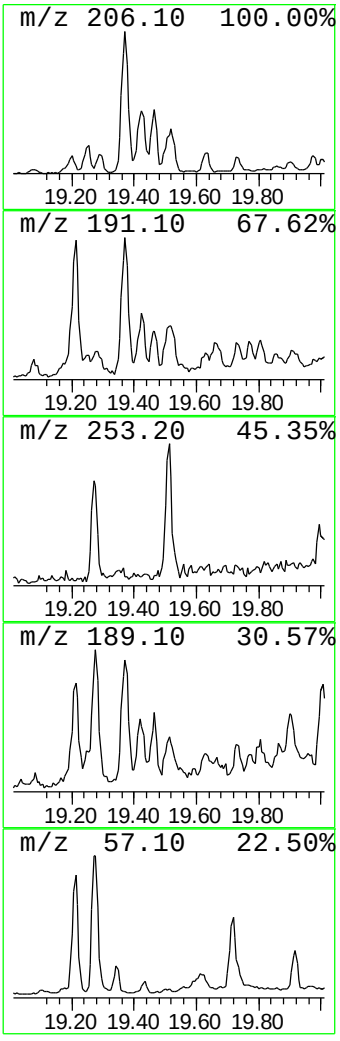
****

Peak Number 28 Anthracene, 1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	8.70 ng/ul	660768	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	78
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	60
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	60





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025156.D
Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

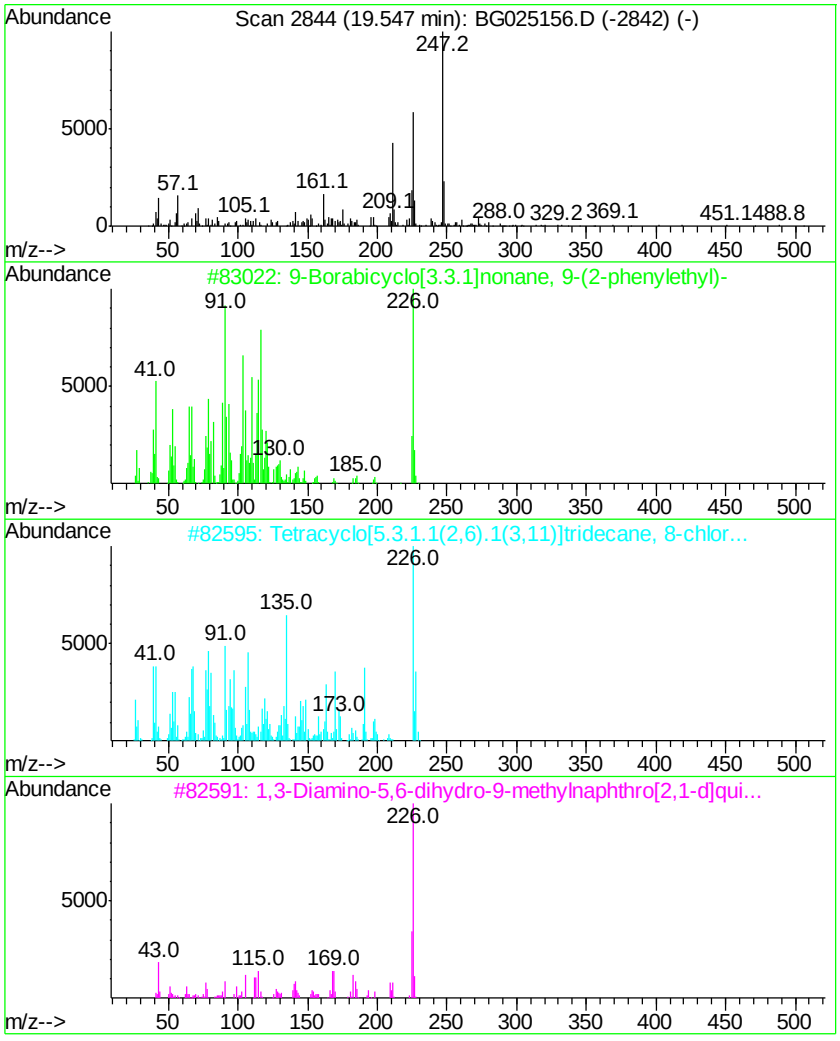
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

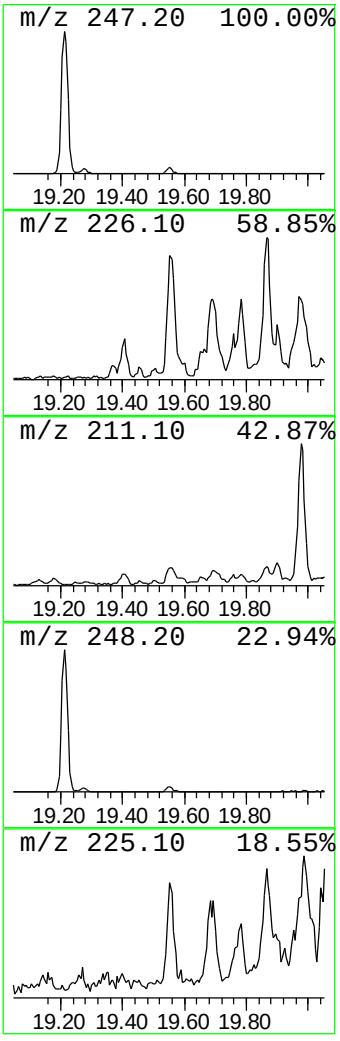
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 9-Borabicyclo[3.3.1]nonane,... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	4.90 ng/ul	372017	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-(2...	226	C16H23B	067753-90-6	60
2	Tetracyclo[5.3.1.1(2,6).1(3,11)]...	226	C13H19ClO	1000185-11-5	53
3	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	38
4	Isophthalic acid, 2-chlorophenyl...	374	C21H23ClO4	1000344-49-9	38
5	2-Phenoxathiinamine-10,10-dioxide	247	C12H9NO3S	010274-13-2	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025156.D
Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

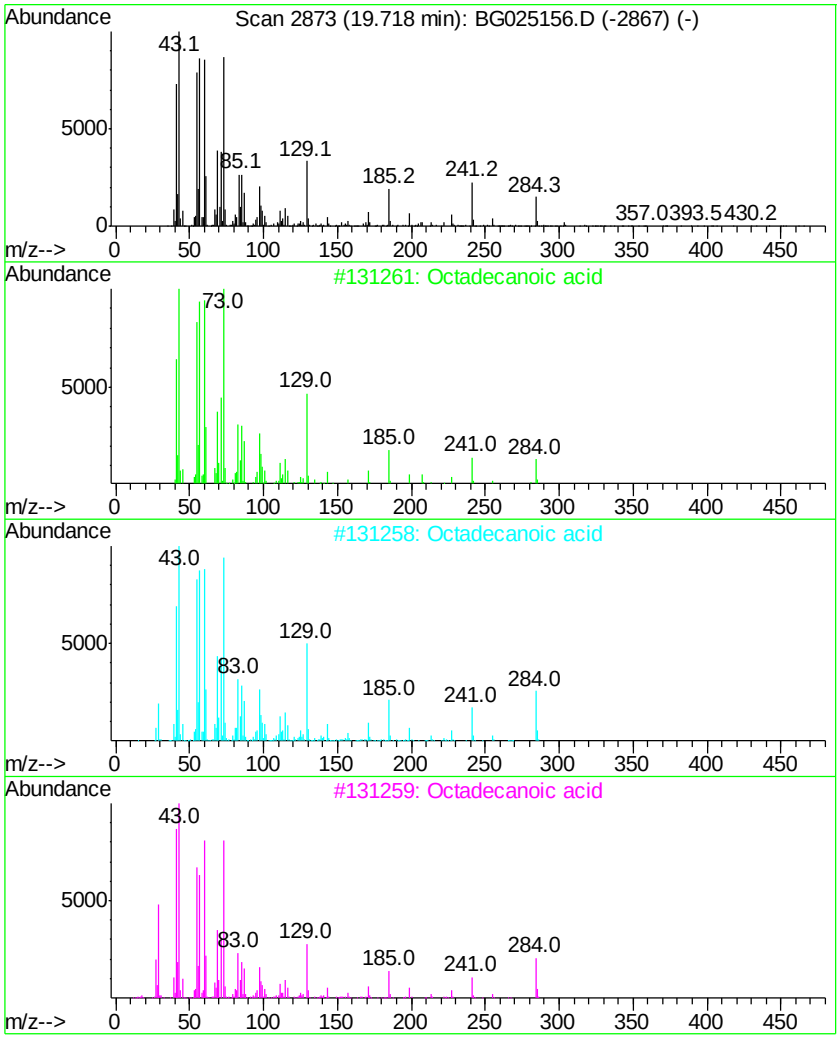
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

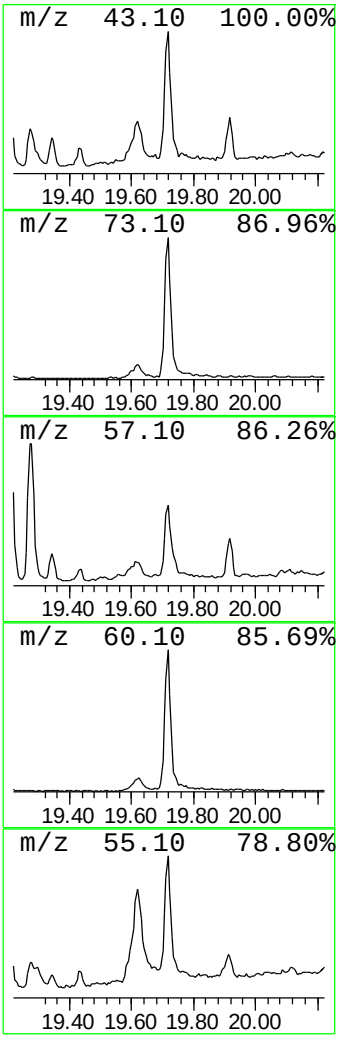
****

Peak Number 30 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	61.71 ng/ul	4687490	Phenanthrene-d10	17.60

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025156.D
Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

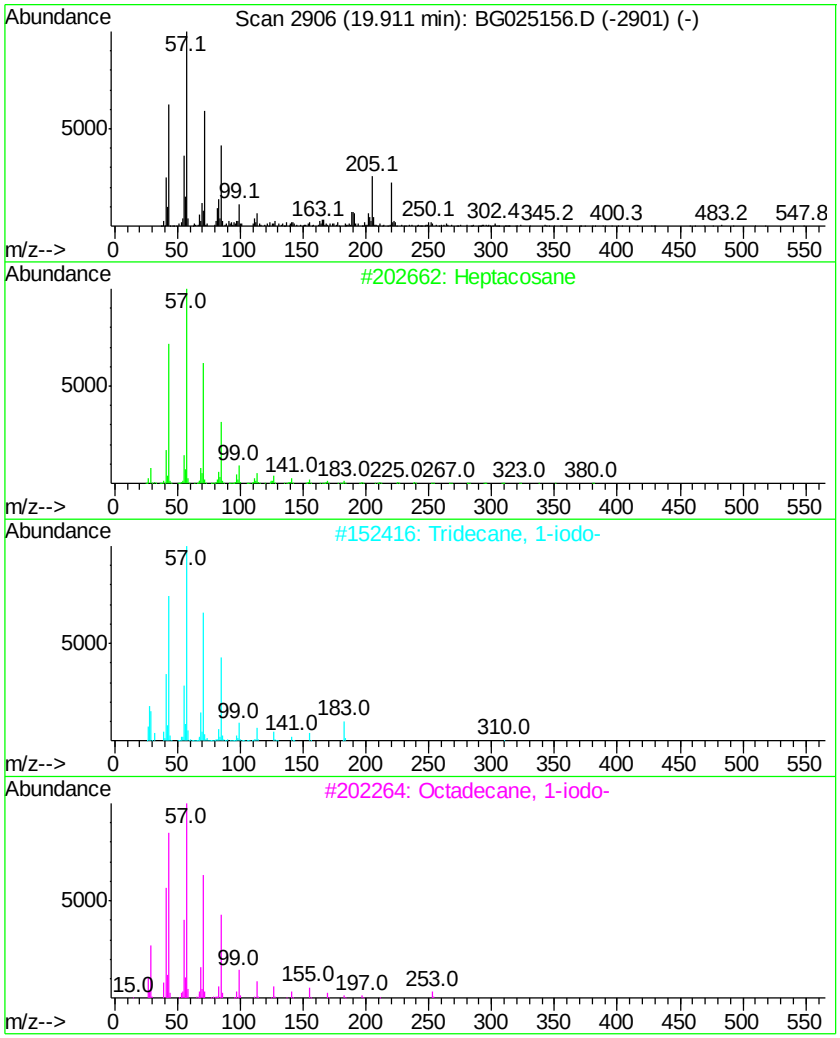
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

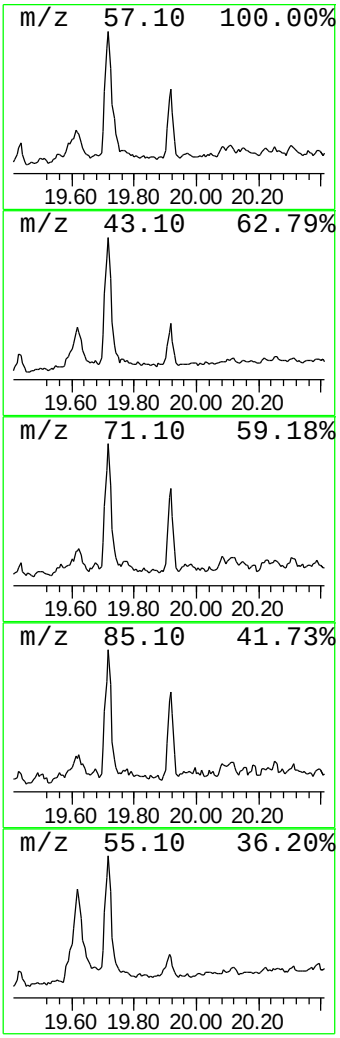
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	8.41 ng/ul	1561710	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	70
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	52
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	52
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025156.D
Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

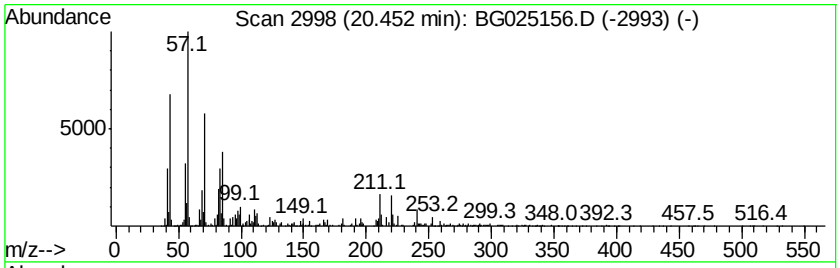
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

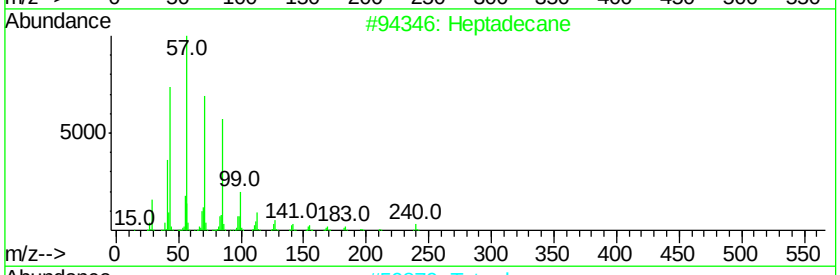
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

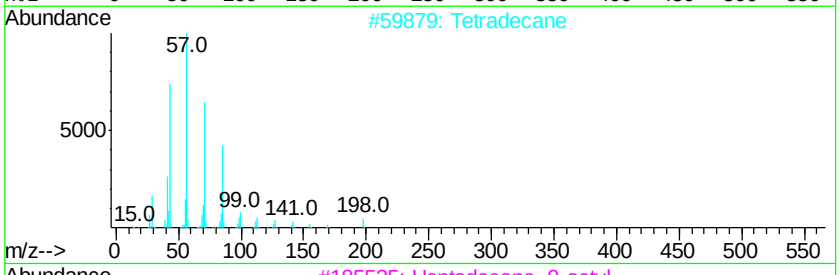
****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 22

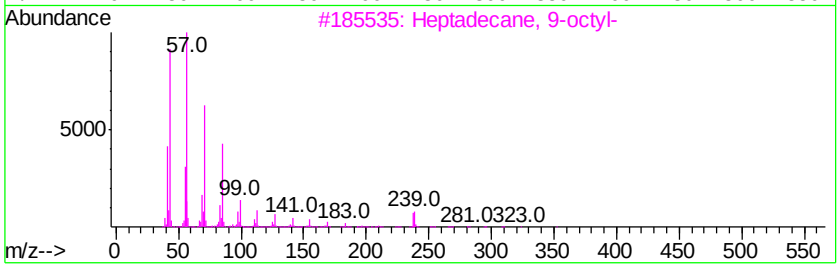
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	6.86 ng/ul	1273500	Chrysene-d12	21.90

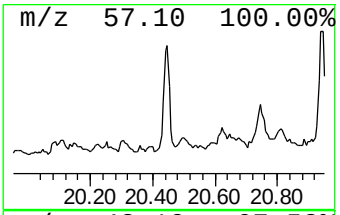
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tetradecane	198	C14H30	000629-59-4	72
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	72
5	Heptadecane	240	C17H36	000629-78-7	70

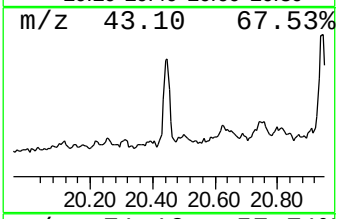


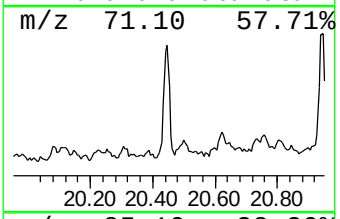


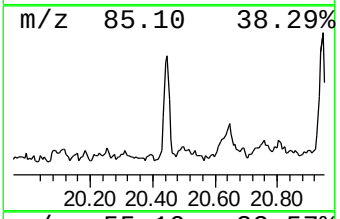


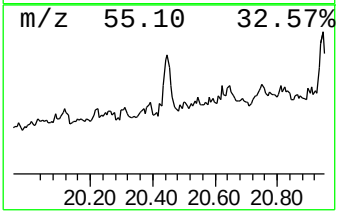












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025156.D
Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

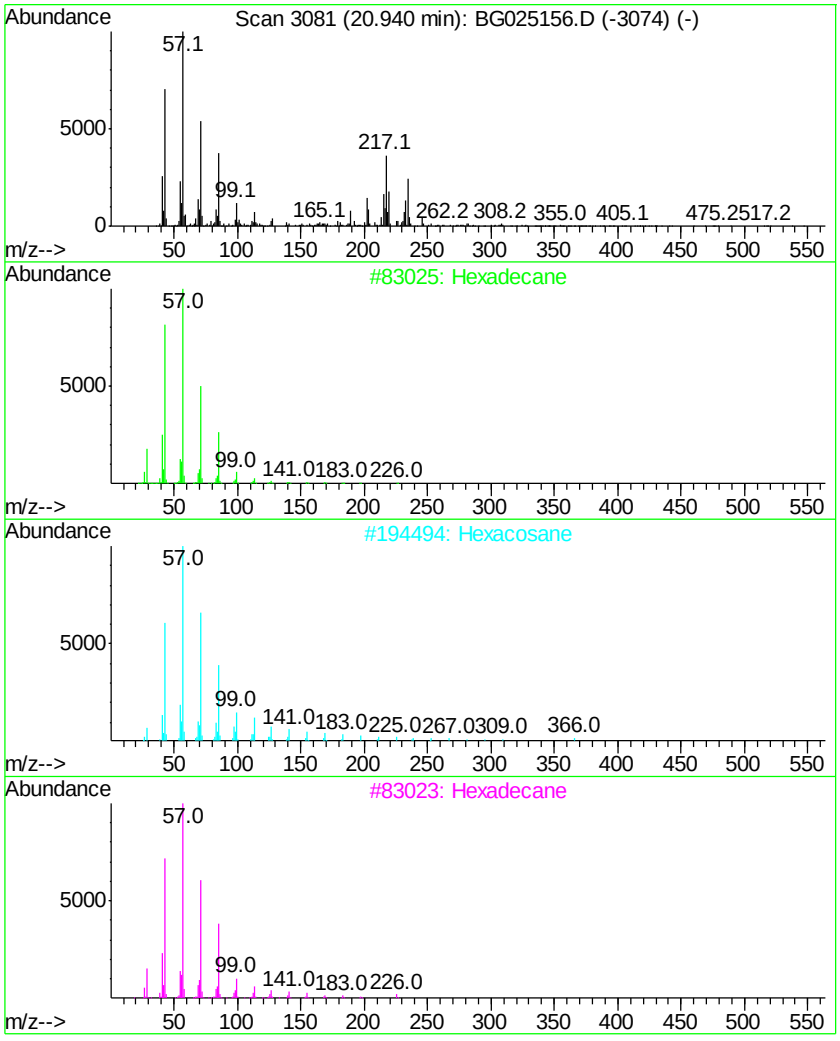
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

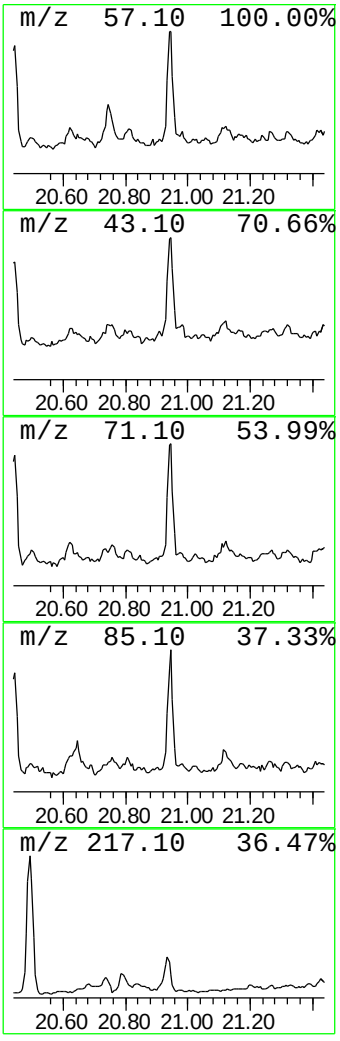
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	12.41 ng/ul	2303740	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Hexacosane	366	C26H54	000630-01-3	58
3	Hexadecane	226	C16H34	000544-76-3	55
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	51
5	Hexadecane	226	C16H34	000544-76-3	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
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Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

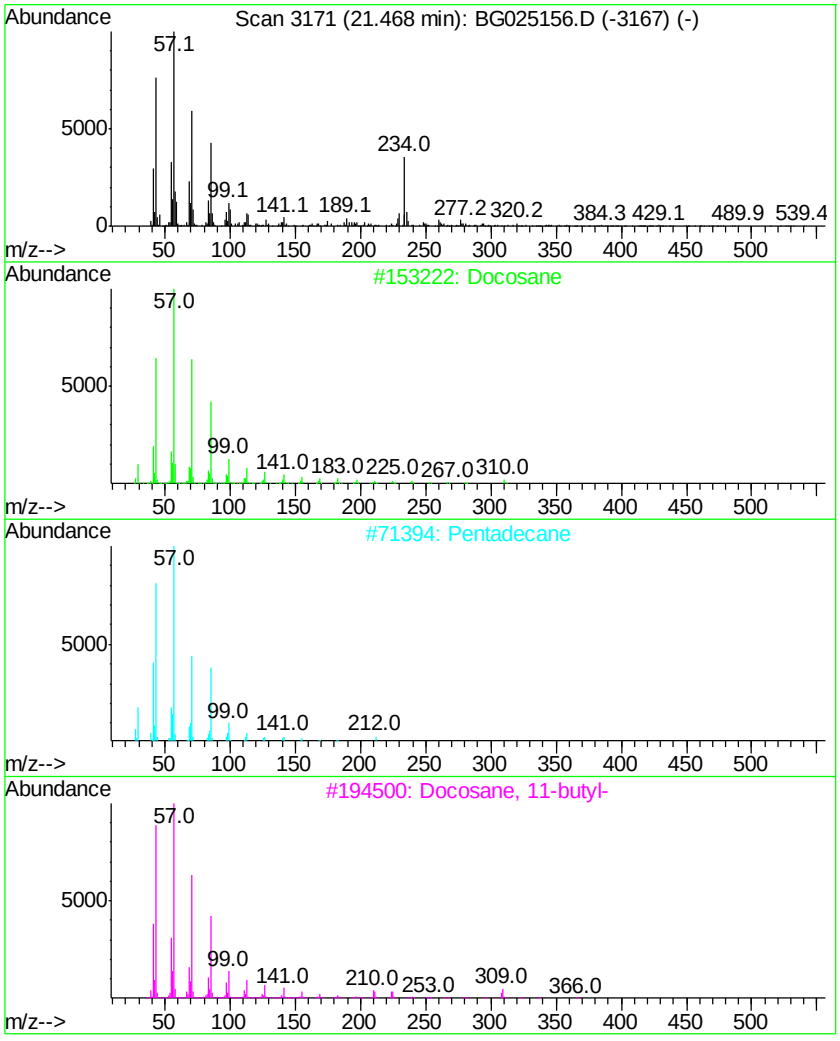
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

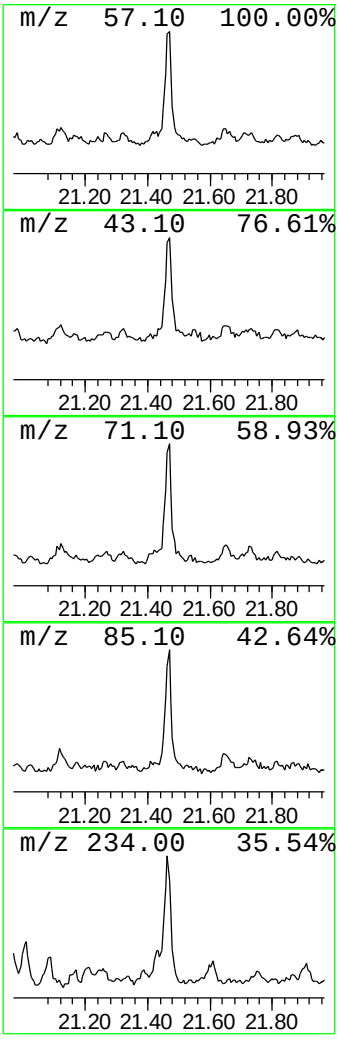
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	15.09 ng/ul	2801410	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	64
2	Pentadecane	212	C15H32	000629-62-9	64
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	64
4	Octacosane	394	C28H58	000630-02-4	58
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
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Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

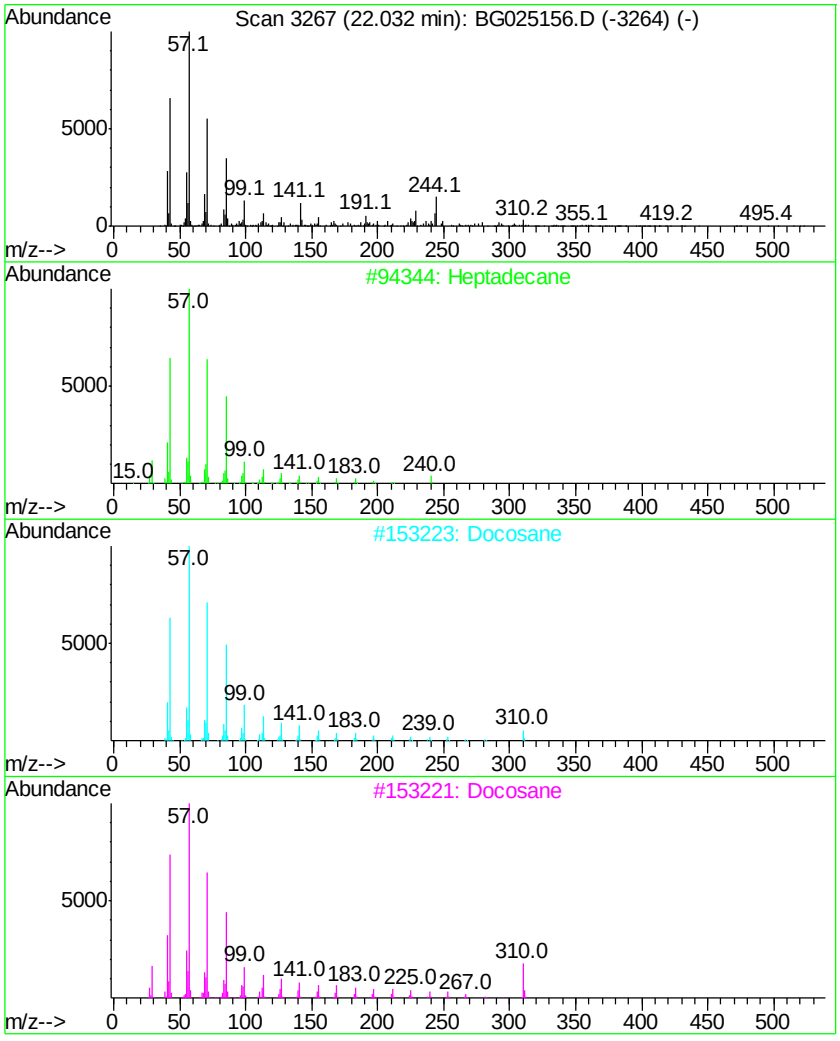
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

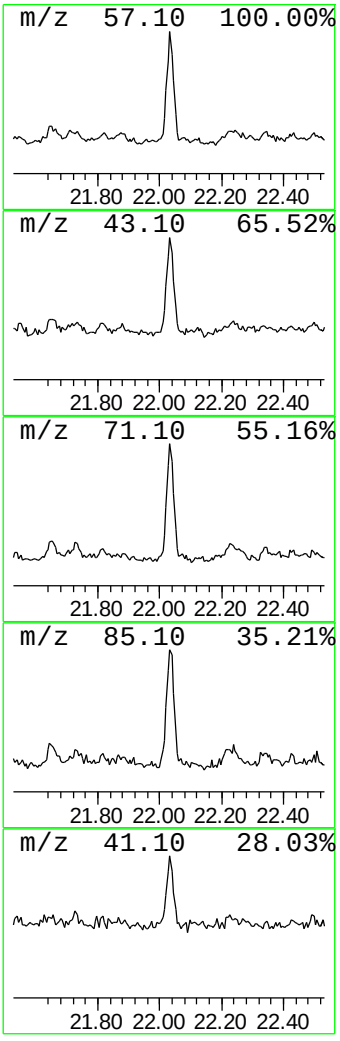
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	9.61 ng/ul	1784090	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Docosane	310	C22H46	000629-97-0	81
3	Docosane	310	C22H46	000629-97-0	81
4	Docosane	310	C22H46	000629-97-0	81
5	Hexadecane	226	C16H34	000544-76-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121316\
Data File : BG025156.D
Acq On : 13 Dec 2016 22:09
Operator : UM/SJ
Sample : H5990-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P006-PCS-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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
1,3,5-Cycloheptat...	4.36	2.1	ng/ul	77198	1	8.24	728267	20.0
2,5-Cyclohexadien...	14.48	2.4	ng/ul	186742	3	14.86	1567870	20.0
unknown-01	15.22	2.4	ng/ul	188245	3	14.86	1567870	20.0
(DEL) Alkane: Str...	15.65	2.8	ng/ul	221154	3	14.86	1567870	20.0
1,2-Benzenediol, ...	16.11	3.7	ng/ul	293449	3	14.86	1567870	20.0
(DEL) Alkane: Str...	16.50	3.6	ng/ul	271564	4	17.60	1519160	20.0
Undecanoic acid	16.95	10.0	ng/ul	762989	4	17.60	1519160	20.0
Phenol, 2-(1,1-di...	17.07	2.5	ng/ul	186747	4	17.60	1519160	20.0
unknown-02	17.22	10.7	ng/ul	811228	4	17.60	1519160	20.0
Quinoline, 4-(2-f...	17.94	5.7	ng/ul	432604	4	17.60	1519160	20.0
1,2-Benzisothiazo...	18.05	8.3	ng/ul	631818	4	17.60	1519160	20.0
Dibenzothiophene,...	18.18	3.4	ng/ul	256282	4	17.60	1519160	20.0
unknown-03	18.33	6.7	ng/ul	507963	4	17.60	1519160	20.0
n-Hexadecanoic acid	18.46	97.6	ng/ul	7412760	4	17.60	1519160	20.0
1H-Indene, 2-phenyl-	18.65	5.8	ng/ul	441947	4	17.60	1519160	20.0
(DEL) Alkane: Str...	18.72	5.3	ng/ul	404846	4	17.60	1519160	20.0
Methyl n-hexadecy...	18.77	6.7	ng/ul	506653	4	17.60	1519160	20.0
2,6-Dimethyldiben...	18.85	2.3	ng/ul	174587	4	17.60	1519160	20.0
E-1,9-Hexadecadiene	18.90	9.1	ng/ul	687696	4	17.60	1519160	20.0
unknown-04	19.10	3.1	ng/ul	238452	4	17.60	1519160	20.0
1,2,3,6-Tetrahydr...	19.21	96.5	ng/ul	7333230	4	17.60	1519160	20.0
Terephthalic acid...	19.28	86.7	ng/ul	6582320	4	17.60	1519160	20.0
Phenanthrene, 2,5...	19.37	21.6	ng/ul	1643420	4	17.60	1519160	20.0
Phenanthrene, 2,7...	19.43	11.9	ng/ul	902015	4	17.60	1519160	20.0
Naphthalene, 1,2-...	19.46	2.6	ng/ul	197316	4	17.60	1519160	20.0
Anthracene, 1,4-d...	19.51	8.7	ng/ul	660768	4	17.60	1519160	20.0
9-Borabicyclo[3.3...	19.55	4.9	ng/ul	372017	4	17.60	1519160	20.0
Octadecanoic acid	19.72	61.7	ng/ul	4687490	4	17.60	1519160	20.0
(DEL) Alkane: Str...	19.91	8.4	ng/ul	1561710	5	21.90	3713760	20.0
(DEL) Alkane: Str...	20.45	6.9	ng/ul	1273500	5	21.90	3713760	20.0
(DEL) Alkane: Str...	20.94	12.4	ng/ul	2303740	5	21.90	3713760	20.0
(DEL) Alkane: Str...	21.47	15.1	ng/ul	2801410	5	21.90	3713760	20.0
(DEL) Alkane: Str...	22.03	9.6	ng/ul	1784090	5	21.90	3713760	20.0