LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026754.D
Acq On : 28 Apr 2017 19:42
Operator : SJ/MA
Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

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\SOM-EPA-BG042717.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	3.429	53	58	68	rVB	34730	57451	0.64%	0.088%
2	4.187	181	187	203	rVB	406366	655069	7.35%	1.002%
3	6.696	609	614	620	rVB2	30999	51909	0.58%	0.079%
4	7.095	671	682	689	rBV2	7596	21179	0.24%	0.032%
5	7.189	689	698	714	rVV	547709	1073891	12.05%	1.642%
6	7.330	714	722	734	rVV	525356	867859	9.74%	1.327%
7	7.430	734	739	746	rVB	74022	120211	1.35%	0.184%
8	7.548	749	759	774	rBV	614315	1070360	12.01%	1.637%
9	8.012	830	838	849	rBV	463628	815425	9.15%	1.247%
10	8.147	856	861	868	rVB	36082	60753	0.68%	0.093%
11	8.723	945	959	966	rBV	773053	1451759	16.29%	2.220%
12	8.787	966	970	986	rVB	179982	428578	4.81%	0.655%
13	9.169	1020	1035	1043	rBV	551095	1019627	11.44%	1.559%
14	9.592	1100	1107	1112	rVB2	13253	21787	0.24%	0.033%
15	9.892	1147	1158	1172	rBV	491256	888003	9.96%	1.358%
16	10.174	1199	1206	1211	rBV	31933	67032	0.75%	0.103%
17	10.215	1211	1213	1224	rVV8	12108	34010	0.38%	0.052%
18	10.438	1244	1251	1277	rBV	754762	1469928	16.49%	2.248%
19	10.808	1306	1314	1321	rVV	787708	1405248	15.77%	2.149%
20	10.861	1321	1323	1330	rVB4	26477	33405	0.37%	0.051%
21	10.944	1330	1337	1359	rBV	692951	1356401	15.22%	2.075%
22	12.048	1519	1525	1533	rBV8	12070	32340	0.36%	0.049%
23	12.389	1576	1583	1592	rBV2	17764	31506	0.35%	0.048%
24	12.524	1599	1606	1614	rBV7	12469	25257	0.28%	0.039%
25	13.153	1703	1713	1722	rBV5	20236	50306	0.56%	0.077%
26	13.570	1779	1784	1795	rVB8	8485	25584	0.29%	0.039%
27	14.022	1853	1861	1865	rBV	1462902	2082388	23.37%	3.185%
28	14.069	1865	1869	1878	rVV	248866	377443	4.24%	0.577%
29	14.316	1903	1911	1919	rBV	1769527	2832501	31.78%	4.332%
30	14.381	1919	1922	1930	rVB7	14426	27196	0.31%	0.042%
31	14.510	1939	1944	1949	rVV	31725	45033	0.51%	0.069%
32	14.622	1954	1963	1970	rBV2	1186574	1934932	21.71%	2.959%
33	14.680	1970	1973	1979	rVV6	16329	27690	0.31%	0.042%
34	14.839	1992	2000	2024	rBV	340602	899488	10.09%	1.376%

LSC Area Percent Report

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Data File : BG026754.D
Acq On : 28 Apr 2017 19:42
Operator : SJ/MA
Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

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\SOM-EPA-BG042717.M
Title : SVOA CALIBRATION

35	15.133	2045	2050	2056	rBV5	23794	42965	0.48%	0.066%
36	15.403	2093	2096	2100	rBV	17115	28822	0.32%	0.044%
37	15.456	2100	2105	2110	rVB	63492	83955	0.94%	0.128%
38	15.609	2124	2131	2144	rVB	2224145	3399577	38.15%	5.199%
39	15.726	2144	2151	2163	rBV	537078	849188	9.53%	1.299%
40	15.850	2166	2172	2178	rVB2	48469	92705	1.04%	0.142%
41	16.314	2245	2251	2261	rVV	110983	206856	2.32%	0.316%
42	16.654	2302	2309	2312	rBV8	15851	25727	0.29%	0.039%
43	17.101	2380	2385	2389	rBV	40875	50135	0.56%	0.077%
44	17.154	2389	2394	2405	rVB5	28124	55996	0.63%	0.086%
45	17.354	2421	2428	2438	rBV2	1385247	2056831	23.08%	3.146%
46	17.454	2438	2445	2454	rVV	2281962	3321820	37.28%	5.080%
47	17.841	2507	2511	2516	rBV5	13685	21373	0.24%	0.033%
48	18.235	2571	2578	2587	rBV2	254207	460815	5.17%	0.705%
49	18.364	2595	2600	2603	rBV2	144002	207466	2.33%	0.317%
50	18.400	2604	2606	2614	rVV8	66582	125508	1.41%	0.192%
51	18.470	2614	2618	2622	rVV2	58212	87761	0.98%	0.134%
52	18.511	2622	2625	2628	rVV3	30508	53065	0.60%	0.081%
53	18.552	2628	2632	2640	rVV5	76464	144824	1.63%	0.221%
54	18.635	2640	2646	2652	rVB2	320270	524468	5.89%	0.802%
55	18.693	2652	2656	2661	rBV3	41318	59574	0.67%	0.091%
56	18.823	2671	2678	2686	rBV	1945647	2643864	29.67%	4.044%
57	18.887	2686	2689	2692	rVV4	37414	44435	0.50%	0.068%
58	18.958	2692	2701	2710	rVB	168738	316911	3.56%	0.485%
59	19.075	2715	2721	2732	rBV8	64862	205717	2.31%	0.315%
60	19.199	2738	2742	2753	rVB8	61479	116264	1.30%	0.178%
61	19.304	2753	2760	2766	rVB8	14215	34326	0.39%	0.052%
62	19.381	2766	2773	2780	rBV4	40689	118431	1.33%	0.181%
63	19.451	2780	2785	2790	rBV	144889	189218	2.12%	0.289%
64	19.504	2790	2794	2796	rBV	97640	139328	1.56%	0.213%
65	19.539	2796	2800	2805	rVV	755815	979529	10.99%	1.498%
66	19.580	2805	2807	2812	rVV2	42636	55858	0.63%	0.085%
67	19.627	2812	2815	2822	rVB3	25189	50328	0.56%	0.077%
68	19.733	2824	2833	2844	rBV	2335049	3379228	37.92%	5.168%
69	19.845	2847	2852	2858	rVB2	49129	77135	0.87%	0.118%
70	19.915	2858	2864	2870	rBV	274563	394340	4.43%	0.603%
71	19.974	2870	2874	2882	rVB9	27955	48721	0.55%	0.075%

LSC Area Percent Report

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Data File : BG026754.D
Acq On : 28 Apr 2017 19:42
Operator : SJ/MA
Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

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\SOM-EPA-BG042717.M
Title : SVOA CALIBRATION

72	20.092	2890	2894	2900	rBV4	77142	106388	1.19%	0.163%
73	20.174	2900	2908	2916	rBV	6880966	8911629	100.00%	13.630%
74	20.262	2918	2923	2928	rVB7	42713	84135	0.94%	0.129%
75	20.327	2929	2934	2939	rBV9	27611	51409	0.58%	0.079%
76	20.415	2945	2949	2958	rVB9	47928	79695	0.89%	0.122%
77	20.521	2961	2967	2971	rBV3	105445	177781	1.99%	0.272%
78	20.573	2972	2976	2979	rVV6	30732	43179	0.48%	0.066%
79	20.620	2981	2984	2988	rVB4	30417	35305	0.40%	0.054%
80	20.791	3007	3013	3021	rBV	401148	607431	6.82%	0.929%
81	21.043	3053	3056	3060	rBV6	23997	43378	0.49%	0.066%
82	21.090	3061	3064	3070	rVB8	57601	87028	0.98%	0.133%
83	21.226	3081	3087	3101	rBV4	226233	440928	4.95%	0.674%
84	21.361	3101	3110	3134	rVV6	178023	934553	10.49%	1.429%
85	21.602	3143	3151	3166	rVB	1379249	2353662	26.41%	3.600%
86	21.737	3169	3174	3184	rVB	279814	412816	4.63%	0.631%
87	22.571	3307	3316	3344	rVB	80874	440752	4.95%	0.674%
88	22.847	3358	3363	3377	rBV5	97086	262247	2.94%	0.401%
89	23.000	3383	3389	3403	rVB3	154408	361915	4.06%	0.554%
90	23.141	3407	3413	3418	rVB3	66070	123106	1.38%	0.188%
91	23.206	3421	3424	3432	rVB9	35527	71567	0.80%	0.109%
92	23.823	3524	3529	3536	rVB4	43417	87994	0.99%	0.135%
93	24.545	3640	3652	3666	rBV2	1220210	3361568	37.72%	5.141%
94	24.757	3677	3688	3704	rVB3	816103	2292480	25.72%	3.506%
95	25.844	3865	3873	3882	rBV4	59256	166102	1.86%	0.254%
96	27.160	4090	4097	4108	rVB6	48651	147582	1.66%	0.226%
97	27.883	4209	4220	4239	rVB8	57405	312651	3.51%	0.478%
98	28.106	4245	4258	4285	rVB5	110168	691516	7.76%	1.058%
99	28.752	4360	4368	4381	rVB10	45645	184424	2.07%	0.282%
100	29.534	4489	4501	4517	rVB7	99184	456345	5.12%	0.698%

Sum of corrected areas: 65384179

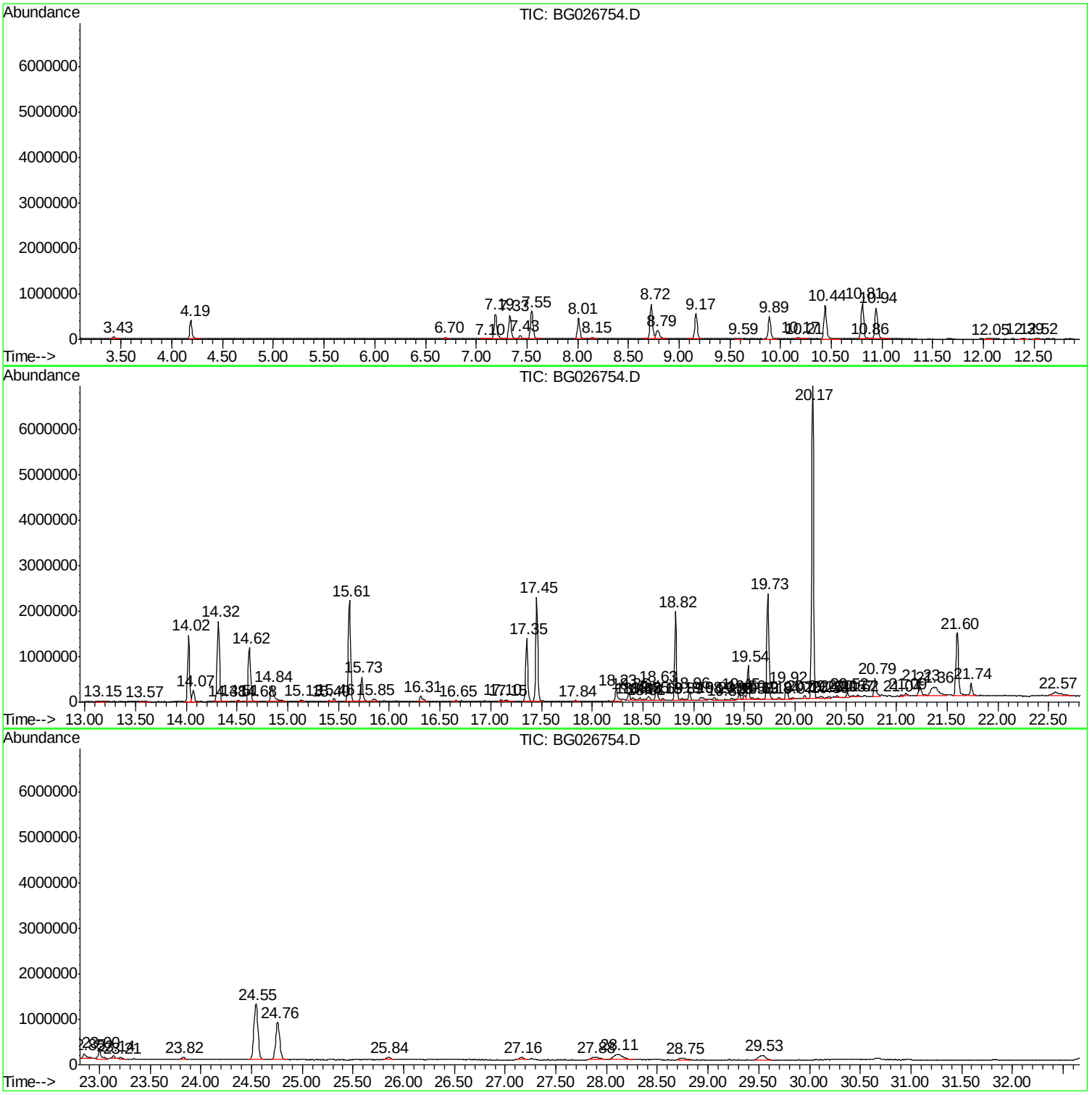
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026754.D
Acq On : 28 Apr 2017 19:42
Operator : SJ/MA
Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026754.D
Acq On : 28 Apr 2017 19:42
Operator : SJ/MA
Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

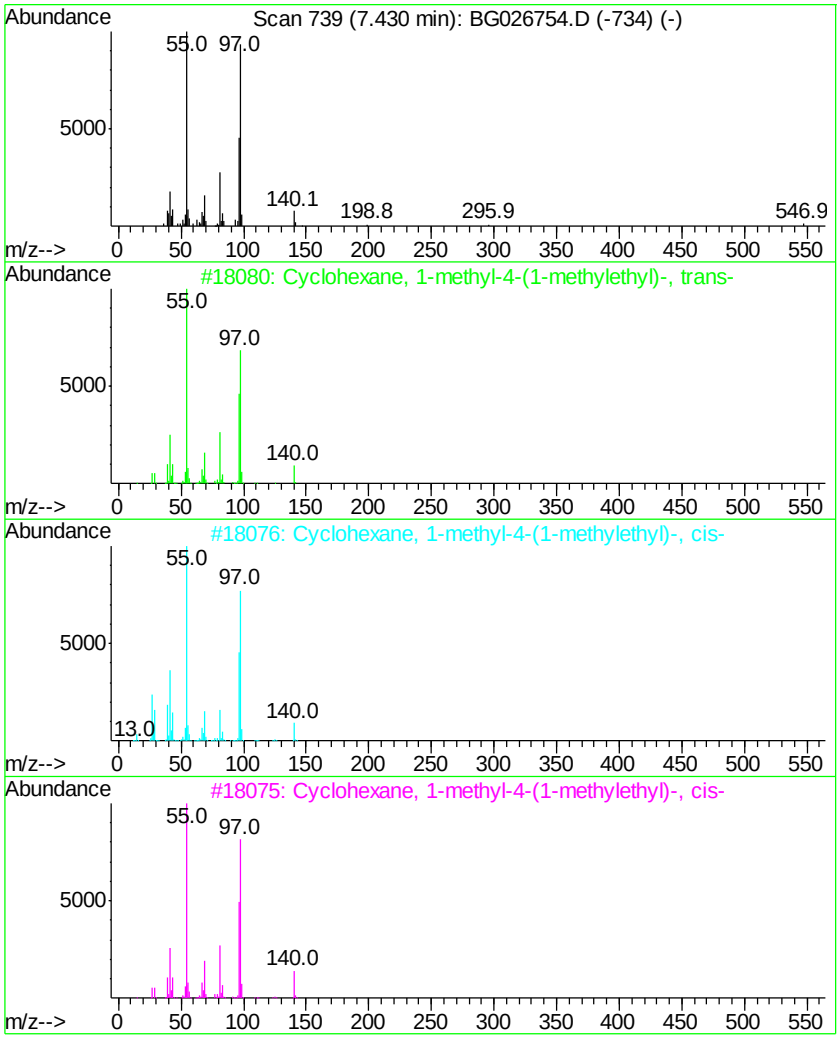
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

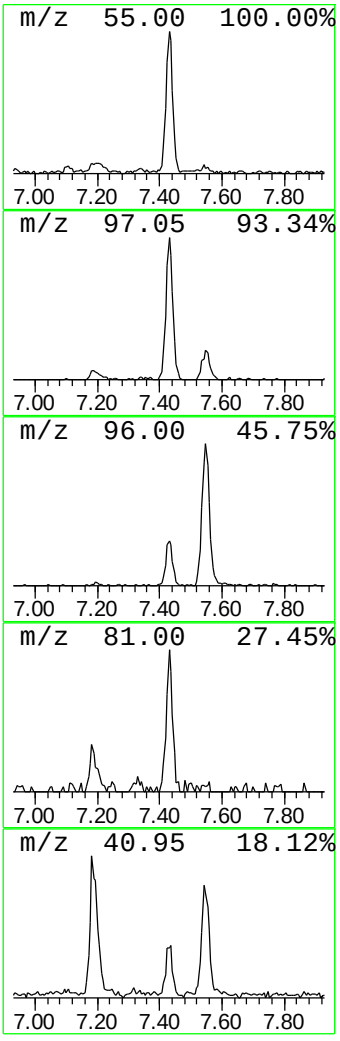
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic7.43 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	2.95 ng/ul	120211	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	94
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	91
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	91
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	91
5	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026754.D
Acq On : 28 Apr 2017 19:42
Operator : SJ/MA
Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

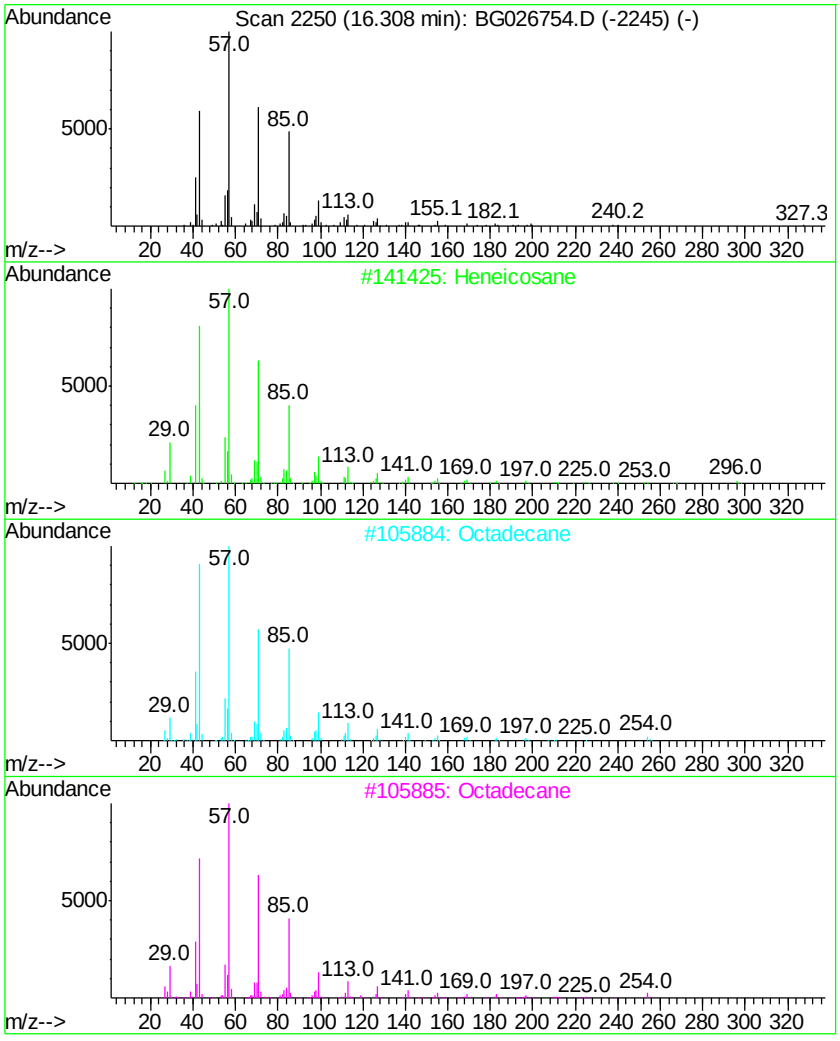
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

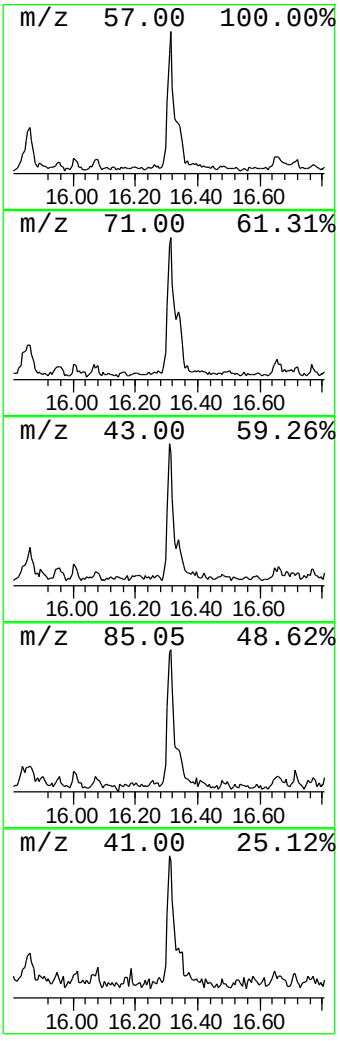
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	2.01 ng/ul	206856	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Octadecane	254	C18H38	000593-45-3	86
4	Docosane	310	C22H46	000629-97-0	83
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026754.D
Acq On : 28 Apr 2017 19:42
Operator : SJ/MA
Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

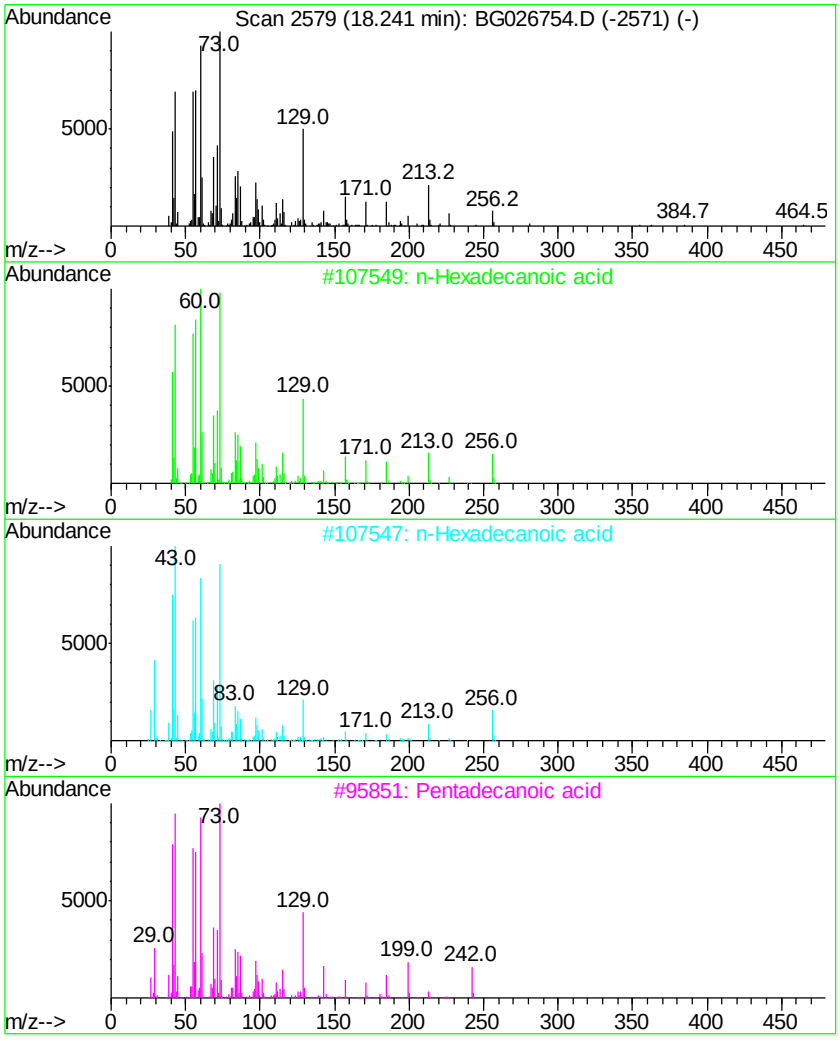
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

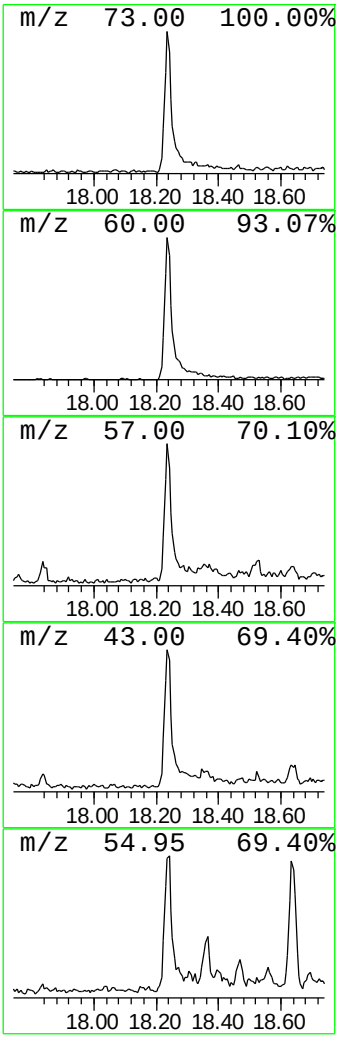
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	4.48 ng/ul	460815	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026754.D
Acq On : 28 Apr 2017 19:42
Operator : SJ/MA
Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

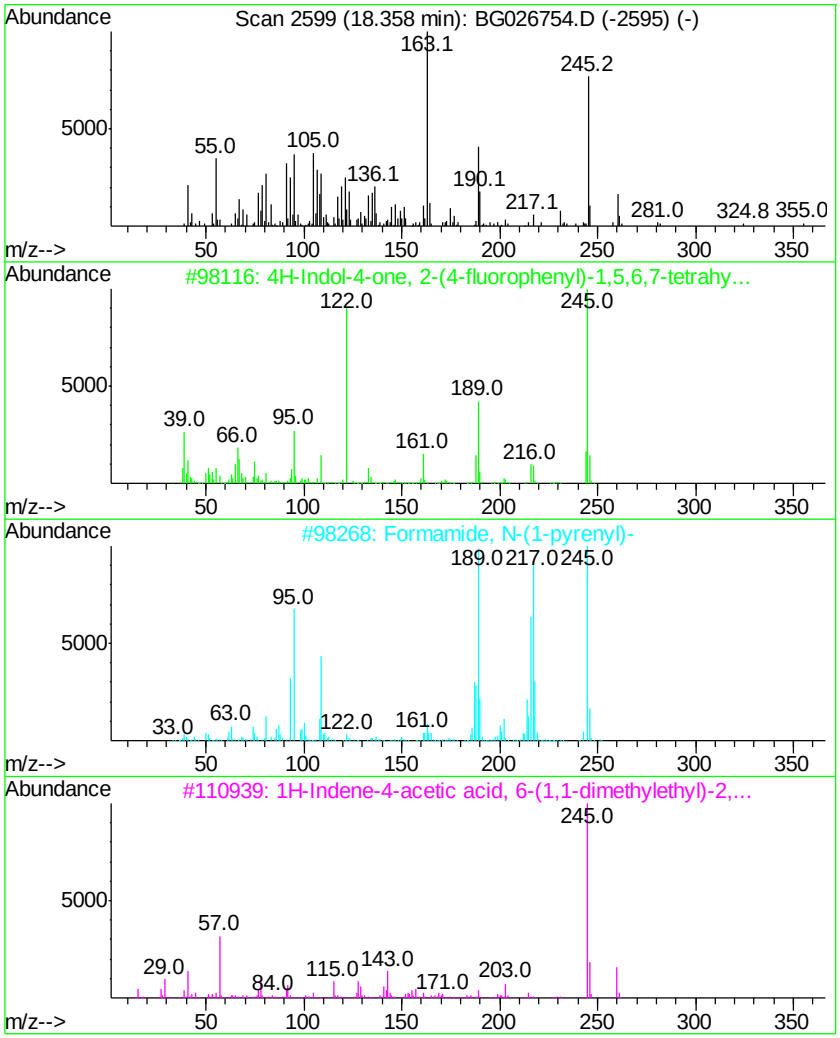
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

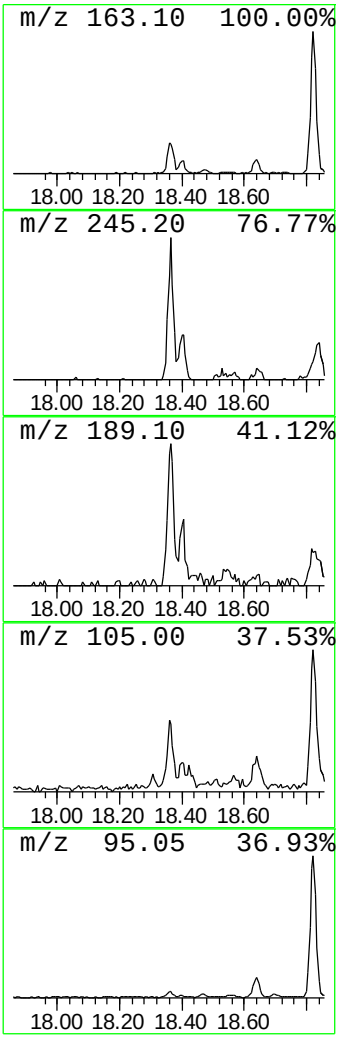
****

Peak Number 5 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.02 ng/ul	207466	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Indol-4-one, 2-(4-fluorophenv...	245	C14H12FNO2	1000337-74-5	43
2	Formamide, N-(1-pyrenyl)-	245	C17H11NO	103915-43-1	27
3	1H-Indene-4-acetic acid, 6-(1,1-...	260	C17H24O2	055591-05-4	27
4	Benzenamine, 2,3,4,5,6-pentamethyl-	163	C11H17N	002243-30-3	25
5	Indeno[1,2-b]quinolin-11-one, 7-...	245	C17H11NO	1000302-10-9	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026754.D
Acq On : 28 Apr 2017 19:42
Operator : SJ/MA
Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

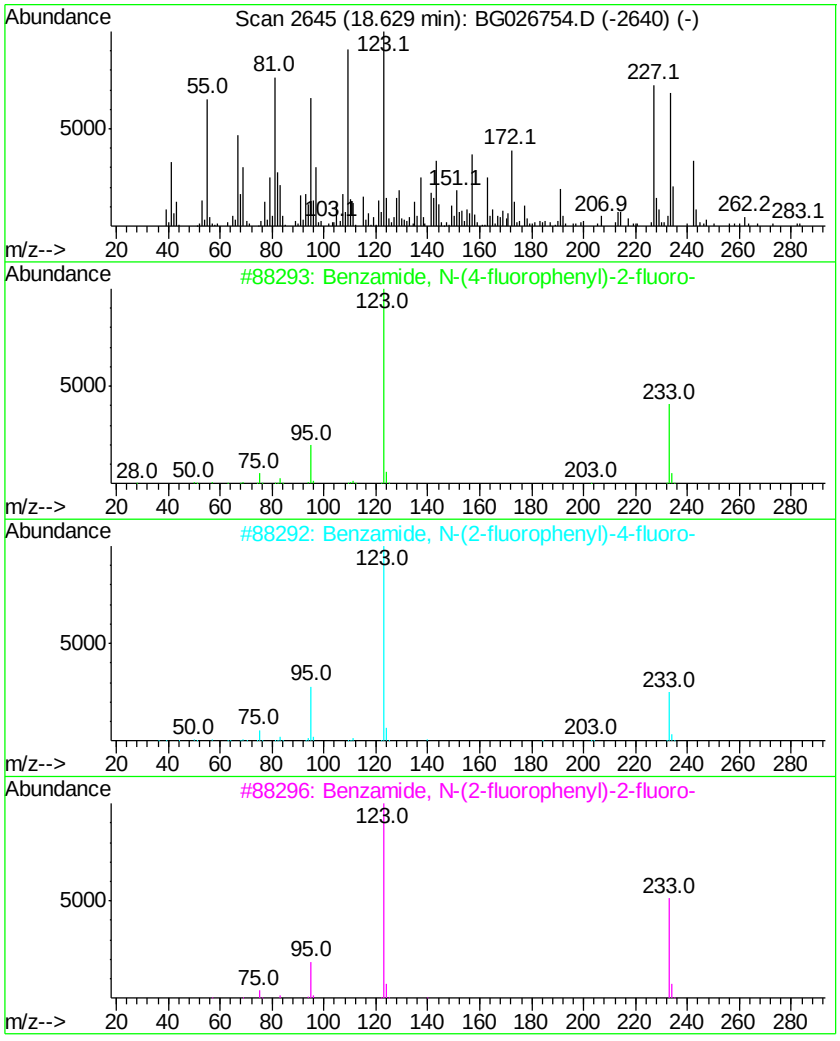
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

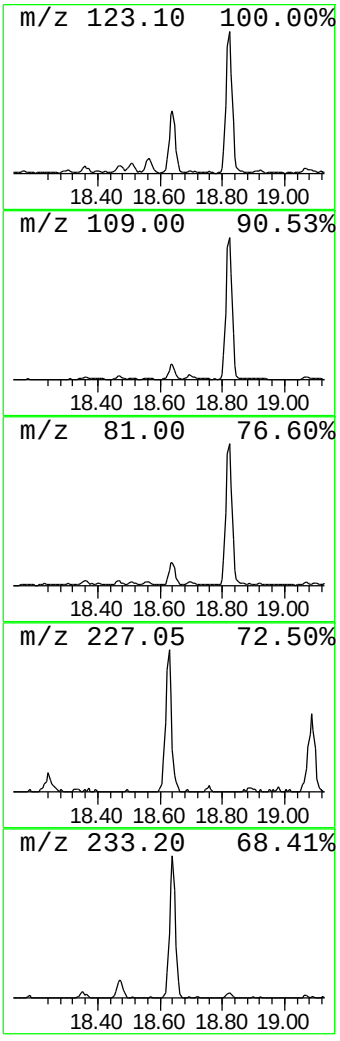
****

Peak Number 6 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	5.10 ng/ul	524468	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-2-...	233	C13H9F2NO	1000307-07-9	38
2	Benzamide, N-(2-fluorophenyl)-4-...	233	C13H9F2NO	1000308-30-2	38
3	Benzamide, N-(2-fluorophenyl)-2-...	233	C13H9F2NO	1000308-09-1	38
4	Benzamide, N-(4-fluorophenyl)-4-...	233	C13H9F2NO	1000307-10-1	38
5	Methyl 4-fluorobenzoate	154	C8H7FO2	000403-33-8	25





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Operator : SJ/MA
Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

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Quant Title : SVOA CALIBRATION

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

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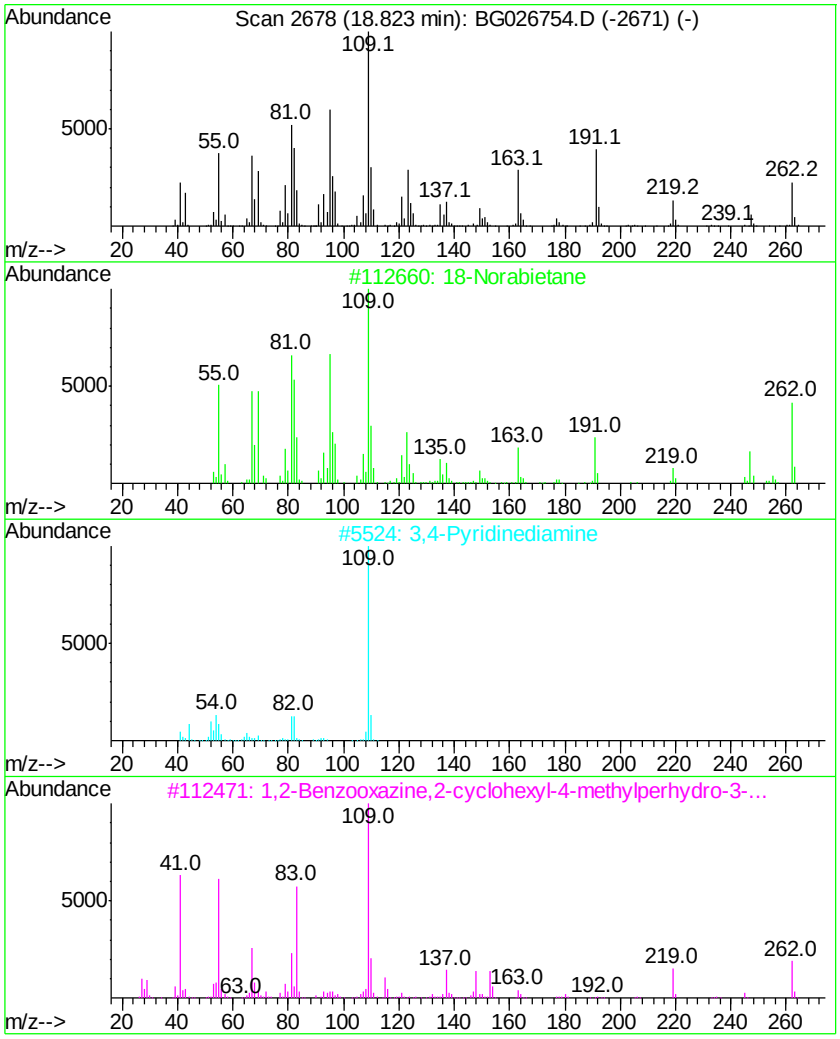
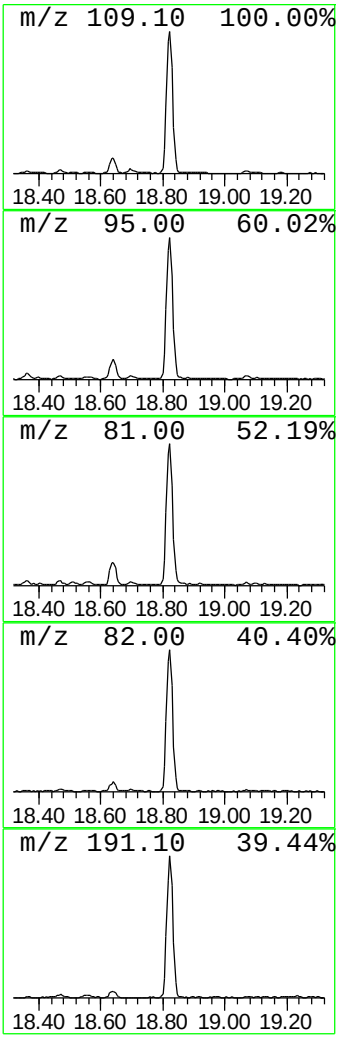
Peak Number 7 18-Norabietane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	25.71 ng/ul	2643860	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	94
2	3,4-Pyridinediamine	109	C5H7N3	000054-96-6	27
3	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	25
4	7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	22
5	1,2-Benzenediol, O-(ethoxycarbon...	264	C13H12O6	1000329-71-6	18





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Instrument : BNA_G
ClientSampleId : JHT36

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Quant Title : SVOA CALIBRATION

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

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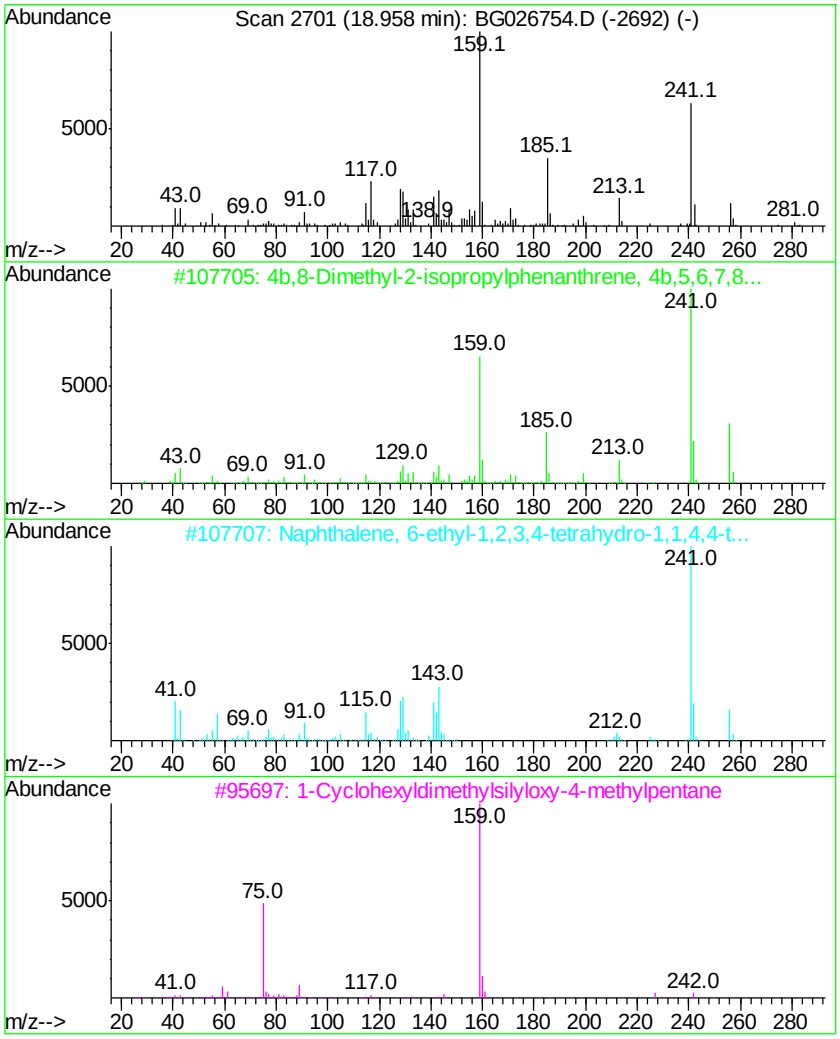
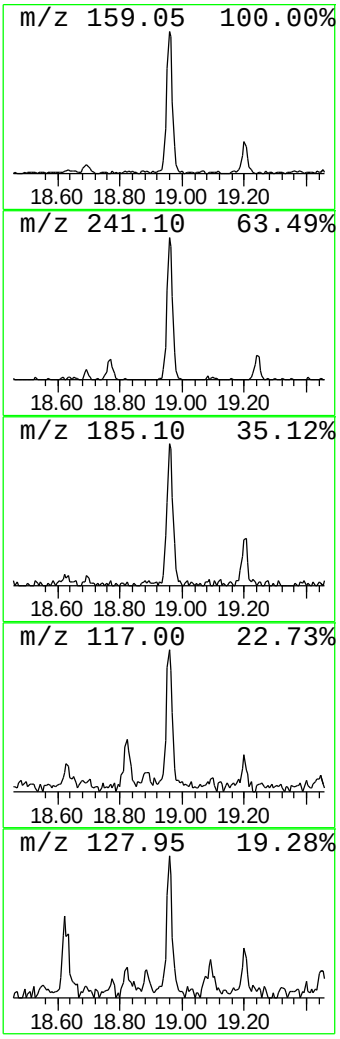
Peak Number 8 4b,8-Dimethyl-2-isopropylph... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	3.08 ng/ul	316911	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	76
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
3	1-Cyclohexyldimethylsilyloxy-4-m...	242	C14H30OSi	1000282-21-0	27
4	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	25
5	8-Acetoxy-2-methylquinoline	201	C12H11NO2	027037-61-2	22





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ClientSampleId : JHT36

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Quant Title : SVOA CALIBRATION

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

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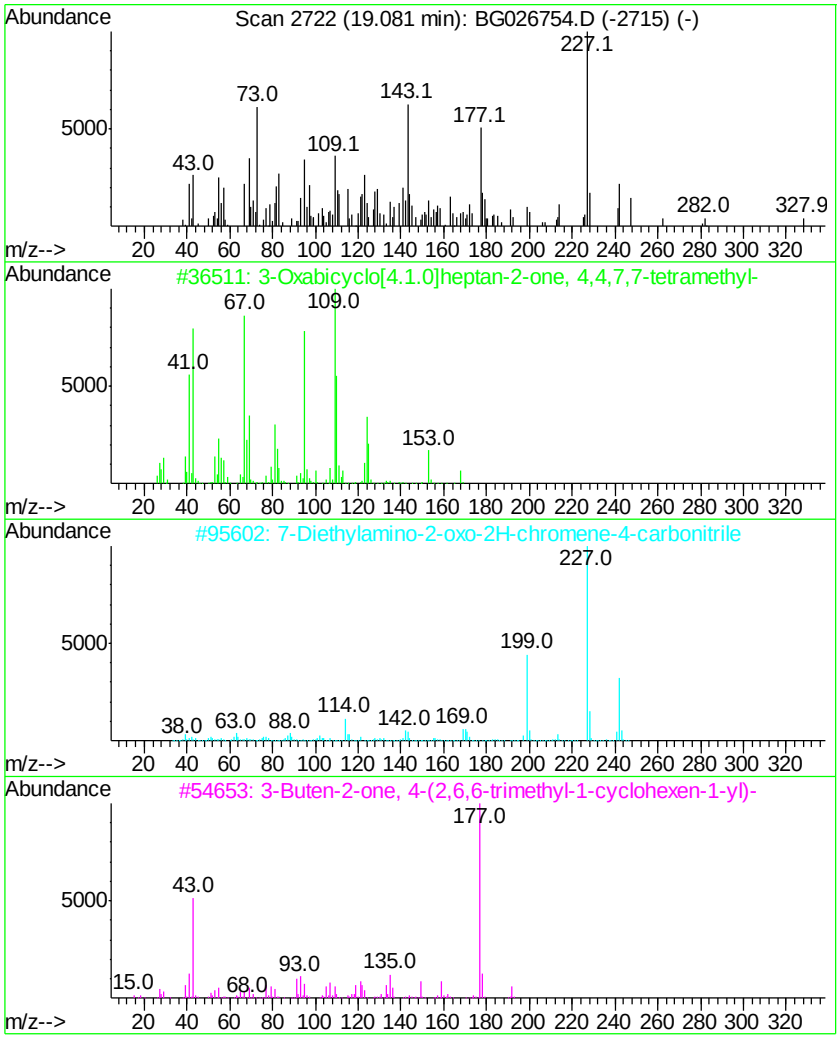
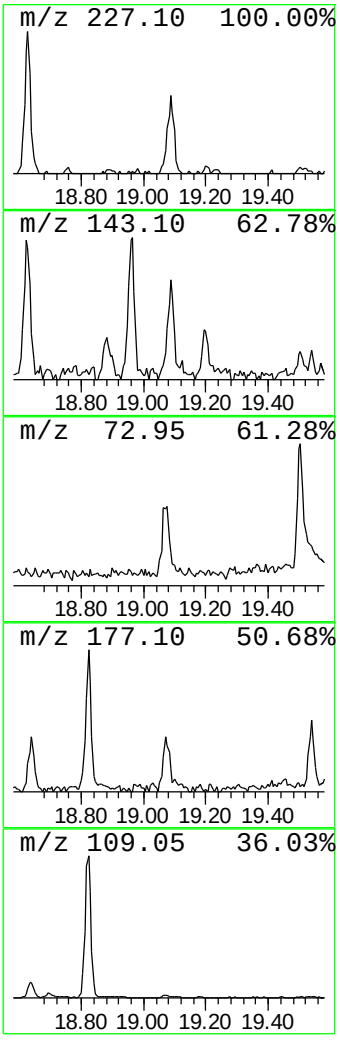
Peak Number 9 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	2.00 ng/ul	205717	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Oxabicyclo[4.1.0]heptan-2-one,...	168	C10H16O2	022841-82-3	20
2	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	15
3	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	11
4	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	11
5	3,5,9-Trimethyl-deca-2,4,8-trien...	194	C13H22O	1000188-00-3	11





Library Search Compound Report

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ClientSampleId : JHT36

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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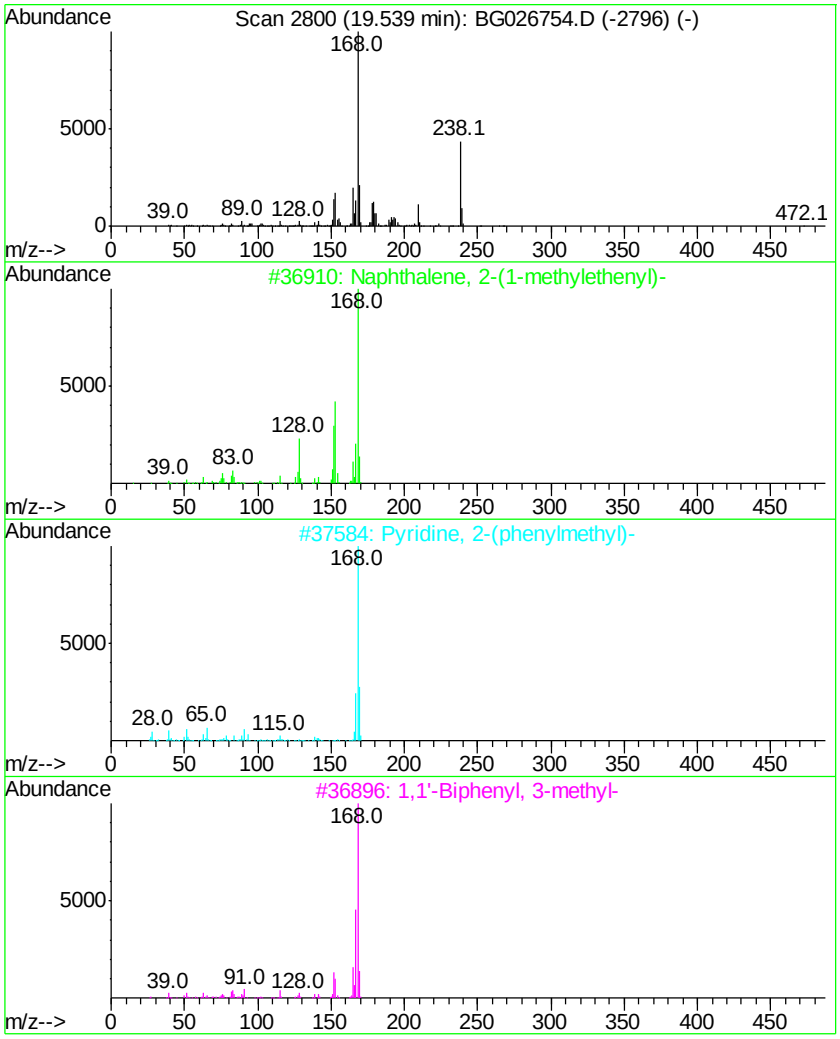
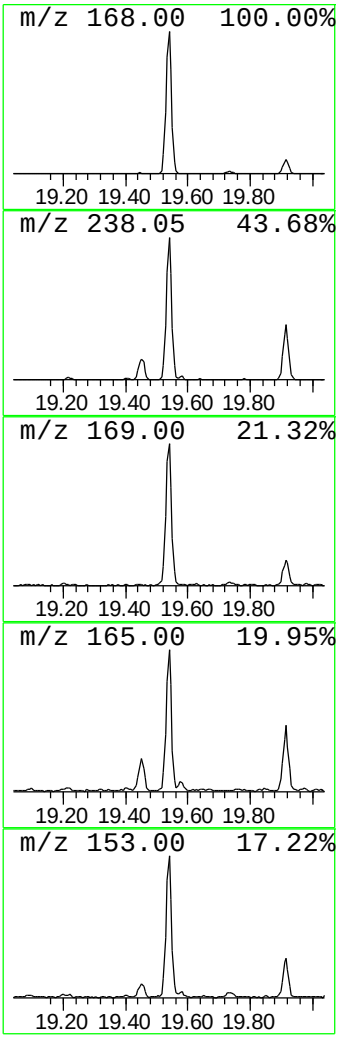
Peak Number 10 unknown-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	8.32 ng/ul	979529	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	43
2	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	38
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
4	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	38
5	Benzenemethanol, 3,4-dimethoxy-	168	C9H12O3	000093-03-8	38





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Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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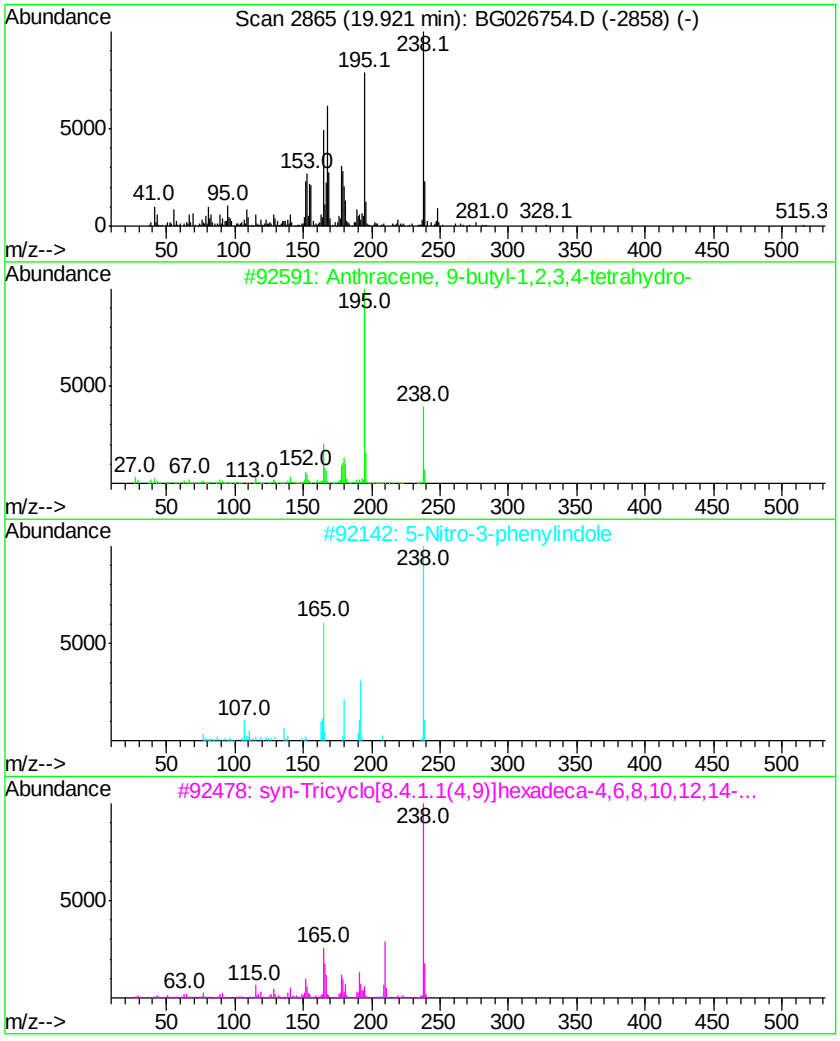
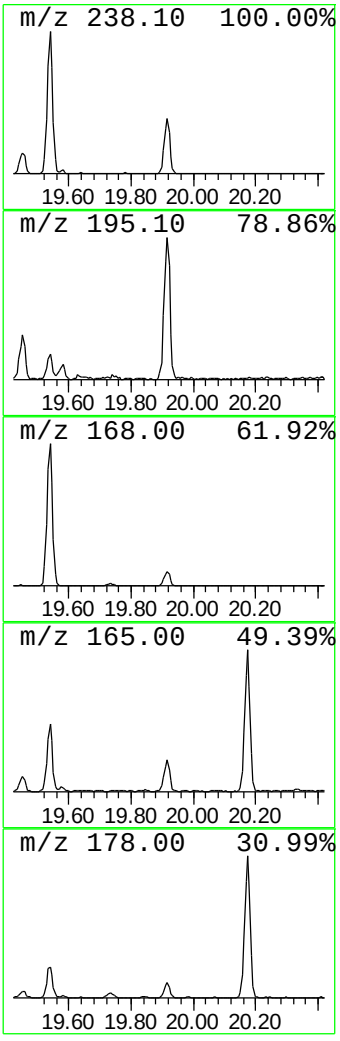
Peak Number 11 unknown-05 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	3.35 ng/ul	394340	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1000151-39-2	49
2	5-Nitro-3-phenylindole	238	C14H10N2O2	014182-35-5	35
3	syn-Tricyclo[8.4.1.1(4,9)]hexade...	238	C16H14O2	1000158-32-8	35
4	Acetic acid, [m-(trimethylsiloxy...	238	C12H18O3Si	027798-61-4	35
5	Fluorenone oxime	195	C13H9NO	002157-52-0	27





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Instrument : BNA_G
ClientSampleId : JHT36

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Quant Title : SVOA CALIBRATION

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

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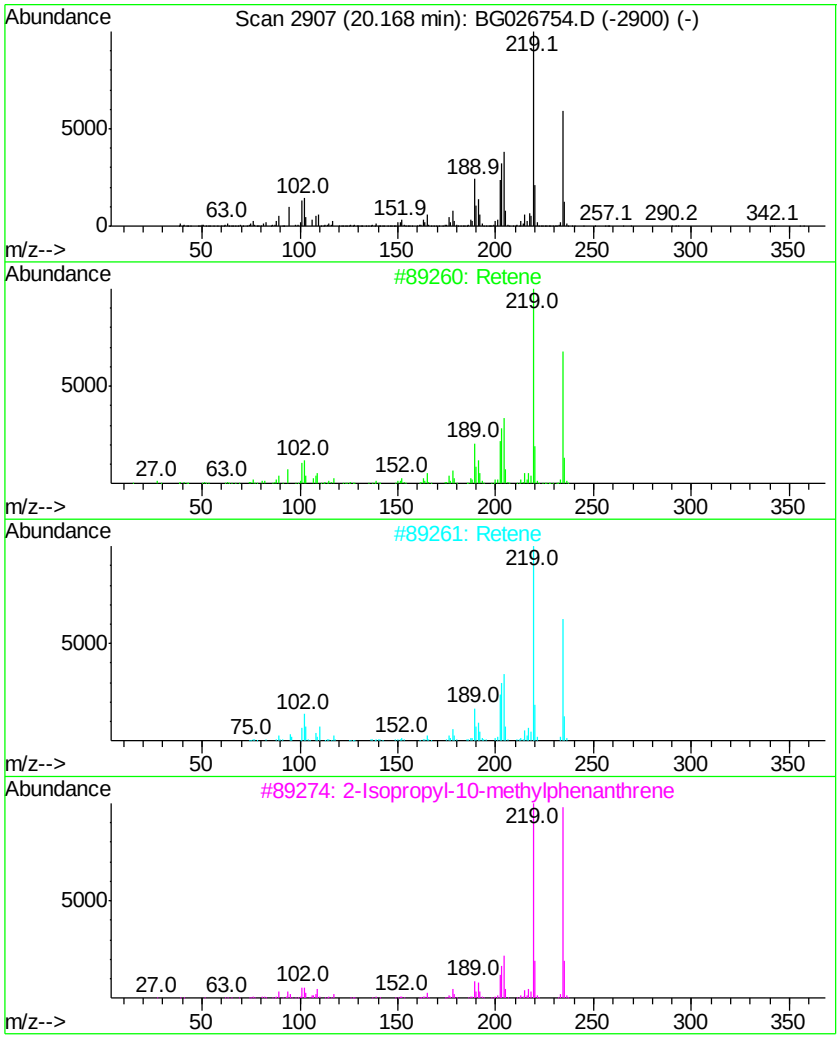
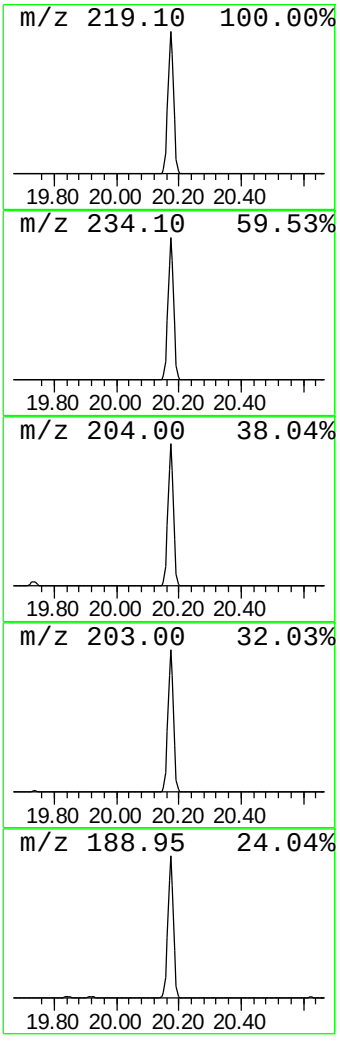
Peak Number 12 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	75.73 ng/ul	8911630	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	Retene	234	C18H18	000483-65-8	97
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
4	Retene	234	C18H18	000483-65-8	87
5	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	68





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Sample : I2816-10
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Instrument : BNA_G
ClientSampleId : JHT36

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Quant Title : SVOA CALIBRATION

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

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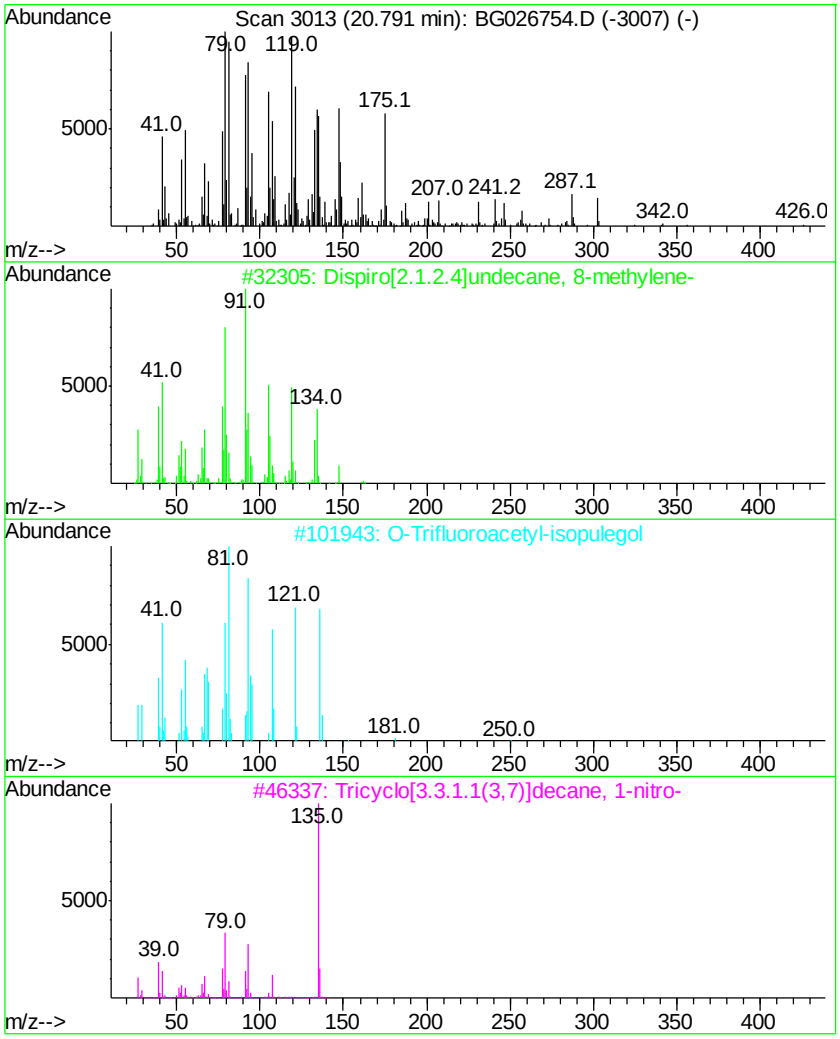
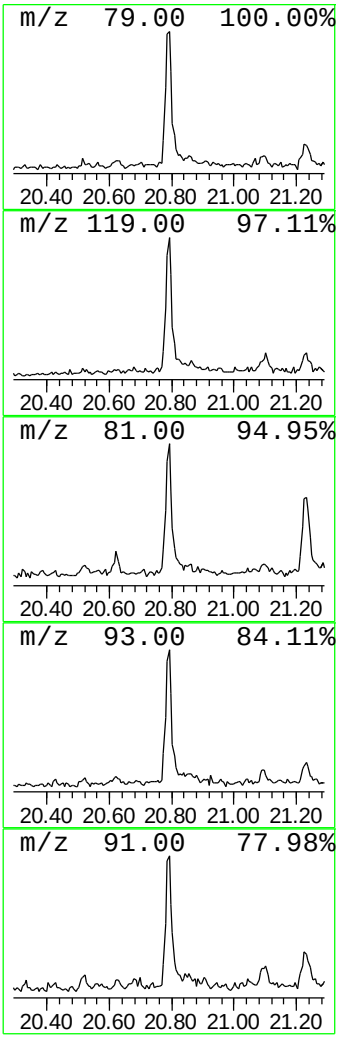
Peak Number 13 unknown-06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	5.16 ng/ul	607431	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dispiro[2.1.2.4]undecane, 8-meth...	162	C12H18	051567-08-9	42
2	O-Trifluoroacetyl-isopulegol	250	C12H17F3O2	028587-54-4	42
3	Tricyclo[3.3.1.1(3,7)]decane, 1-...	181	C10H15NO2	007575-82-8	30
4	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	30
5	Cyclohexene, 1,3-diisopropenyl-6...	176	C13H20	1000151-28-9	27





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Instrument : BNA_G
ClientSampleId : JHT36

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Quant Title : SVOA CALIBRATION

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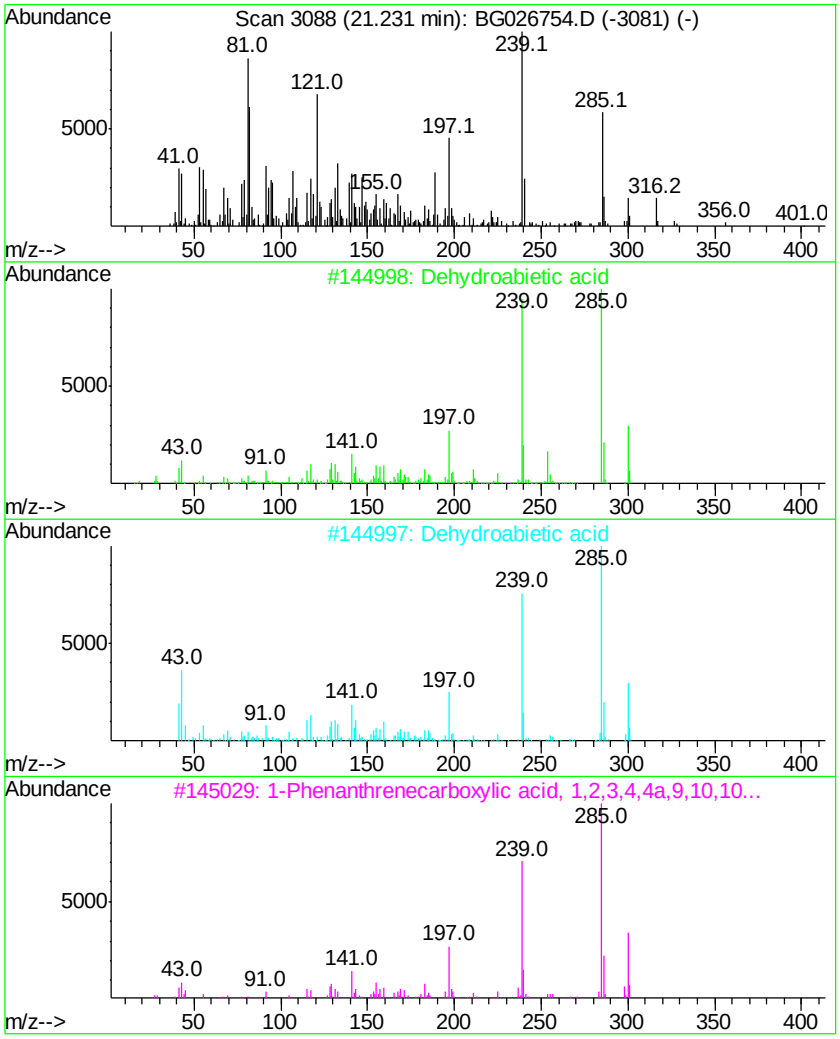
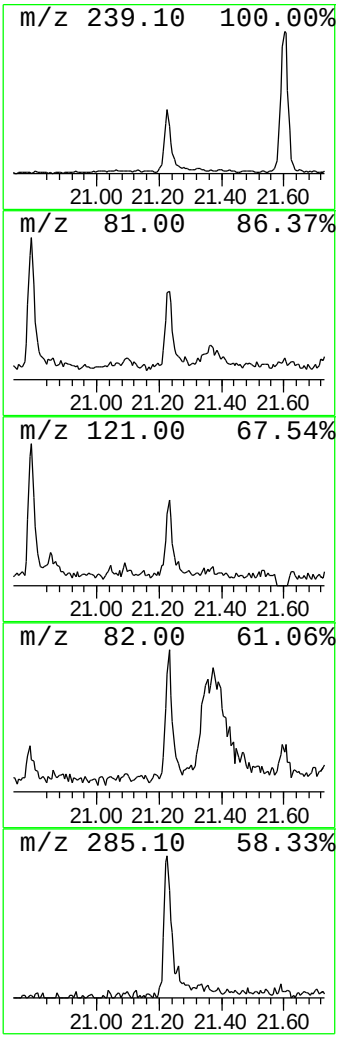
Peak Number 14 Dehydroabietic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	3.75 ng/ul	440928	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
3	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	83
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	50
5	4H-Pyrimido[4,5-E]thieno[3,2-c][...	285	C9H7N3O2S3	1000267-15-4	44





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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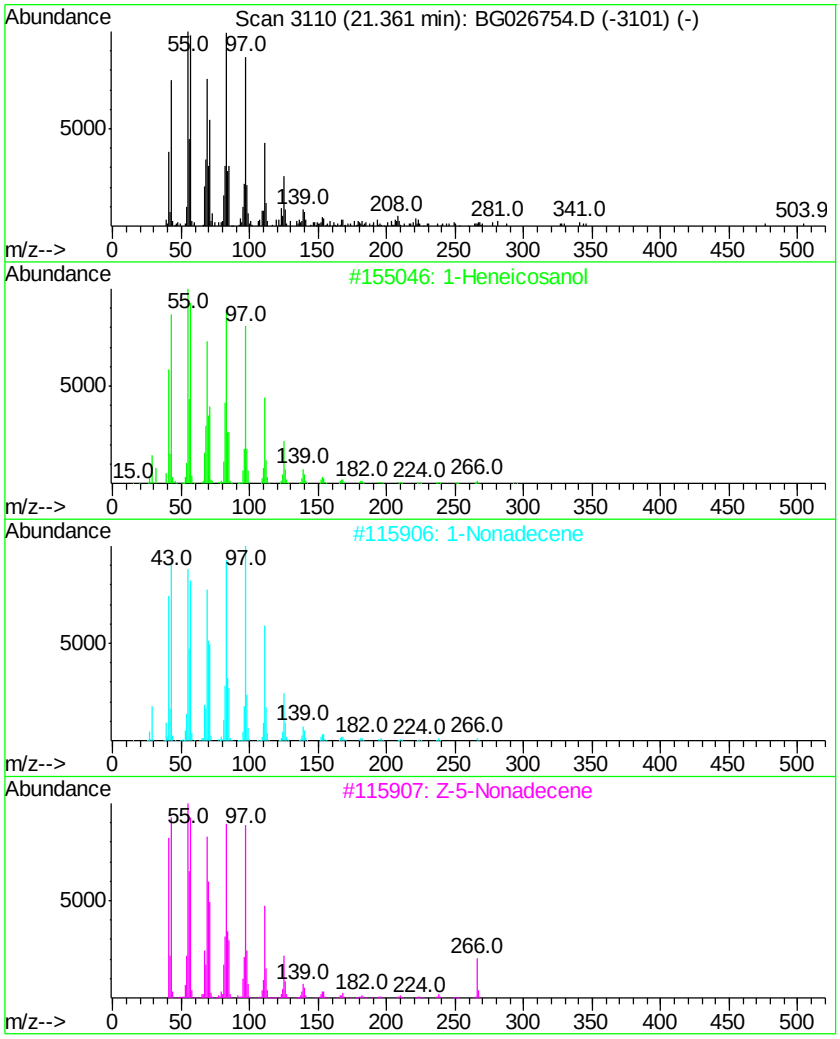
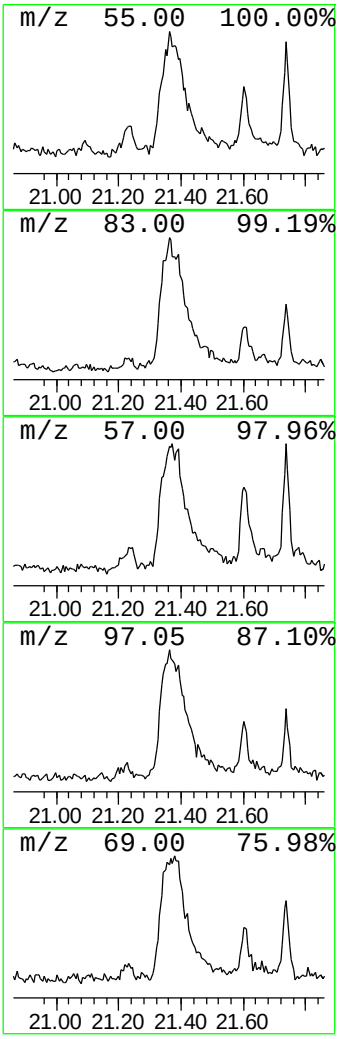
Peak Number 15 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	7.94 ng/ul	934553	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	1-Nonadecene	266	C19H38	018435-45-5	94
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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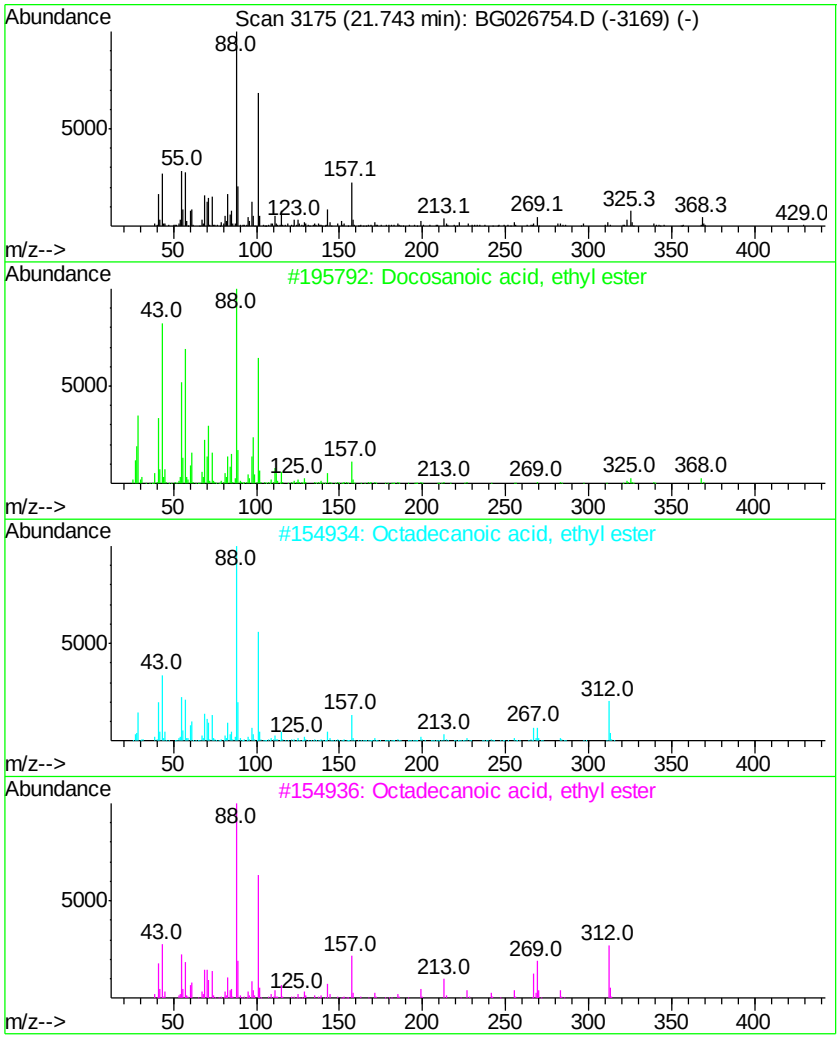
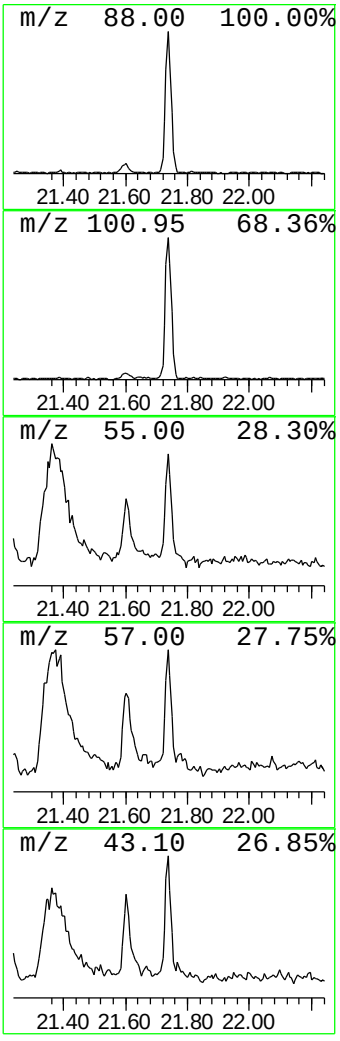
Peak Number 16 Docosanoic acid, ethyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	3.51 ng/ul	412816	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, ethyl ester	368	C24H48O2	005908-87-2	80
2	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	80
3	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	78
4	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	78
5	Nonadecanoic acid, ethyl ester	326	C21H42O2	018281-04-4	74





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Quant Title : SVOA CALIBRATION

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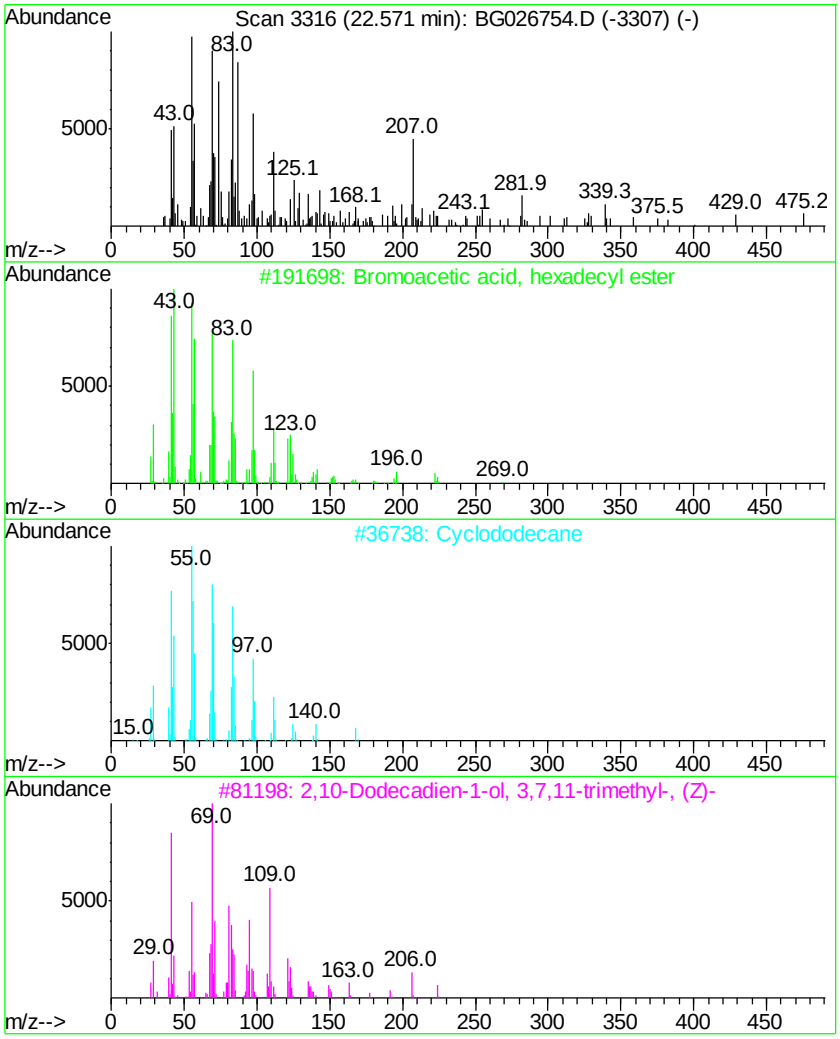
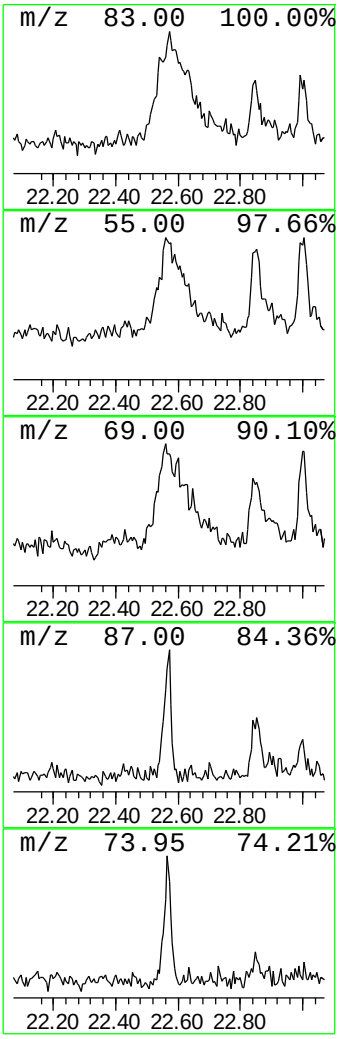
Peak Number 17 unknown-07 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	3.75 ng/ul	440752	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	45
2	Cyclododecane	168	C12H24	000294-62-2	43
3	2,10-Dodecadien-1-ol, 3,7,11-tri...	224	C15H28O	020576-57-2	43
4	n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	38
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	30





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Sample : I2816-10
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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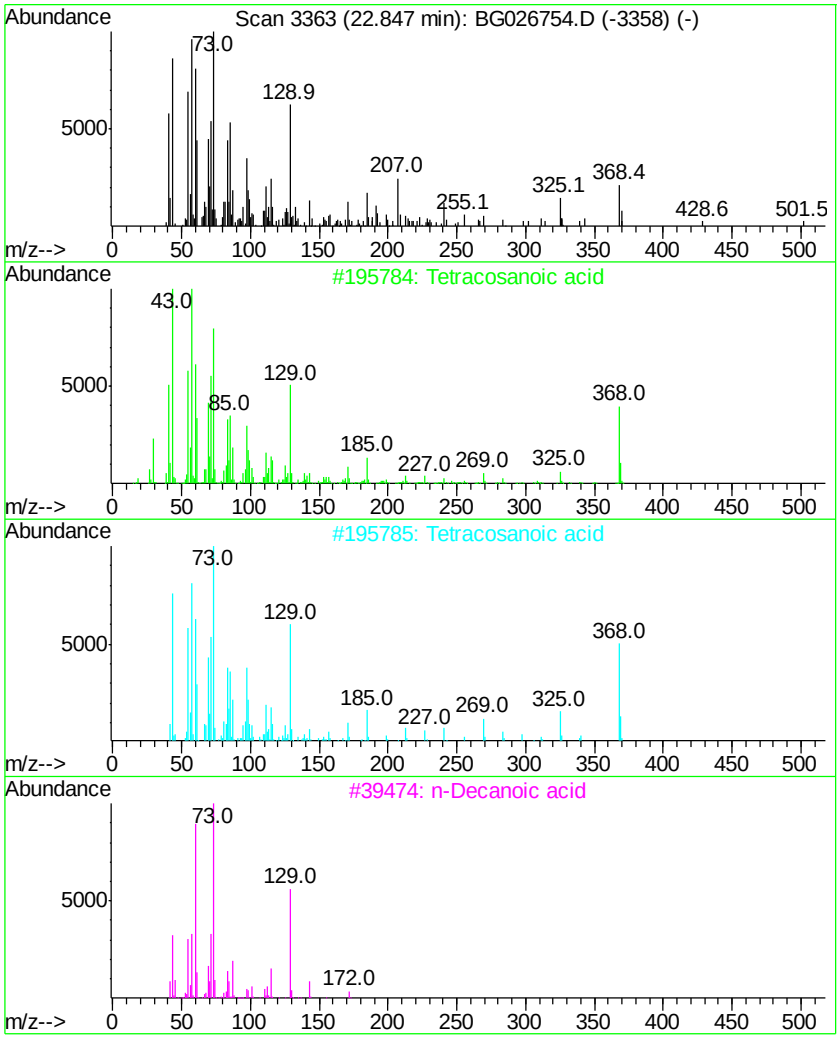
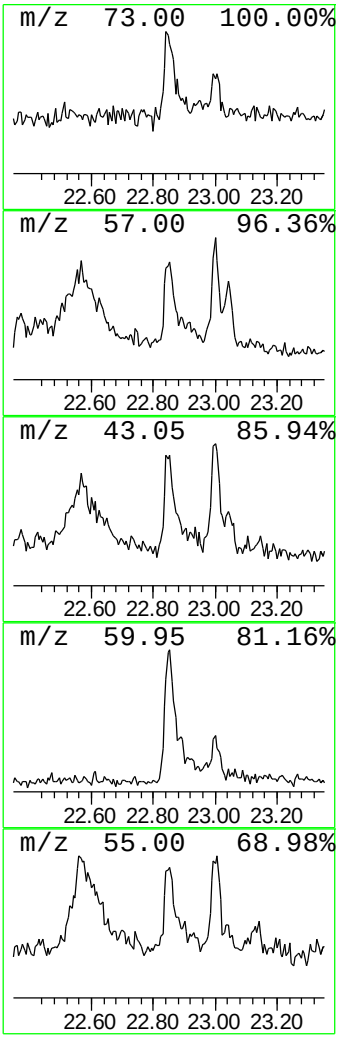
Peak Number 18 Tetracosanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	2.23 ng/ul	262247	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid	368	C24H48O2	000557-59-5	95
2	Tetracosanoic acid	368	C24H48O2	000557-59-5	95
3	n-Decanoic acid	172	C10H20O2	000334-48-5	46
4	Tridecanoic acid	214	C13H26O2	000638-53-9	45
5	Octadecanoic acid	284	C18H36O2	000057-11-4	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026754.D
Acq On : 28 Apr 2017 19:42
Operator : SJ/MA
Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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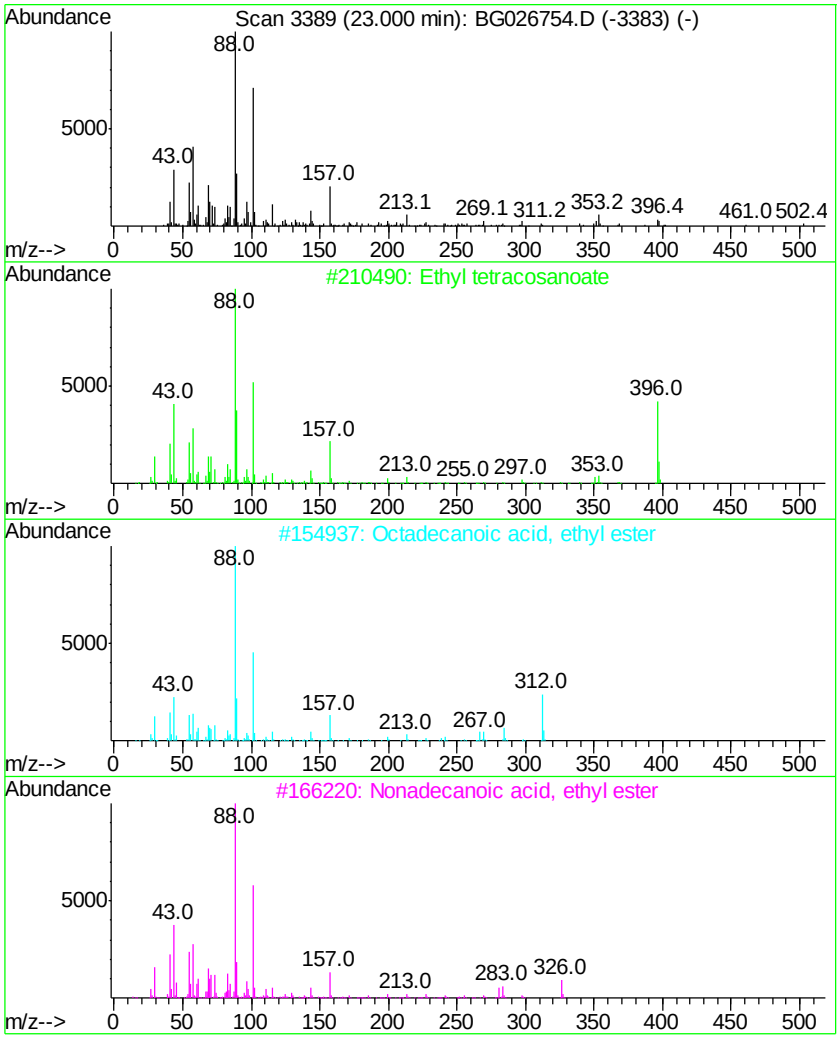
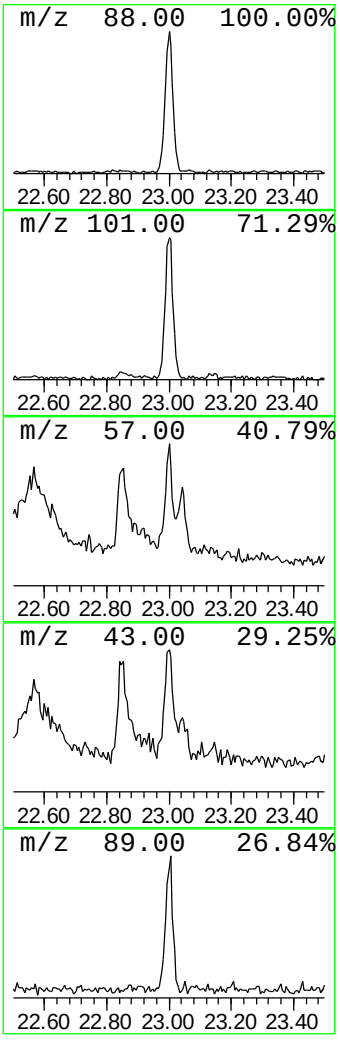
Peak Number 19 Ethyl tetracosanoate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	3.08 ng/ul	361915	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl tetracosanoate	396	C26H52O2	024634-95-5	90
2	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	87
3	Nonadecanoic acid, ethyl ester	326	C21H42O2	018281-04-4	72
4	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	72
5	Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026754.D
Acq On : 28 Apr 2017 19:42
Operator : SJ/MA
Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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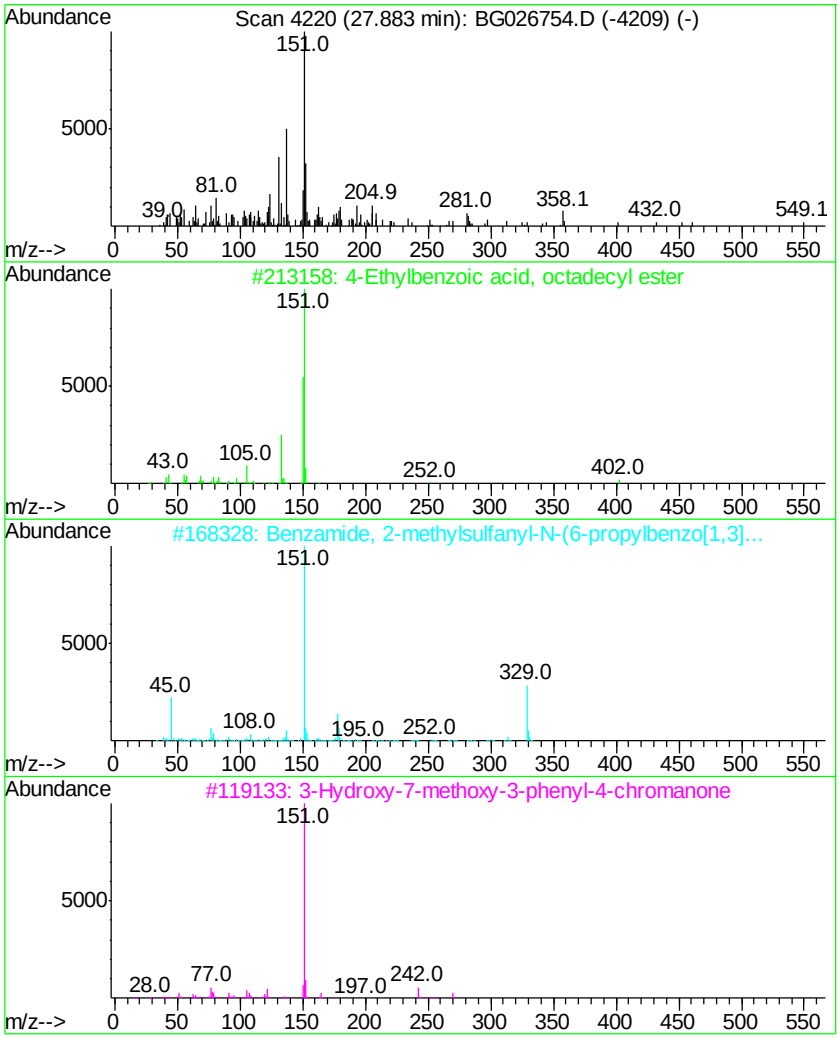
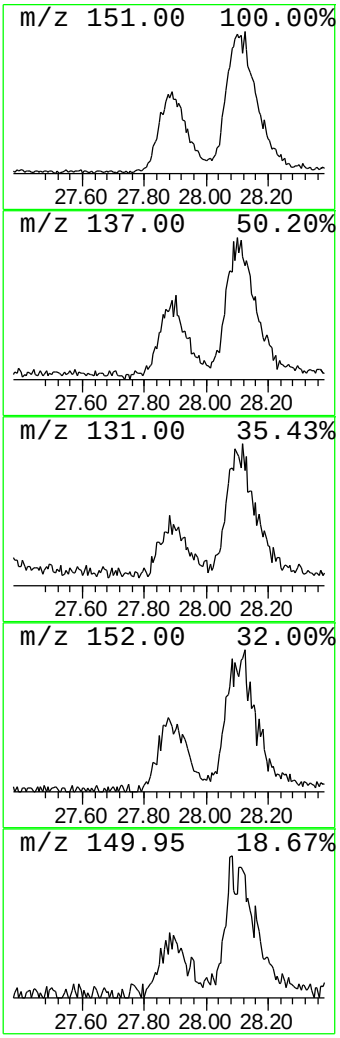
Peak Number 20 unknown-08 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.88	2.73 ng/ul	312651	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbenzoic acid, octadecyl e...	402	C27H46O2	1000292-35-1	43
2	Benzamide, 2-methylsulfanyl-N-(6...	329	C18H19NO3S	1000302-51-4	38
3	3-Hydroxy-7-methoxy-3-phenyl-4-c...	270	C16H14O4	018380-57-9	38
4	1H-Indole, 5-chloro-	151	C8H6ClN	017422-32-1	38
5	2-Methyl-2-adamantanol	166	C11H18O	000702-98-7	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026754.D
Acq On : 28 Apr 2017 19:42
Operator : SJ/MA
Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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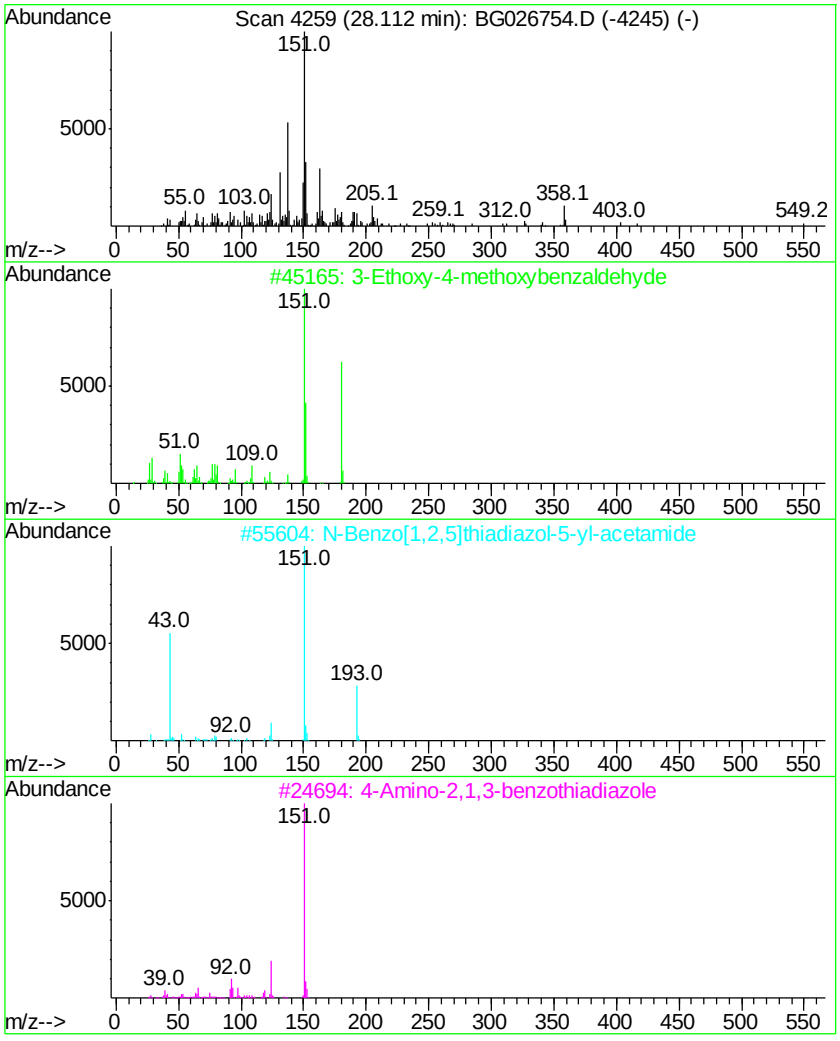
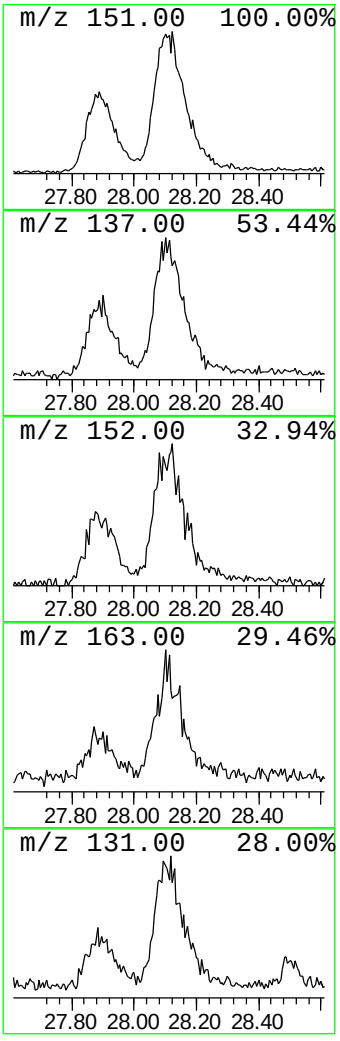
Peak Number 21 unknown-09 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.11	6.03 ng/ul	691516	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethoxy-4-methoxybenzaldehyde	180	C10H12O3	001131-52-8	38
2	N-Benzo[1,2,5]thiadiazol-5-yl-ac...	193	C8H7N3OS	021110-91-8	27
3	4-Amino-2,1,3-benzothiadiazole	151	C6H5N3S	000767-64-6	27
4	1-Allyl-5-(3,4-dimethoxy-benzyl)...	318	C16H18N2O5	1000300-36-2	27
5	Tetrazol-5-amine, N-(3,4-dimetho...	235	C10H13N5O2	1000272-73-1	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026754.D
Acq On : 28 Apr 2017 19:42
Operator : SJ/MA
Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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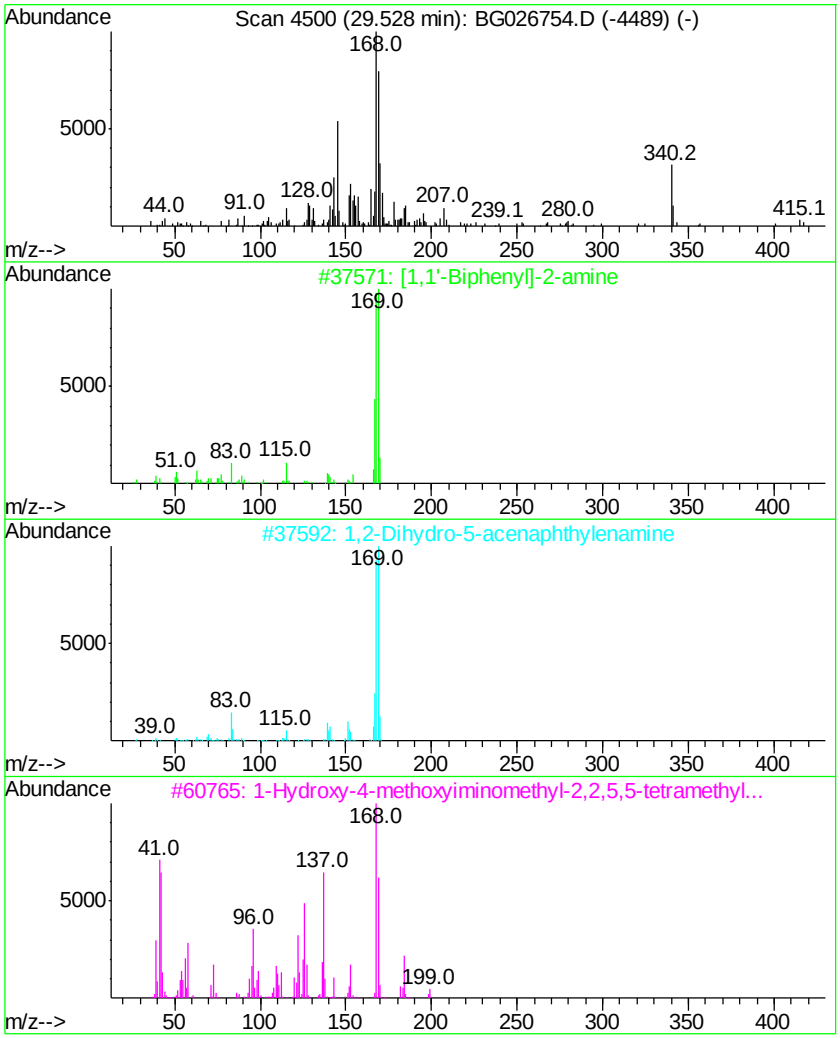
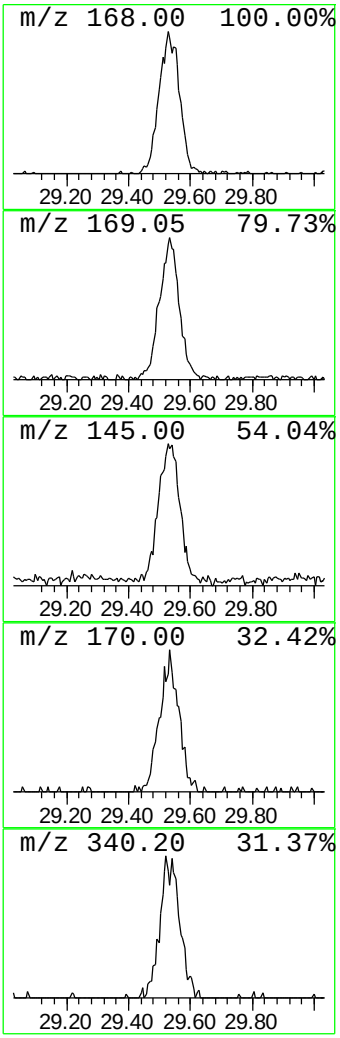
Peak Number 22 unknown-10 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.53	3.98 ng/ul	456345	Perylene-d12	24.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	43
2	1,2-Dihydro-5-acenaphthylenamine	169	C12H11N	004657-93-6	38
3	1-Hydroxy-4-methoxyiminomethyl-2...	199	C9H17N3O2	344411-55-8	38
4	Pyridine, 3-(phenylmethyl)-	169	C12H11N	000620-95-1	38
5	4-Benzylpyrimidine	170	C11H10N2	064660-82-8	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042817\
Data File : BG026754.D
Acq On : 28 Apr 2017 19:42
Operator : SJ/MA
Sample : I2816-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT36

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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
(DEL) Alkane: Cyc...	7.43	3.0	ng/ul	120211	1	8.01	815425	20.0
(DEL) Alkane: Str...	16.31	2.0	ng/ul	206856	4	17.35	2056830	20.0
n-Hexadecanoic acid	18.24	4.5	ng/ul	460815	4	17.35	2056830	20.0
unknown-01	18.36	2.0	ng/ul	207466	4	17.35	2056830	20.0
unknown-02	18.63	5.1	ng/ul	524468	4	17.35	2056830	20.0
18-Norabietane	18.82	25.7	ng/ul	2643860	4	17.35	2056830	20.0
4b,8-Dimethyl-2-i...	18.96	3.1	ng/ul	316911	4	17.35	2056830	20.0
unknown-03	19.08	2.0	ng/ul	205717	4	17.35	2056830	20.0
unknown-04	19.54	8.3	ng/ul	979529	5	21.60	2353660	20.0
unknown-05	19.92	3.4	ng/ul	394340	5	21.60	2353660	20.0
Retene	20.17	75.7	ng/ul	8911630	5	21.60	2353660	20.0
unknown-06	20.79	5.2	ng/ul	607431	5	21.60	2353660	20.0
Dehydroabietic acid	21.23	3.8	ng/ul	440928	5	21.60	2353660	20.0
1-Heneicosanol	21.36	7.9	ng/ul	934553	5	21.60	2353660	20.0
Docosanoic acid, ...	21.74	3.5	ng/ul	412816	5	21.60	2353660	20.0
unknown-07	22.57	3.8	ng/ul	440752	5	21.60	2353660	20.0
Tetracosanoic acid	22.85	2.2	ng/ul	262247	5	21.60	2353660	20.0
Ethyl tetracosanoate	23.00	3.1	ng/ul	361915	5	21.60	2353660	20.0
unknown-08	27.88	2.7	ng/ul	312651	6	24.76	2292480	20.0
unknown-09	28.11	6.0	ng/ul	691516	6	24.76	2292480	20.0
unknown-10	29.53	4.0	ng/ul	456345	6	24.76	2292480	20.0