LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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	55	58	67	rVB2	31134	53349	1.32%	0.077%
2	7.189	688	698	712	rBV	469899	921518	22.74%	1.334%
3	7.330	716	722	730	rVB	405780	653442	16.13%	0.946%
4	7.547	752	759	768	rVB	481362	848301	20.94%	1.228%
5	8.011	830	838	853	rBV	522135	910634	22.47%	1.318%
6	8.570	929	933	942	rVB4	39916	77728	1.92%	0.113%
7	8.722	952	959	977	rBV	587068	1215963	30.01%	1.760%
8	9.169	1028	1035	1045	rBV	481750	871181	21.50%	1.261%
9	9.892	1152	1158	1167	rVB	406498	734646	18.13%	1.064%
10	10.438	1245	1251	1264	rBV	619017	1215478	30.00%	1.760%
11	10.808	1304	1314	1328	rVB	899966	1643014	40.55%	2.379%
12	10.943	1330	1337	1353	rBV	515944	1021034	25.20%	1.478%
13	11.302	1392	1398	1403	rVB3	78828	130949	3.23%	0.190%
14	11.484	1423	1429	1437	rVB5	42449	79454	1.96%	0.115%
15	11.819	1476	1486	1490	rBV4	27411	55836	1.38%	0.081%
16	11.995	1509	1516	1523	rVB2	48815	86806	2.14%	0.126%
17	12.089	1523	1532	1536	rBV	147163	245867	6.07%	0.356%
18	12.136	1536	1540	1545	rVB4	34617	53370	1.32%	0.077%
19	12.224	1550	1555	1560	rBV2	54408	87302	2.15%	0.126%
20	12.377	1573	1581	1592	rVB2	22122	65476	1.62%	0.095%
21	12.530	1601	1607	1614	rBV2	52938	92722	2.29%	0.134%
22	13.076	1694	1700	1705	rVV	99909	160080	3.95%	0.232%
23	13.153	1705	1713	1720	rVB5	77886	159213	3.93%	0.230%
24	13.440	1754	1762	1766	rBV2	81110	125953	3.11%	0.182%
25	13.899	1830	1840	1844	rBV2	27372	70313	1.74%	0.102%
26	13.952	1844	1849	1854	rVB6	33092	69269	1.71%	0.100%
27	14.022	1854	1861	1866	rBV	1231625	1792768	44.24%	2.595%
28	14.069	1866	1869	1872	rBV	190069	234342	5.78%	0.339%
29	14.316	1904	1911	1918	rVB	1511133	2396653	59.15%	3.470%
30	14.386	1918	1923	1930	rVB	185246	269175	6.64%	0.390%
31	14.463	1930	1936	1941	rBV5	63621	106375	2.63%	0.154%
32	14.621	1952	1963	1977	rBV2	1324216	2384732	58.85%	3.452%
33	14.851	1996	2002	2014	rBV2	270254	693421	17.11%	1.004%
34	14.950	2014	2019	2023	rVB	182487	261396	6.45%	0.378%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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	15.285	2071	2076	2080	rVV7	35206	73803	1.82%	0.107%
36	15.409	2089	2097	2101	rBV	98193	167520	4.13%	0.243%
37	15.456	2101	2105	2109	rVB	43812	56229	1.39%	0.081%
38	15.608	2120	2131	2136	rBV	1790935	2809820	69.35%	4.068%
39	15.655	2136	2139	2146	rVV	183748	262539	6.48%	0.380%
40	15.732	2146	2152	2161	rVB	419492	628960	15.52%	0.911%
41	15.861	2163	2174	2185	rBV	251489	510650	12.60%	0.739%
42	16.084	2208	2212	2221	rBV9	44435	82712	2.04%	0.120%
43	16.202	2227	2232	2237	rBV2	207684	319837	7.89%	0.463%
44	16.255	2237	2241	2247	rBV3	57674	93795	2.31%	0.136%
45	16.337	2247	2255	2262	rBV	692957	1198582	29.58%	1.735%
46	16.478	2274	2279	2284	rBV2	133753	196482	4.85%	0.284%
47	16.637	2298	2306	2311	rBV5	62973	128917	3.18%	0.187%
48	16.695	2311	2316	2322	rVV2	263626	542997	13.40%	0.786%
49	16.748	2322	2325	2331	rVB3	112529	170714	4.21%	0.247%
50	16.889	2341	2349	2350	rBV8	39506	69392	1.71%	0.100%
51	16.954	2357	2360	2367	rVB6	37952	82177	2.03%	0.119%
52	17.024	2368	2372	2377	rBV6	32215	53295	1.32%	0.077%
53	17.101	2380	2385	2389	rBV2	71622	118214	2.92%	0.171%
54	17.160	2389	2395	2402	rVB	572851	892473	22.03%	1.292%
55	17.265	2406	2413	2416	rBV3	60178	120529	2.97%	0.174%
56	17.359	2417	2429	2435	rVV2	1392295	2194072	54.15%	3.176%
57	17.459	2436	2446	2454	rVB	1793961	2880837	71.10%	4.171%
58	17.553	2455	2462	2465	rBV3	110713	217829	5.38%	0.315%
59	17.759	2493	2497	2505	rVB	118735	188947	4.66%	0.274%
60	17.841	2506	2511	2522	rVV4	115158	219154	5.41%	0.317%
61	18.076	2546	2551	2557	rVV10	26485	65330	1.61%	0.095%
62	18.176	2558	2568	2572	rBV6	153514	427985	10.56%	0.620%
63	18.241	2576	2579	2589	rVB3	170435	255075	6.30%	0.369%
64	18.388	2598	2604	2609	rVB	197735	288097	7.11%	0.417%
65	18.523	2623	2627	2635	rBV8	50526	144188	3.56%	0.209%
66	18.652	2643	2649	2655	rVB3	162291	310618	7.67%	0.450%
67	18.822	2673	2678	2683	rVB7	60913	102159	2.52%	0.148%
68	18.952	2695	2700	2703	rBV4	73354	158102	3.90%	0.229%
69	19.040	2713	2715	2720	rVB2	47449	59667	1.47%	0.086%
70	19.104	2722	2726	2732	rBV5	75622	156087	3.85%	0.226%
71	19.192	2736	2741	2746	rVB	296044	401963	9.92%	0.582%

LSC Area Percent Report

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Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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	19.322	2759	2763	2766	rBV3	61201	106945	2.64%	0.155%
73	19.416	2776	2779	2782	rBV3	59444	66639	1.64%	0.096%
74	19.457	2782	2786	2791	rBV5	112836	168515	4.16%	0.244%
75	19.504	2791	2794	2804	rVB7	92870	153127	3.78%	0.222%
76	19.586	2805	2808	2812	rBV5	44091	60580	1.50%	0.088%
77	19.698	2822	2827	2829	rBV	211771	282099	6.96%	0.408%
78	19.739	2829	2834	2846	rVB	2109823	3039030	75.00%	4.400%
79	19.845	2848	2852	2859	rBV9	56712	150384	3.71%	0.218%
80	19.968	2867	2873	2882	rVB4	237736	400720	9.89%	0.580%
81	20.174	2904	2908	2913	rVB	343535	451566	11.14%	0.654%
82	20.538	2967	2970	2980	rBV	69369	188515	4.65%	0.273%
83	20.638	2981	2987	2992	rVB2	393775	621658	15.34%	0.900%
84	20.750	3002	3006	3015	rBV6	83316	167272	4.13%	0.242%
85	21.255	3089	3092	3100	rVB5	217914	362384	8.94%	0.525%
86	21.601	3146	3151	3160	rVB	1367662	2195580	54.19%	3.179%
87	24.087	3568	3574	3581	rBV5	134744	318268	7.85%	0.461%
88	24.557	3645	3654	3663	rBV3	985045	2693959	66.49%	3.900%
89	24.768	3682	3690	3709	rVB2	1023523	3331537	82.22%	4.823%
90	25.103	3736	3747	3759	rVB4	838893	2793998	68.95%	4.045%
91	25.544	3815	3822	3827	rBV4	99826	308504	7.61%	0.447%
92	25.755	3848	3858	3868	rBV7	154315	694248	17.13%	1.005%
93	26.032	3896	3905	3916	rBV5	334759	1043478	25.75%	1.511%
94	26.484	3971	3982	4006	rVB3	917126	3607076	89.02%	5.222%
95	27.160	4090	4097	4108	rVB8	224619	834742	20.60%	1.208%
96	27.583	4156	4169	4185	rBV2	1090707	4051938	100.00%	5.866%
97	28.194	4261	4273	4292	rBV3	407009	1736487	42.86%	2.514%
98	29.075	4414	4423	4437	rVB7	213654	822576	20.30%	1.191%
99	29.257	4445	4454	4470	rVB6	172362	700440	17.29%	1.014%
100	29.827	4540	4551	4575	rVB3	222173	1285702	31.73%	1.861%

Sum of corrected areas: 69075474

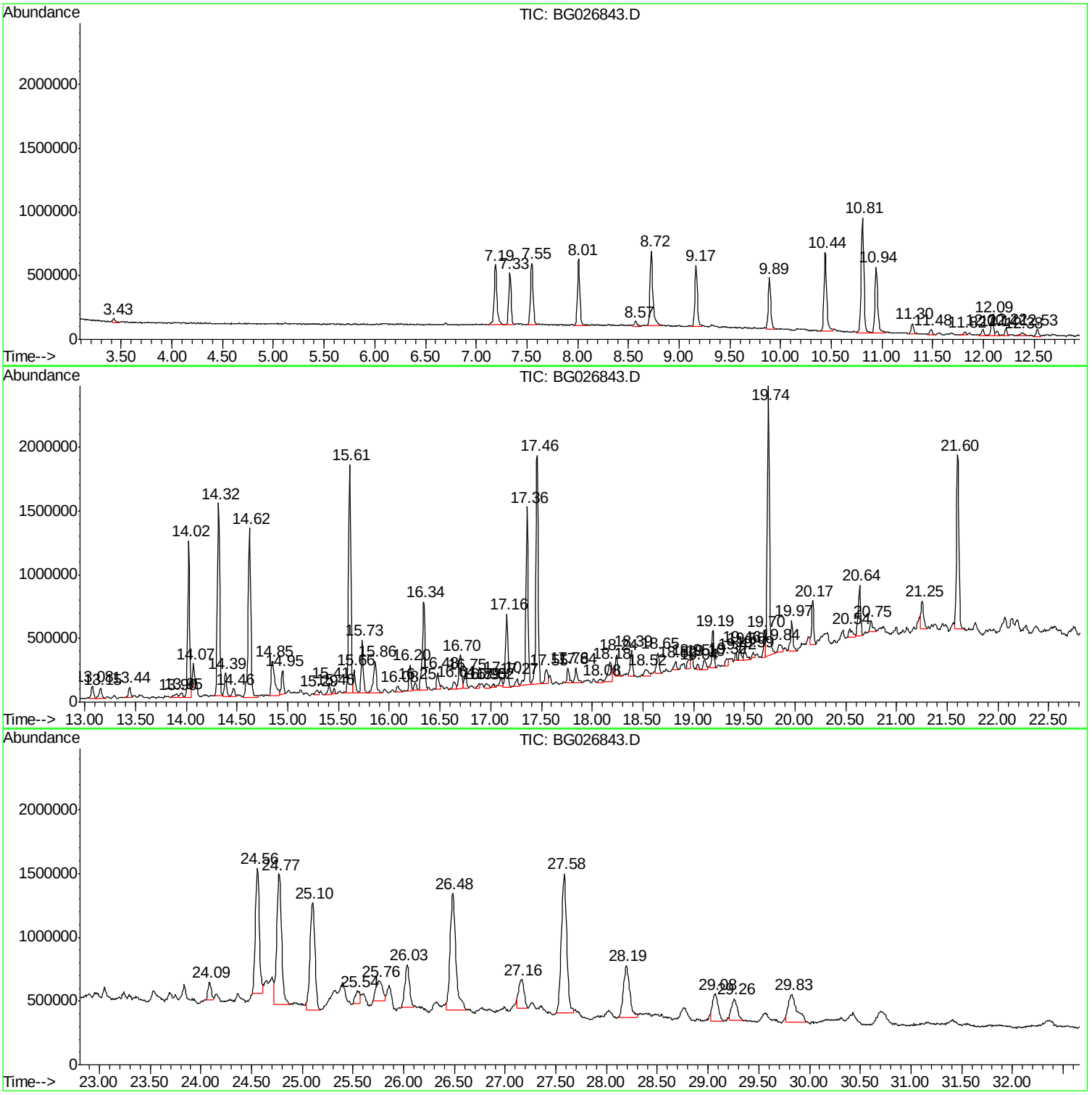
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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\BG050117\
Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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

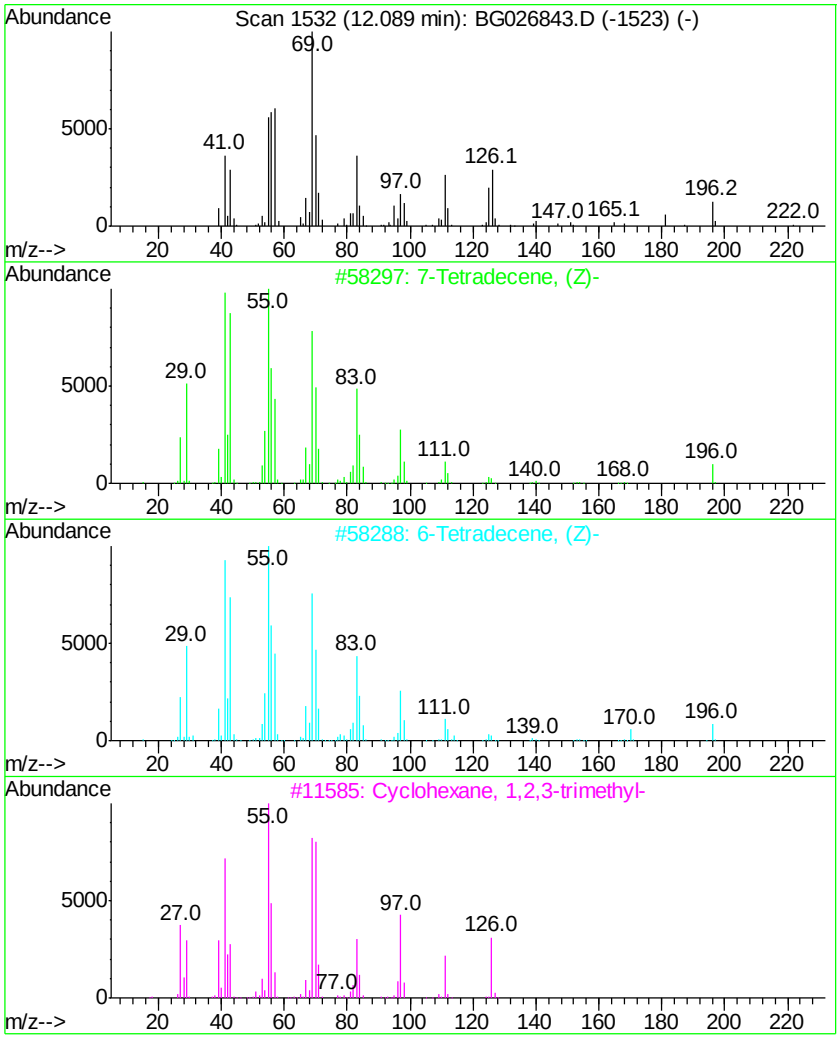
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

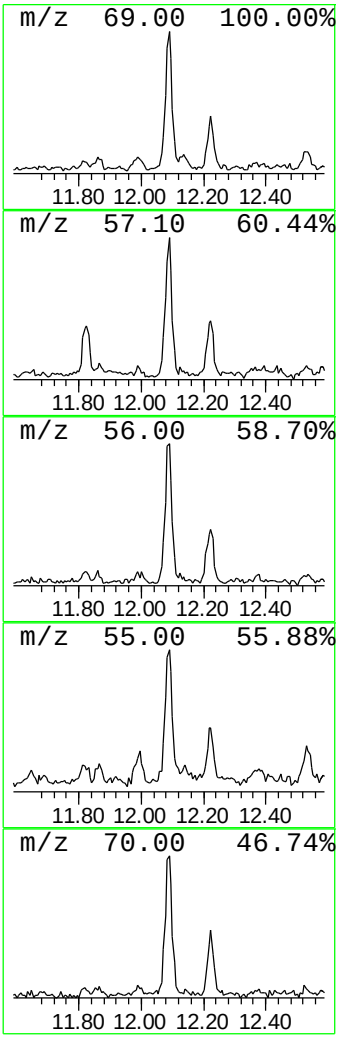
****

Peak Number 1 (DEL) Alkane: Cyclic12.09 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.99 ng/ul	245867	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	64
2	6-Tetradecene, (Z)-	196	C14H28	041446-61-1	64
3	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	64
4	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	64
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	62





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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

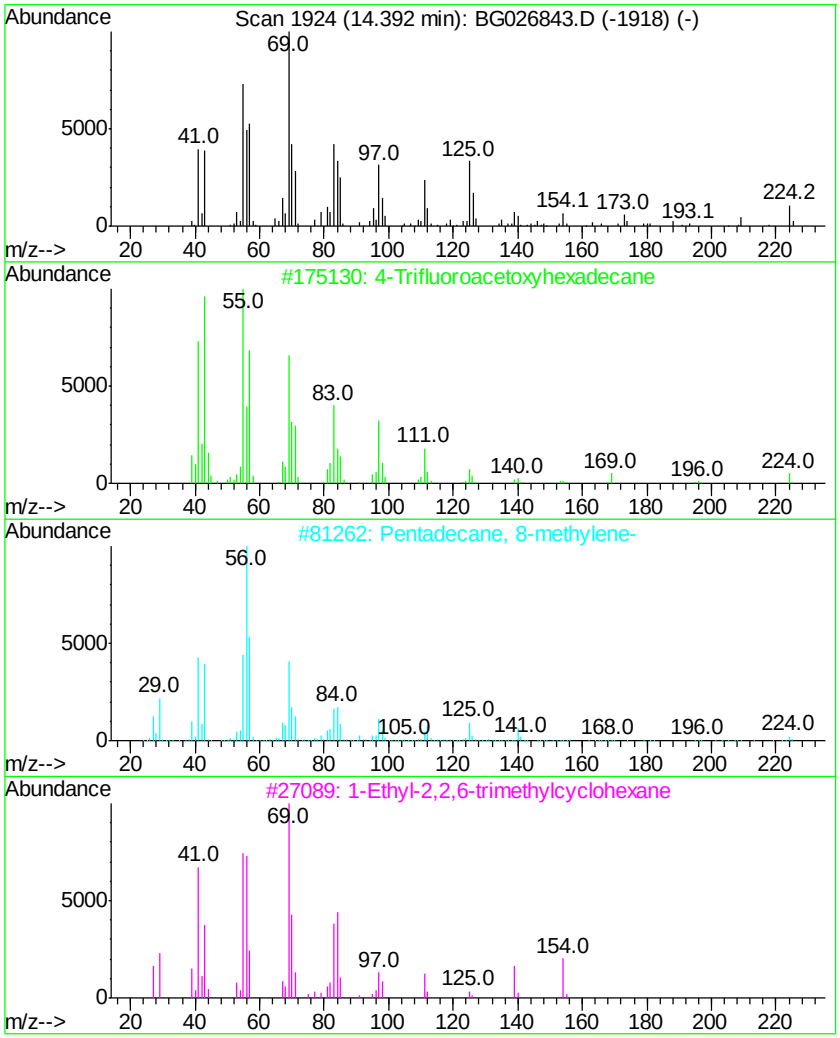
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

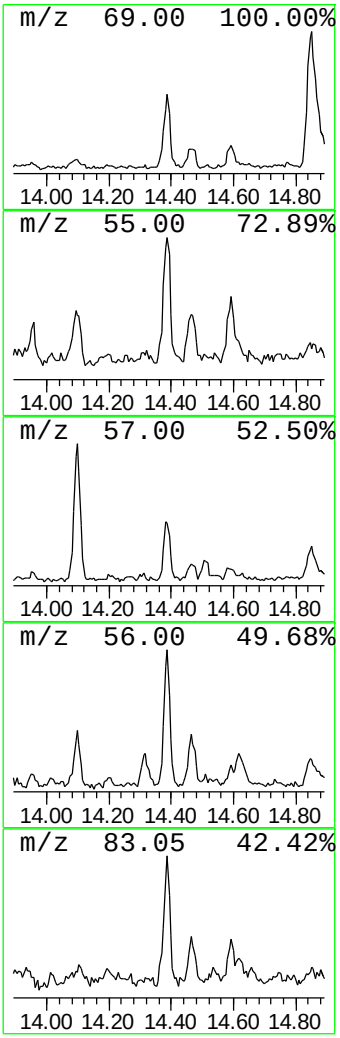
****

Peak Number 2 4-Trifluoroacetoxyhexadecane Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	2.26 ng/ul	269175	Acenaphthene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Trifluoroacetoxyhexadecane	338	C18H33F3O2	1000215-97-5	80
2	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	74
3	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	72
4	Cyclopentane, hexyl-	154	C11H22	004457-00-5	62
5	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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

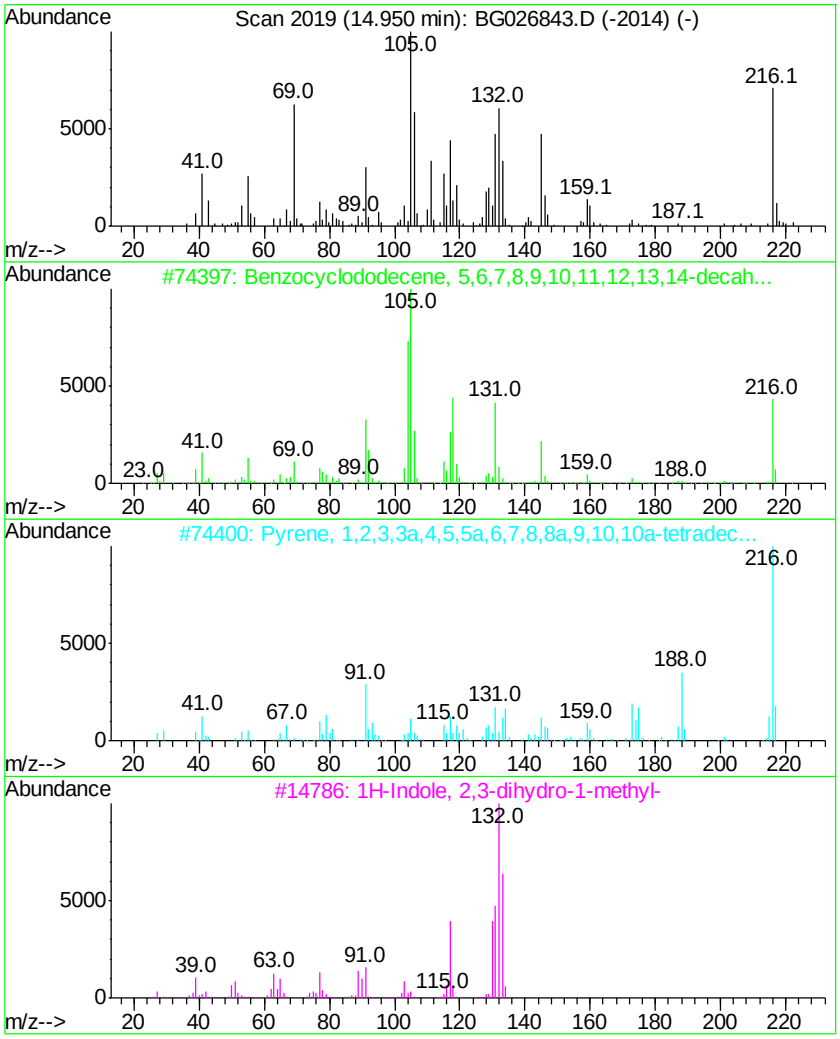
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

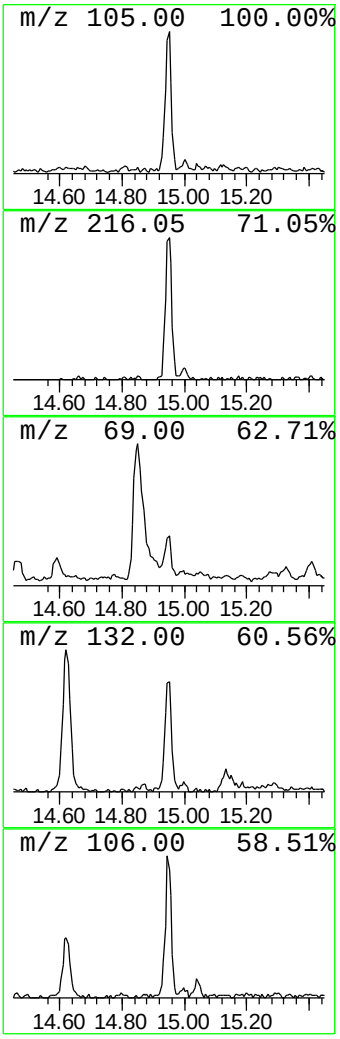
****

Peak Number 3 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.19 ng/ul	261396	Acenaphthene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocyclododecene, 5,6,7,8,9,10...	216	C16H24	007125-10-2	49
2	Pyrene, 1,2,3,3a,4,5,5a,6,7,8,8a...	216	C16H24	126188-35-0	38
3	1H-Indole, 2,3-dihydro-1-methyl-	133	C9H11N	000824-21-5	35
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	14
5	Benzene, (2-methyl-1-methylenebu...	160	C12H16	026452-86-8	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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

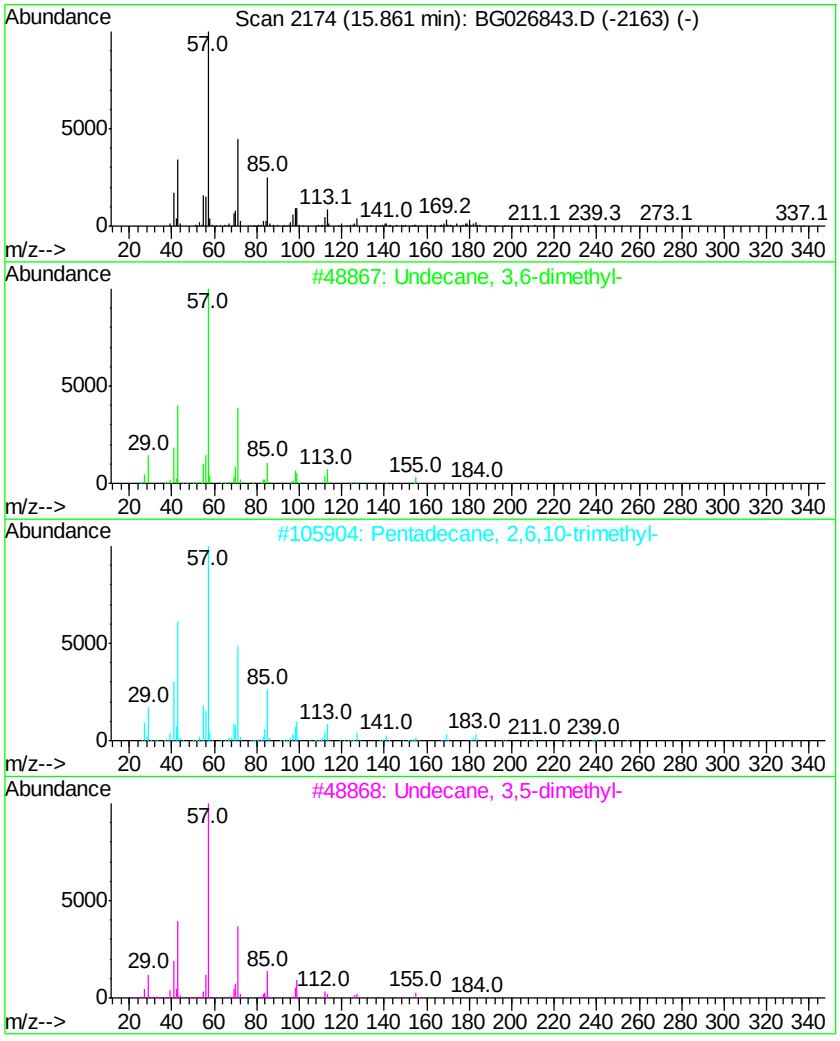
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

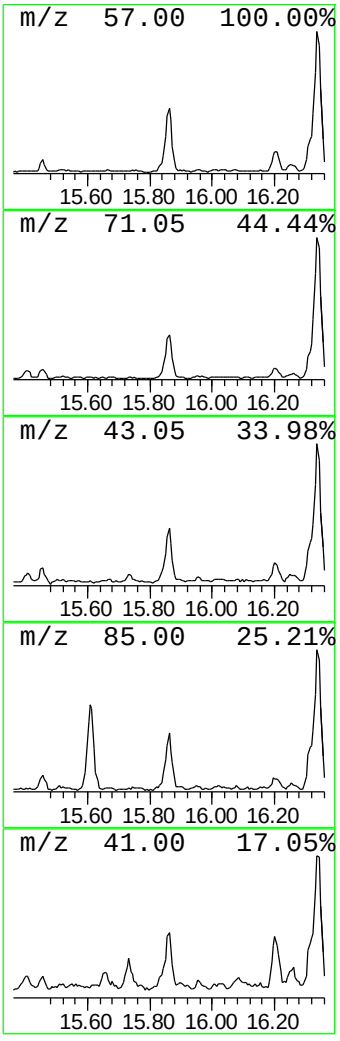
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	4.28 ng/ul	510650	Acenaphthene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	93
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	81
4	Tetratetracontane	619	C44H90	007098-22-8	72
5	Heptacosane	380	C27H56	000593-49-7	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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

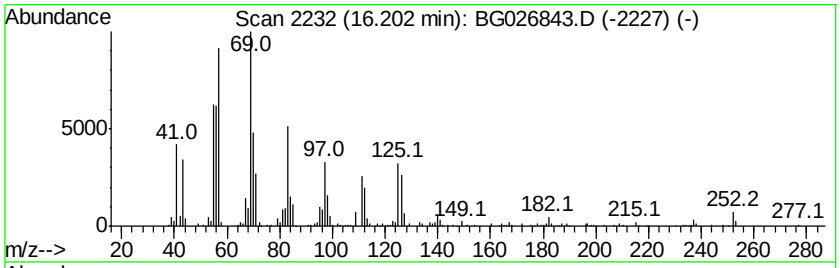
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

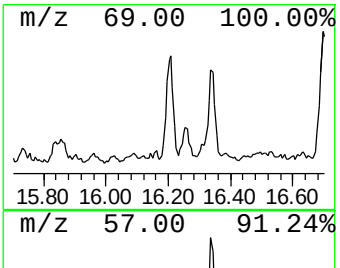
****

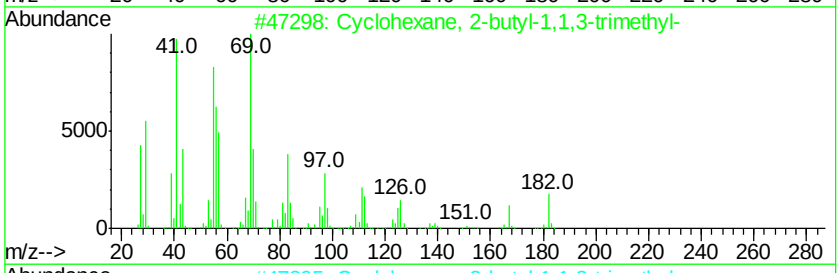
Peak Number 5 (DEL) Alkane: Cyclic16.20 Concentration Rank 22

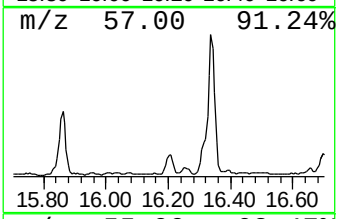
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	2.92 ng/ul	319837	Phenanthrene-d10	17.36

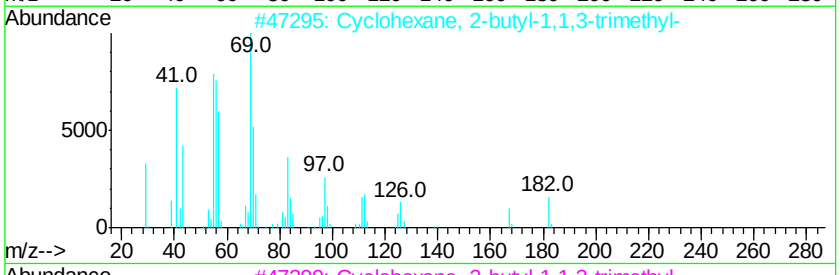
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	87
4	7-Tetradecene, (E)-	196	C14H28	041446-63-3	68
5	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	62

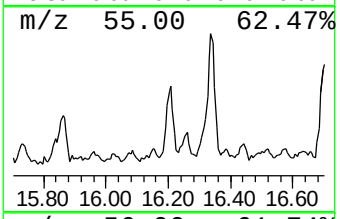


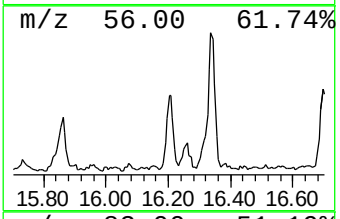


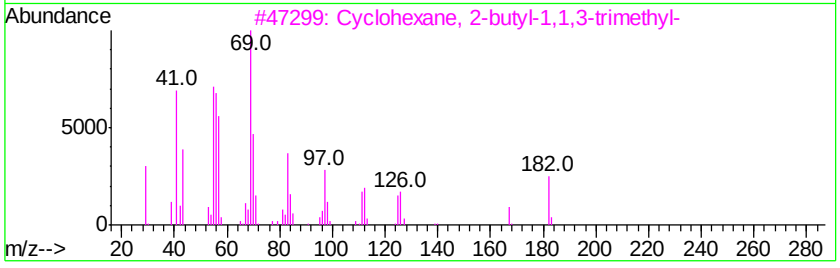


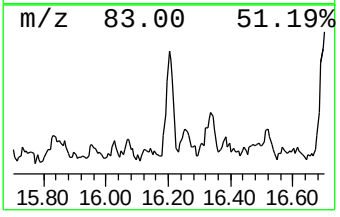












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Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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

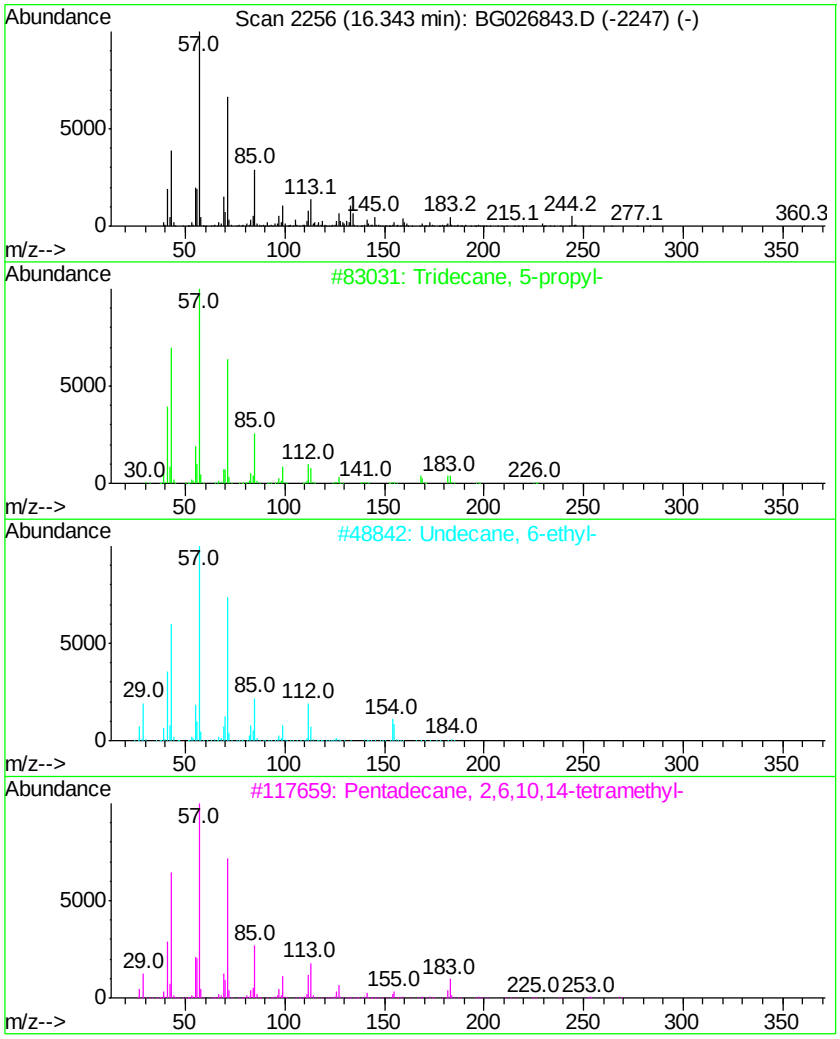
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

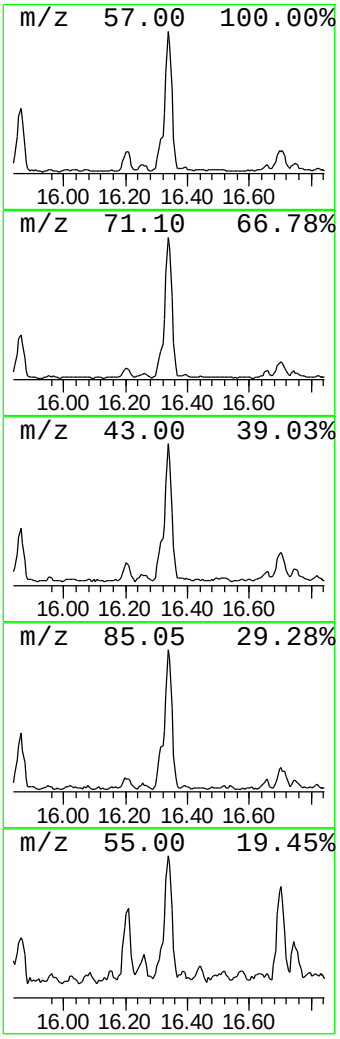
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	10.93 ng/ul	1198580	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
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Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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

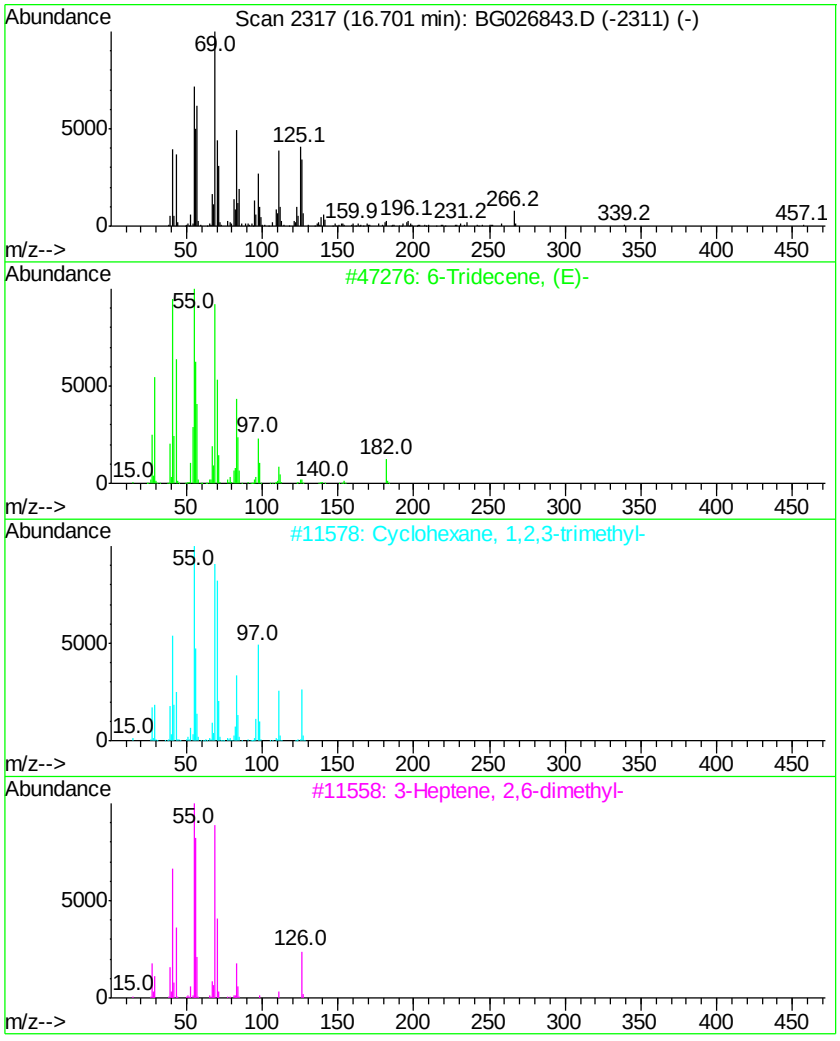
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

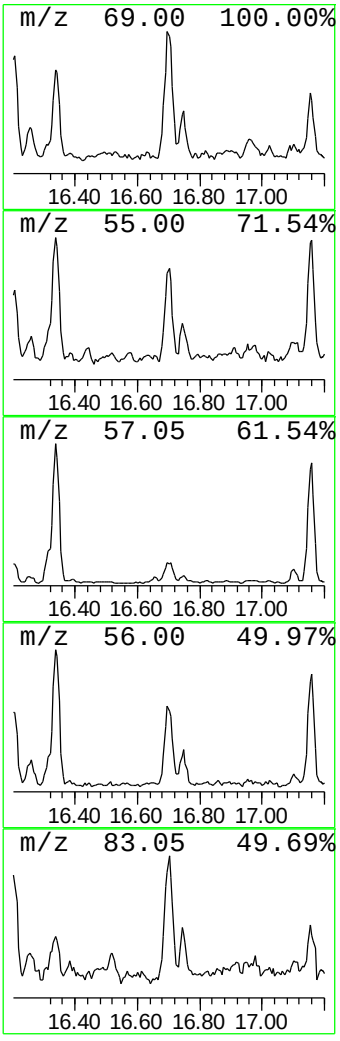
****

Peak Number 7 (DEL) Alkane: Cyclic16.70 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	4.95 ng/ul	542997	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, (E)-	182	C13H26	006434-76-0	76
2	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	58
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	58
4	7-Tetradecene, (E)-	196	C14H28	041446-63-3	55
5	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	55





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Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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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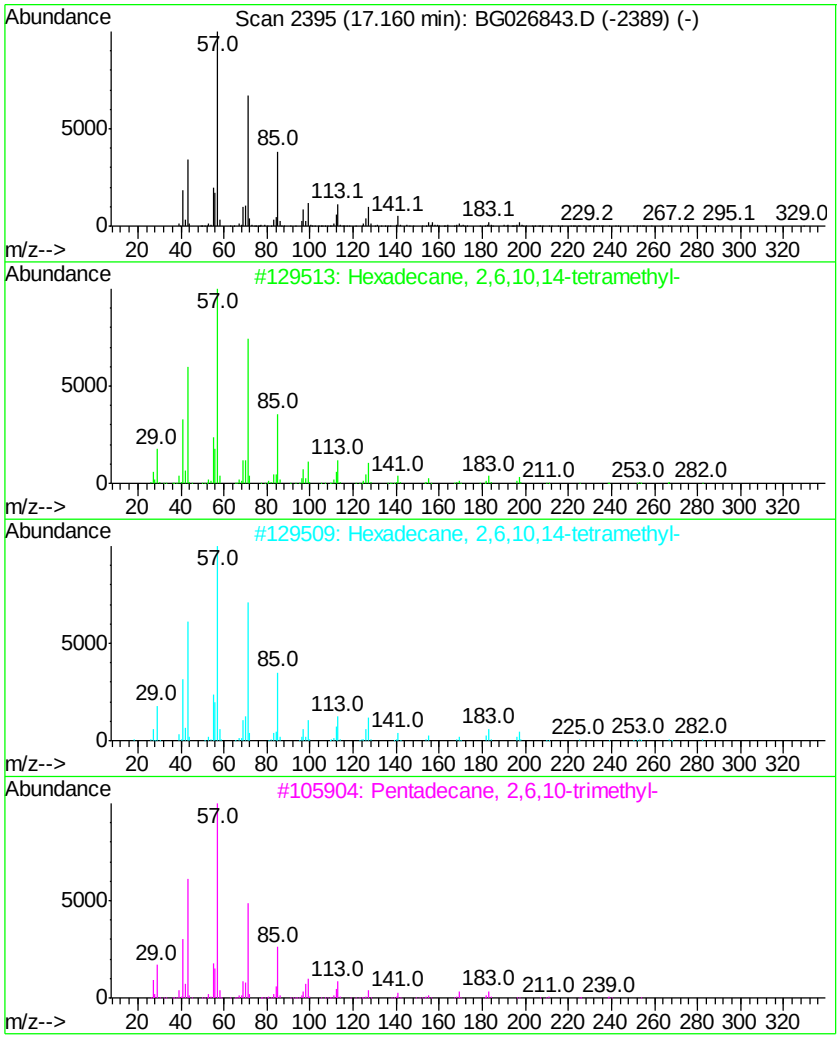
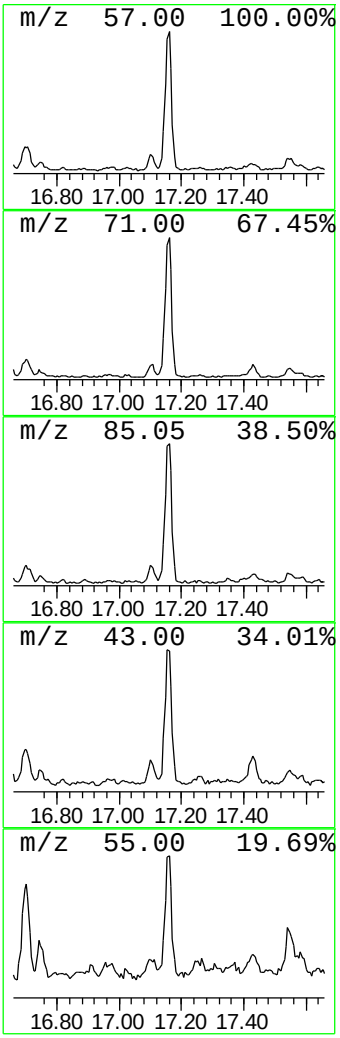
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	8.14 ng/ul	892473	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





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Data File : BG026843.D
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Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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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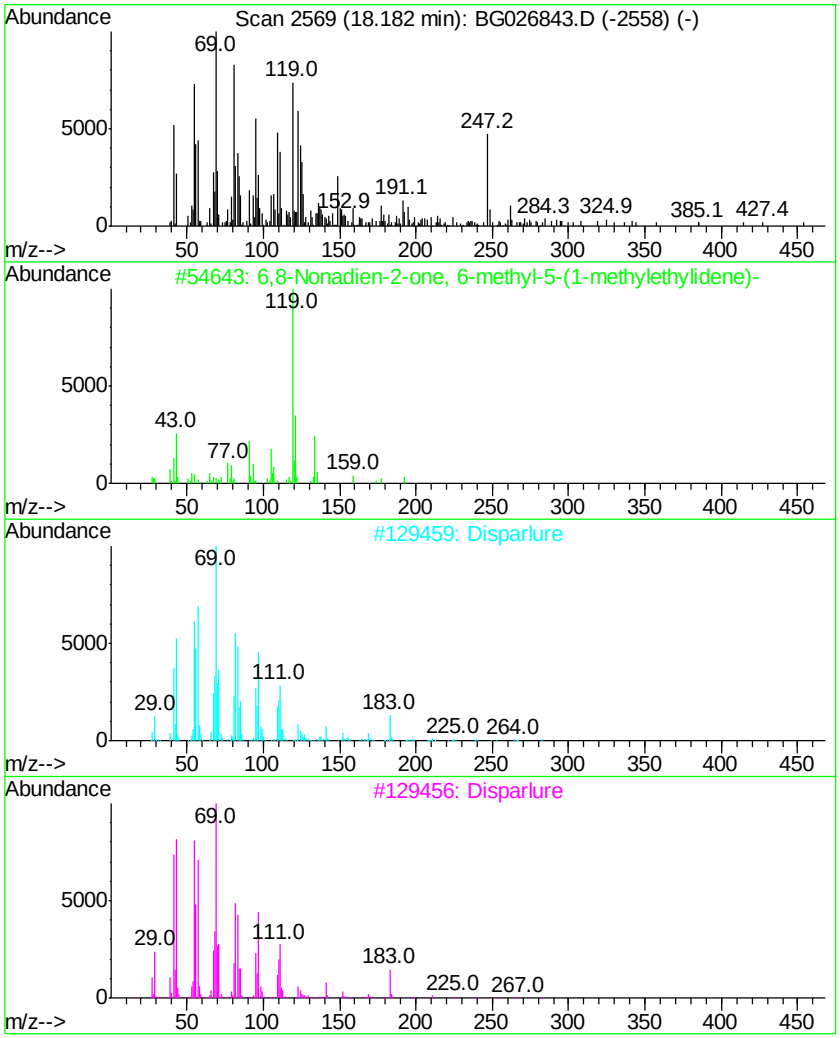
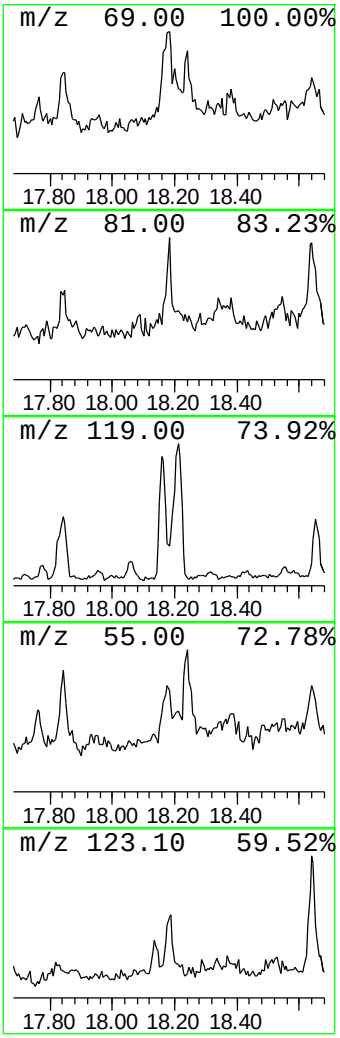
Peak Number 9 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	3.90 ng/ul	427985	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,8-Nonadien-2-one, 6-methyl-5-(...	192	C13H20O	060714-16-1	25
2	Disparlure	282	C19H38O	029804-22-6	25
3	Disparlure	282	C19H38O	029804-22-6	20
4	Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	18
5	2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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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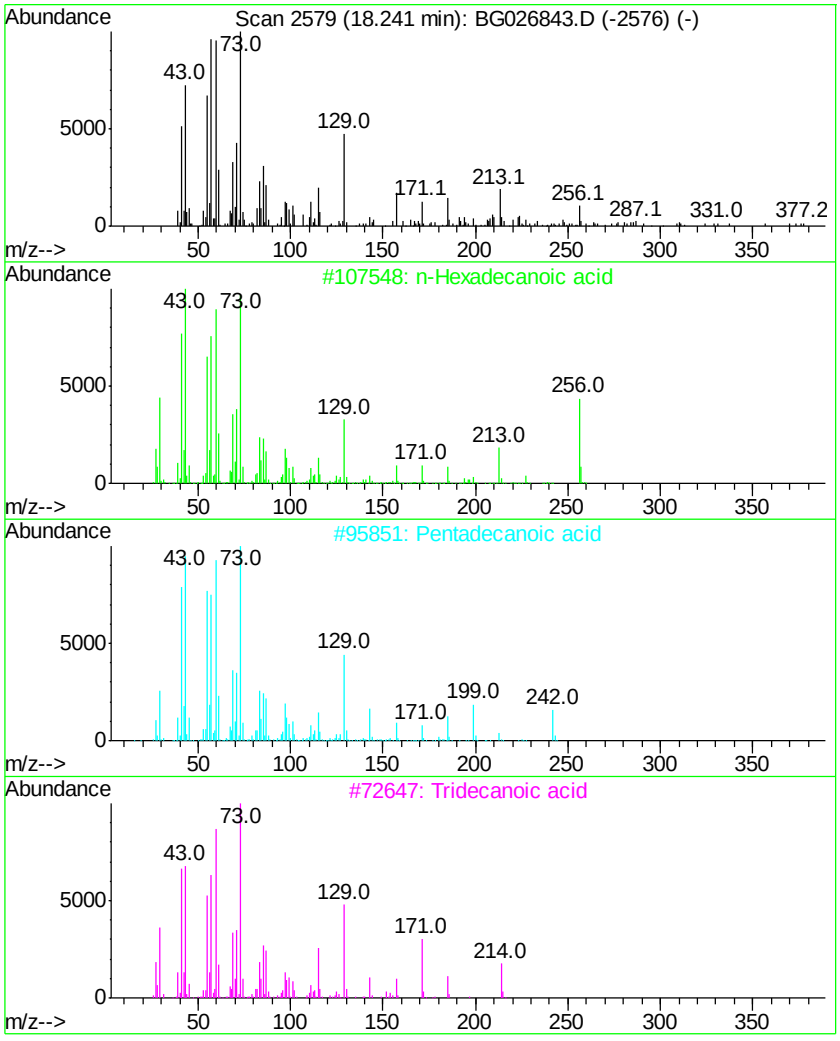
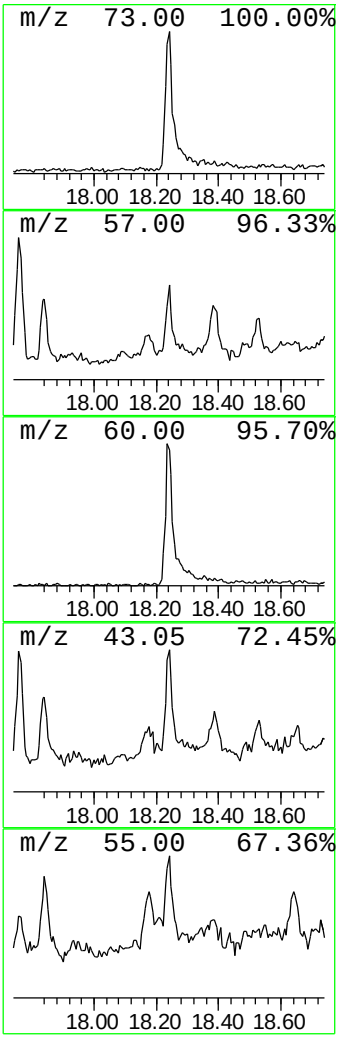
Peak Number 10 n-Hexadecanoic acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.33 ng/ul	255075	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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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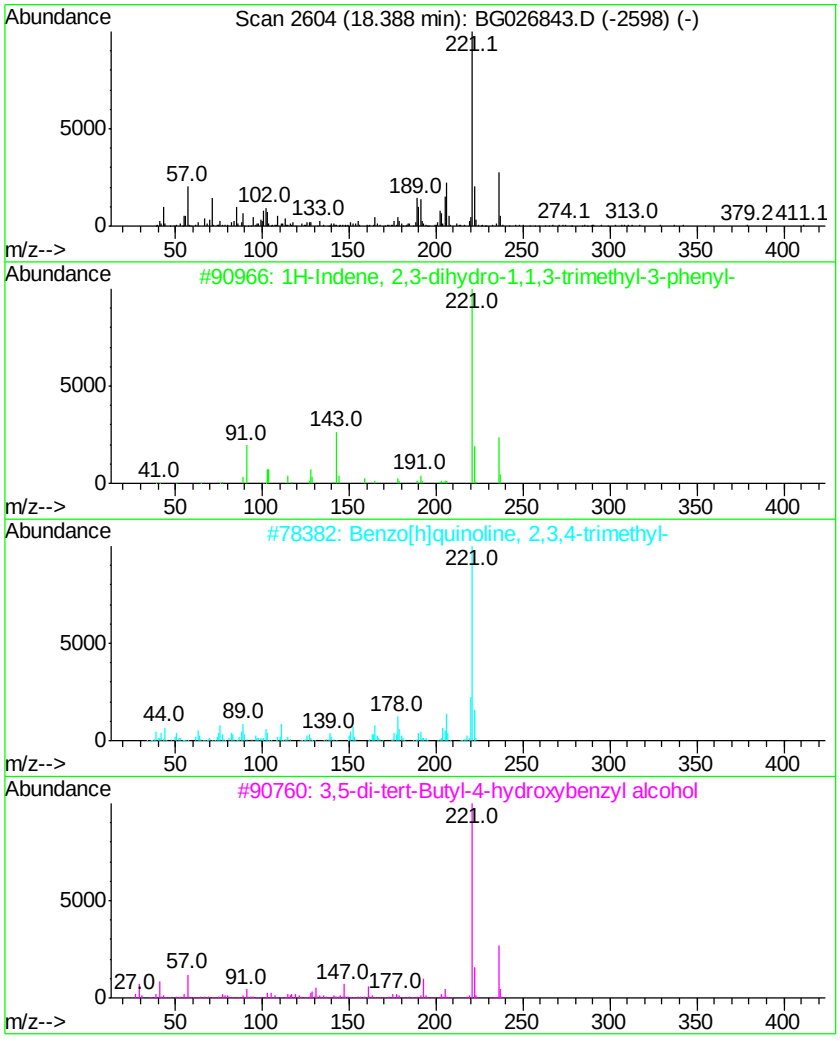
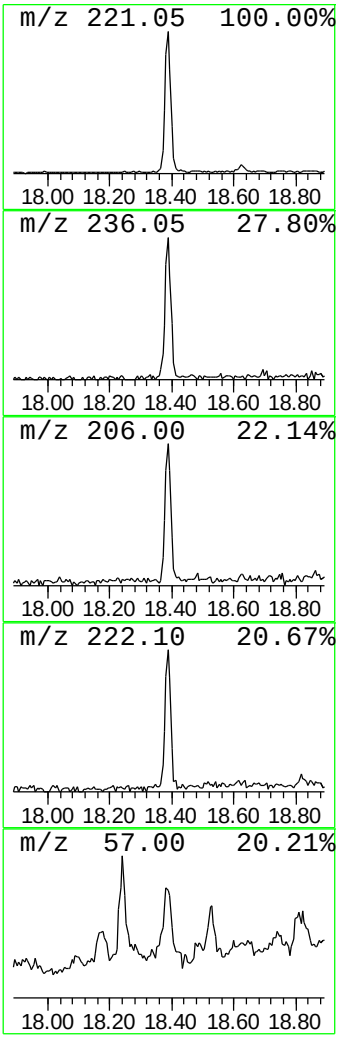
Peak Number 11 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.63 ng/ul	288097	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	58
2	Benzo[h]quinoline, 2,3,4-trimethyl-	221	C16H15N	063042-66-0	53
3	3,5-di-tert-Butyl-4-hydroxybenzy...	236	C15H24O2	000088-26-6	53
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	53
5	2-Methyl-2-[2-(2,6,6-trimethyl-c...	236	C15H24O2	014398-32-4	50





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Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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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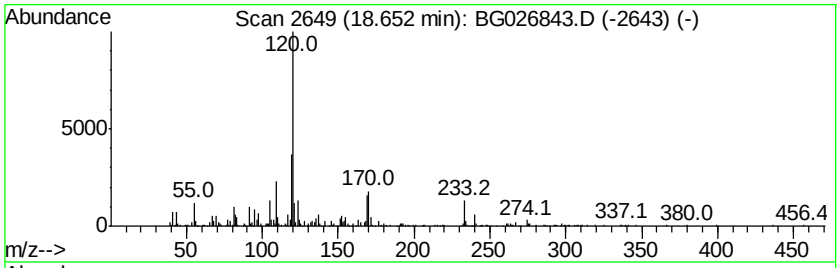
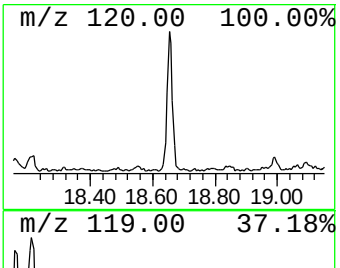
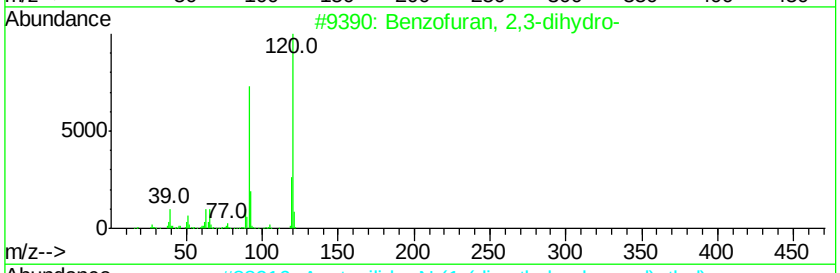
Peak Number 12 unknown-03 Concentration Rank 23

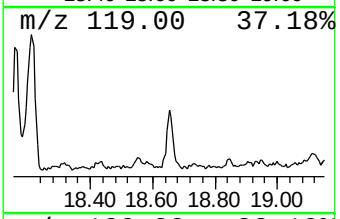
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	2.83 ng/ul	310618	Phenanthrene-d10	17.36

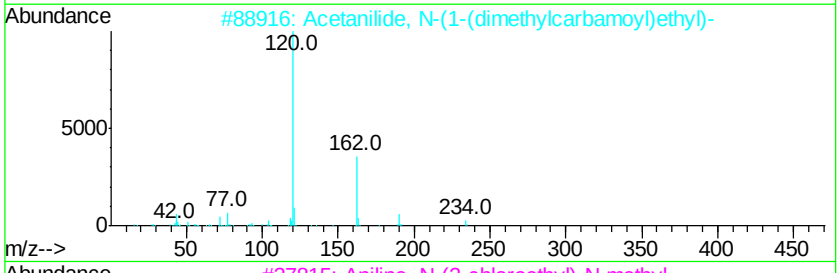
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	47
2	Acetanilide, N-(1-(dimethylcarba...	234	C13H18N2O2	092032-77-4	43
3	Aniline, N-(2-chloroethyl)-N-met...	169	C9H12ClN	001669-85-8	43
4	4-Amino-N-phenethyl-benzamide	240	C15H16N2O	1000300-39-6	43
5	N,N-Dibenzylethylenediamine diac...	324	C20H24N2O2	000122-75-8	38

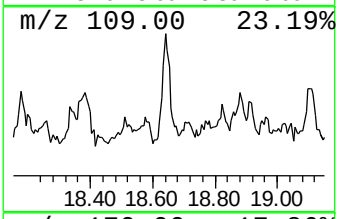


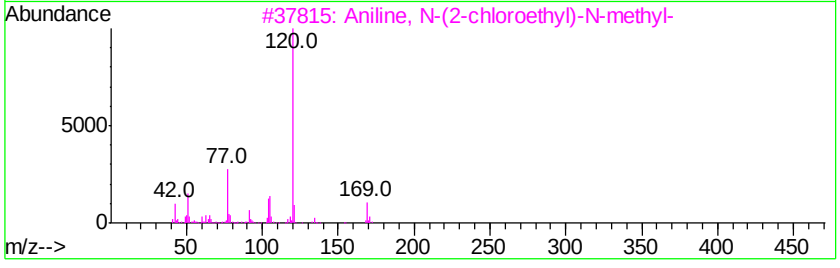


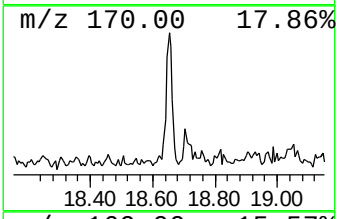


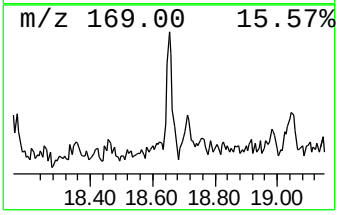












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Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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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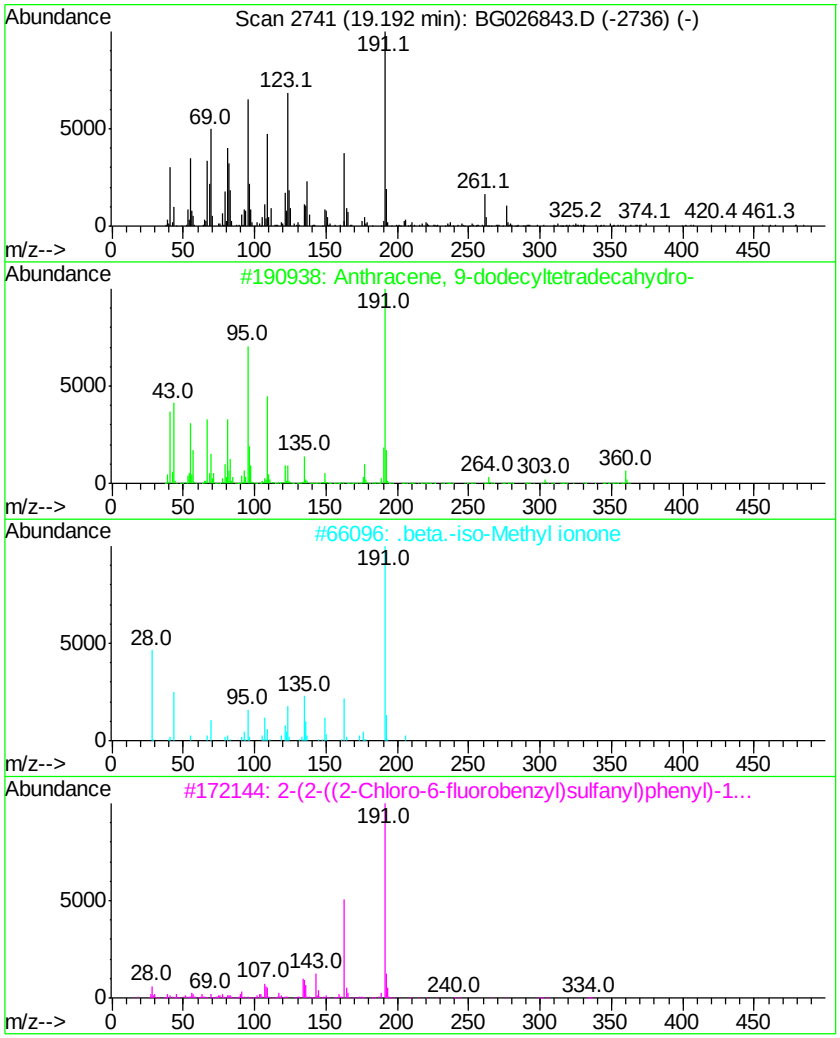
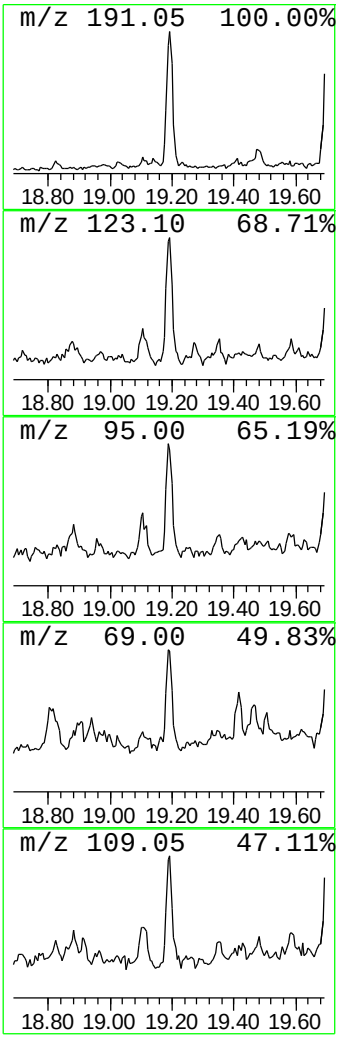
Peak Number 13 Anthracene, 9-dodecyltetrad... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	3.66 ng/ul	401963	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	52
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	35
3	2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	27
4	Butanamide, 3-(3-fluorobenzoylhy...	345	C18H17F2N3O2	1000260-11-6	27
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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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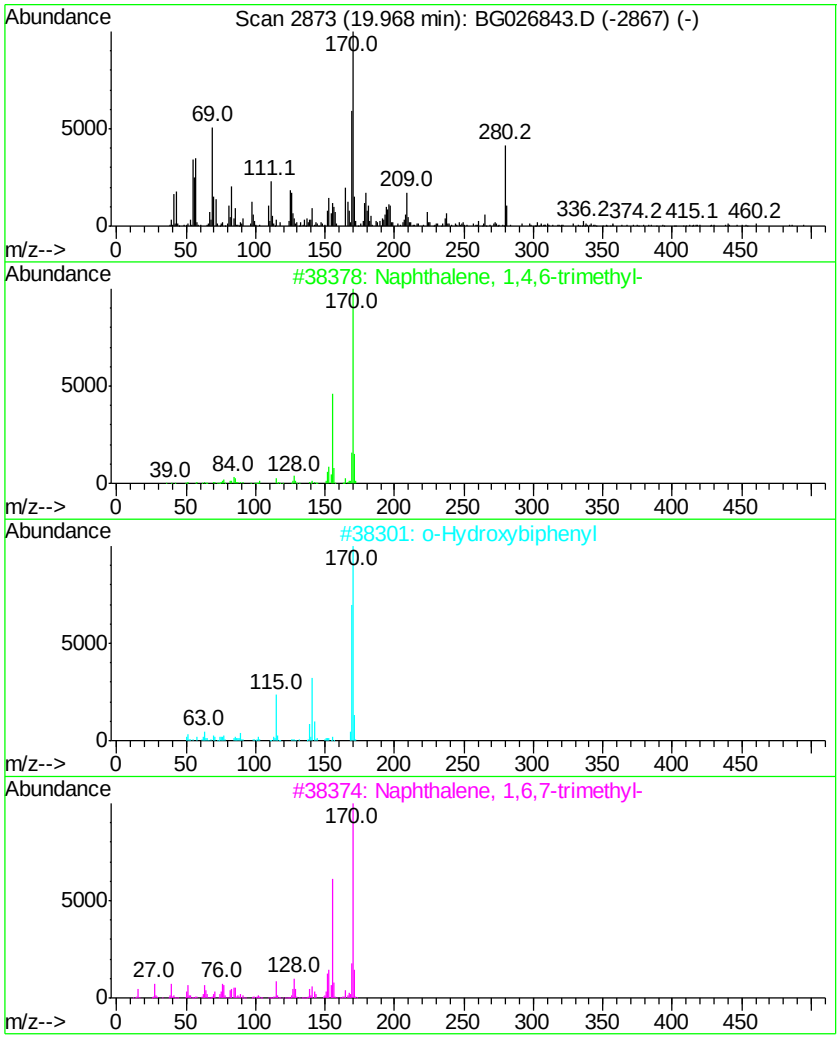
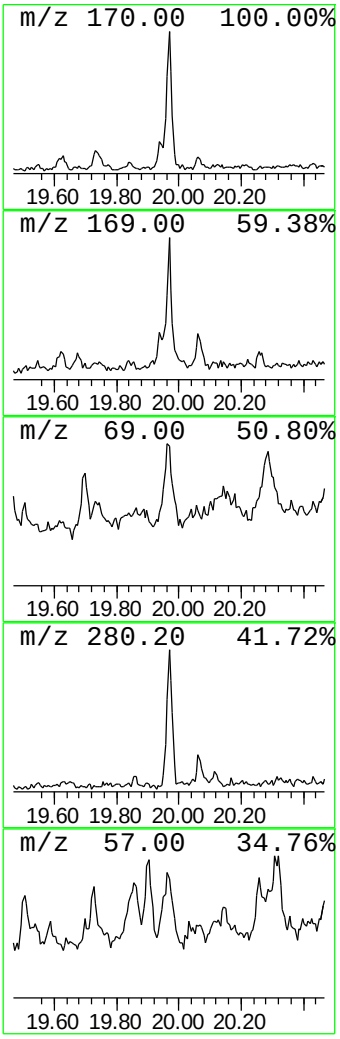
Peak Number 14 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	3.65 ng/ul	400720	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	38
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	38
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	30
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	30
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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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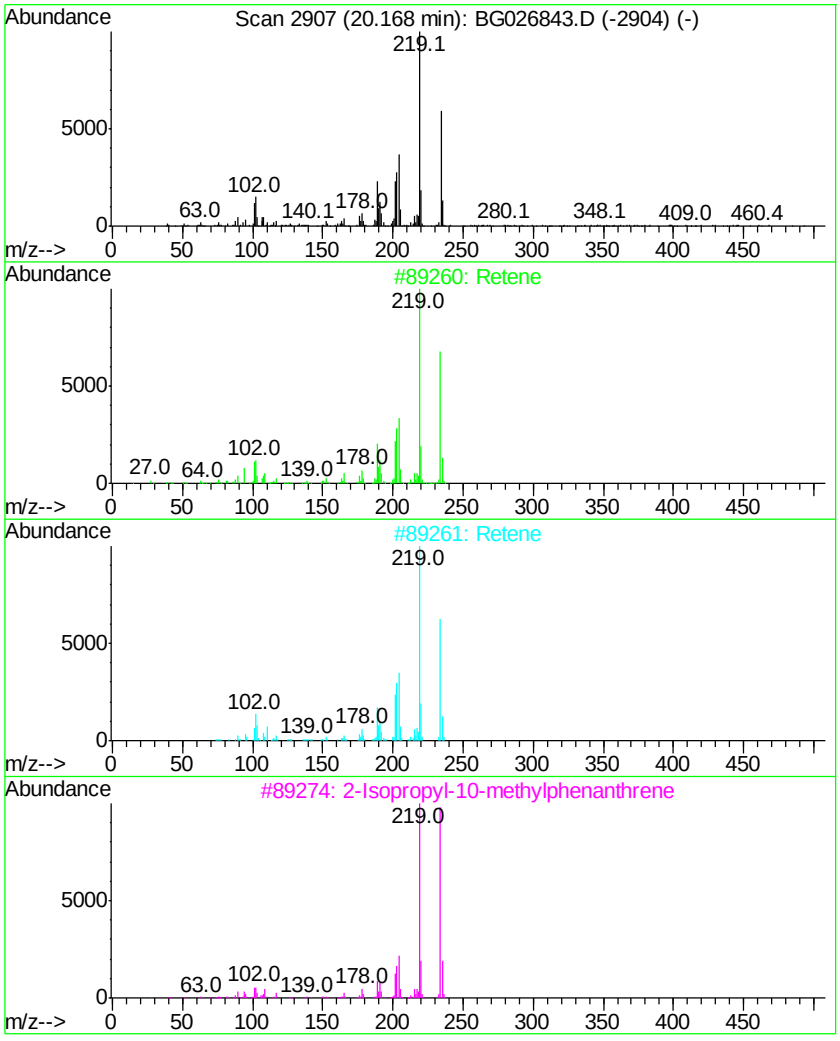
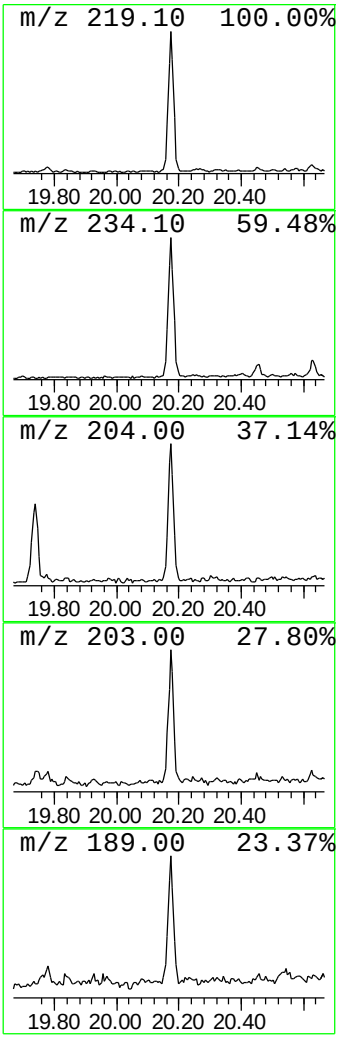
Peak Number 15 Retene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	4.11 ng/ul	451566	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	Retene	234	C18H18	000483-65-8	95
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
4	Retene	234	C18H18	000483-65-8	87
5	Retene	234	C18H18	000483-65-8	78





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Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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

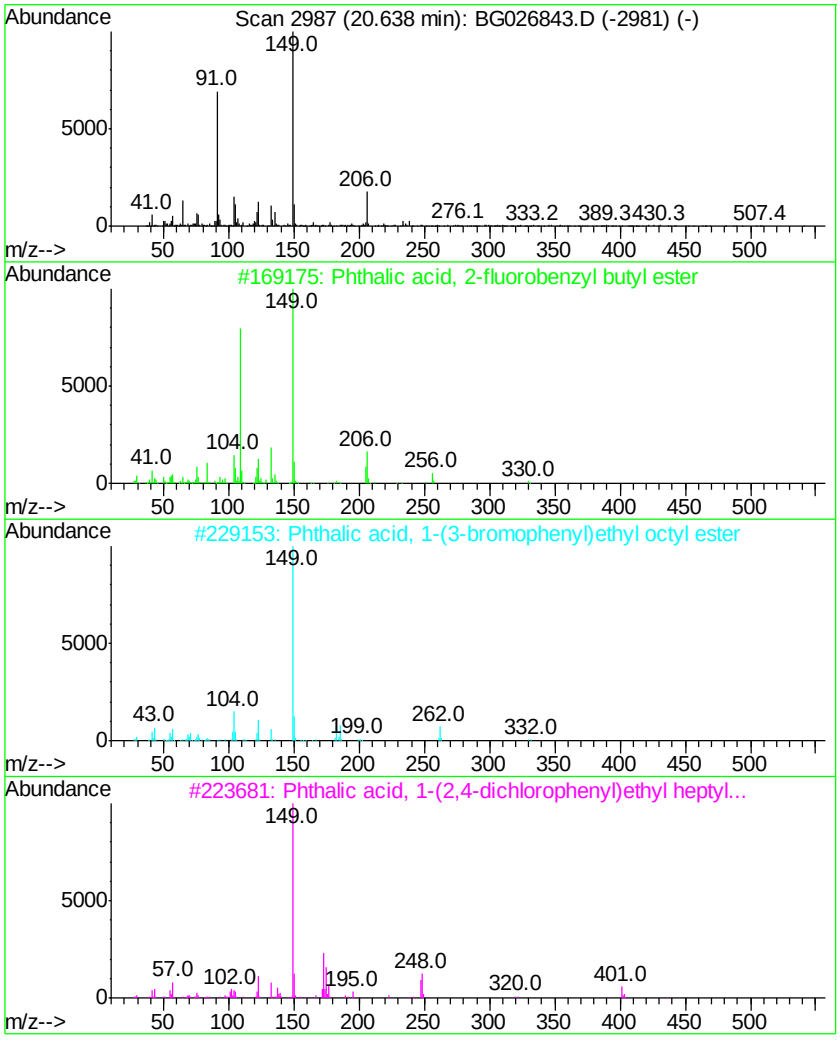
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

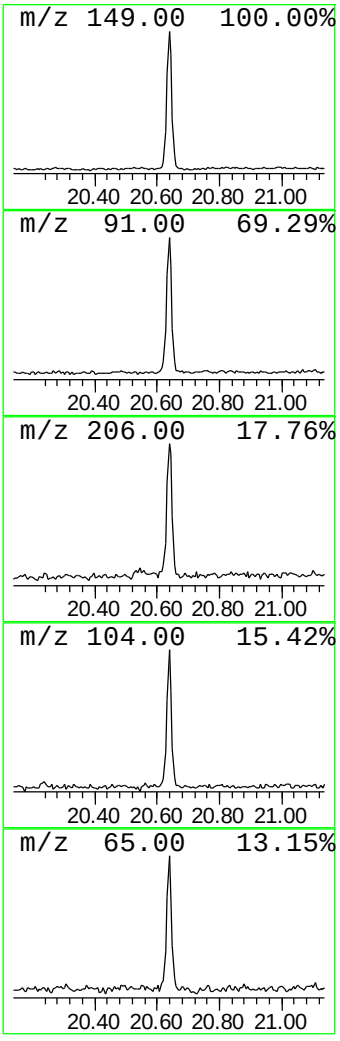
****

Peak Number 16 Phthalic acid, 2-fluorobenz... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	5.66 ng/ul	621658	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-fluorobenzyl bu...	330	C19H19FO4	1000371-07-1	72
2	Phthalic acid, 1-(3-bromophenyl)...	460	C24H29BrO4	1000377-88-1	72
3	Phthalic acid, 1-(2,4-dichloroph...	436	C23H26Cl2O4	1000322-80-0	64
4	Phthalic acid, isobutyl 2-methyl...	312	C19H20O4	1000314-95-7	59
5	Benzyl butyl phthalate	312	C19H20O4	000085-68-7	58





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Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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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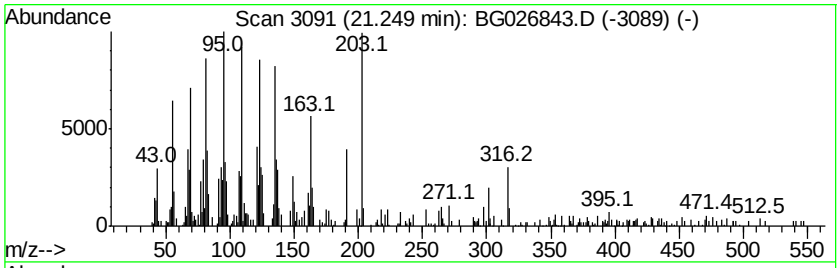
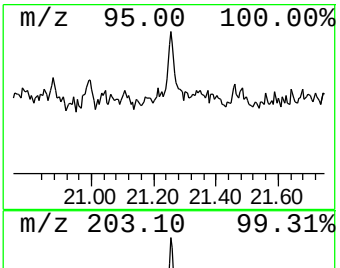
Peak Number 17 unknown-05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	3.30 ng/ul	362384	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	22
2	2(1H)-Pentalenone, hexahydro-4-i...	250	C8H11IO	077070-56-5	14
3	1,4-Cyclohexadiene, 3,3,6,6-tetr...	192	C14H24	078578-89-9	11
4	(5a.alpha.,9a.beta.,9b.beta.)-5,...	234	C15H22O2	002326-89-8	10
5	Bioallethrin	302	C19H26O3	000584-79-2	10





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Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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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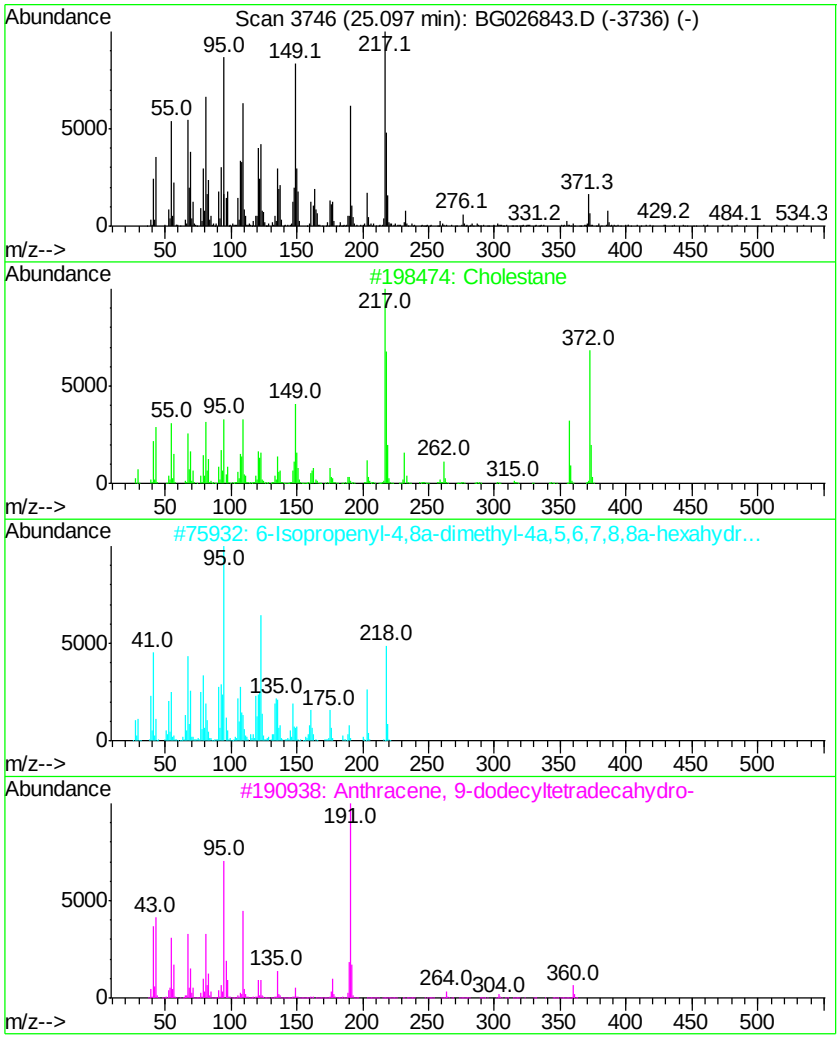
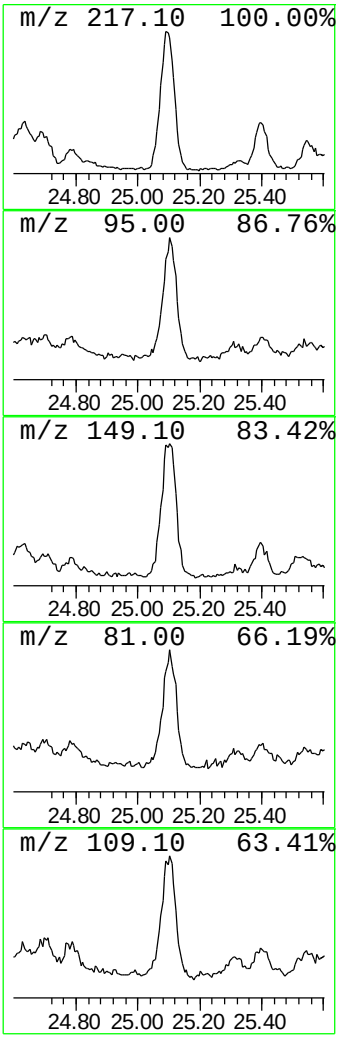
Peak Number 18 Cholestane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.10	16.77 ng/ul	2794000	Perylene-d12	24.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestane	372	C27H48	000481-21-0	53
2	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	43
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	27
4	Coprostane	372	C27H48	000481-20-9	22
5	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	16





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Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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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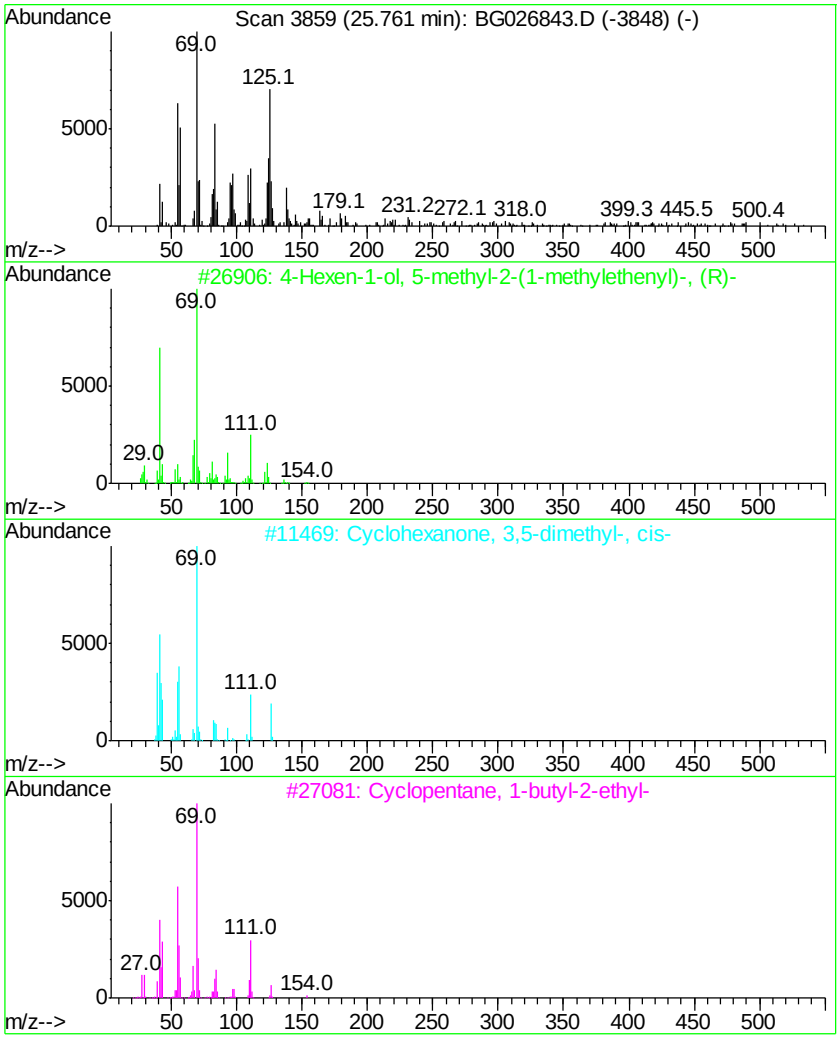
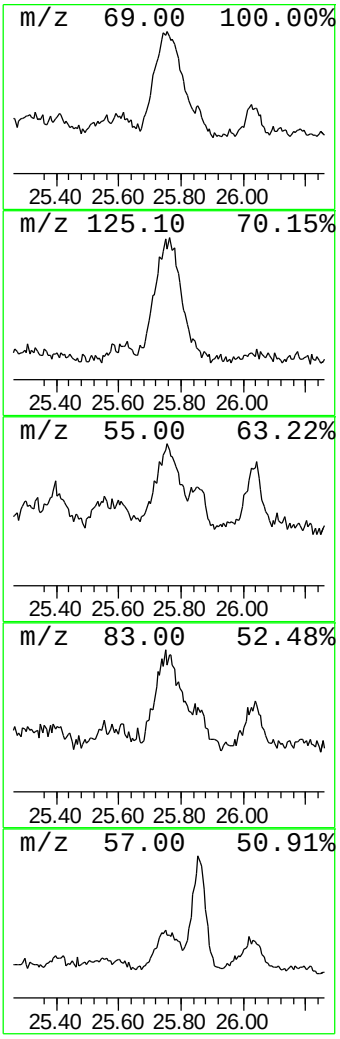
Peak Number 19 unknown-06 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	4.17 ng/ul	694248	Perylene-d12	24.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hexen-1-ol, 5-methyl-2-(1-meth...	154	C10H18O	000498-16-8	46
2	Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	38
3	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	35
4	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	35
5	Cyclooctanemethanol	142	C9H18O	003637-63-6	35





Library Search Compound Report

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Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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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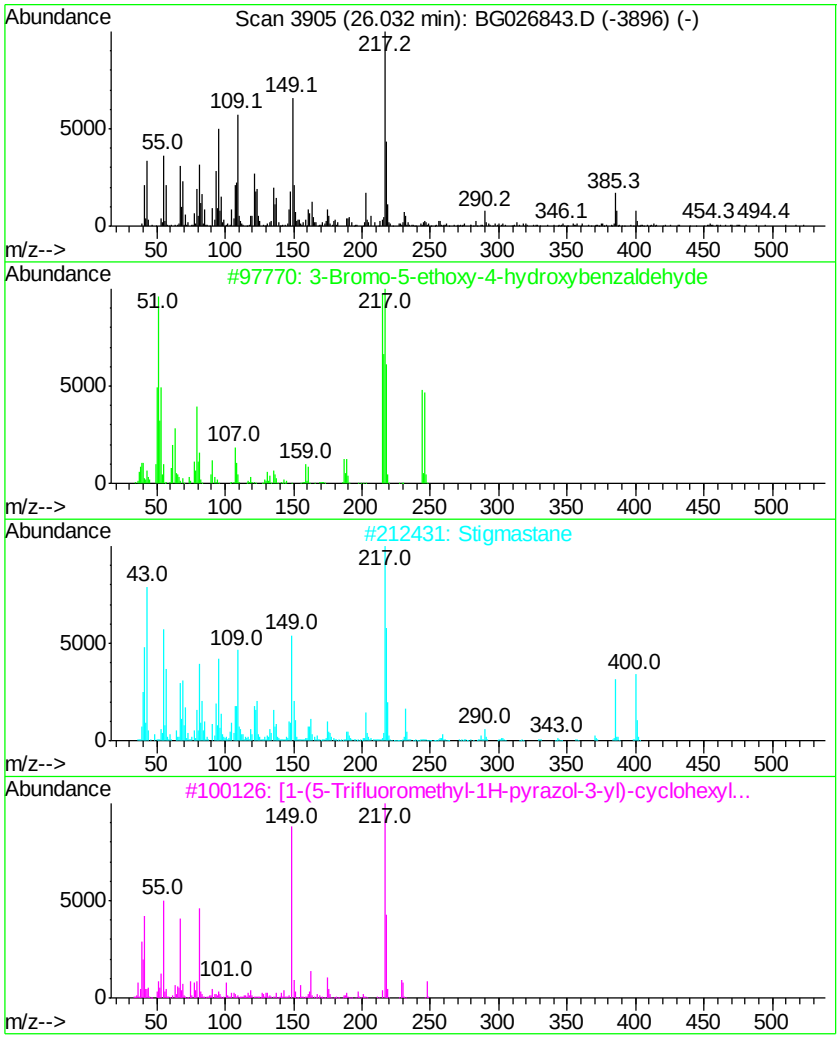
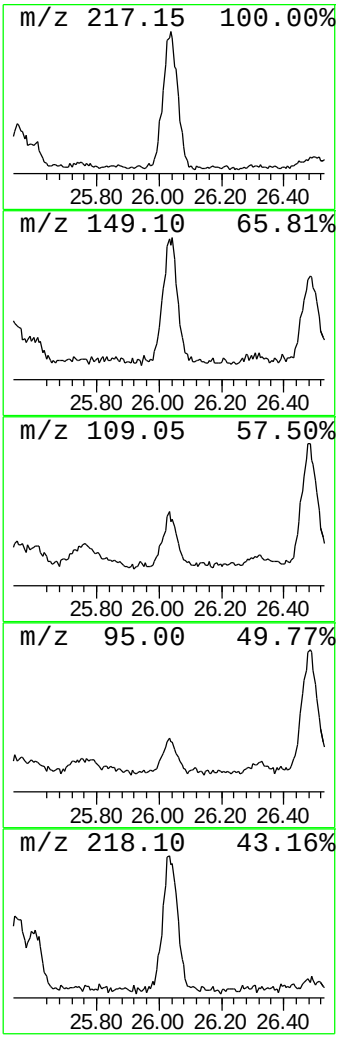
Peak Number 20 3-Bromo-5-ethoxy-4-hydroxyb... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.03	6.26 ng/ul	1043480	Perylene-d12	24.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-5-ethoxy-4-hydroxybenzal...	244	C9H9BrO3	003111-37-3	78
2	Stigmastane	400	C29H52	000601-58-1	64
3	[1-(5-Trifluoromethyl-1H-pyrazol...	248	C11H15F3N2O	212615-86-6	32
4	Pyran-4-carbonitrile, 4-(4-metho...	217	C13H15NO2	1000311-02-5	27
5	Pyrimidin-2-amine, 4-methyl-6-(2...	218	C10H10N4S	283171-79-9	25





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Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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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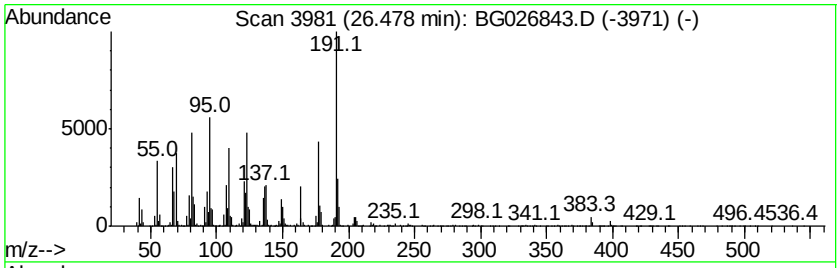
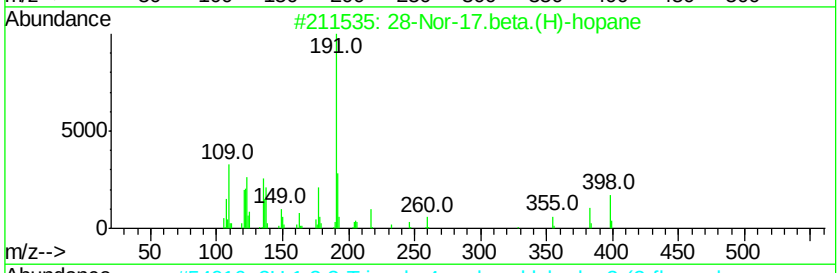
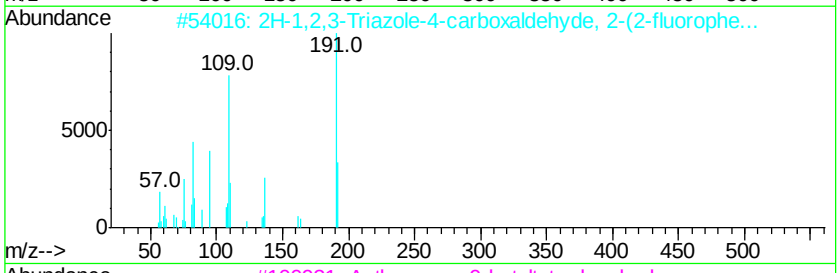
Peak Number 21 unknown-07 Concentration Rank 2

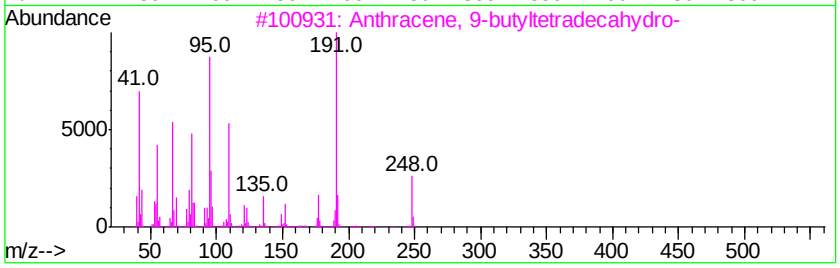
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.48	21.65 ng/ul	3607080	Perylene-d12	24.77

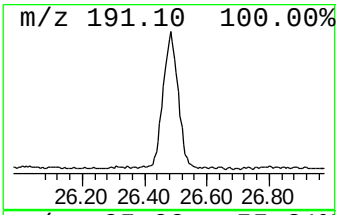
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	41
2	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	38
3	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	27
4	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	27
5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	18

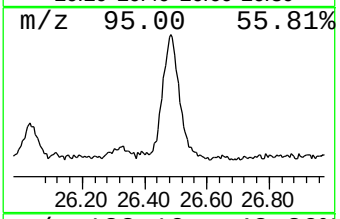


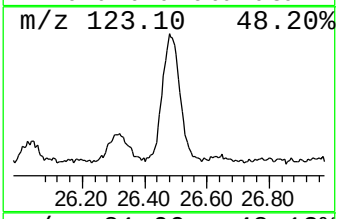


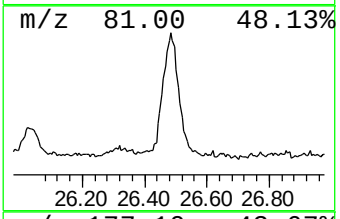


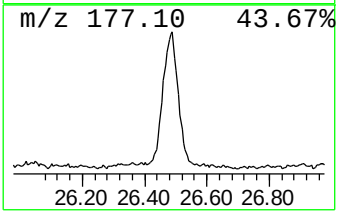












Library Search Compound Report

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Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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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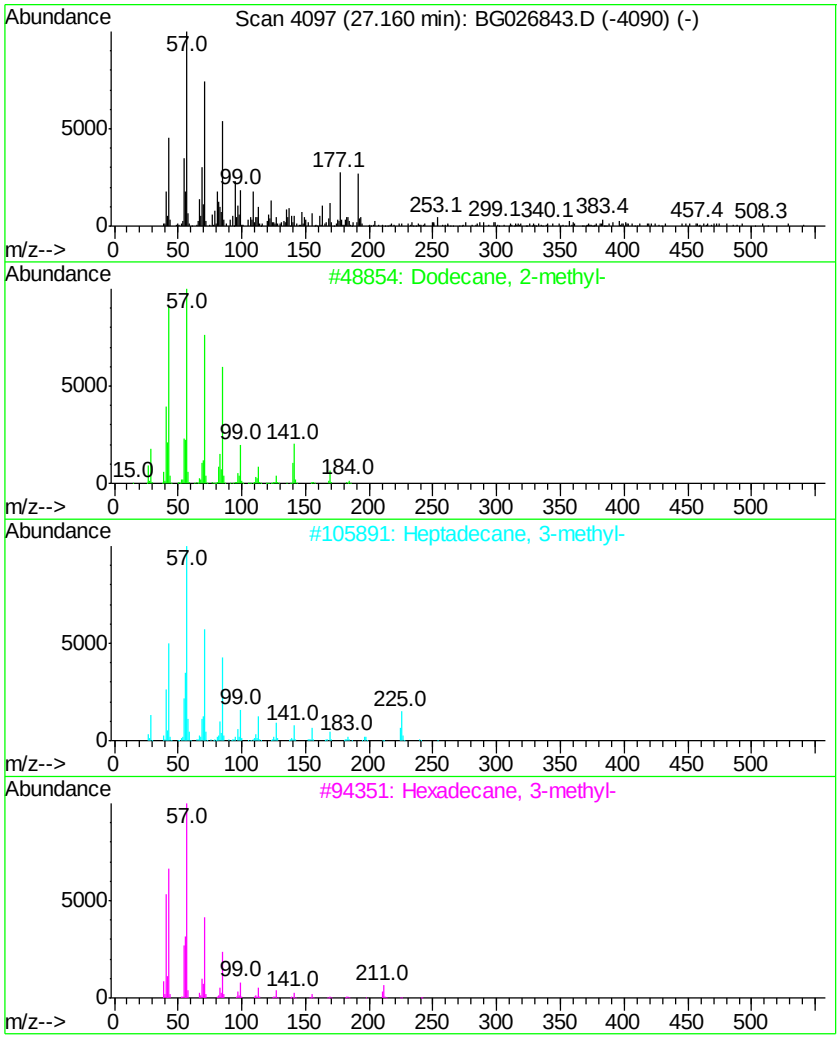
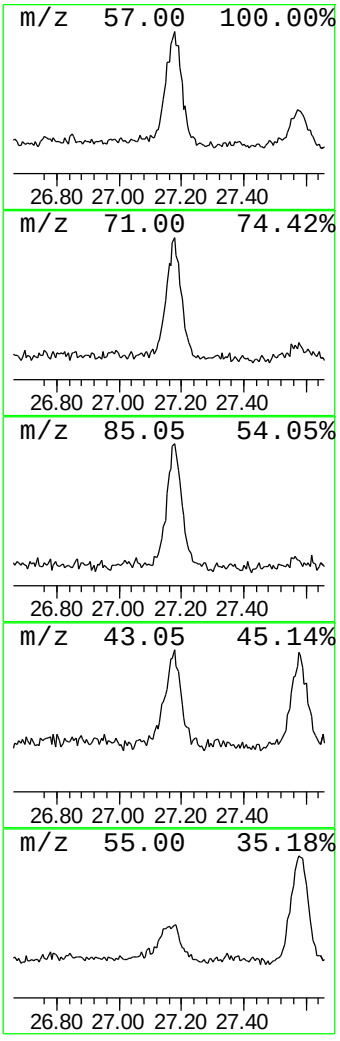
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	5.01 ng/ul	834742	Perylene-d12	24.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
2	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	60
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	53
4	Heptadecane	240	C17H36	000629-78-7	53
5	Hexacosane	366	C26H54	000630-01-3	53





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Sample : I2850-21
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ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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Quant Title : SVOA CALIBRATION

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

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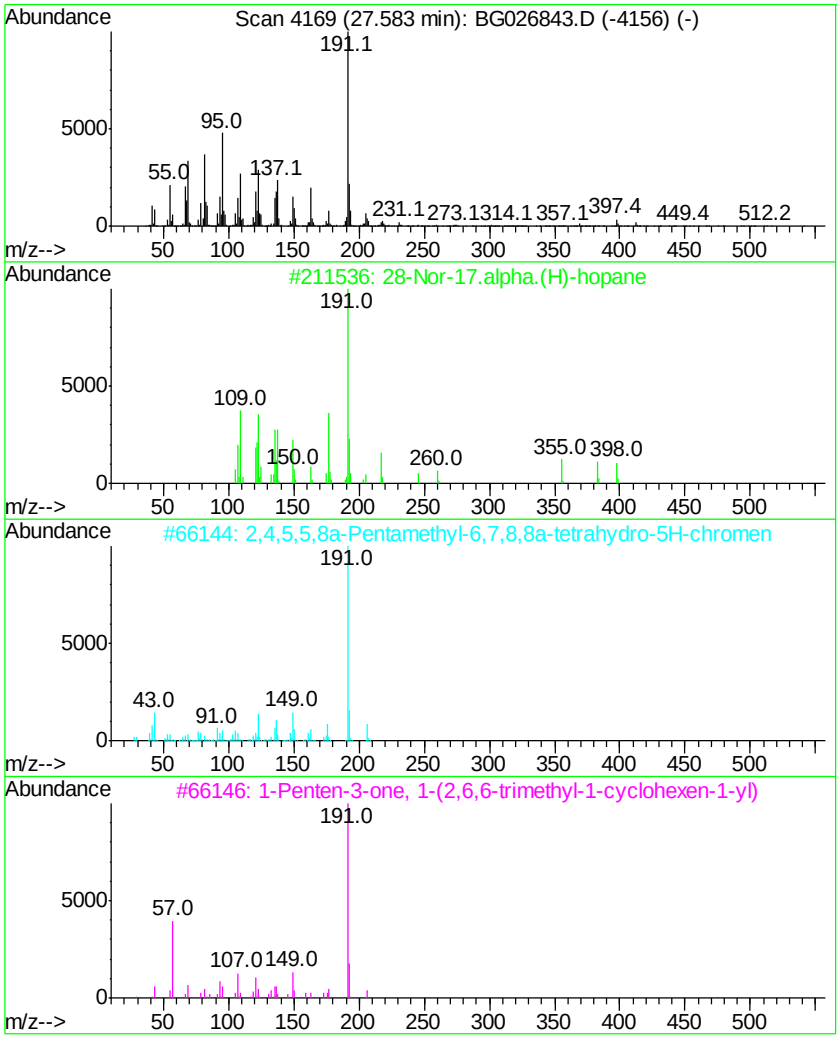
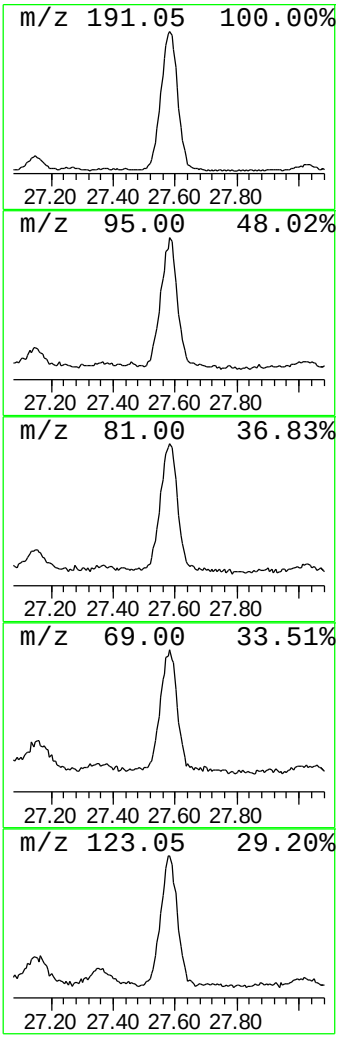
Peak Number 23 28-Nor-17.alpha.(H)-hopane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.58	24.32 ng/ul	4051940	Perylene-d12	24.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	56
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	38
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	35





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ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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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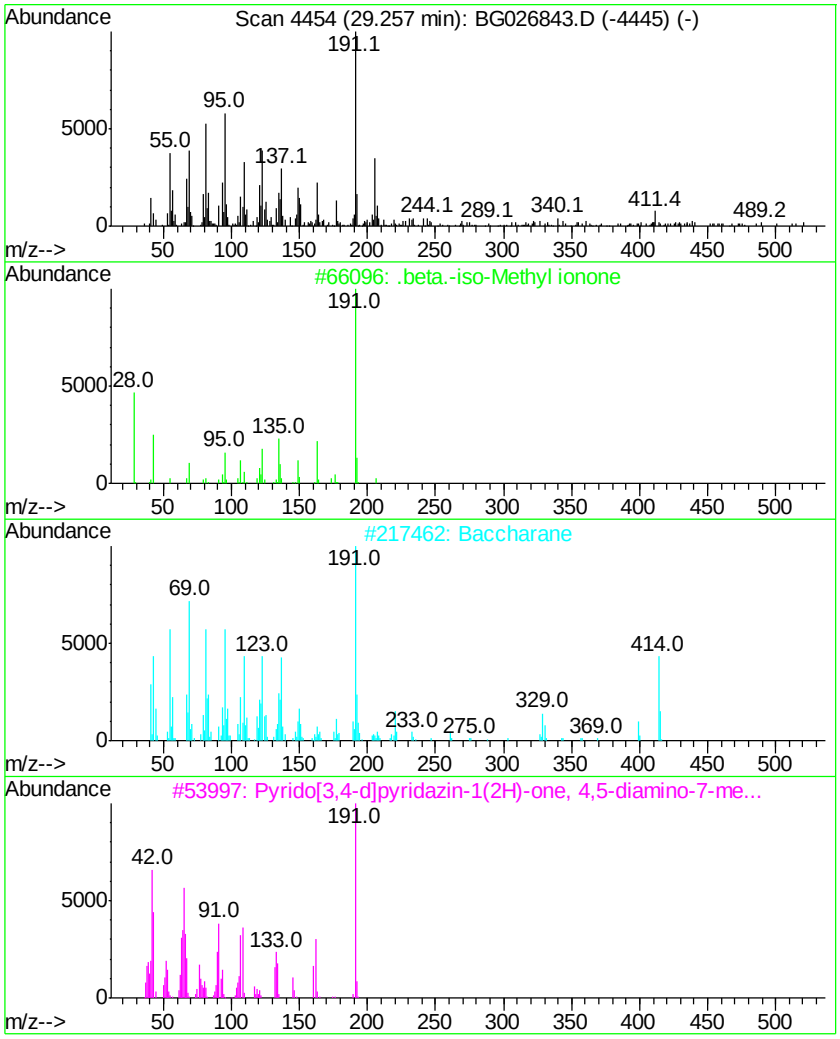
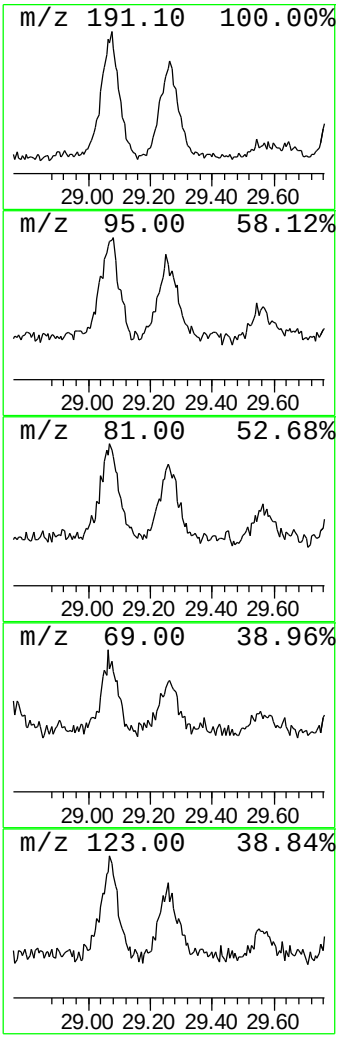
Peak Number 26 .beta.-iso-Methyl ionone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.26	4.20 ng/ul	700440	Perylene-d12	24.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	81
2	Baccharane	414	C30H54	036441-74-4	46
3	Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	38
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	35
5	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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

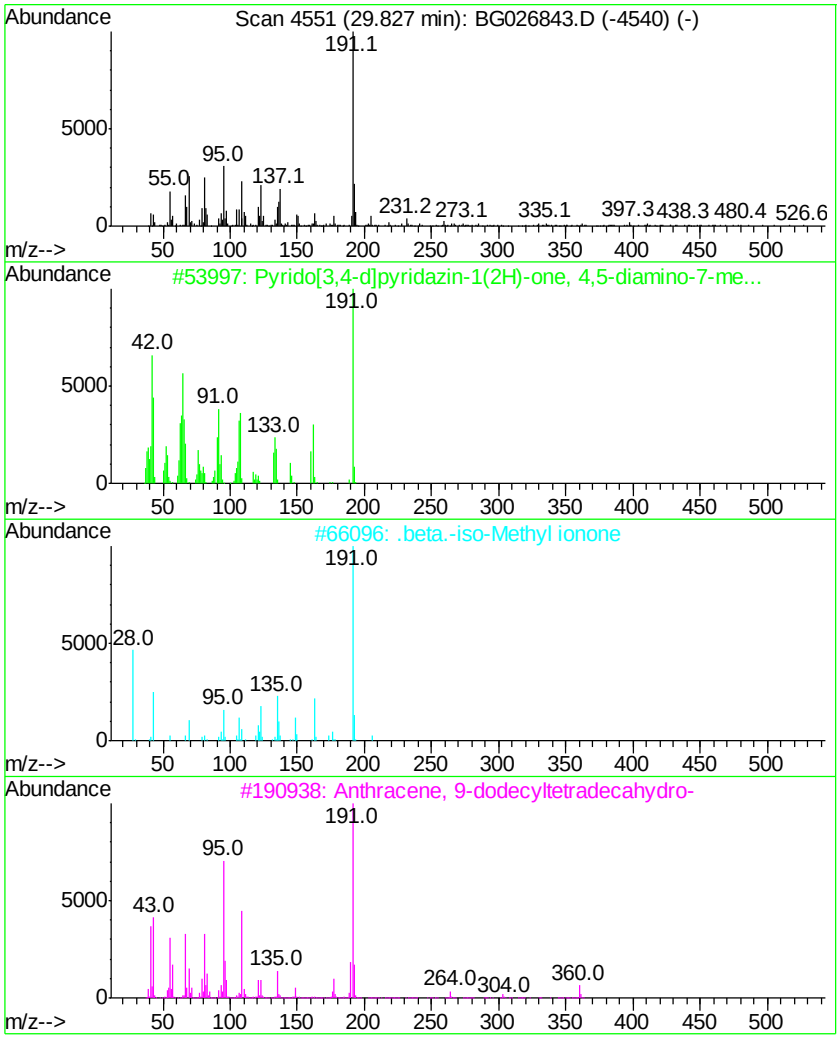
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

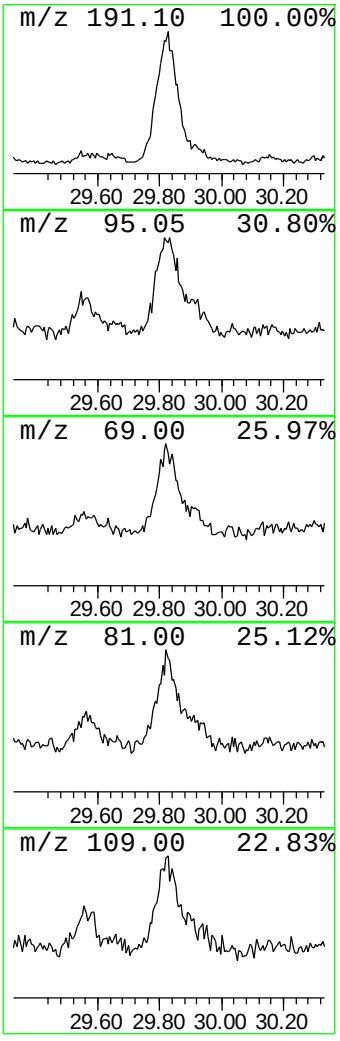
****

Peak Number 27 unknown-08 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.83	7.72 ng/ul	1285700	Perylene-d12	24.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	41
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	37
4	2-Amino-4-methyl-6-(2-thienyl)py...	191	C9H9N3S	026963-43-9	35
5	2-Fluoro-5-trifluoromethylbenzoi...	390	C21H30F4O2	1000338-62-5	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\
Data File : BG026843.D
Acq On : 2 May 2017 14:51
Operator : SJ/MA
Sample : I2850-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHSZ1

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...	12.09	3.0	ng/ul	245867	2	10.81	1643010	20.0
4-Trifluoroacetox...	14.39	2.3	ng/ul	269175	3	14.62	2384730	20.0
unknown-01	14.95	2.2	ng/ul	261396	3	14.62	2384730	20.0
(DEL) Alkane: Str...	15.86	4.3	ng/ul	510650	3	14.62	2384730	20.0
(DEL) Alkane: Cyc...	16.20	2.9	ng/ul	319837	4	17.36	2194070	20.0
(DEL) Alkane: Str...	16.34	10.9	ng/ul	1198580	4	17.36	2194070	20.0
(DEL) Alkane: Cyc...	16.70	5.0	ng/ul	542997	4	17.36	2194070	20.0
(DEL) Alkane: Str...	17.16	8.1	ng/ul	892473	4	17.36	2194070	20.0
unknown-02	18.18	3.9	ng/ul	427985	4	17.36	2194070	20.0
n-Hexadecanoic acid	18.24	2.3	ng/ul	255075	4	17.36	2194070	20.0
1H-Indene, 2,3-di...	18.39	2.6	ng/ul	288097	4	17.36	2194070	20.0
unknown-03	18.65	2.8	ng/ul	310618	4	17.36	2194070	20.0
Anthracene, 9-dod...	19.19	3.7	ng/ul	401963	4	17.36	2194070	20.0
unknown-04	19.97	3.6	ng/ul	400720	5	21.61	2195580	20.0
Retene	20.17	4.1	ng/ul	451566	5	21.61	2195580	20.0
Phthalic acid, 2-...	20.64	5.7	ng/ul	621658	5	21.61	2195580	20.0
unknown-05	21.25	3.3	ng/ul	362384	5	21.61	2195580	20.0
Cholestane	25.10	16.8	ng/ul	2794000	6	24.77	3331540	20.0
unknown-06	25.76	4.2	ng/ul	694248	6	24.77	3331540	20.0
3-Bromo-5-ethoxy-...	26.03	6.3	ng/ul	1043480	6	24.77	3331540	20.0
unknown-07	26.48	21.6	ng/ul	3607080	6	24.77	3331540	20.0
(DEL) Alkane: Str...	27.16	5.0	ng/ul	834742	6	24.77	3331540	20.0
28-Nor-17.alpha.(...	27.58	24.3	ng/ul	4051940	6	24.77	3331540	20.0
.beta.-iso-Methyl...	29.26	4.2	ng/ul	700440	6	24.77	3331540	20.0
unknown-08	29.83	7.7	ng/ul	1285700	6	24.77	3331540	20.0