LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025082.D
Acq On : 10 Dec 2016 23:51
Operator : UM/SJ
Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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	3.608	122	131	139	rBV	553939	819089	4.33%	1.194%
2	5.706	481	488	495	rVB2	137656	245199	1.30%	0.357%
3	6.199	563	572	580	rVB3	68125	152647	0.81%	0.222%
4	7.380	764	773	790	rVB2	251656	574607	3.04%	0.837%
5	7.551	795	802	810	rBV	189936	341223	1.81%	0.497%
6	7.762	830	838	846	rBV	231322	414235	2.19%	0.604%
7	8.238	912	919	929	rVV	264301	493075	2.61%	0.719%
8	8.932	1031	1037	1050	rVB	297949	565325	2.99%	0.824%
9	9.413	1111	1119	1127	rVB	270426	514586	2.72%	0.750%
10	10.136	1234	1242	1251	rBV3	222967	461622	2.44%	0.673%
11	10.677	1327	1334	1342	rBV	323356	585936	3.10%	0.854%
12	11.064	1392	1400	1406	rVV	399996	754746	3.99%	1.100%
13	11.199	1414	1423	1437	rBV	216326	452033	2.39%	0.659%
14	12.704	1673	1679	1681	rBV2	66616	114190	0.60%	0.166%
15	12.733	1681	1684	1689	rVB6	56355	85766	0.45%	0.125%
16	12.921	1710	1716	1721	rBV	60883	109664	0.58%	0.160%
17	13.638	1832	1838	1843	rBV3	47550	77884	0.41%	0.114%
18	14.037	1895	1906	1914	rBV9	32170	98536	0.52%	0.144%
19	14.172	1922	1929	1935	rBV3	60892	134071	0.71%	0.195%
20	14.249	1935	1942	1946	rVV	756359	1159571	6.14%	1.690%
21	14.296	1946	1950	1962	rVB2	390526	624743	3.31%	0.911%
22	14.413	1962	1970	1974	rBV5	44913	93816	0.50%	0.137%
23	14.554	1988	1994	2003	rBV	663451	1132162	5.99%	1.650%
24	14.707	2015	2020	2027	rVB	68050	92982	0.49%	0.136%
25	14.854	2035	2045	2055	rBV	733324	1302059	6.89%	1.898%
26	15.048	2072	2078	2089	rBV2	249051	503690	2.67%	0.734%
27	15.230	2100	2109	2111	rBV9	45076	95134	0.50%	0.139%
28	15.312	2118	2123	2131	rVB4	44880	75590	0.40%	0.110%
29	15.612	2166	2174	2175	rBV3	65691	98175	0.52%	0.143%
30	15.647	2176	2180	2187	rVB3	122131	212761	1.13%	0.310%
31	15.841	2205	2213	2226	rVB	974408	1601415	8.47%	2.334%
32	15.959	2226	2233	2243	rBV	368898	610037	3.23%	0.889%
33	16.053	2243	2249	2253	rVV4	47972	76066	0.40%	0.111%
34	16.188	2267	2272	2278	rVB5	49037	94606	0.50%	0.138%

LSC Area Percent Report

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Acq On : 10 Dec 2016 23:51
Operator : UM/SJ
Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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	16.276	2282	2287	2292	rBV8	39485	70463	0.37%	0.103%
36	16.335	2293	2297	2306	rVB4	44864	97592	0.52%	0.142%
37	16.529	2322	2330	2345	rVB4	181679	505782	2.68%	0.737%
38	16.869	2382	2388	2396	rBV9	53053	134966	0.71%	0.197%
39	16.946	2398	2401	2408	rVB7	43266	77848	0.41%	0.113%
40	17.128	2420	2432	2437	rBV10	55017	165799	0.88%	0.242%
41	17.181	2437	2441	2447	rVB2	74452	135439	0.72%	0.197%
42	17.298	2456	2461	2466	rBV2	166230	220499	1.17%	0.321%
43	17.345	2467	2469	2479	rVB7	49431	82765	0.44%	0.121%
44	17.598	2505	2512	2517	rBV2	1011251	1645023	8.71%	2.398%
45	17.639	2518	2519	2523	rVV	103697	104933	0.56%	0.153%
46	17.698	2523	2529	2537	rVB	1104519	1651844	8.74%	2.408%
47	18.038	2582	2587	2595	rVB	220790	323541	1.71%	0.472%
48	18.321	2631	2635	2642	rVB8	52403	86233	0.46%	0.126%
49	18.438	2650	2655	2663	rBV3	203057	362795	1.92%	0.529%
50	18.526	2664	2670	2678	rVV	458247	723330	3.83%	1.054%
51	18.626	2678	2687	2696	rVV2	368943	690018	3.65%	1.006%
52	18.726	2696	2704	2707	rVV3	587512	1007113	5.33%	1.468%
53	18.773	2707	2712	2722	rVB	575209	1106190	5.85%	1.612%
54	18.961	2739	2744	2753	rBV8	47321	114466	0.61%	0.167%
55	19.302	2795	2802	2806	rBV3	259420	484693	2.57%	0.706%
56	19.343	2806	2809	2818	rVV2	230313	368294	1.95%	0.537%
57	19.437	2818	2825	2831	rVV2	225357	384410	2.03%	0.560%
58	19.501	2831	2836	2843	rVB	215931	338827	1.79%	0.494%
59	19.637	2848	2859	2864	rVB	206800	387046	2.05%	0.564%
60	19.695	2864	2869	2872	rBV7	78107	131490	0.70%	0.192%
61	19.854	2891	2896	2899	rBV5	99851	130144	0.69%	0.190%
62	19.913	2901	2906	2910	rVB	252387	320089	1.69%	0.467%
63	19.972	2910	2916	2928	rVV2	1338305	2437790	12.90%	3.553%
64	20.054	2928	2930	2939	rVB8	52360	92198	0.49%	0.134%
65	20.312	2970	2974	2981	rVB7	43742	105279	0.56%	0.153%
66	20.395	2982	2988	2990	rBV7	49384	75549	0.40%	0.110%
67	20.477	2990	3002	3008	rVV4	783233	2448992	12.96%	3.569%
68	20.541	3008	3013	3018	rVV3	557783	836796	4.43%	1.220%
69	20.635	3023	3029	3033	rVB6	52519	93348	0.49%	0.136%
70	20.776	3051	3053	3056	rBV4	62423	83267	0.44%	0.121%
71	20.853	3061	3066	3070	rVB	238892	322502	1.71%	0.470%

LSC Area Percent Report

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Acq On : 10 Dec 2016 23:51
Operator : UM/SJ
Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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

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Peak separation: 1

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

72	20.900	3070	3074	3078	rBV	1152317	1488490	7.88%	2.169%
73	20.941	3079	3081	3085	rVV	257986	294828	1.56%	0.430%
74	20.982	3085	3088	3092	rVB6	135161	196537	1.04%	0.286%
75	21.105	3101	3109	3113	rBV6	59968	145084	0.77%	0.211%
76	21.258	3131	3135	3141	rBV2	110108	193041	1.02%	0.281%
77	21.464	3160	3170	3182	rBV6	394186	1002231	5.30%	1.461%
78	21.728	3207	3215	3225	rVB	12635278	18896039	100.00%	27.541%
79	21.887	3233	3242	3248	rBV2	1251423	2515015	13.31%	3.666%
80	21.934	3248	3250	3257	rVB	304483	488228	2.58%	0.712%
81	22.022	3258	3265	3273	rVB2	189161	415618	2.20%	0.606%
82	22.093	3274	3277	3285	rVB10	75622	127652	0.68%	0.186%
83	22.169	3285	3290	3296	rBV6	99208	174060	0.92%	0.254%
84	22.281	3303	3309	3321	rVB	289205	605151	3.20%	0.882%
85	22.416	3321	3332	3336	rVB9	81793	291343	1.54%	0.425%
86	22.657	3367	3373	3378	rBV3	204842	333592	1.77%	0.486%
87	22.874	3405	3410	3418	rVB3	80434	137480	0.73%	0.200%
88	23.350	3485	3491	3493	rBV6	131706	222302	1.18%	0.324%
89	24.208	3628	3637	3658	rVB3	377545	1575499	8.34%	2.296%
90	24.983	3761	3769	3775	rBV	174492	473961	2.51%	0.691%
91	25.066	3775	3783	3791	rVV2	591061	1800407	9.53%	2.624%
92	25.136	3791	3795	3803	rVB2	195347	436985	2.31%	0.637%
93	25.224	3803	3810	3813	rBV6	62839	153517	0.81%	0.224%
94	25.306	3813	3824	3833	rVV2	566487	1697344	8.98%	2.474%
95	25.900	3917	3925	3938	rVB2	75682	228331	1.21%	0.333%
96	26.405	4003	4011	4021	rVB9	105729	332745	1.76%	0.485%
97	27.827	4247	4253	4267	rVB3	98097	309805	1.64%	0.452%
98	29.220	4477	4490	4499	rBV4	108519	491075	2.60%	0.716%
99	29.543	4541	4545	4562	rVB4	61686	268900	1.42%	0.392%
100	30.436	4687	4697	4698	rBV6	77186	201636	1.07%	0.294%

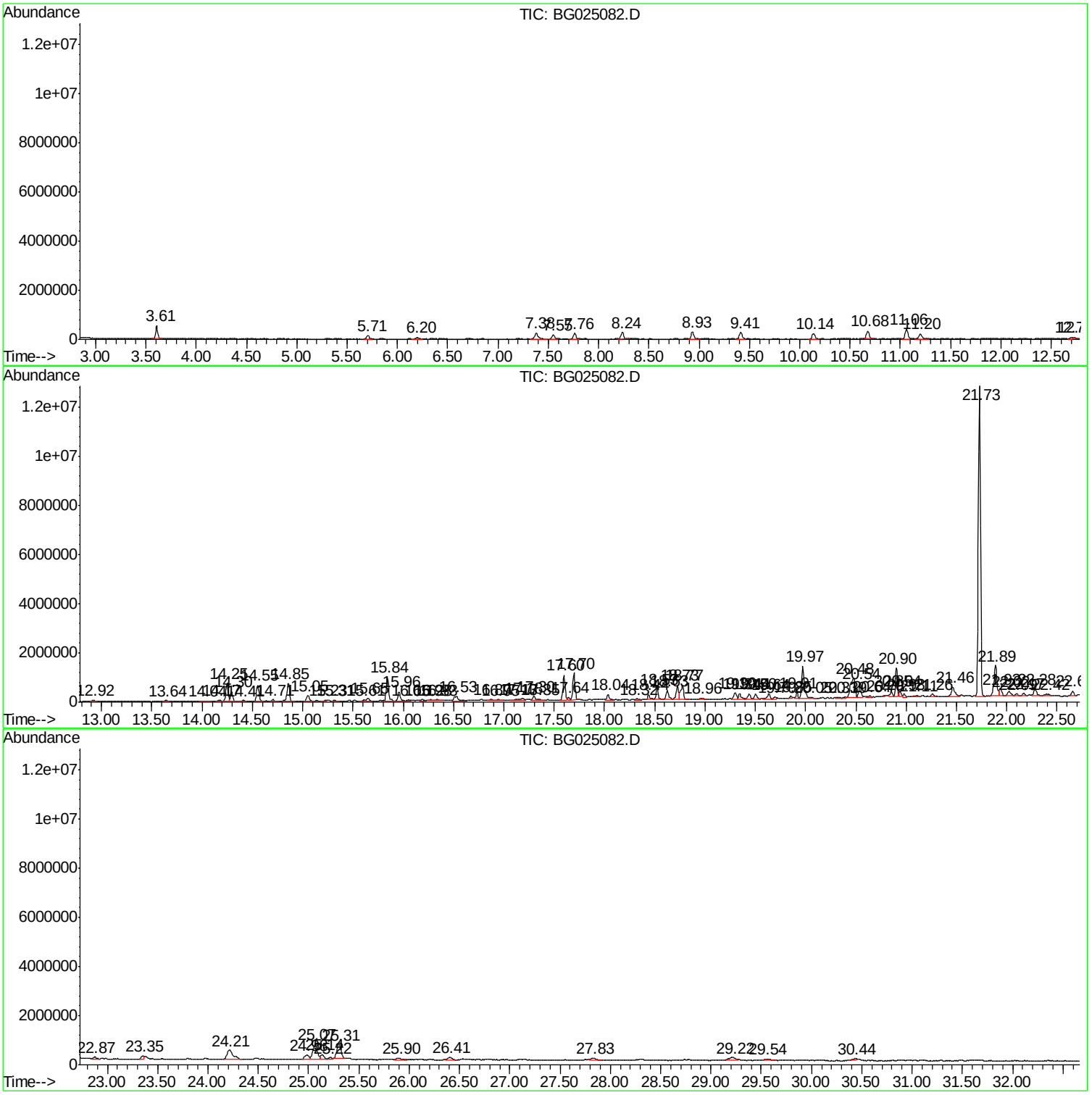
Sum of corrected areas: 68611490

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025082.D
Acq On : 10 Dec 2016 23:51
Operator : UM/SJ
Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA809

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

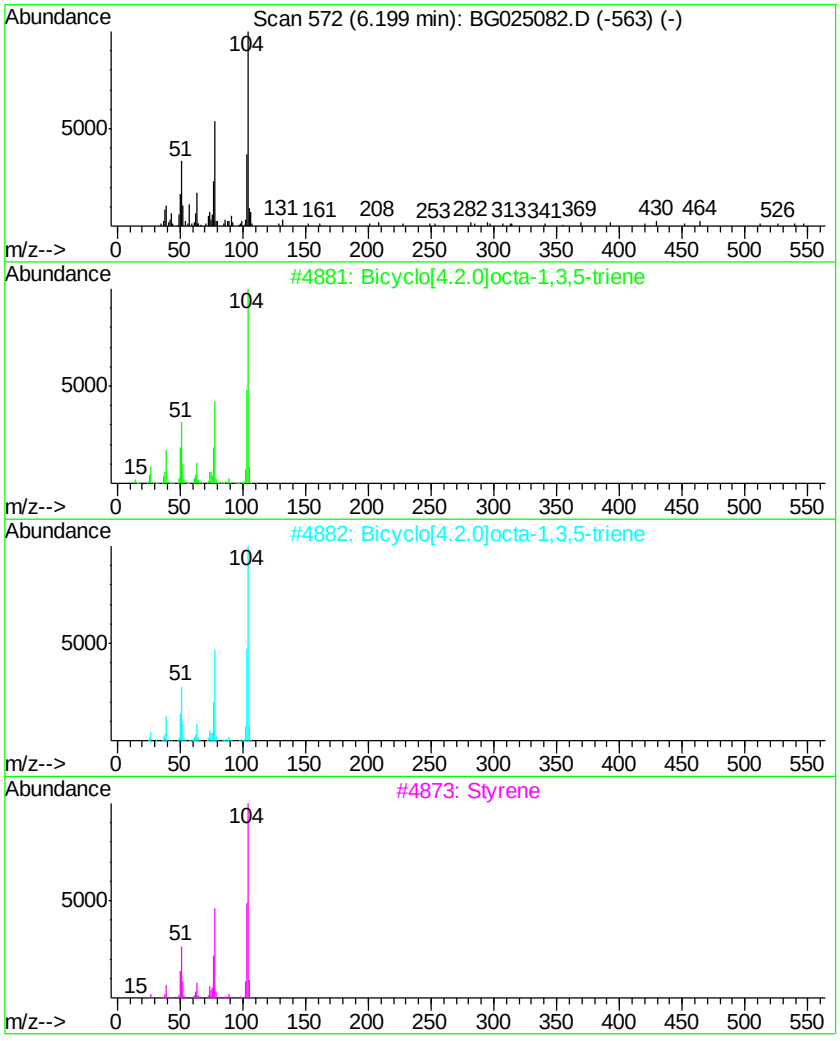
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

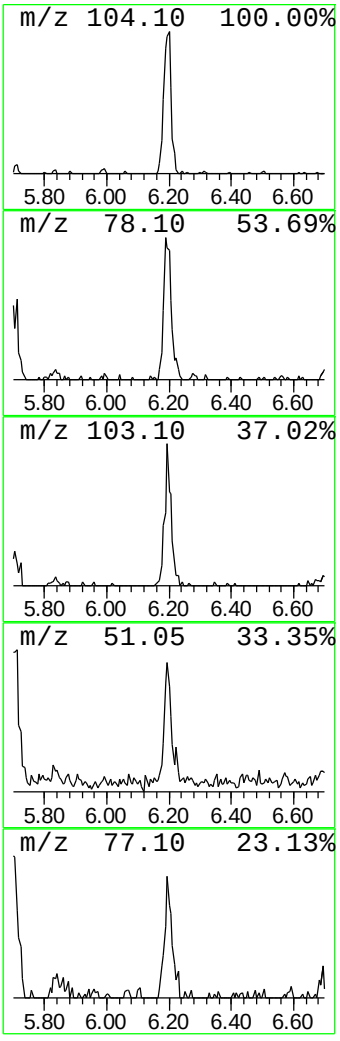
****

Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	6.19 ng/ul	152647	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	87
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	87
3	Styrene	104	C8H8	000100-42-5	87
4	Styrene	104	C8H8	000100-42-5	80
5	7-Thiapentacyclo[4.4.0.0(2,5).0(...	196	C9H8O3S	019086-79-4	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025082.D
Acq On : 10 Dec 2016 23:51
Operator : UM/SJ
Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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

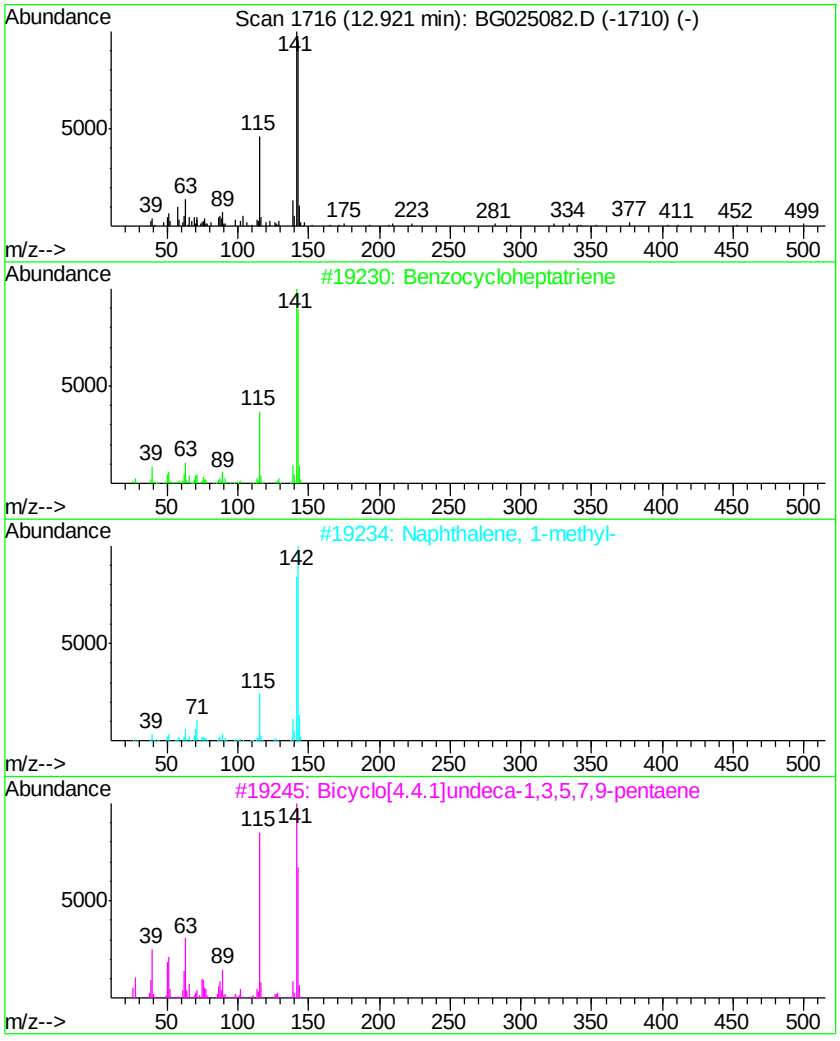
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

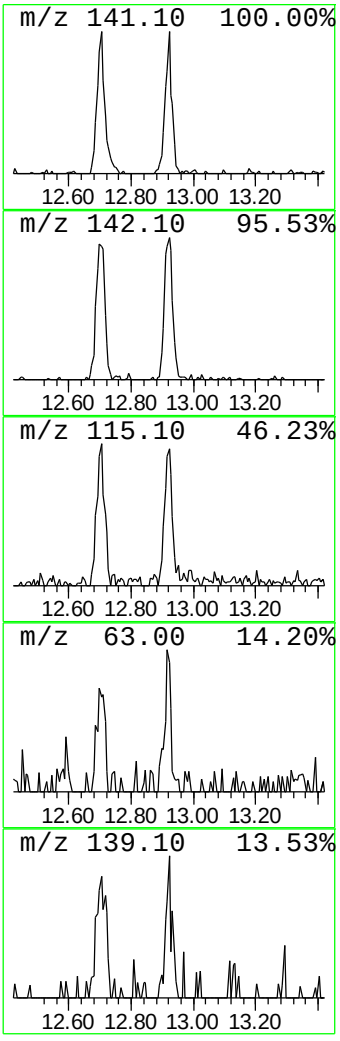
****

Peak Number 3 Benzocycloheptatriene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.91 ng/ul	109664	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Instrument : BNA_G
ClientSampleId : DA809

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

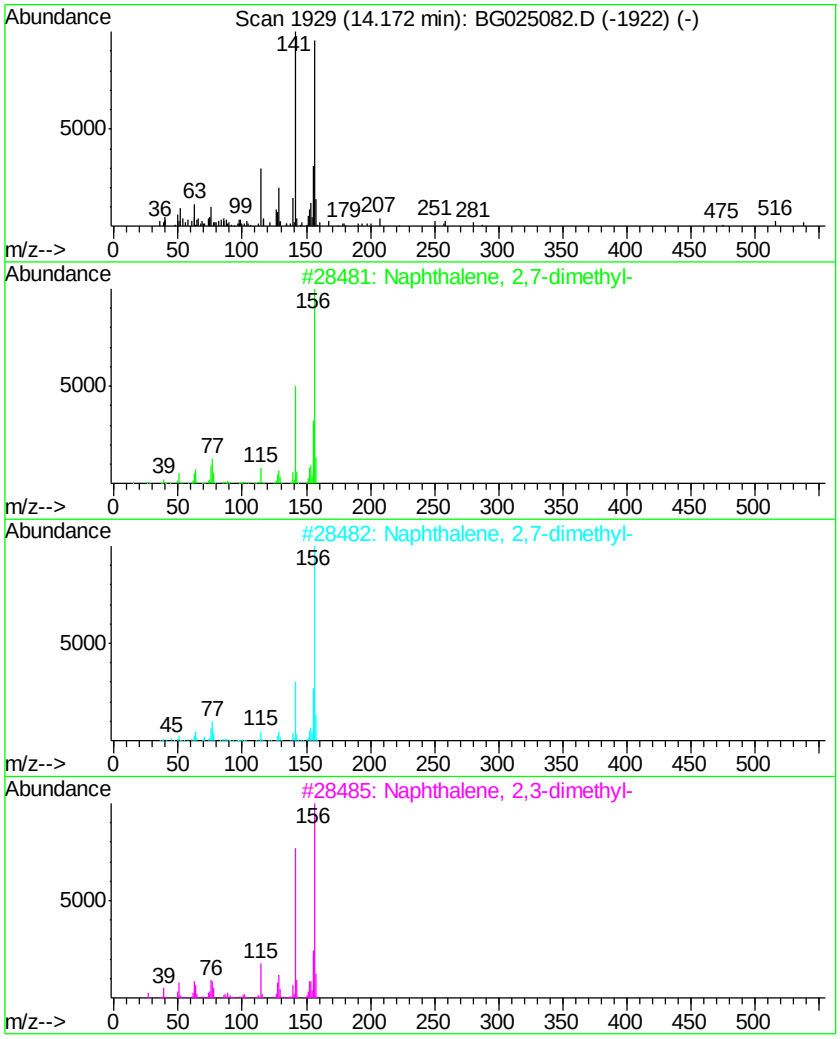
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

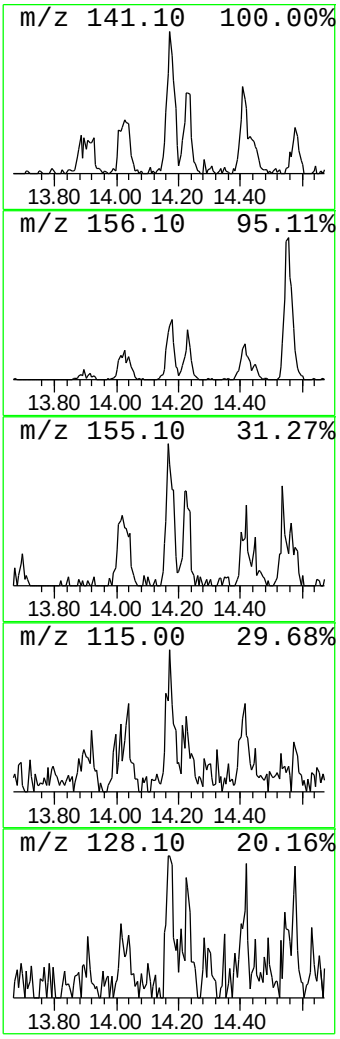
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.06 ng/ul	134071	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Acq On : 10 Dec 2016 23:51
Operator : UM/SJ
Sample : H5905-09
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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

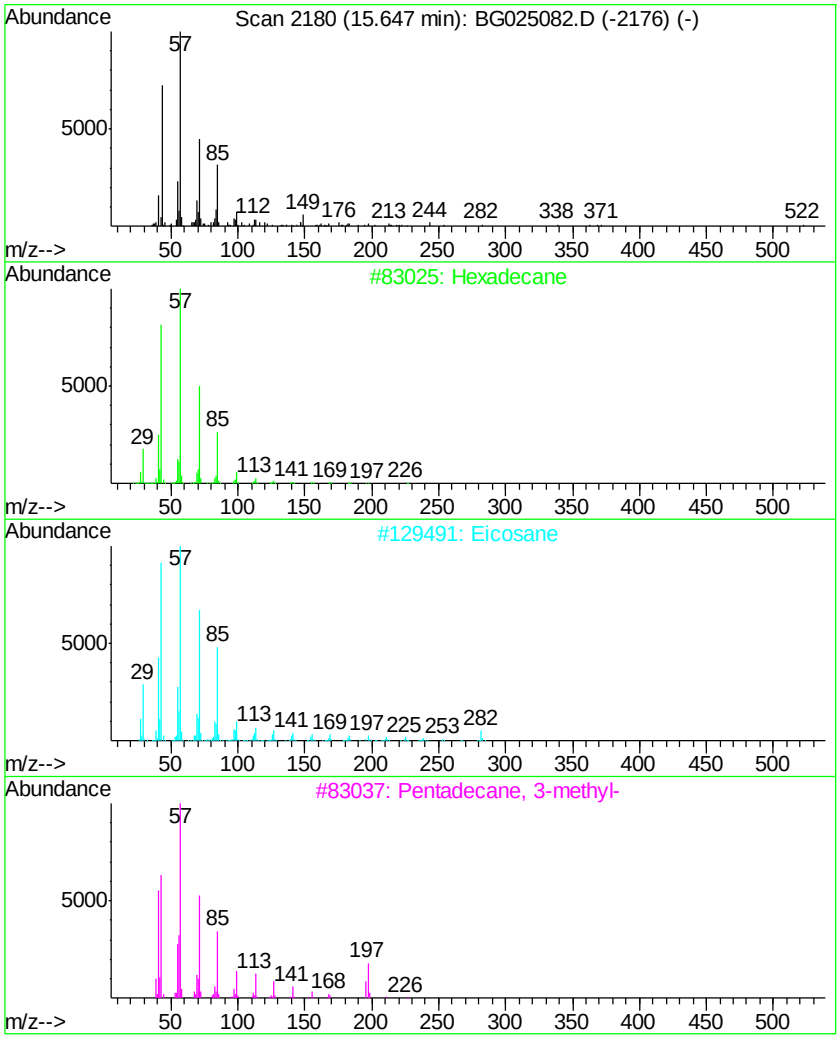
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

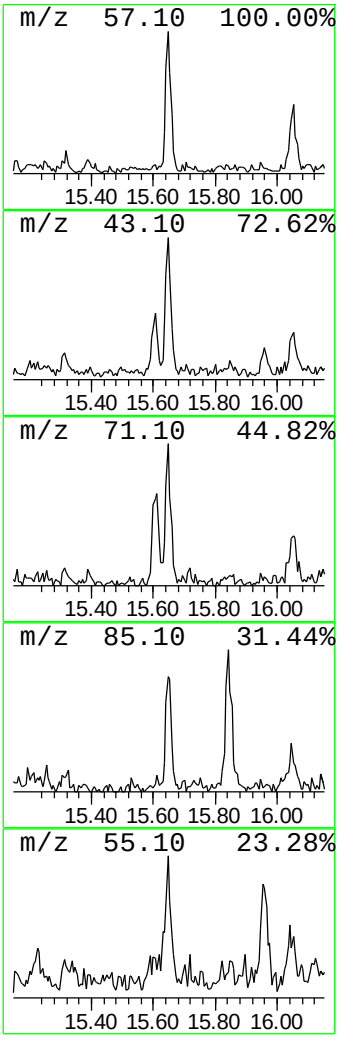
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	3.27 ng/ul	212761	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	81
2	Eicosane	282	C20H42	000112-95-8	76
3	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	64
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025082.D
Acq On : 10 Dec 2016 23:51
Operator : UM/SJ
Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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

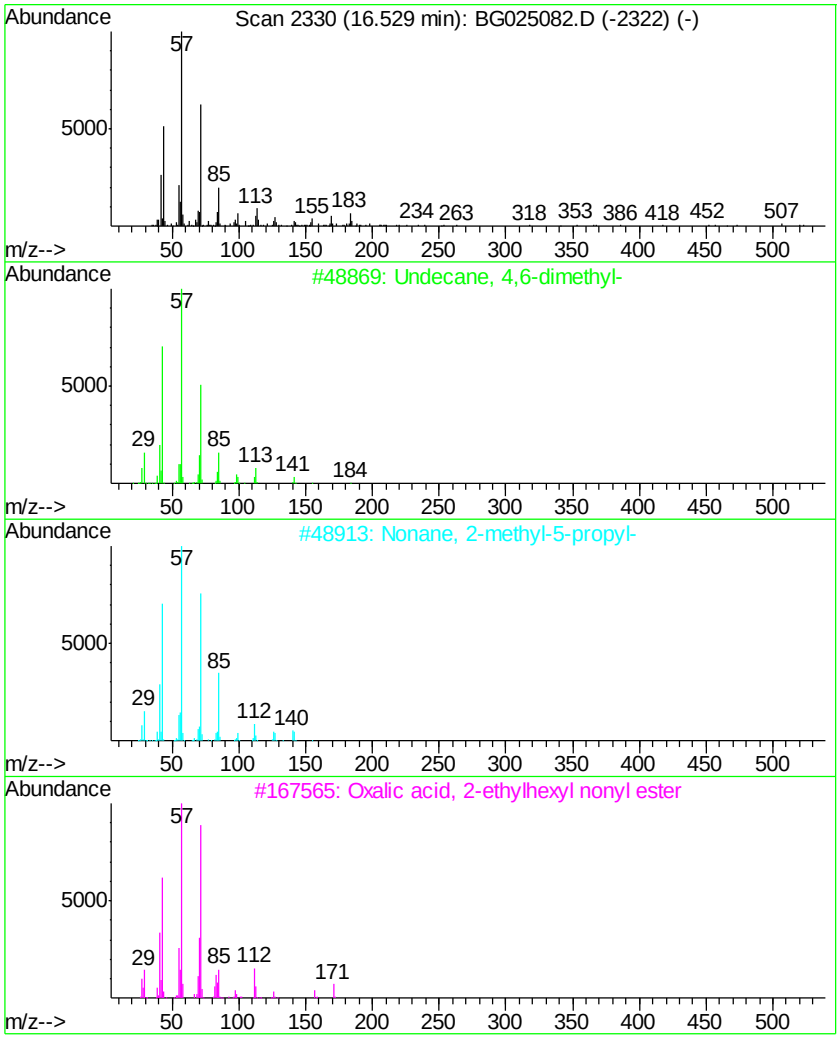
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

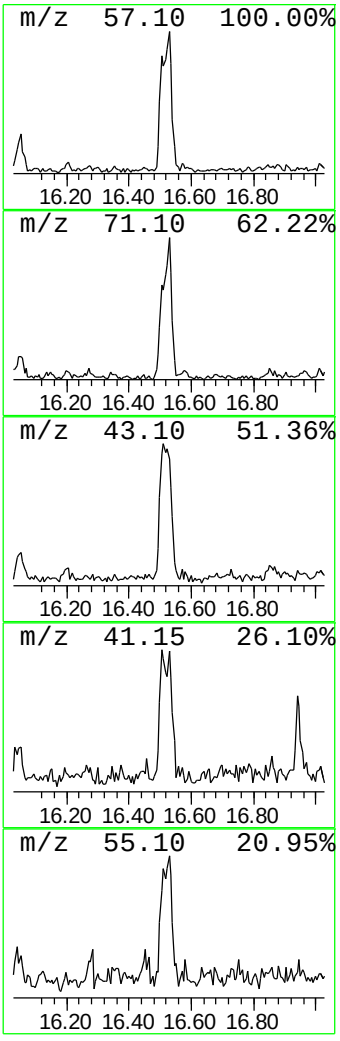
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	6.15 ng/ul	505782	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
3	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	53
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	52





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Operator : UM/SJ
Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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Quant Title : SVOA CALIBRATION

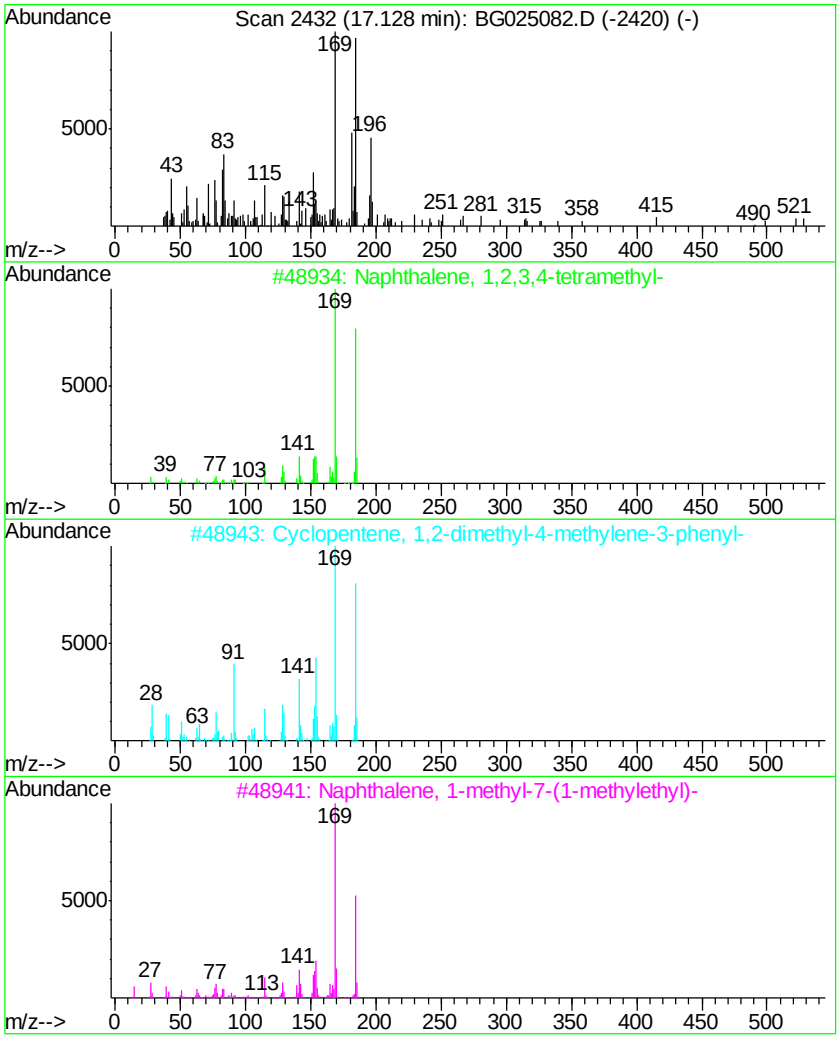
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

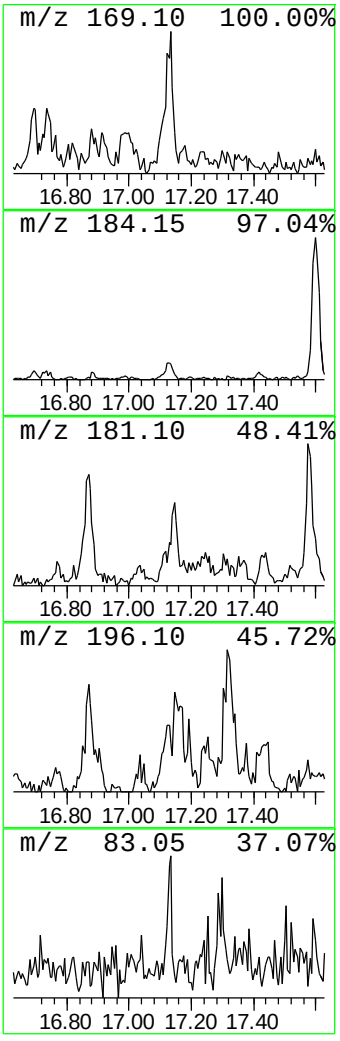
****

Peak Number 7 Naphthalene, 1,2,3,4-tetram... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	2.02 ng/ul	165799	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	55
2	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	50
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	50
4	Chamazulene	184	C14H16	000529-05-5	49
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	43





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Sample : H5905-09
Misc :
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Instrument : BNA_G
ClientSampleId : DA809

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

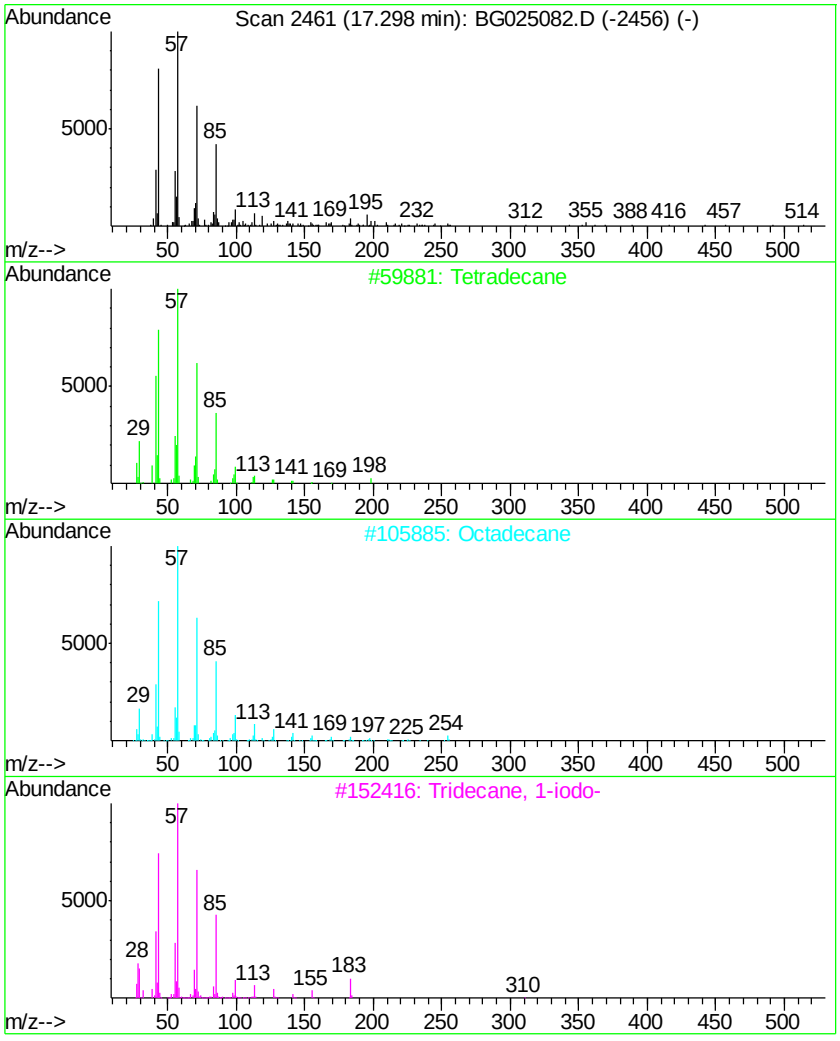
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

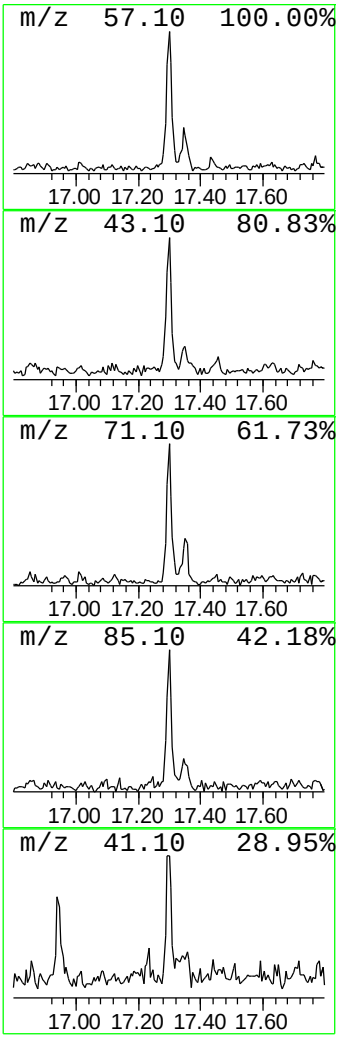
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	2.68 ng/ul	220499	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Octadecane	254	C18H38	000593-45-3	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	68





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Instrument : BNA_G
ClientSampleId : DA809

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Quant Title : SVOA CALIBRATION

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

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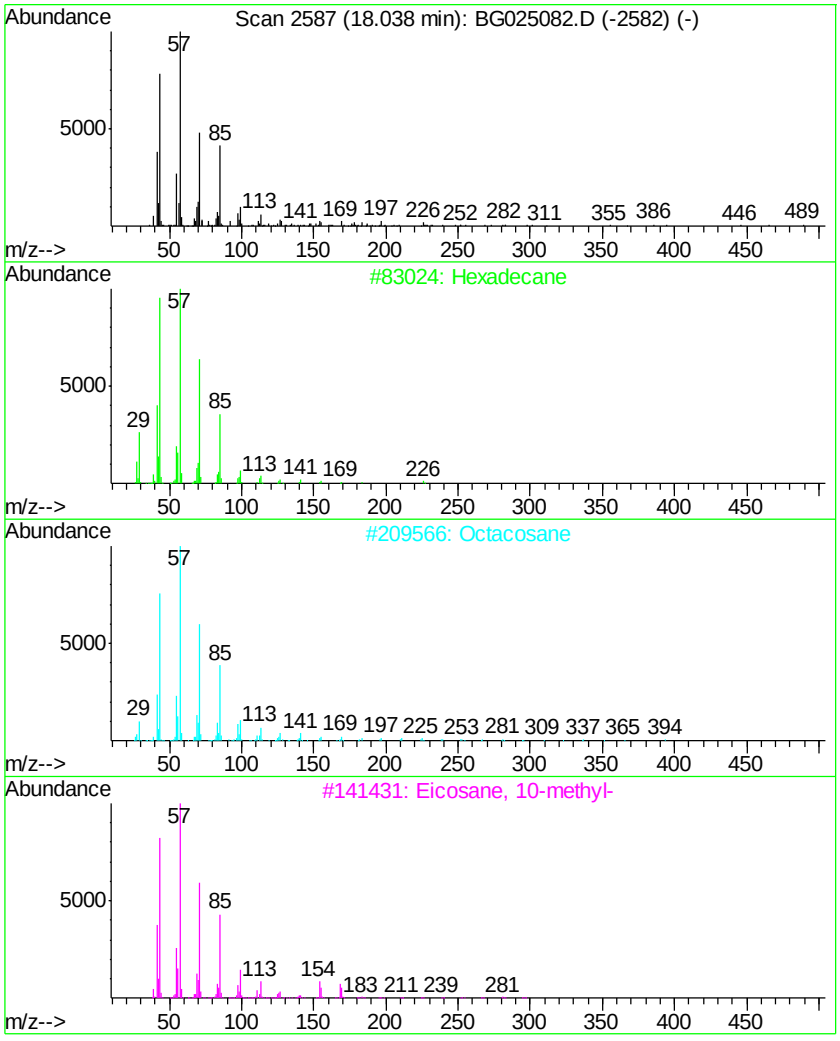
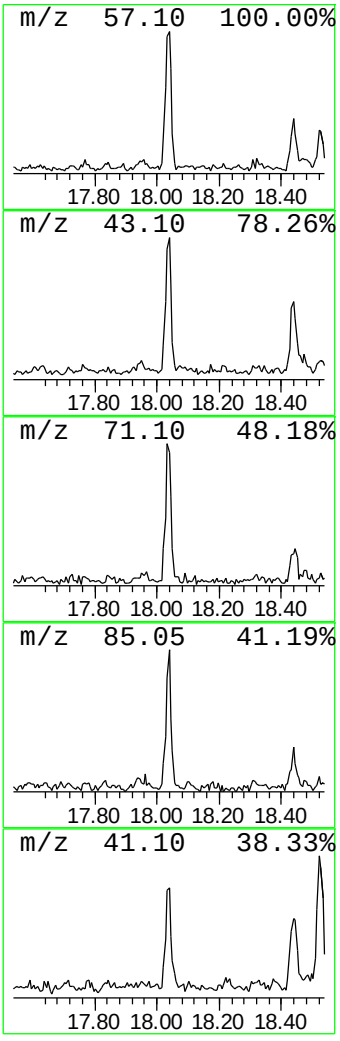
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.93 ng/ul	323541	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Octacosane	394	C28H58	000630-02-4	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86





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Instrument : BNA_G
ClientSampleId : DA809

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Quant Title : SVOA CALIBRATION

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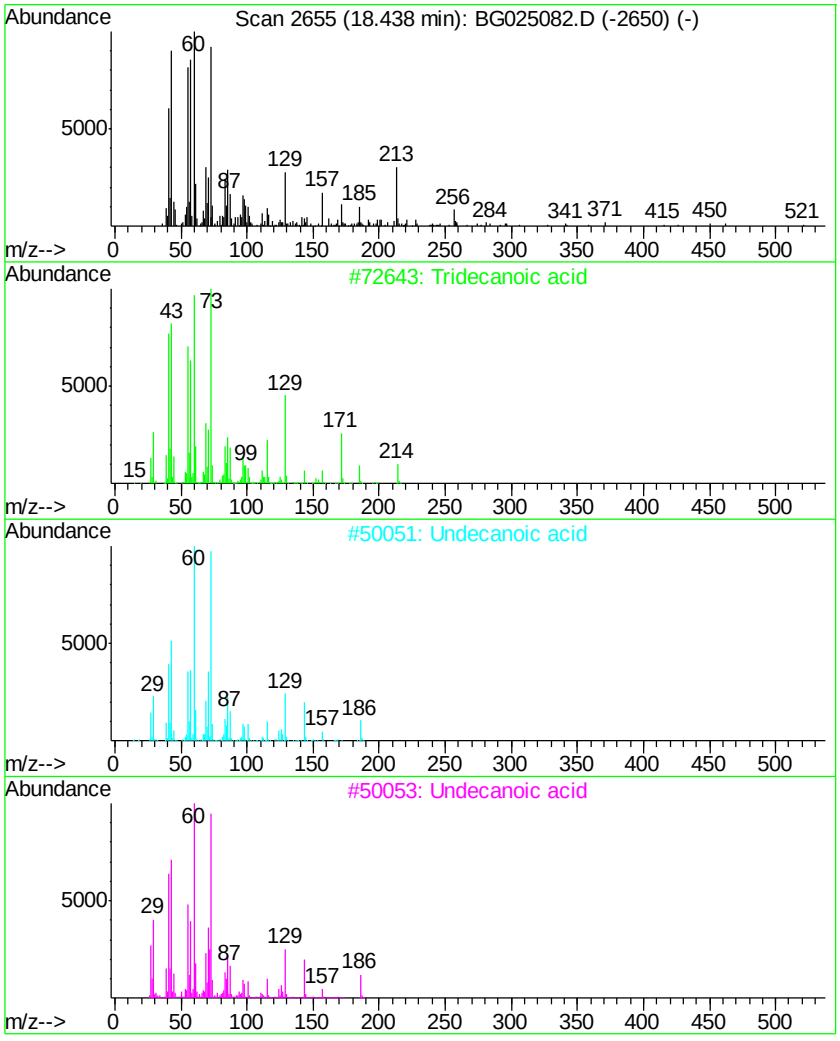
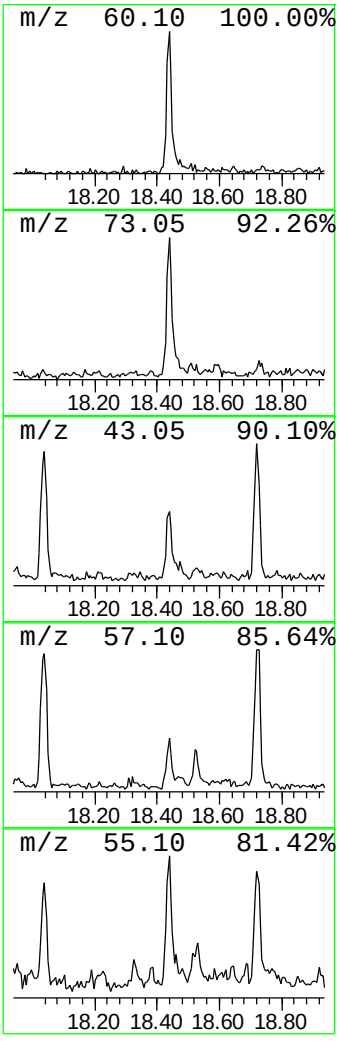
Peak Number 10 Tridecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	4.41 ng/ul	362795	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	89
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	Undecanoic acid	186	C11H22O2	000112-37-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	Octadecanoic acid	284	C18H36O2	000057-11-4	62





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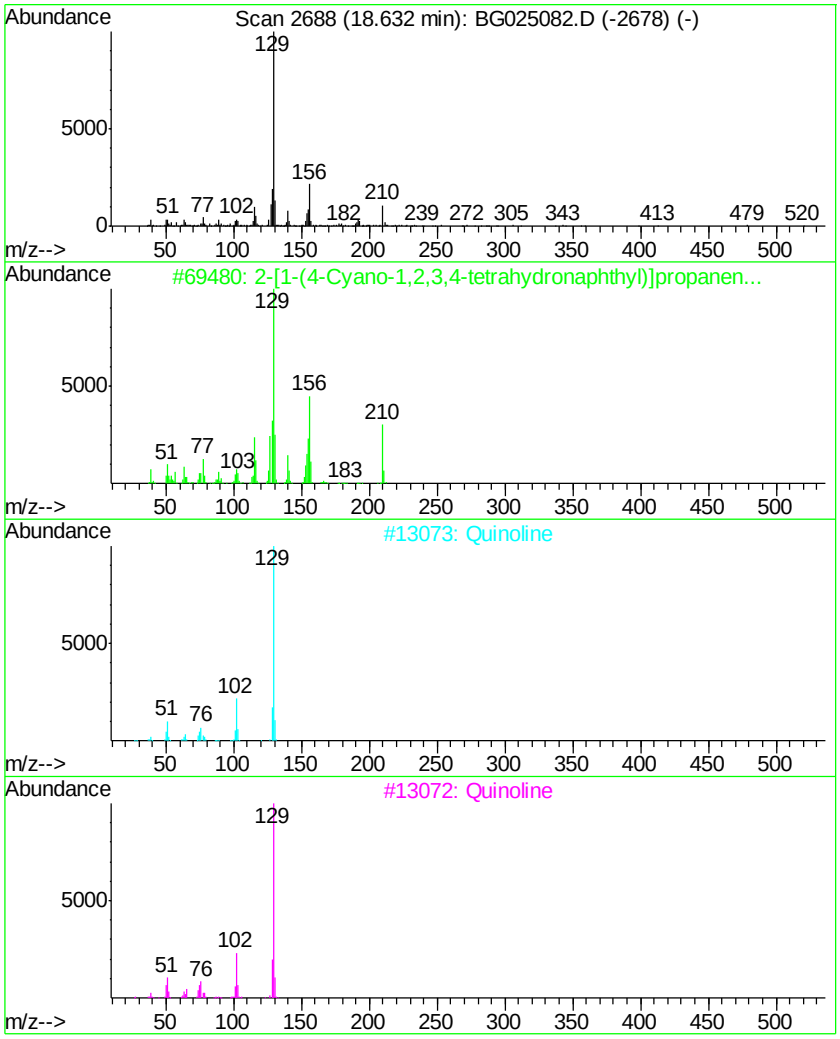
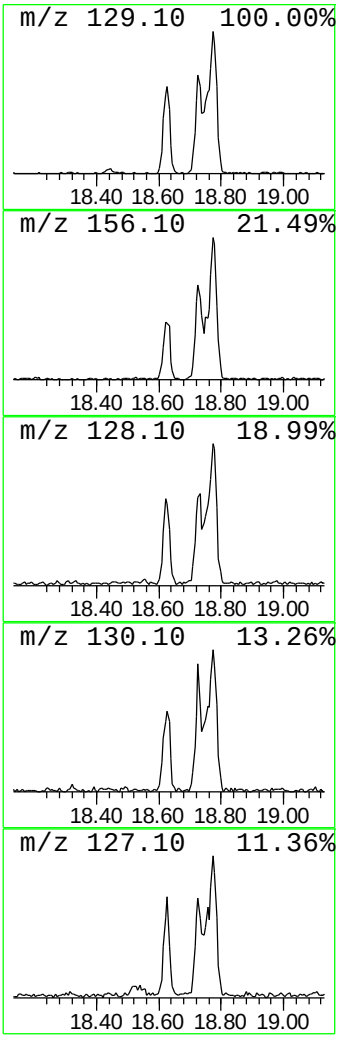
Peak Number 11 2-[1-(4-Cyano-1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	8.39 ng/ul	690018	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-39-3	64
2	Quinoline	129	C9H7N	000091-22-5	53
3	Quinoline	129	C9H7N	000091-22-5	53
4	Isoquinoline	129	C9H7N	000119-65-3	53
5	4,5-Dimethylthiazole S-oxide	129	C5H7NOS	1000112-53-4	43





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Sample : H5905-09
Misc :
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Instrument : BNA_G
ClientSampleId : DA809

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Quant Title : SVOA CALIBRATION

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

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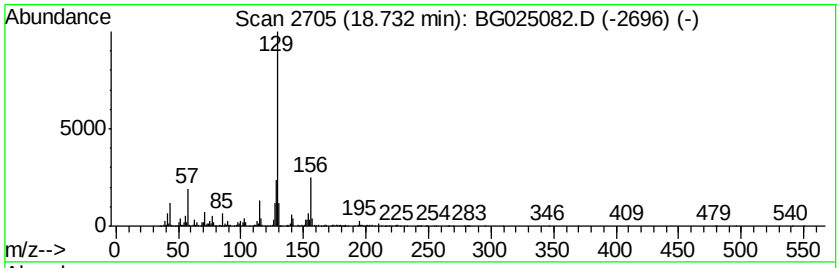
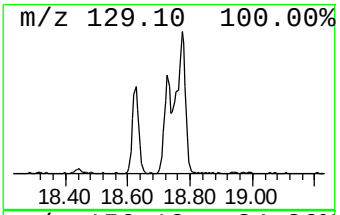
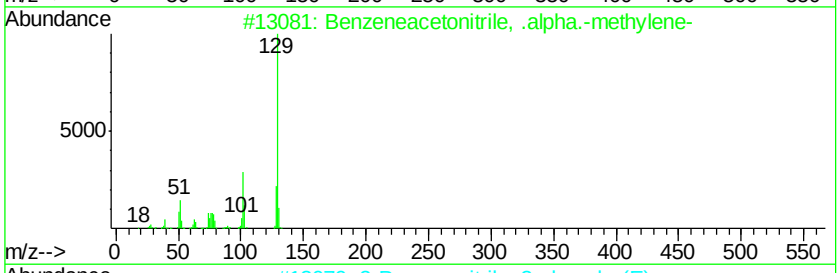
Peak Number 12 Benzeneacetonitrile, .alpha... Concentration Rank 3

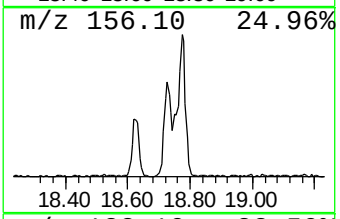
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	12.24 ng/ul	1007110	Phenanthrene-d10	17.60

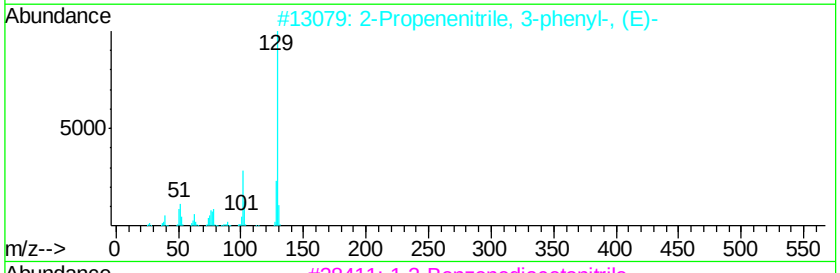
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	58
2	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	53
3	1,2-Benzenediacetonitrile	156	C10H8N2	000613-73-0	50
4	Quinoline	129	C9H7N	000091-22-5	50
5	Isoquinoline	129	C9H7N	000119-65-3	42

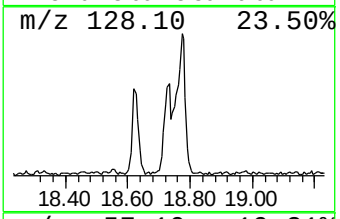


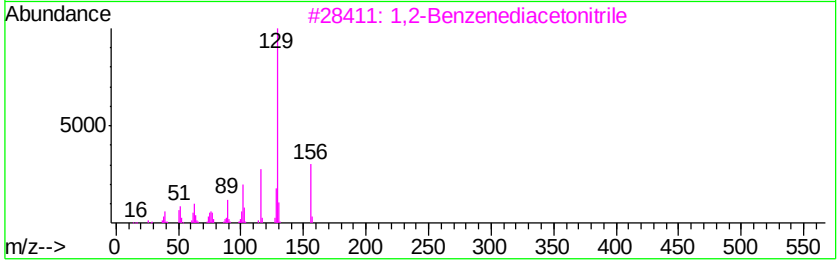


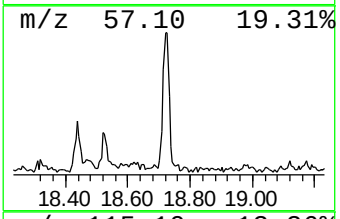


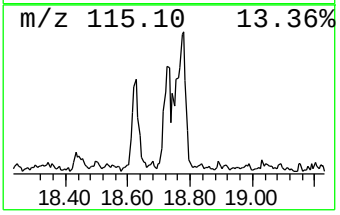












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Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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Quant Title : SVOA CALIBRATION

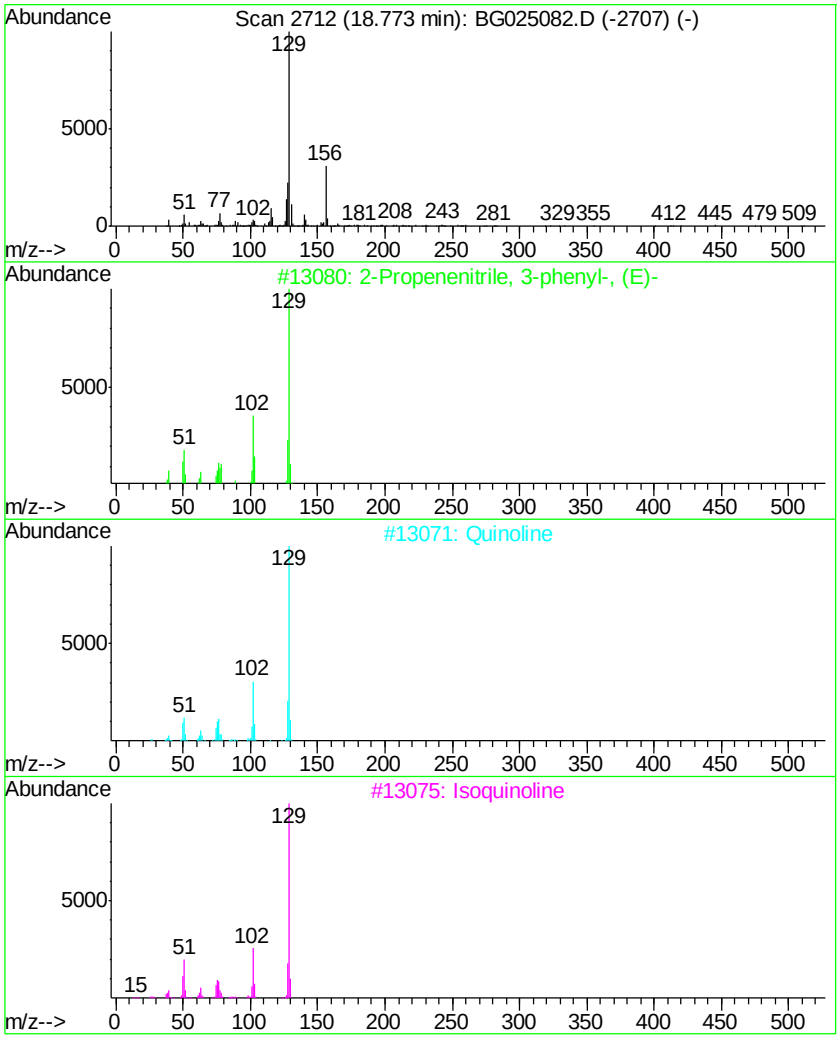
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

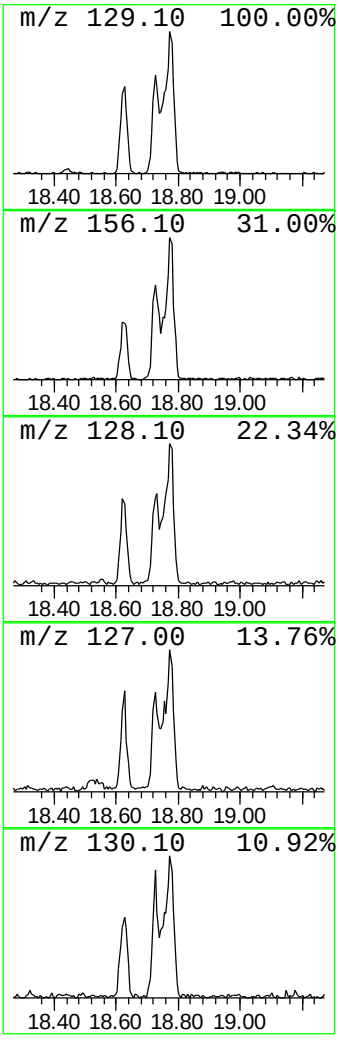
****

Peak Number 13 2-Propenenitrile, 3-phenyl-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	13.45 ng/ul	1106190	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	53
2	Quinoline	129	C9H7N	000091-22-5	53
3	Isoquinoline	129	C9H7N	000119-65-3	53
4	Benzeneacetic acid, .alpha.-cyan...	228	C13H12N2O2	134882-04-5	50
5	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	50





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ClientSampleId : DA809

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Quant Title : SVOA CALIBRATION

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

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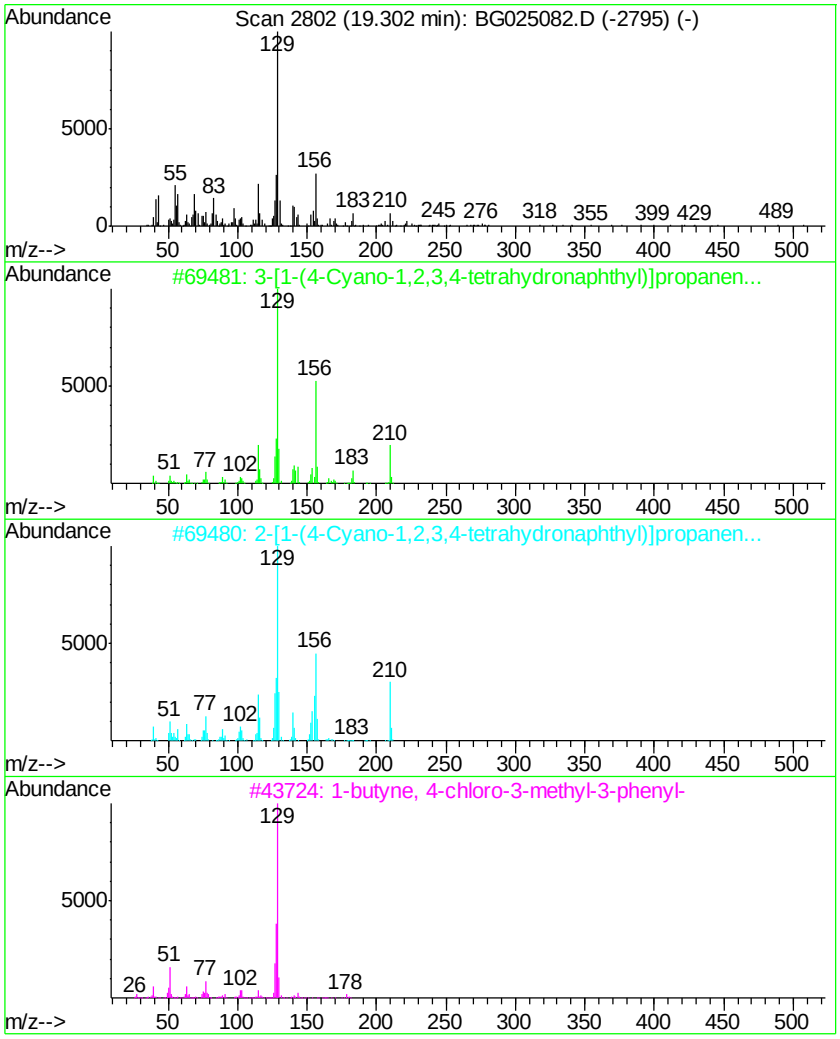
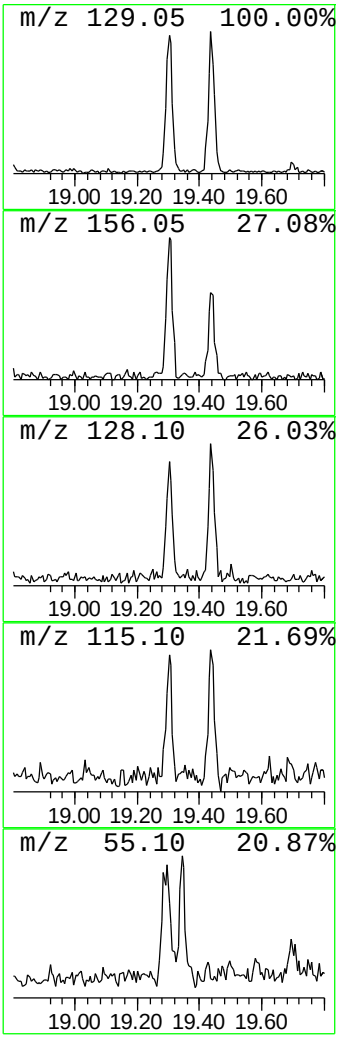
Peak Number 14 3-[1-(4-Cyano-1,2,3,4-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	5.89 ng/ul	484693	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	94
2	2-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-39-3	53
3	1-butyne, 4-chloro-3-methyl-3-ph...	178	C11H11Cl	1000161-45-9	53
4	Isoquinoline	129	C9H7N	000119-65-3	49
5	Isoquinoline	129	C9H7N	000119-65-3	47





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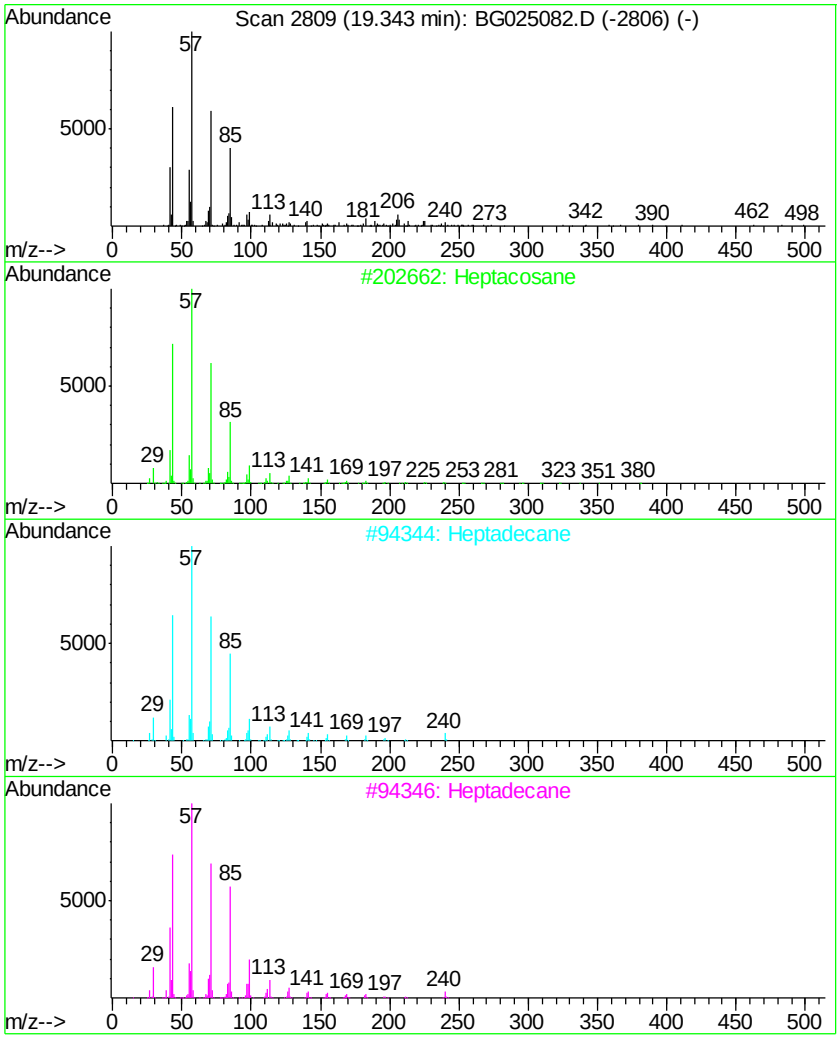
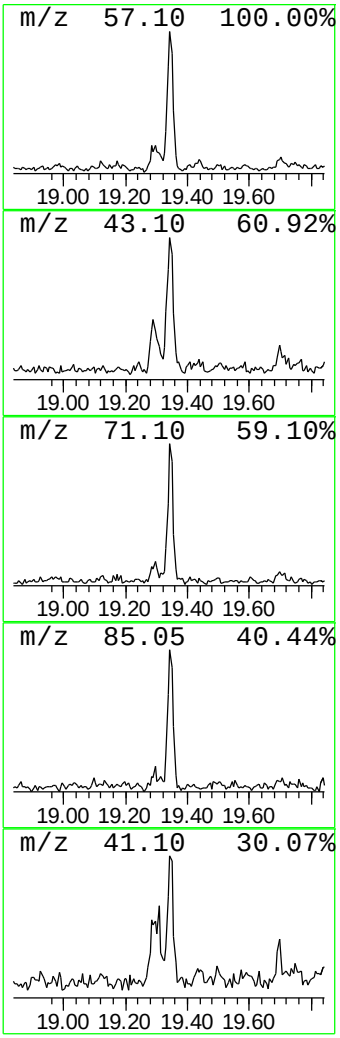
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	4.48 ng/ul	368294	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Heptadecane	240	C17H36	000629-78-7	87
3	Heptadecane	240	C17H36	000629-78-7	83
4	Nonadecane	268	C19H40	000629-92-5	81
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





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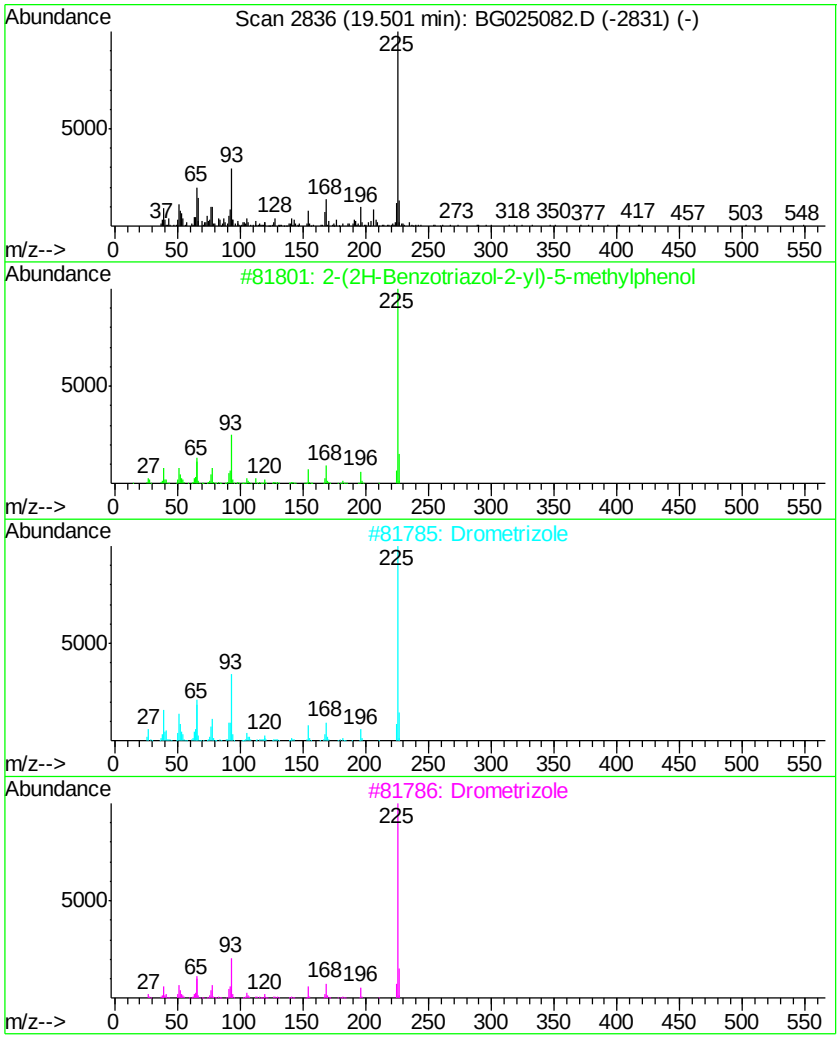
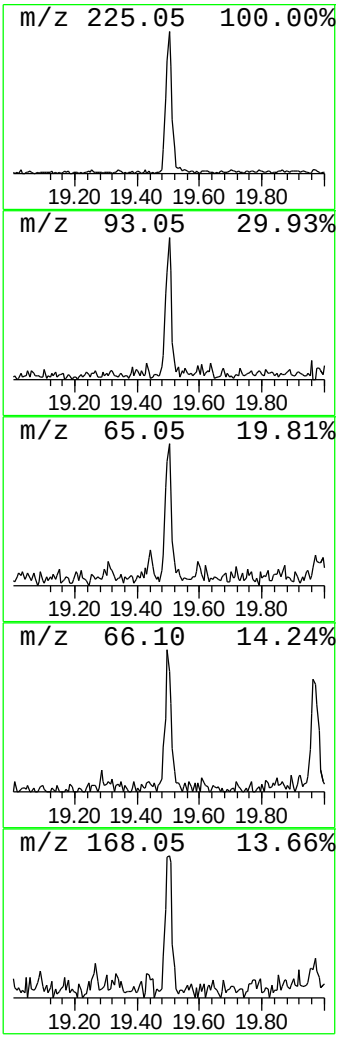
Peak Number 17 2-(2H-Benzotriazol-2-yl)-5-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	4.12 ng/ul	338827	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2H-Benzotriazol-2-yl)-5-methy...	225	C13H11N3O	004998-48-5	96
2	Drometrizole	225	C13H11N3O	002440-22-4	95
3	Drometrizole	225	C13H11N3O	002440-22-4	94
4	Drometrizole	225	C13H11N3O	002440-22-4	94
5	Drometrizole	225	C13H11N3O	002440-22-4	93





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Instrument : BNA_G
ClientSampleId : DA809

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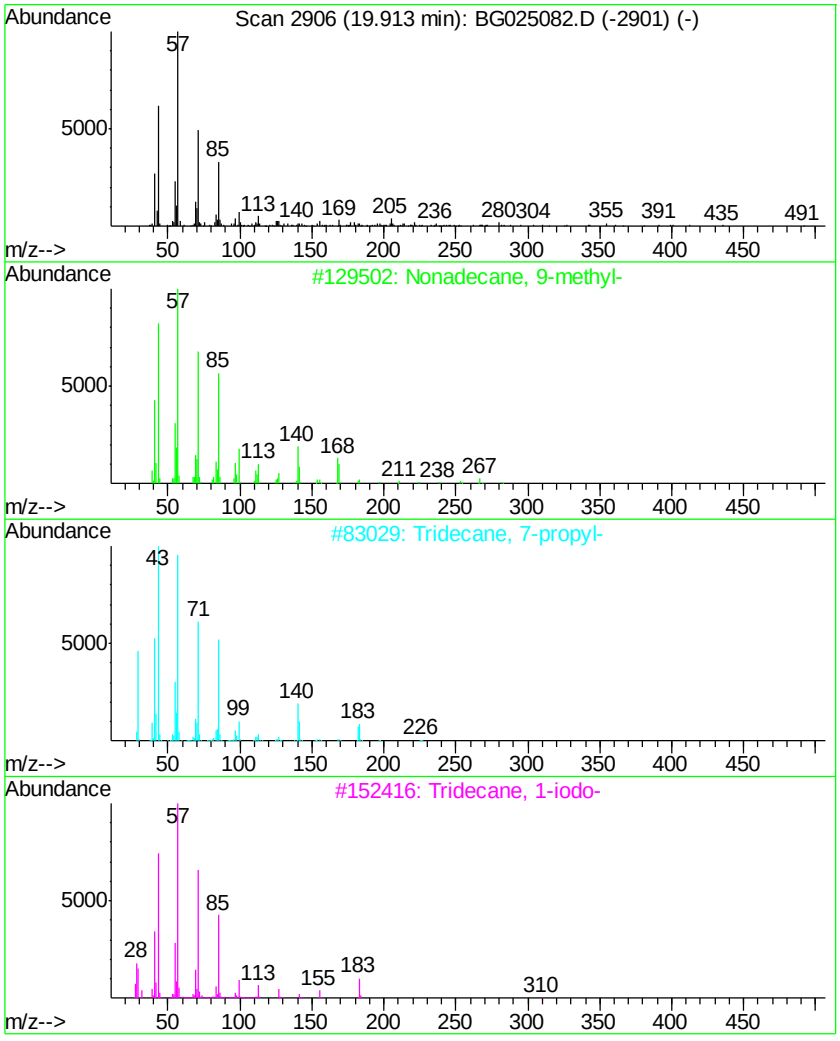
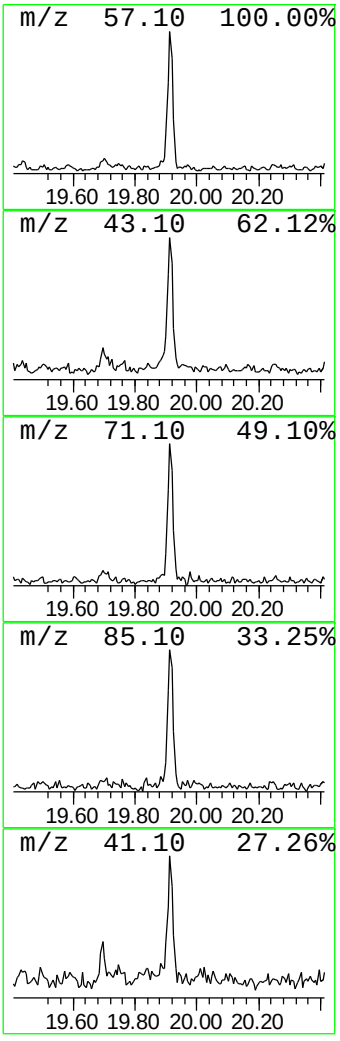
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	2.55 ng/ul	320089	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	81
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	74
5	1-Iodoundecane	282	C11H23I	004282-44-4	72





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Data File : BG025082.D
Acq On : 10 Dec 2016 23:51
Operator : UM/SJ
Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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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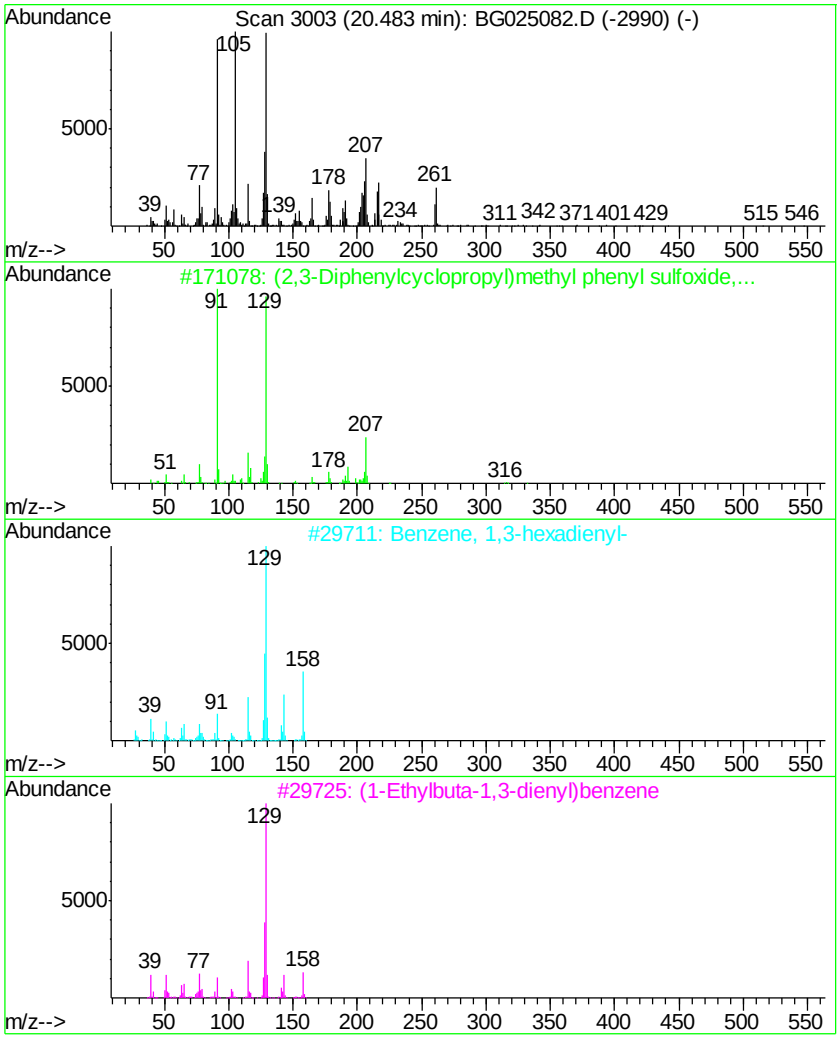
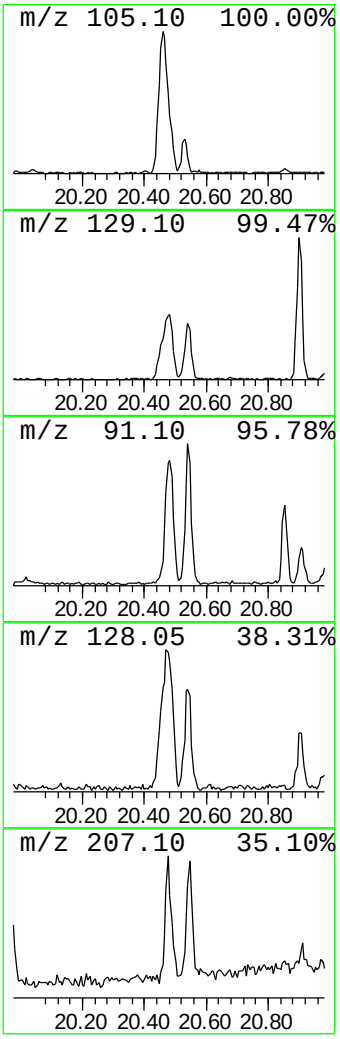
Peak Number 19 (2,3-Diphenylcyclopropyl)me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	19.48 ng/ul	2448990	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	50
2	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	22
3	(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	22
4	Benzonitrile, 4-ethenyl-	129	C9H7N	003435-51-6	18
5	Acetic acid, oxo((1-phenylethyl)...	207	C10H13N3O2	000093-95-8	18





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Data File : BG025082.D
Acq On : 10 Dec 2016 23:51
Operator : UM/SJ
Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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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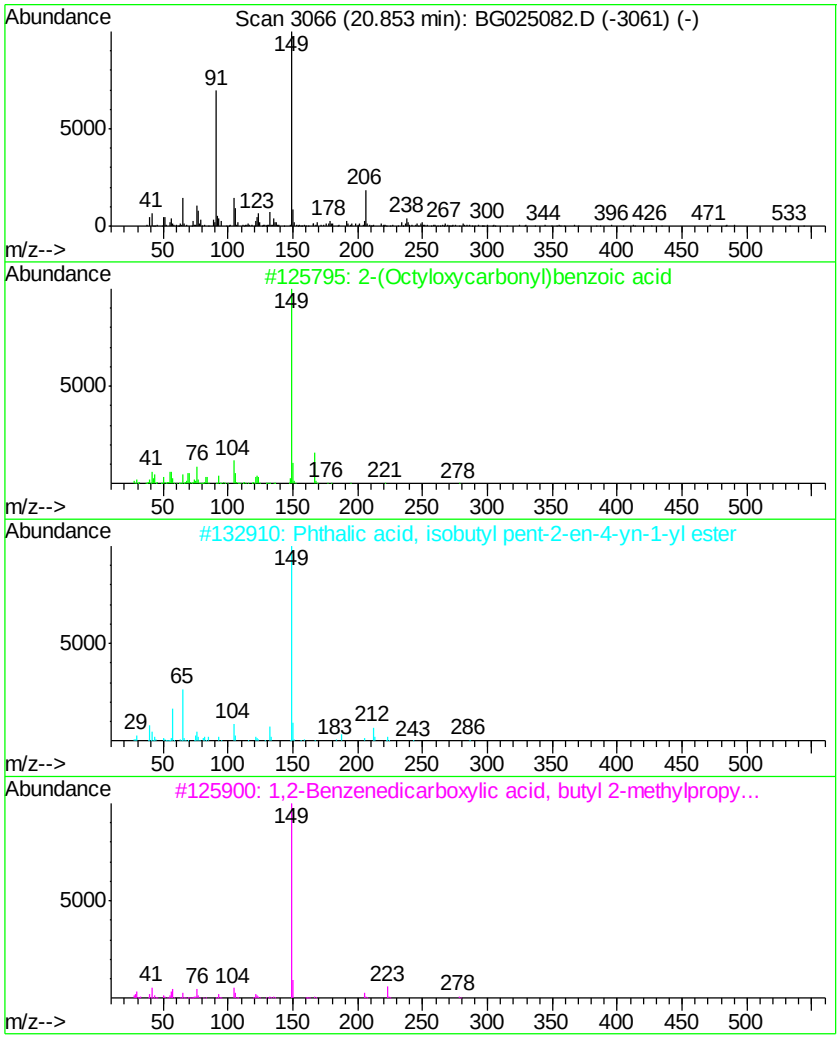
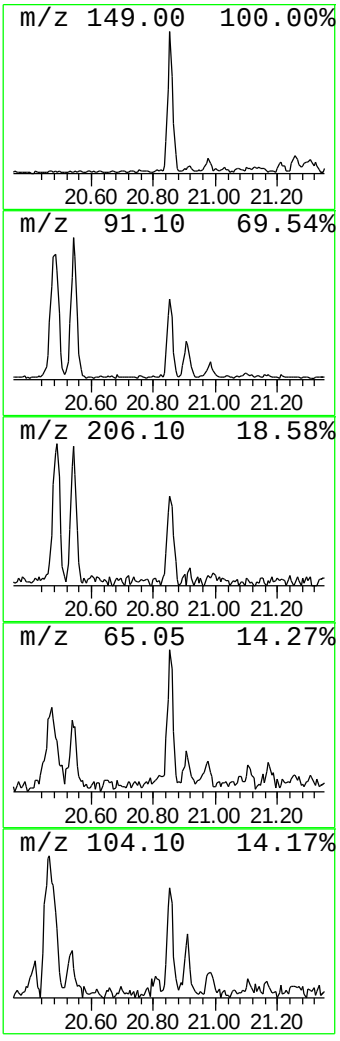
Peak Number 21 2-(Octyloxycarbonyl)benzoic... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	2.56 ng/ul	322502	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Octyloxycarbonyl)benzoic acid	278	C16H22O4	1000373-53-3	64
2	Phthalic acid, isobutyl pent-2-e...	286	C17H18O4	1000315-45-6	64
3	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	59
4	Phthalic acid, heptyl oct-3-yl e...	376	C23H36O4	1000377-71-6	59
5	Phthalic acid, ethyl pentyl ester	264	C15H20O4	1000308-93-6	59





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Data File : BG025082.D
Acq On : 10 Dec 2016 23:51
Operator : UM/SJ
Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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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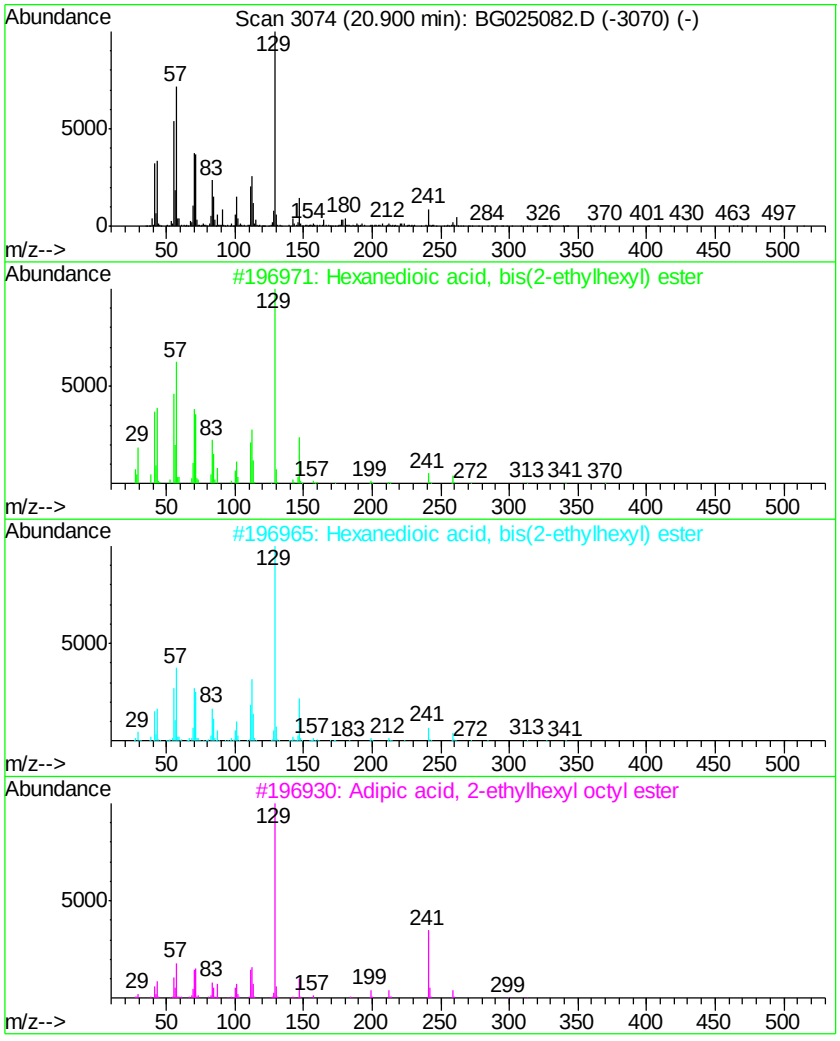
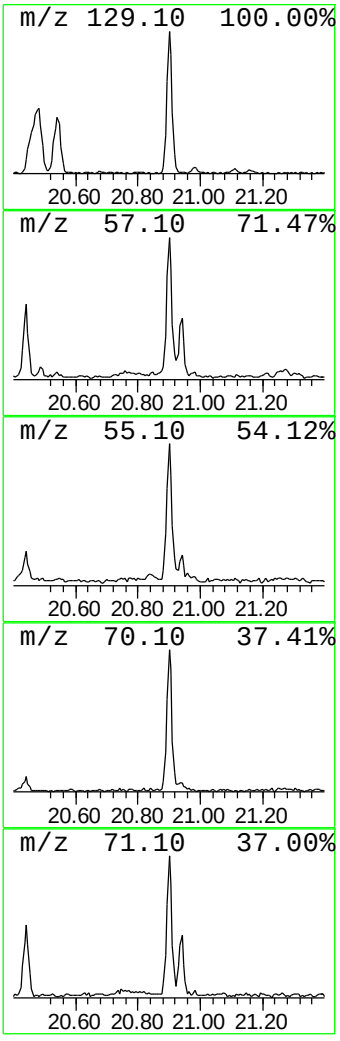
Peak Number 22 Hexanedioic acid, bis(2-eth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	11.84 ng/ul	1488490	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	93
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
3	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	86
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	81





Library Search Compound Report

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Acq On : 10 Dec 2016 23:51
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Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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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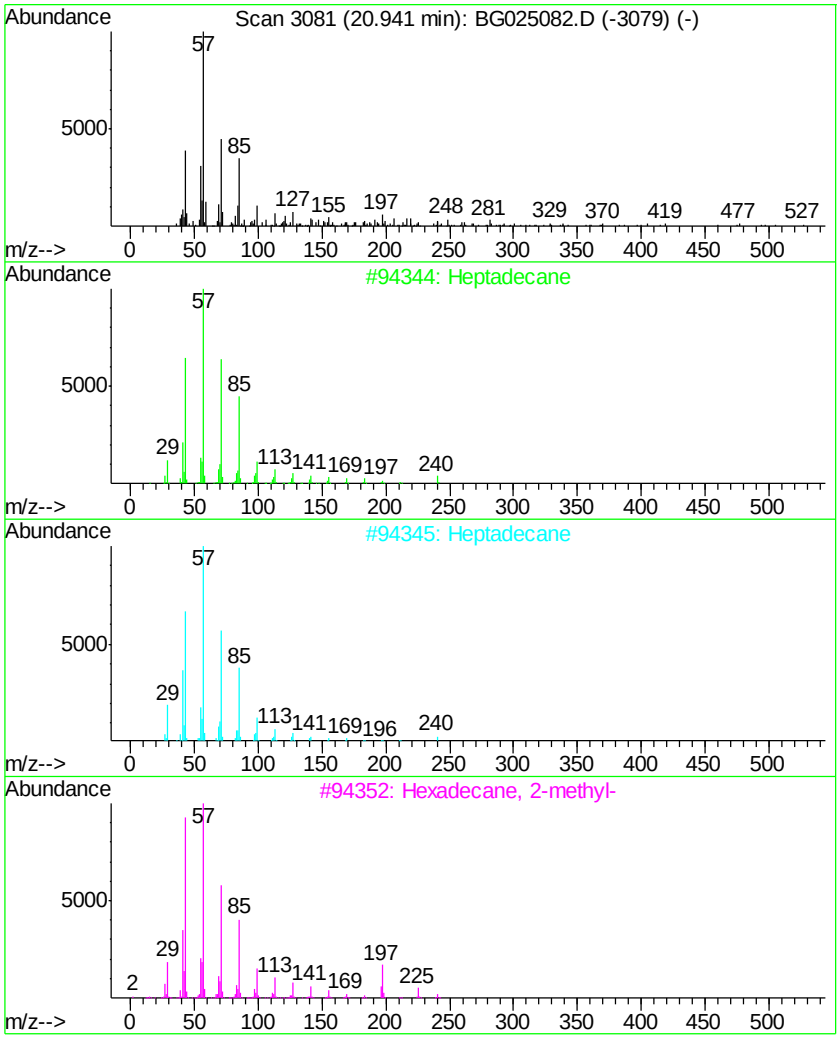
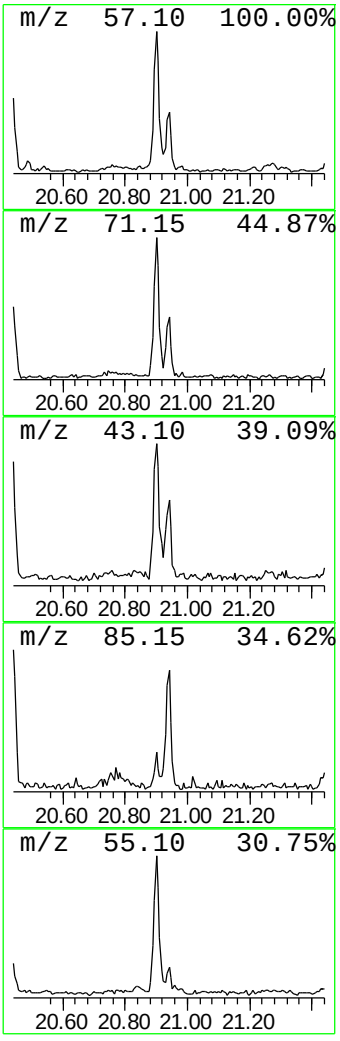
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.34 ng/ul	294828	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	64
2	Heptadecane	240	C17H36	000629-78-7	64
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64
4	Docosane	310	C22H46	000629-97-0	52
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	52





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Acq On : 10 Dec 2016 23:51
Operator : UM/SJ
Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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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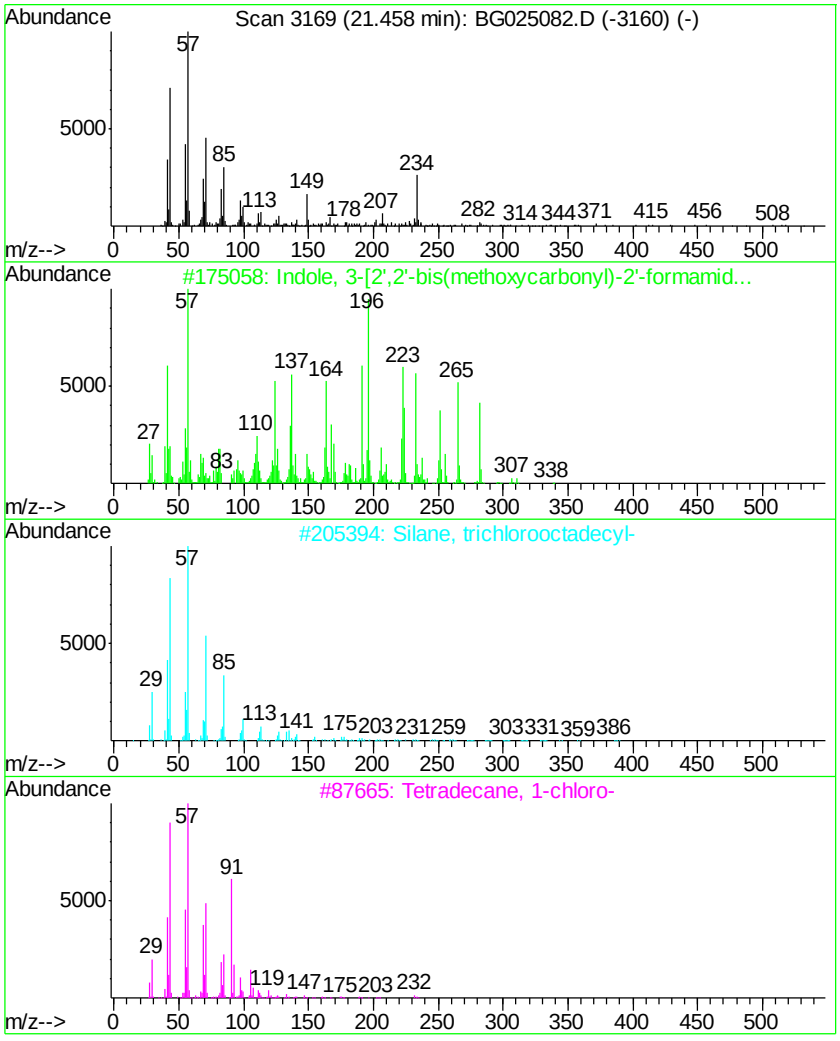
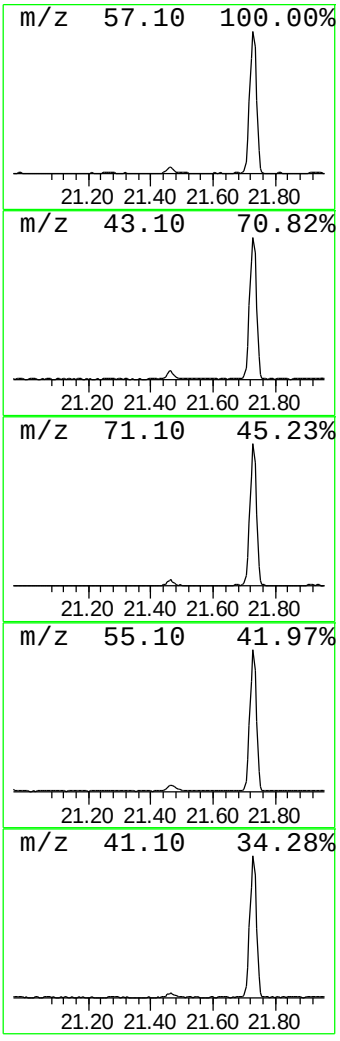
Peak Number 24 Indole, 3-[2',2'-bis(methox... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	7.97 ng/ul	1002230	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole, 3-[2',2'-bis(methoxycarb...	338	C17H26N2O5	1000195-88-7	91
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	70
3	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	60
4	Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	53
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50





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Acq On : 10 Dec 2016 23:51
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Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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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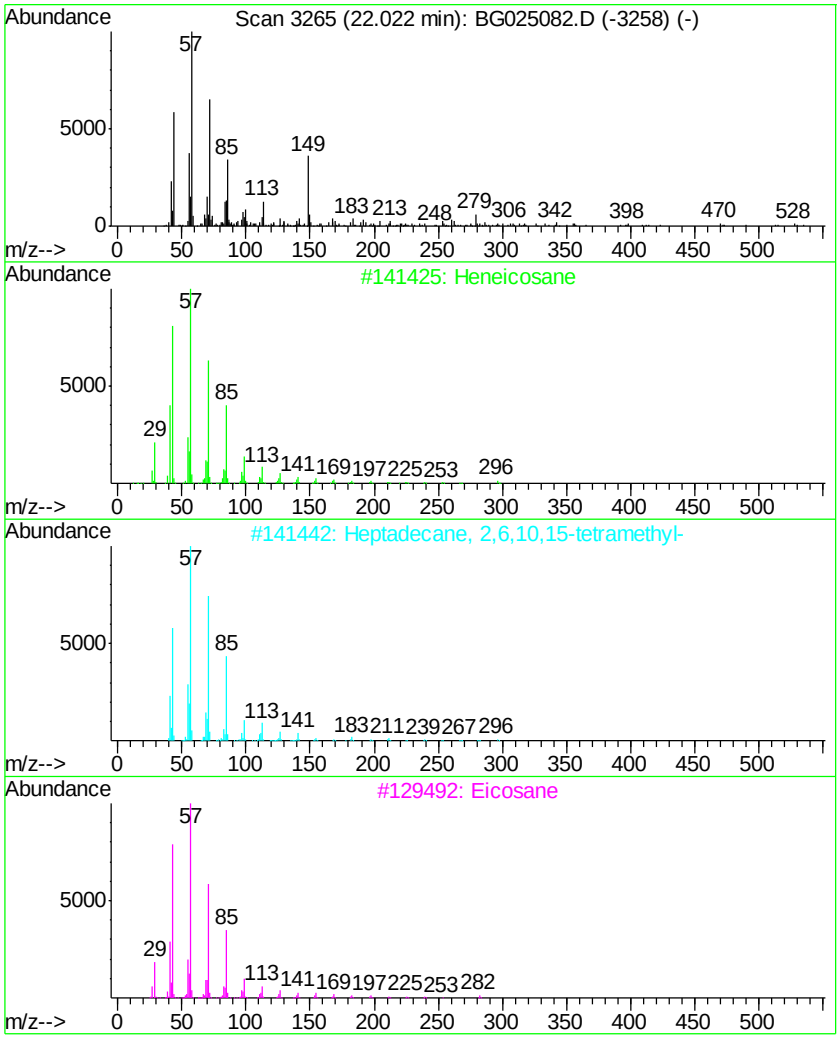
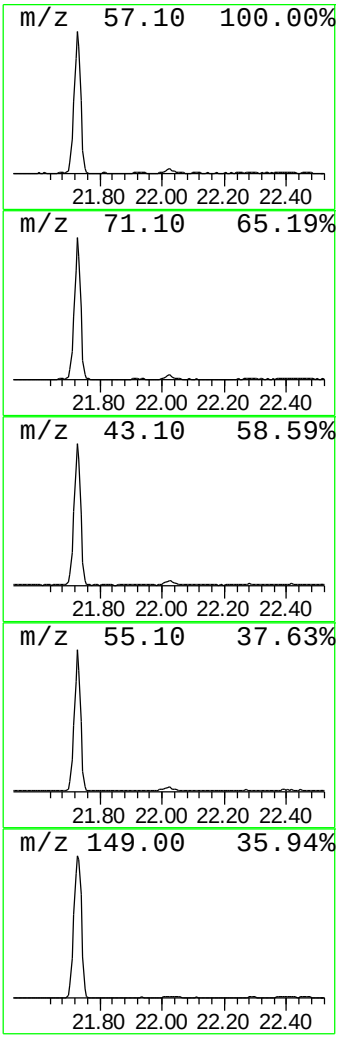
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	3.31 ng/ul	415618	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	78
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
3	Eicosane	282	C20H42	000112-95-8	60
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	60
5	Octadecane	254	C18H38	000593-45-3	60





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Acq On : 10 Dec 2016 23:51
Operator : UM/SJ
Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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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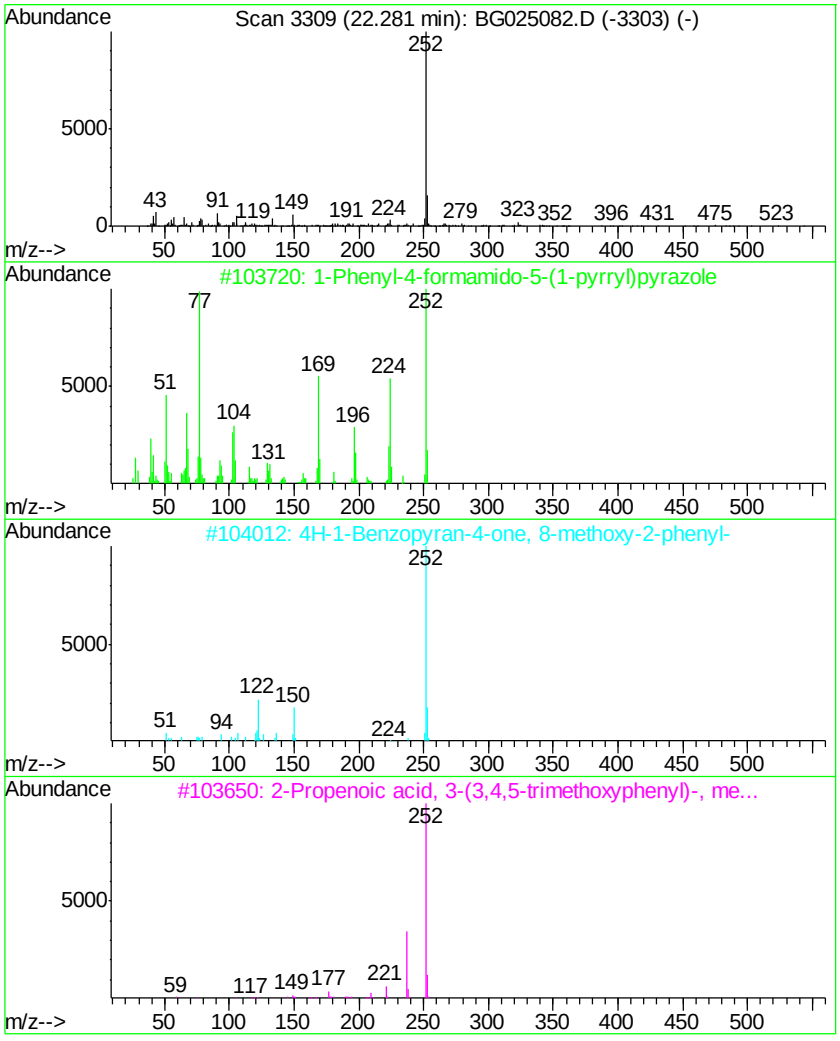
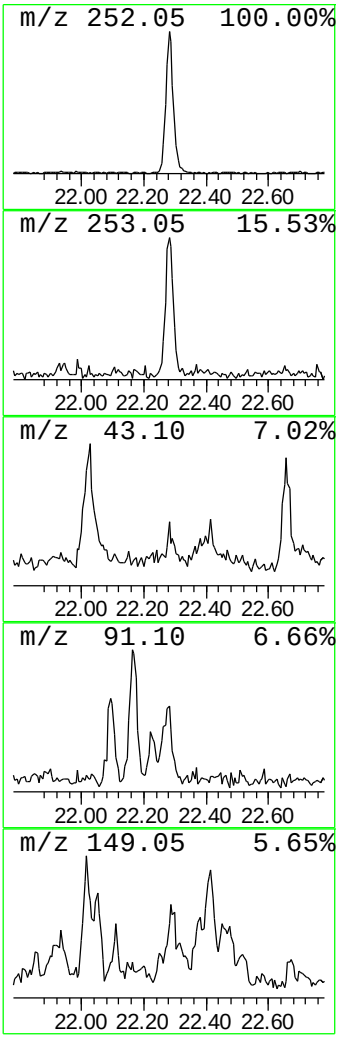
Peak Number 26 1-Phenyl-4-formamido-5-(1-p... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	4.81 ng/ul	605151	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-4-formamido-5-(1-pyrryl...	252	C14H12N4O	094692-10-1	74
2	4H-1-Benzopyran-4-one, 8-methoxy...	252	C16H12O3	026964-26-1	72
3	2-Propenoic acid, 3-(3,4,5-trime...	252	C13H16O5	007560-49-8	72
4	4-[5-(4-Methoxyphenyl)-2-oxazoly...	252	C15H12N2O2	096753-33-2	64
5	1,3-Diphenyl-2,4-imidazolidinedione	252	C15H12N2O2	003157-03-7	64





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Quant Title : SVOA CALIBRATION

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

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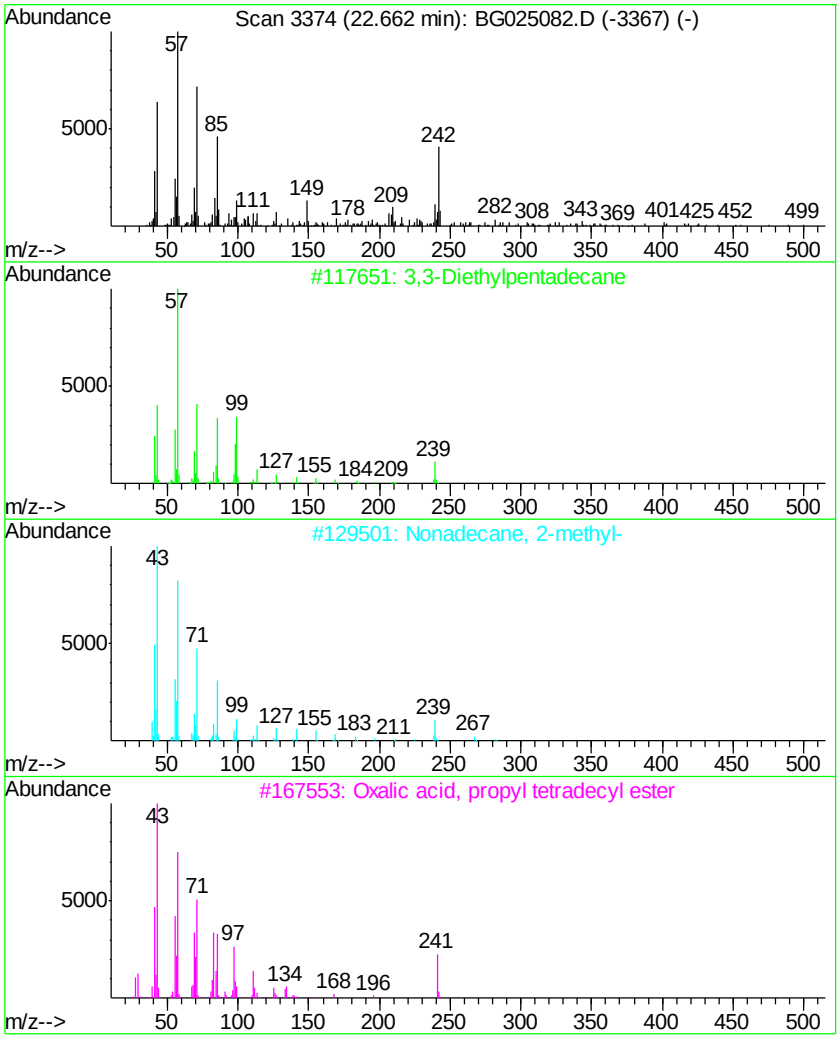
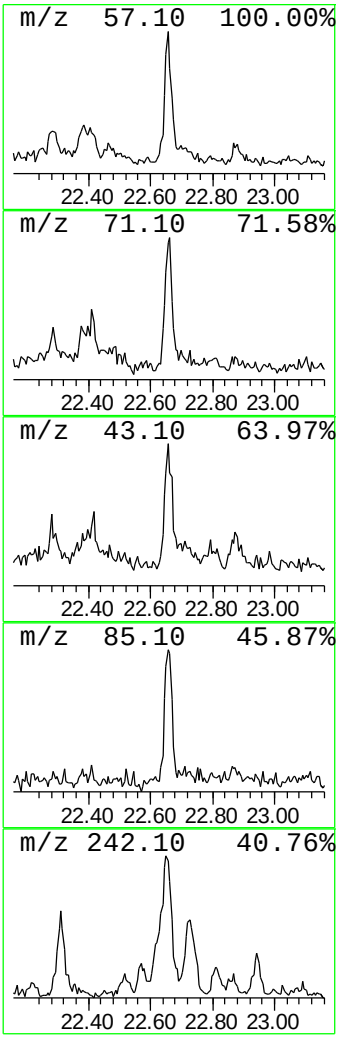
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	2.65 ng/ul	333592	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Diethylpentadecane	268	C19H40	1000360-41-1	25
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	25
3	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	25
4	5-Butyl-5-ethylpentadecane	296	C21H44	1000360-42-8	25
5	5-Ethylheptadecane	268	C19H40	1000360-42-9	25





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Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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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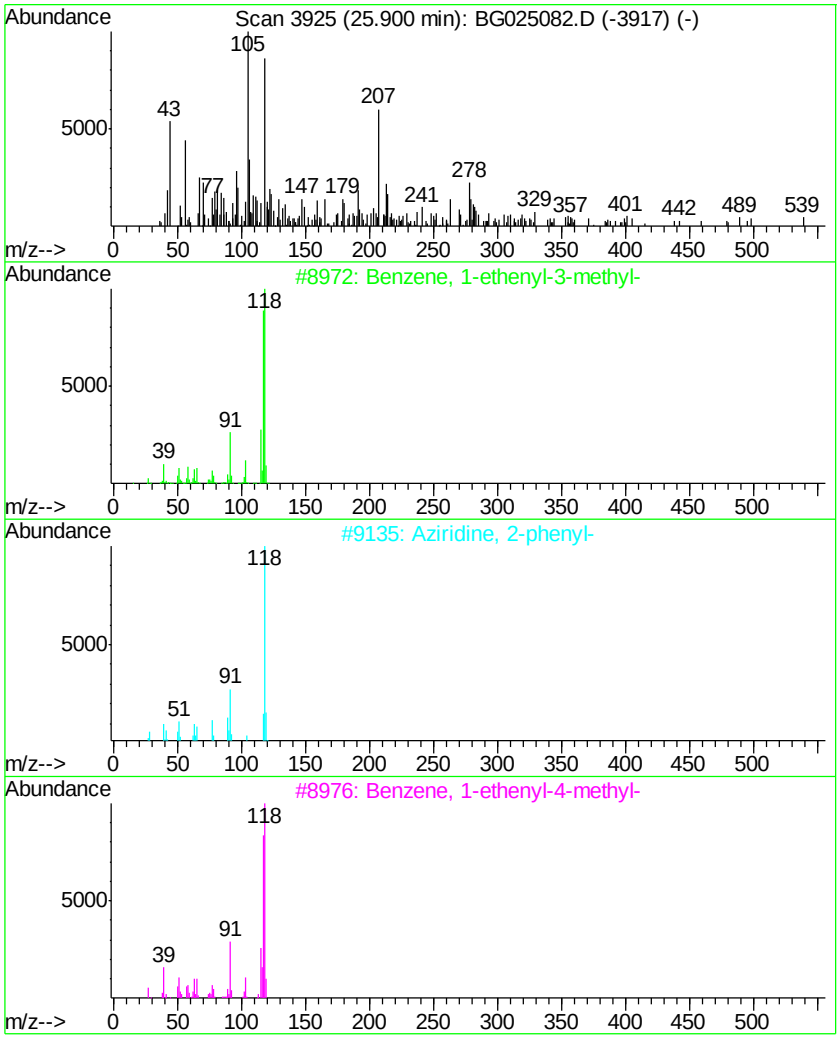
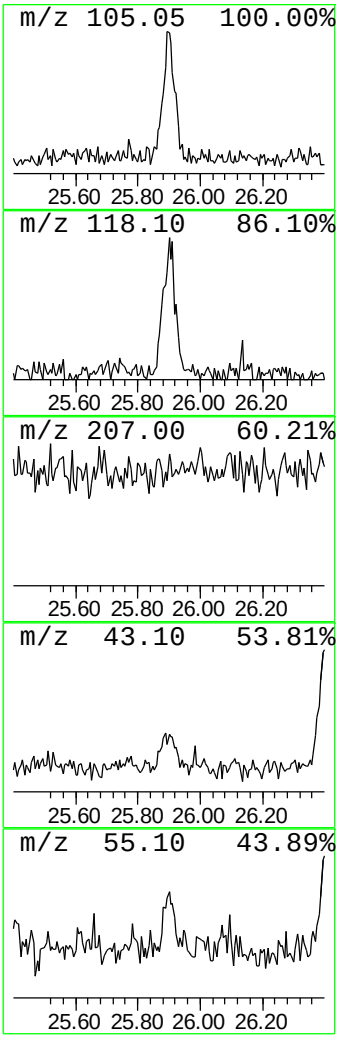
Peak Number 30 Benzene, 1-ethenyl-3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.90	2.69 ng/ul	228331	Perylene-d12	25.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	30
2	Aziridine, 2-phenyl-	119	C8H9N	001499-00-9	30
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	30
4	Benzeneacetamide, N-[4-(octahydr...	354	C18H18N4O4	1000349-93-3	30
5	1-Cyano-1,2,3,8a-tetrahydroindol...	339	C21H13N3O2	1000286-34-5	30





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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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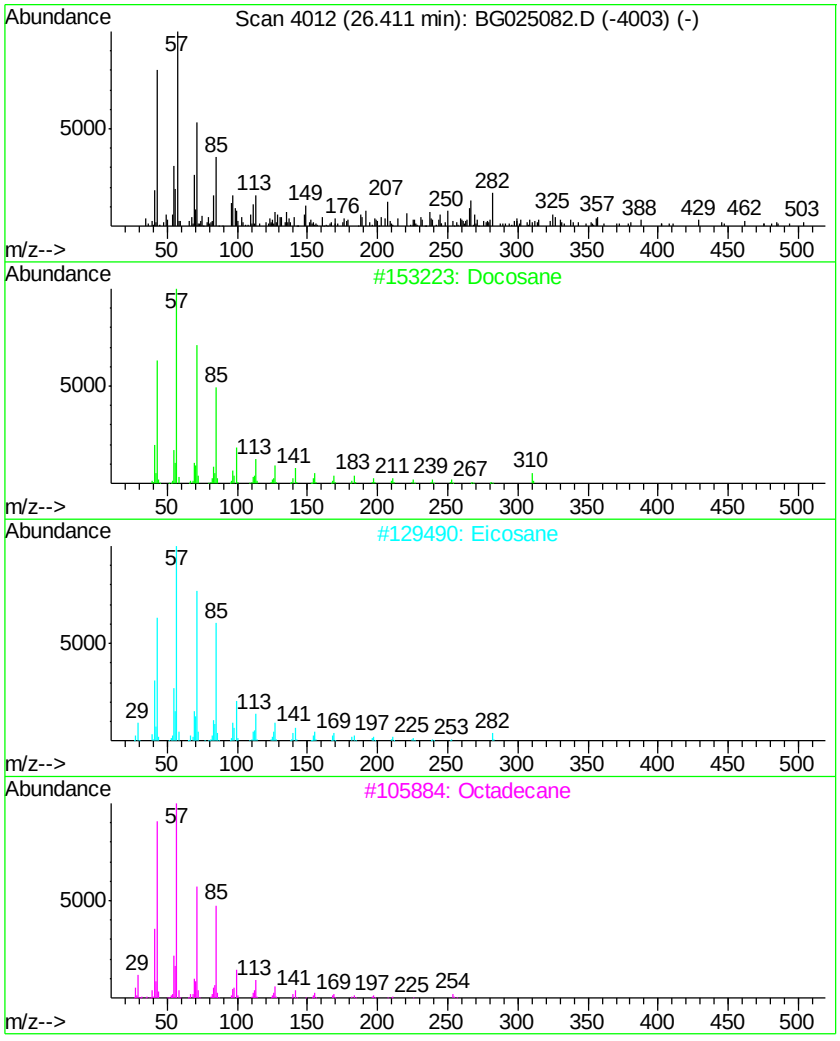
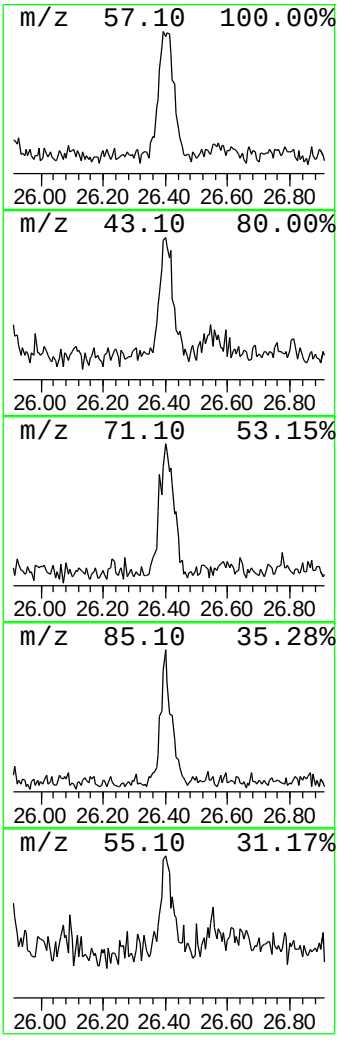
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.41	3.92 ng/ul	332745	Perylene-d12	25.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	83
2	Eicosane	282	C20H42	000112-95-8	64
3	Octadecane	254	C18H38	000593-45-3	60
4	Tetradecane	198	C14H30	000629-59-4	55
5	Docosane	310	C22H46	000629-97-0	53





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Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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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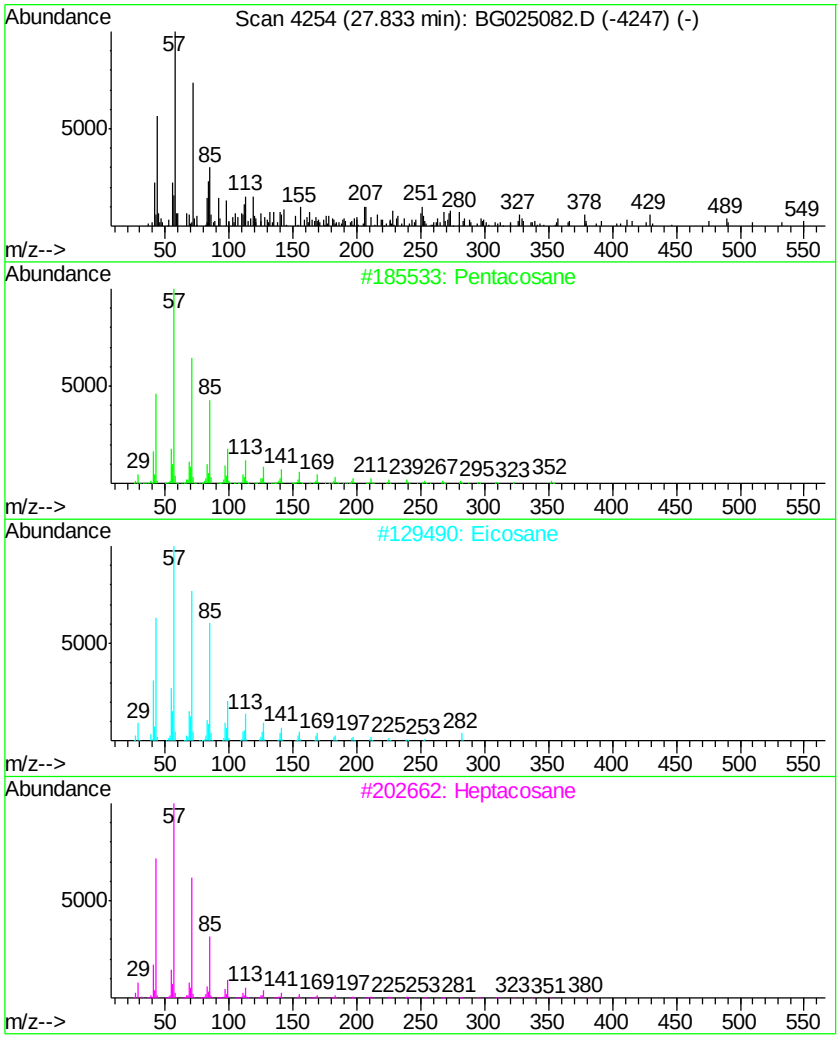
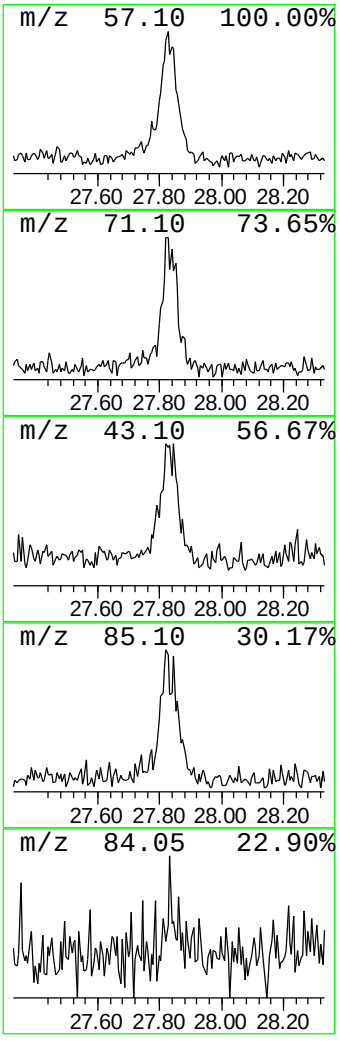
Peak Number 32 (DEL) Alkane: Branched27.83 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.83	3.65 ng/ul	309805	Perylene-d12	25.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	89
2	Eicosane	282	C20H42	000112-95-8	76
3	Heptacosane	380	C27H56	000593-49-7	76
4	Hexacosane	366	C26H54	000630-01-3	68
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025082.D
Acq On : 10 Dec 2016 23:51
Operator : UM/SJ
Sample : H5905-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA809

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
Bicyclo[4.2.0]oct...	6.20	6.2	ng/ul	152647	1	8.24	493075	20.0
Benzocycloheptatr...	12.92	2.9	ng/ul	109664	2	11.06	754746	20.0
Naphthalene, 2,7-...	14.17	2.1	ng/ul	134071	3	14.85	1302060	20.0
(DEL) Alkane: Str...	15.65	3.3	ng/ul	212761	3	14.85	1302060	20.0
(DEL) Alkane: Str...	16.53	6.2	ng/ul	505782	4	17.60	1645020	20.0
Naphthalene, 1,2,...	17.13	2.0	ng/ul	165799	4	17.60	1645020	20.0
(DEL) Alkane: Str...	17.30	2.7	ng/ul	220499	4	17.60	1645020	20.0
(DEL) Alkane: Str...	18.04	3.9	ng/ul	323541	4	17.60	1645020	20.0
Tridecanoic acid	18.44	4.4	ng/ul	362795	4	17.60	1645020	20.0
2-[1-(4-Cyano-1,2...	18.63	8.4	ng/ul	690018	4	17.60	1645020	20.0
Benzeneacetonitri...	18.73	12.2	ng/ul	1007110	4	17.60	1645020	20.0
2-Propenenitrile,...	18.77	13.4	ng/ul	1106190	4	17.60	1645020	20.0
3-[1-(4-Cyano-1,2...	19.30	5.9	ng/ul	484693	4	17.60	1645020	20.0
(DEL) Alkane: Str...	19.34	4.5	ng/ul	368294	4	17.60	1645020	20.0
2-(2H-Benzotriazo...	19.50	4.1	ng/ul	338827	4	17.60	1645020	20.0
(DEL) Alkane: Str...	19.91	2.5	ng/ul	320089	5	21.89	2515020	20.0
(2,3-Diphenylcycl...	20.48	19.5	ng/ul	2448990	5	21.89	2515020	20.0
2-(Octyloxycarbon...	20.85	2.6	ng/ul	322502	5	21.89	2515020	20.0
Hexanedioic acid,...	20.90	11.8	ng/ul	1488490	5	21.89	2515020	20.0
(DEL) Alkane: Str...	20.94	2.3	ng/ul	294828	5	21.89	2515020	20.0
Indole, 3-[2',2'-...	21.46	8.0	ng/ul	1002230	5	21.89	2515020	20.0
(DEL) Alkane: Str...	22.02	3.3	ng/ul	415618	5	21.89	2515020	20.0
1-Phenyl-4-formam...	22.28	4.8	ng/ul	605151	5	21.89	2515020	20.0
(DEL) Alkane: Str...	22.66	2.6	ng/ul	333592	5	21.89	2515020	20.0
Benzene, 1-etheny...	25.90	2.7	ng/ul	228331	6	25.29	1697340	20.0
(DEL) Alkane: Str...	26.41	3.9	ng/ul	332745	6	25.29	1697340	20.0
(DEL) Alkane: Bra...	27.83	3.6	ng/ul	309805	6	25.29	1697340	20.0