LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025161.D
Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.707	479	488	496	rBV	64015	114024	1.56%	0.098%
2	6.195	563	571	578	rBV2	192112	355637	4.85%	0.307%
3	7.388	764	774	790	rVB3	564953	1227716	16.74%	1.060%
4	7.552	792	802	811	rBV	328019	568612	7.75%	0.491%
5	7.770	828	839	845	rBV	445255	816438	11.13%	0.705%
6	7.846	845	852	860	rVB2	311272	520325	7.10%	0.449%
7	8.240	909	919	931	rBV	394523	725193	9.89%	0.626%
8	8.710	993	999	1005	rBV3	55342	96022	1.31%	0.083%
9	8.945	1031	1039	1053	rVV2	541894	1216145	16.59%	1.050%
10	9.068	1053	1060	1068	rVB2	103240	177247	2.42%	0.153%
11	9.421	1111	1120	1130	rBV	472429	930289	12.69%	0.804%
12	10.137	1233	1242	1253	rBV	430254	838223	11.43%	0.724%
13	10.684	1326	1335	1342	rBV	611647	1130979	15.42%	0.977%
14	11.066	1391	1400	1406	rBV2	557668	1030642	14.06%	0.890%
15	11.119	1406	1409	1416	rVV	66197	108818	1.48%	0.094%
16	11.207	1416	1424	1442	rVB2	165034	387164	5.28%	0.334%
17	12.288	1601	1608	1615	rVB3	51844	89233	1.22%	0.077%
18	12.705	1673	1679	1685	rBV	97921	163167	2.23%	0.141%
19	13.692	1843	1847	1855	rVB2	73248	126766	1.73%	0.109%
20	14.039	1891	1906	1912	rBV6	53297	164130	2.24%	0.142%
21	14.174	1924	1929	1934	rBV3	52290	110776	1.51%	0.096%
22	14.250	1936	1942	1947	rBV	1077300	1617980	22.07%	1.398%
23	14.297	1947	1950	1955	rVV	85179	114125	1.56%	0.099%
24	14.556	1986	1994	2004	rBV	1107715	1917086	26.15%	1.656%
25	14.703	2011	2019	2026	rVB2	50144	84008	1.15%	0.073%
26	14.861	2034	2046	2053	rBV	867202	1486045	20.27%	1.284%
27	15.061	2074	2080	2089	rBV	434474	835035	11.39%	0.721%
28	15.220	2101	2107	2118	rVB10	68357	223808	3.05%	0.193%
29	15.461	2140	2148	2154	rBV8	34817	84784	1.16%	0.073%
30	15.519	2154	2158	2168	rVB9	48140	82157	1.12%	0.071%
31	15.649	2168	2180	2187	rBV2	113108	241314	3.29%	0.208%
32	15.848	2204	2214	2228	rBV	1477635	2383838	32.51%	2.059%
33	15.972	2230	2235	2242	rVB	393098	574103	7.83%	0.496%
34	16.101	2251	2257	2267	rVB	195750	334768	4.57%	0.289%

LSC Area Percent Report

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Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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

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

35	16.354	2294	2300	2305	rVV6	49879	121177	1.65%	0.105%
36	16.407	2305	2309	2316	rVB7	57327	104052	1.42%	0.090%
37	16.506	2322	2326	2333	rBV3	137259	280544	3.83%	0.242%
38	16.600	2337	2342	2347	rVB	265115	371968	5.07%	0.321%
39	16.706	2355	2360	2366	rVB5	79823	160991	2.20%	0.139%
40	16.771	2367	2371	2375	rVB4	69309	94020	1.28%	0.081%
41	16.959	2398	2403	2414	rBV4	456467	786848	10.73%	0.680%
42	17.300	2458	2461	2464	rVV	100195	129627	1.77%	0.112%
43	17.329	2464	2466	2474	rVB6	62473	109714	1.50%	0.095%
44	17.429	2479	2483	2487	rBV	47504	87034	1.19%	0.075%
45	17.605	2507	2513	2517	rVV2	964461	1604681	21.88%	1.386%
46	17.646	2517	2520	2524	rVV	333663	500658	6.83%	0.432%
47	17.705	2524	2530	2538	rVV2	1444987	2425685	33.08%	2.095%
48	17.787	2538	2544	2548	rVV8	51333	122493	1.67%	0.106%
49	17.952	2564	2572	2577	rVB8	38332	93036	1.27%	0.080%
50	18.034	2577	2586	2591	rBV3	164331	364313	4.97%	0.315%
51	18.187	2603	2612	2620	rBV4	165011	380544	5.19%	0.329%
52	18.328	2631	2636	2644	rBV4	157155	416637	5.68%	0.360%
53	18.463	2651	2659	2665	rBV2	4410867	7332408	100.00%	6.334%
54	18.522	2665	2669	2675	rVB	827817	1319780	18.00%	1.140%
55	18.657	2687	2692	2696	rBV2	350291	594217	8.10%	0.513%
56	18.704	2696	2700	2707	rVB2	331099	665931	9.08%	0.575%
57	18.774	2708	2712	2716	rBV4	181954	283585	3.87%	0.245%
58	18.868	2723	2728	2731	rBV3	124833	214916	2.93%	0.186%
59	18.904	2731	2734	2739	rBV6	164581	265970	3.63%	0.230%
60	18.951	2739	2742	2748	rVV8	135899	240234	3.28%	0.208%
61	19.133	2761	2773	2776	rBV8	177687	621125	8.47%	0.537%
62	19.203	2777	2785	2789	rVV4	517043	1072114	14.62%	0.926%
63	19.256	2789	2794	2797	rBV	900814	1317867	17.97%	1.138%
64	19.297	2797	2801	2806	rVB	654846	957903	13.06%	0.827%
65	19.374	2806	2814	2819	rBV2	1699871	3207345	43.74%	2.770%
66	19.427	2819	2823	2827	rVV	788928	1322228	18.03%	1.142%
67	19.468	2827	2830	2833	rVB	513837	581823	7.93%	0.503%
68	19.509	2833	2837	2842	rBV	610600	1001700	13.66%	0.865%
69	19.562	2843	2846	2848	rVV	197446	225191	3.07%	0.195%
70	19.620	2849	2856	2863	rBV5	1525634	3365838	45.90%	2.907%
71	19.720	2864	2873	2879	rBV4	3438520	5199334	70.91%	4.491%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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Peak separation: 1

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

72	19.873	2895	2899	2901	rBV4	464903	666641	9.09%	0.576%
73	19.914	2901	2906	2911	rVB2	958480	1685351	22.98%	1.456%
74	19.979	2911	2917	2920	rBV	2119219	3685320	50.26%	3.183%
75	20.008	2920	2922	2927	rVV	2083334	2625412	35.81%	2.268%
76	20.067	2927	2932	2937	rVV	2052361	3160636	43.11%	2.730%
77	20.149	2938	2946	2949	rBV2	905072	2210399	30.15%	1.909%
78	20.184	2949	2952	2956	rVV	898639	1078607	14.71%	0.932%
79	20.231	2956	2960	2966	rVV	574438	1150414	15.69%	0.994%
80	20.302	2968	2972	2974	rBV	428981	565913	7.72%	0.489%
81	20.337	2975	2978	2984	rVB2	451850	796987	10.87%	0.688%
82	20.396	2984	2988	2991	rBV3	521521	777202	10.60%	0.671%
83	20.449	2993	2997	3002	rBV3	1067645	1915586	26.12%	1.655%
84	20.496	3002	3005	3011	rVB2	1347040	2006329	27.36%	1.733%
85	20.555	3011	3015	3018	rBV2	513267	900067	12.28%	0.777%
86	20.649	3028	3031	3034	rVB	629519	647790	8.83%	0.560%
87	20.684	3035	3037	3041	rVB	871244	893583	12.19%	0.772%
88	20.796	3051	3056	3060	rBV	1421500	2231870	30.44%	1.928%
89	20.854	3060	3066	3072	rVB2	1548300	3619146	49.36%	3.126%
90	20.948	3073	3082	3085	rBV4	1328780	2748584	37.49%	2.374%
91	21.271	3134	3137	3142	rVB2	811906	1185522	16.17%	1.024%
92	21.371	3151	3154	3159	rVB	796814	1169237	15.95%	1.010%
93	21.436	3161	3165	3168	rBV	1040437	1851588	25.25%	1.599%
94	21.471	3168	3171	3182	rVB3	1881161	3685164	50.26%	3.183%
95	21.642	3196	3200	3210	rBV5	714552	1874630	25.57%	1.619%
96	21.736	3213	3216	3225	rVB	785808	1141483	15.57%	0.986%
97	21.918	3243	3247	3253	rVB2	1011747	1670414	22.78%	1.443%
98	22.047	3265	3269	3277	rVB3	1397892	2627673	35.84%	2.270%
99	22.676	3369	3376	3384	rVB3	1702125	5235382	71.40%	4.522%
100	25.149	3794	3797	3814	rVB4	941844	3143274	42.87%	2.715%

Sum of corrected areas: 115770332

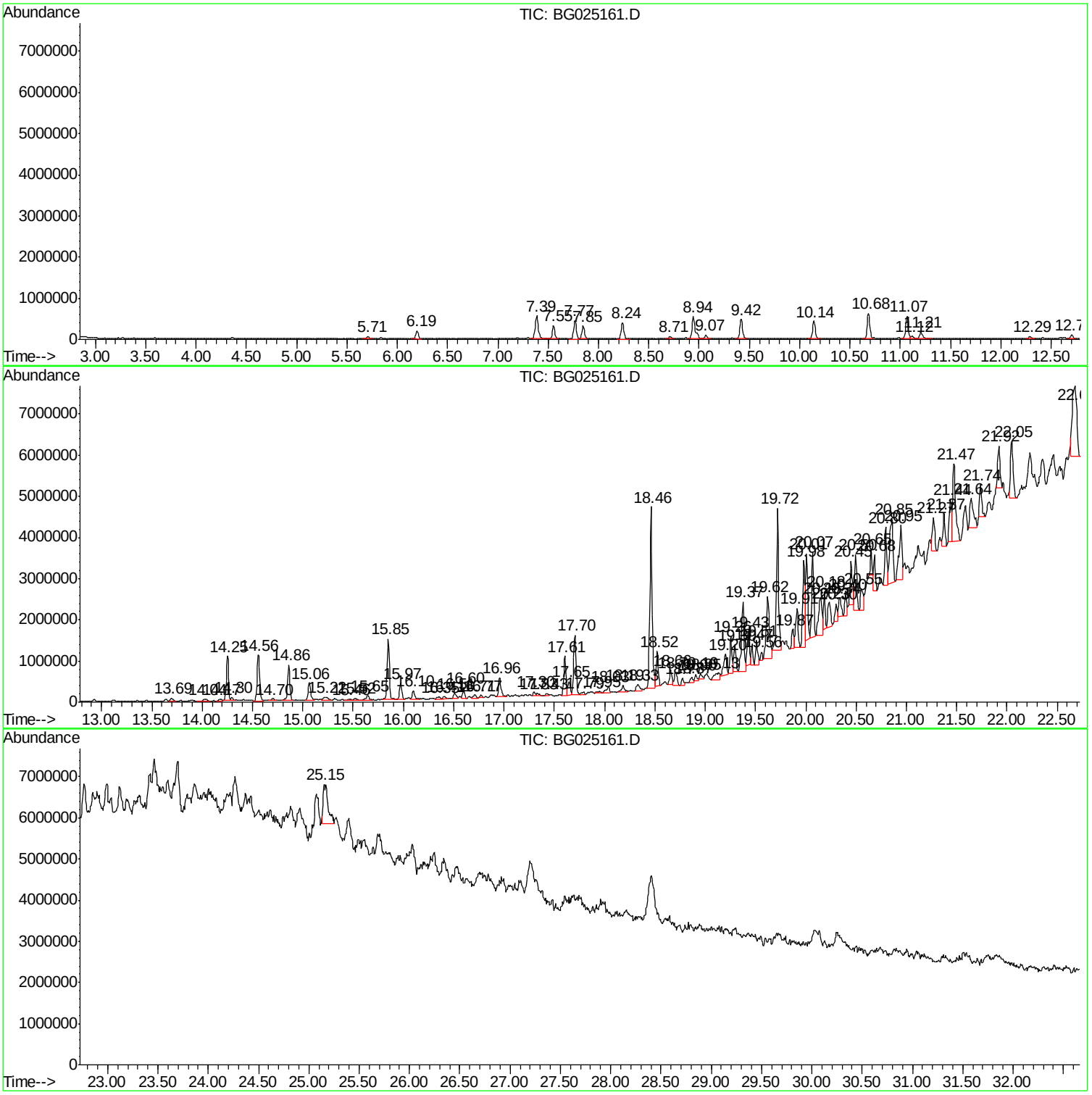
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025161.D
Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025161.D
Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
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Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

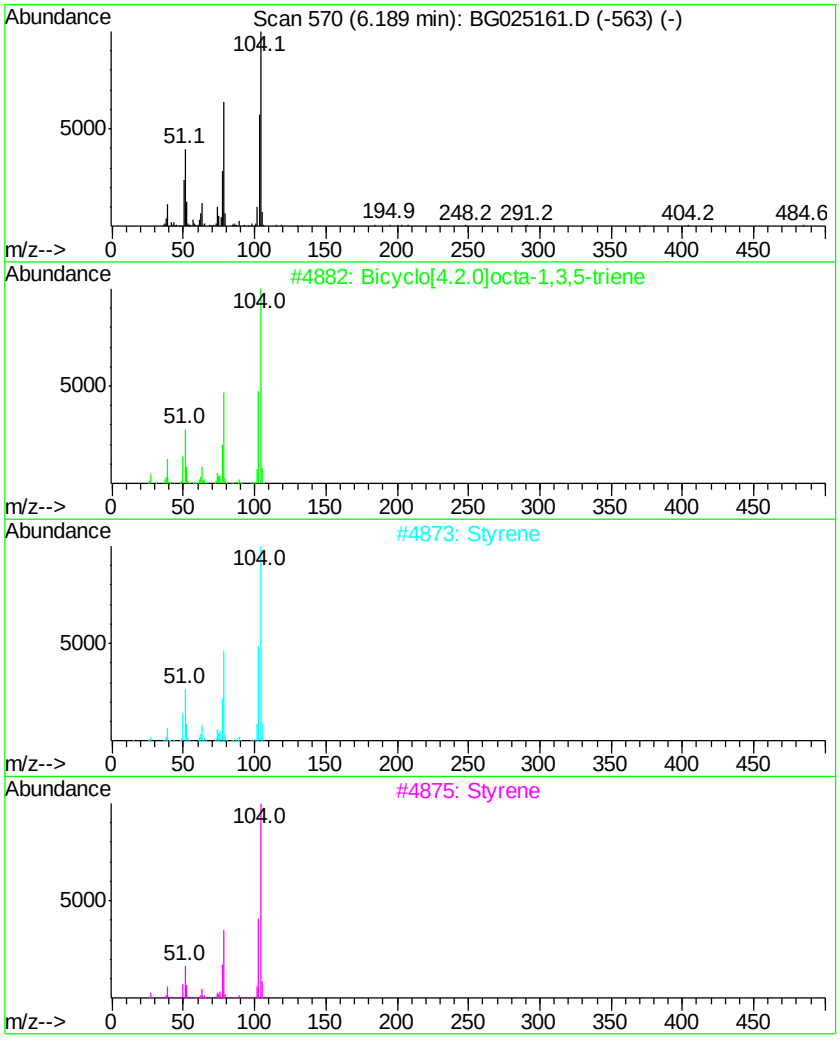
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

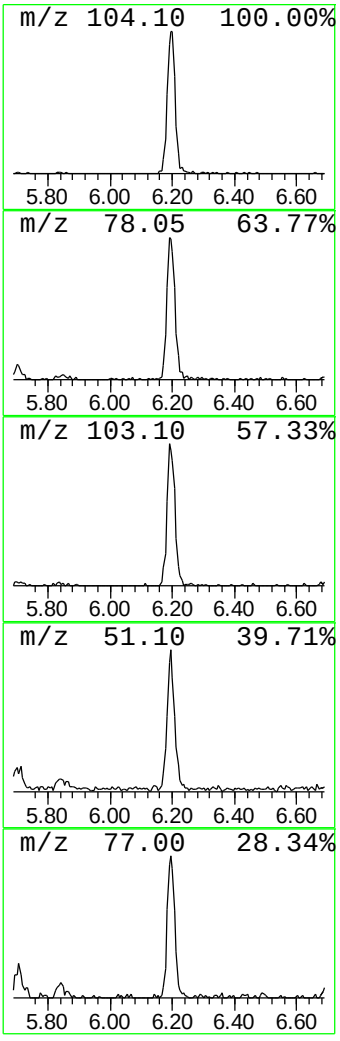
****

Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	9.81 ng/ul	355637	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	94
2	Styrene	104	C8H8	000100-42-5	94
3	Styrene	104	C8H8	000100-42-5	94
4	Styrene	104	C8H8	000100-42-5	93
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025161.D
Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

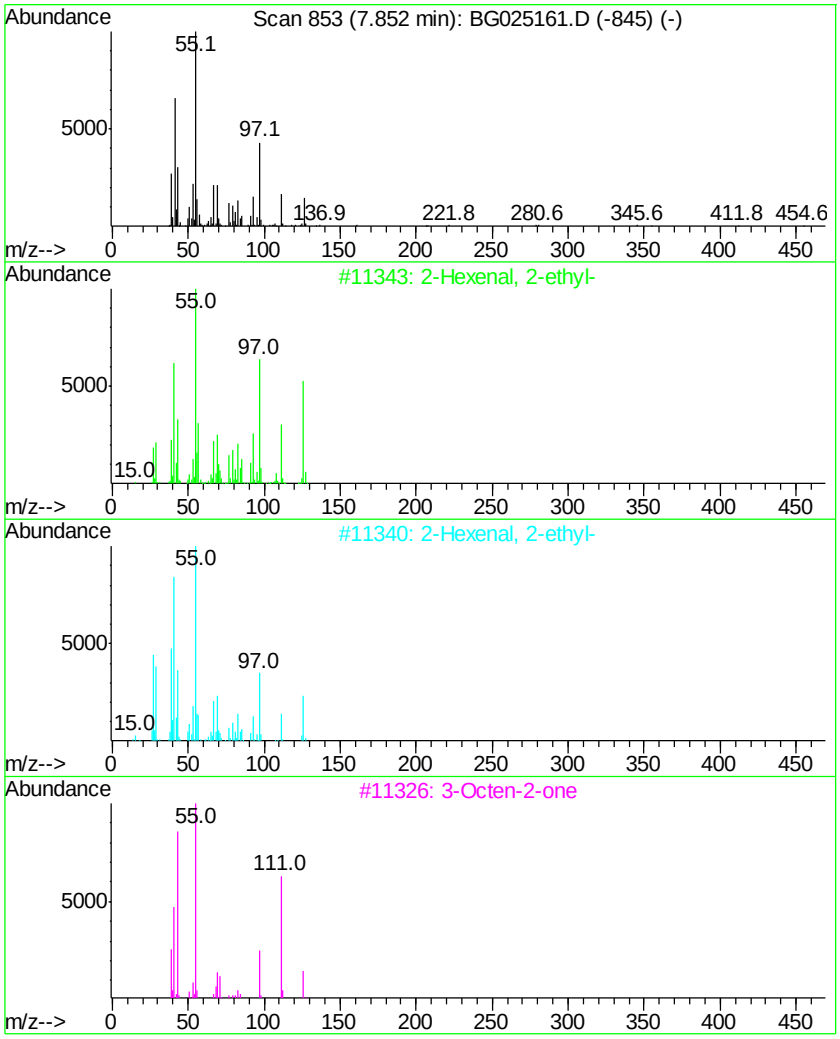
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

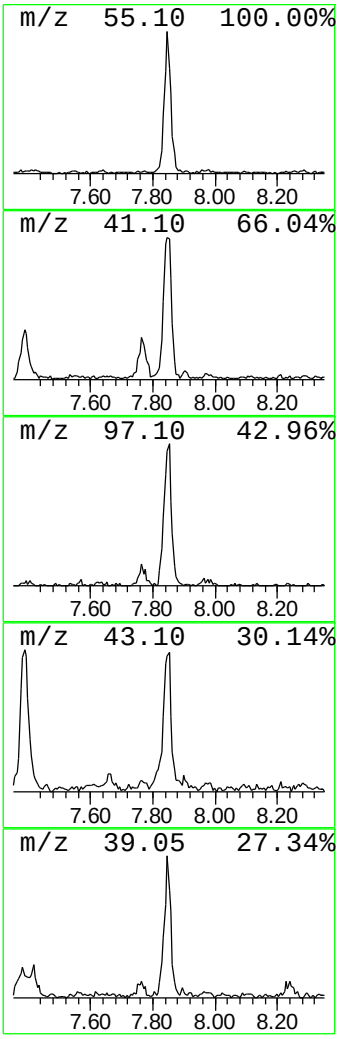
****

Peak Number 3 2-Hexenal, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	14.35 ng/ul	520325	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenal, 2-ethyl-	126	C8H14O	000645-62-5	83
2	2-Hexenal, 2-ethyl-	126	C8H14O	000645-62-5	70
3	3-Octen-2-one	126	C8H14O	001669-44-9	50
4	3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	47
5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025161.D
Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

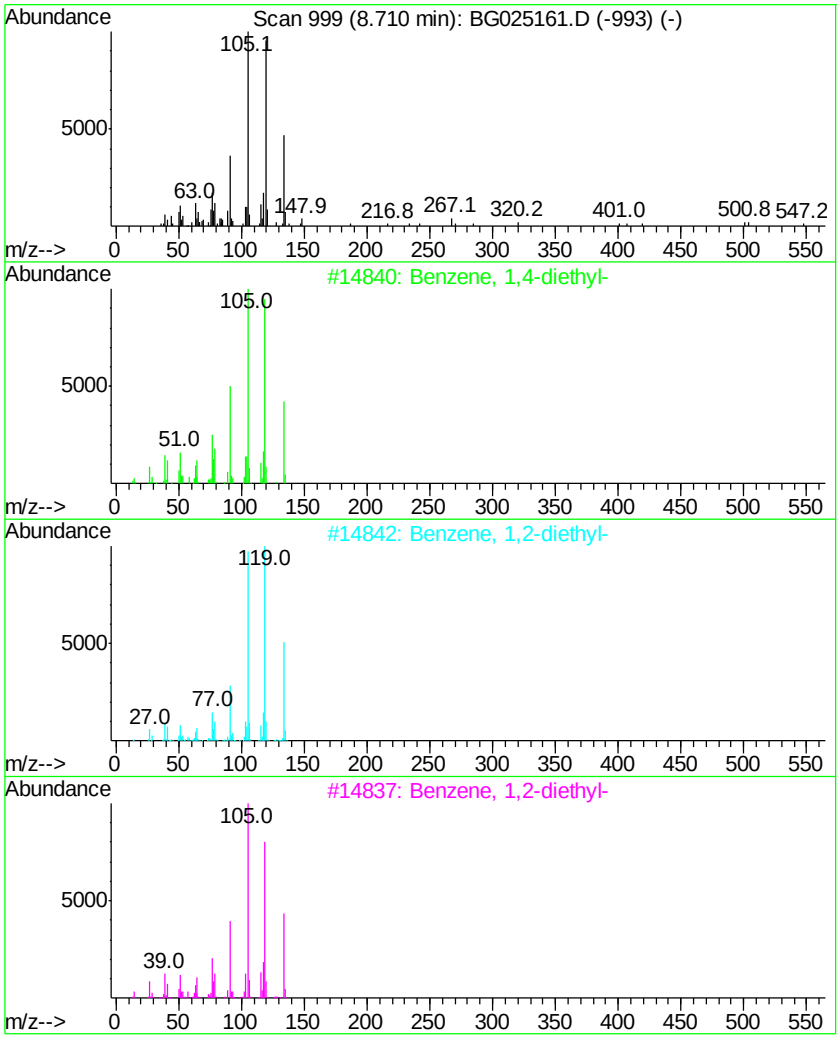
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

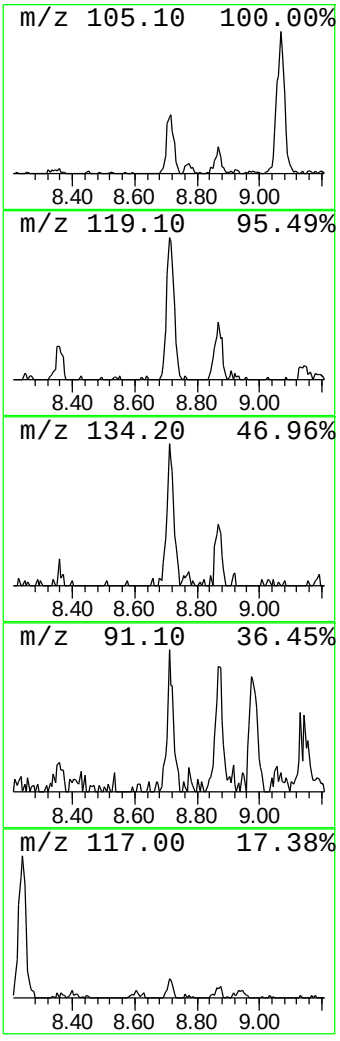
****

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	2.65 ng/ul	96022	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
5	o-Cymene	134	C10H14	000527-84-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025161.D
Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P035-P036-PCS-03

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

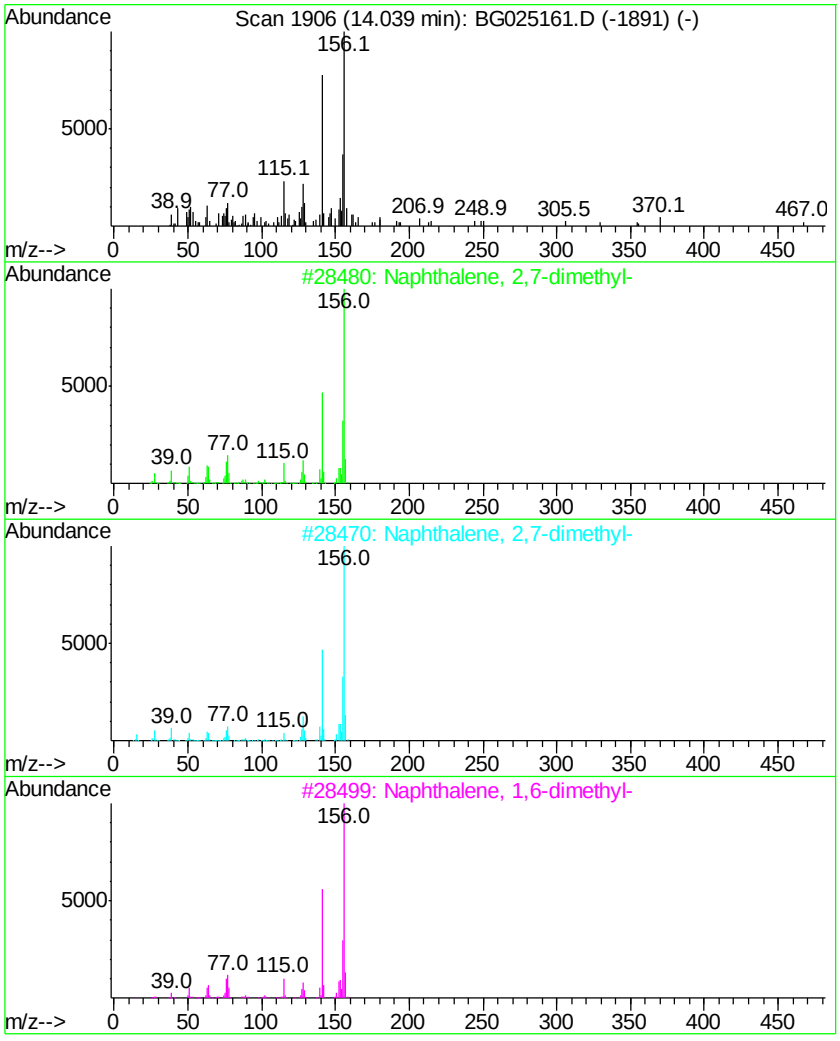
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

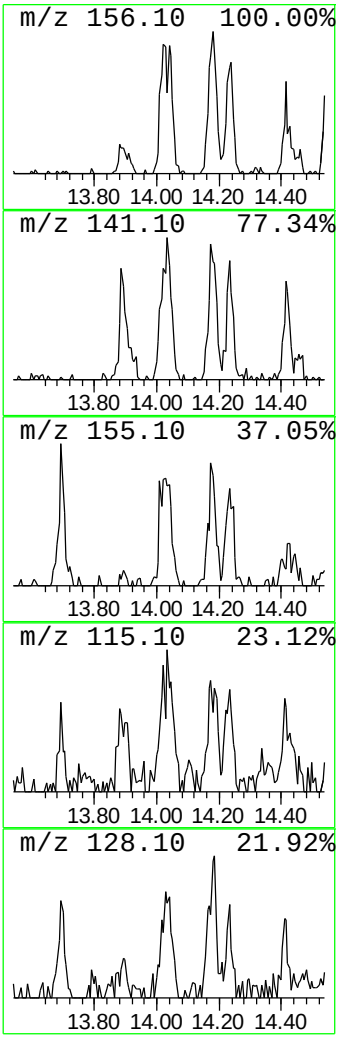
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.21 ng/ul	164130	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	87
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	87
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025161.D
Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

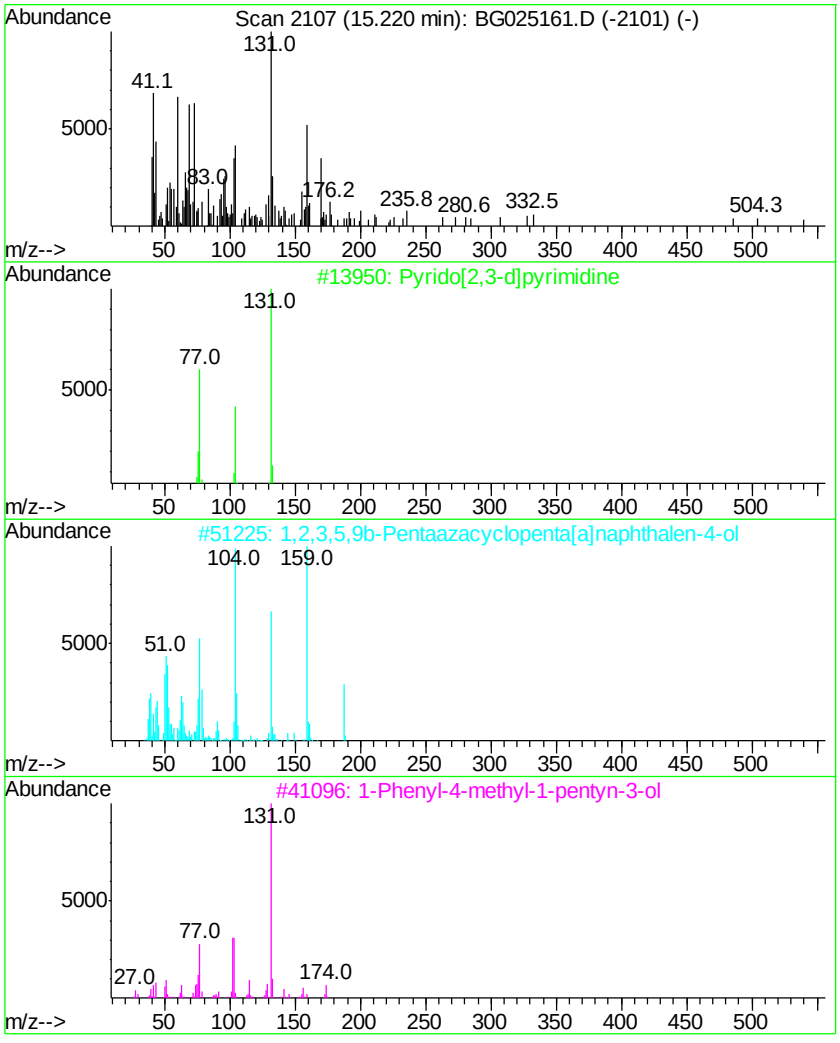
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

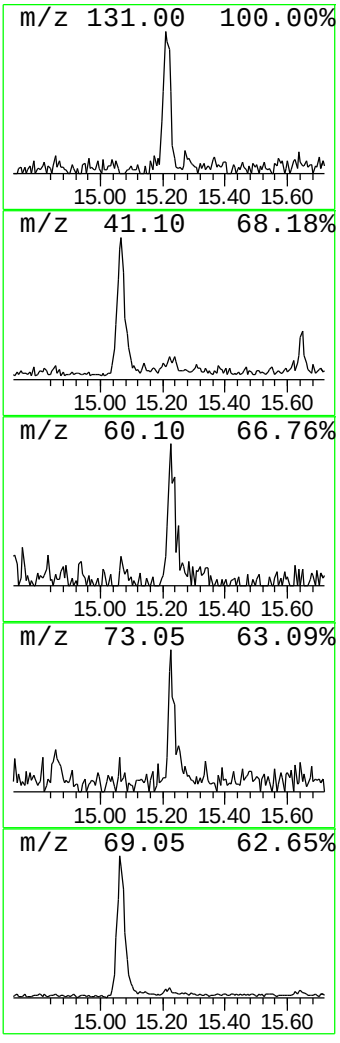
****

Peak Number 6 unknown-01 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	3.01 ng/ul	223808	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	47
2	1,2,3,5,9b-Pentaazacyclopenta[a]...	187	C8H5N5O	1000303-97-3	25
3	1-Phenyl-4-methyl-1-pentyn-3-ol	174	C12H14O	005923-02-4	11
4	5-Hexyn-1-ol	98	C6H10O	000928-90-5	11
5	Silane, [(1-ethylpentyl)oxy]trim...	188	C10H24OSi	018132-91-7	10





Library Search Compound Report

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Data File : BG025161.D
Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

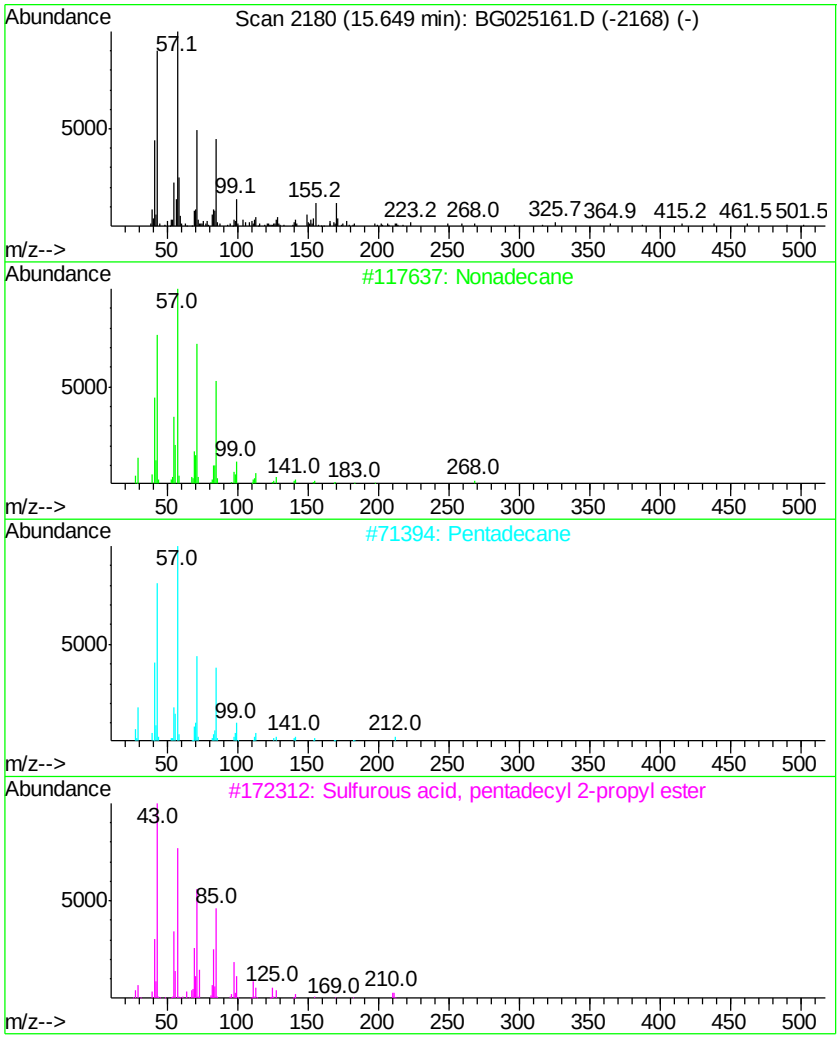
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

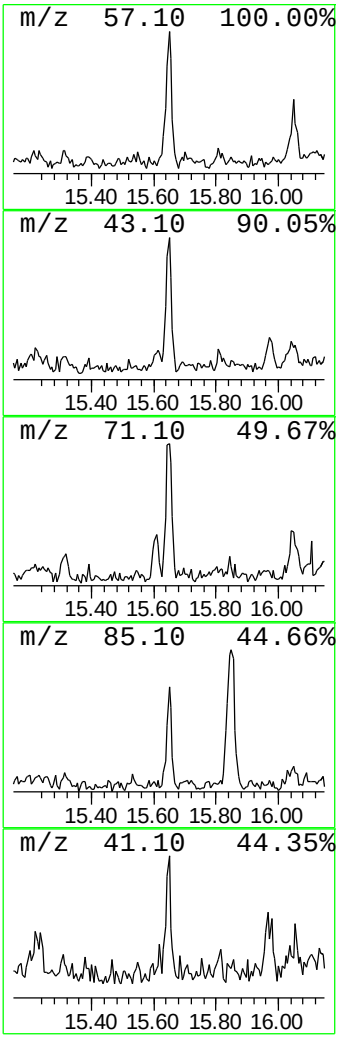
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	3.25 ng/ul	241314	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	64
2	Pentadecane	212	C15H32	000629-62-9	52
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	50
4	Pentadecane	212	C15H32	000629-62-9	50
5	Dodecane	170	C12H26	000112-40-3	45





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Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

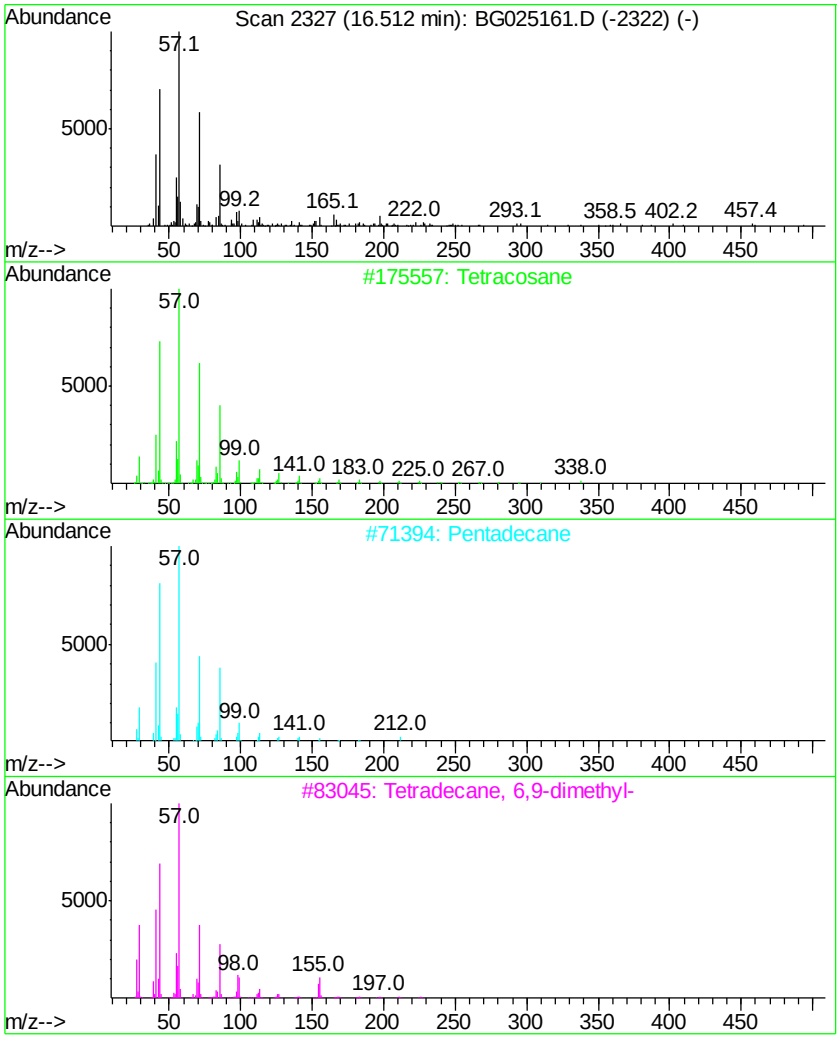
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

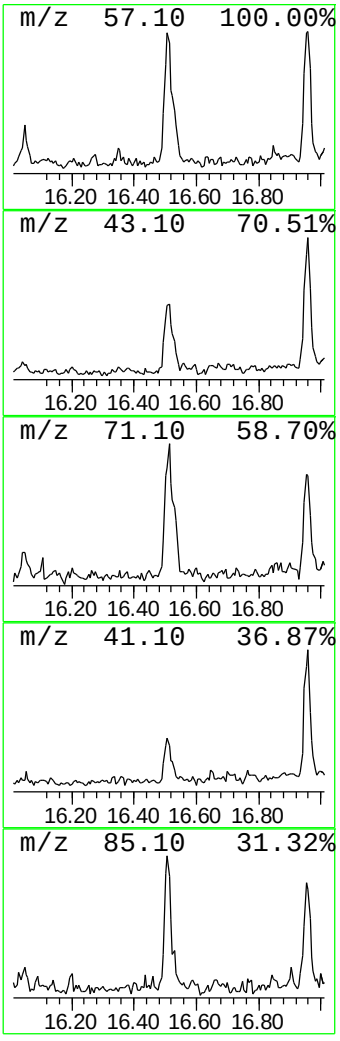
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	3.50 ng/ul	280544	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Pentadecane	212	C15H32	000629-62-9	72
3	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	72
4	Eicosane	282	C20H42	000112-95-8	72
5	Octacosane	394	C28H58	000630-02-4	72





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Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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Quant Title : SVOA CALIBRATION

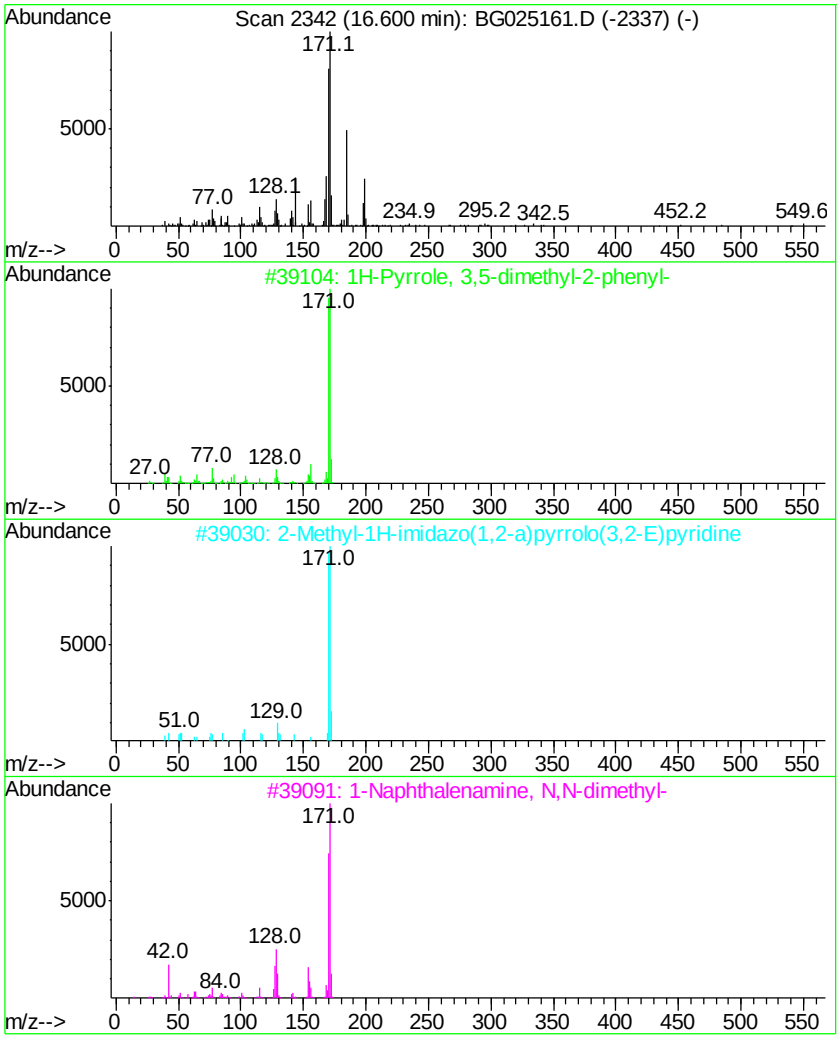
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

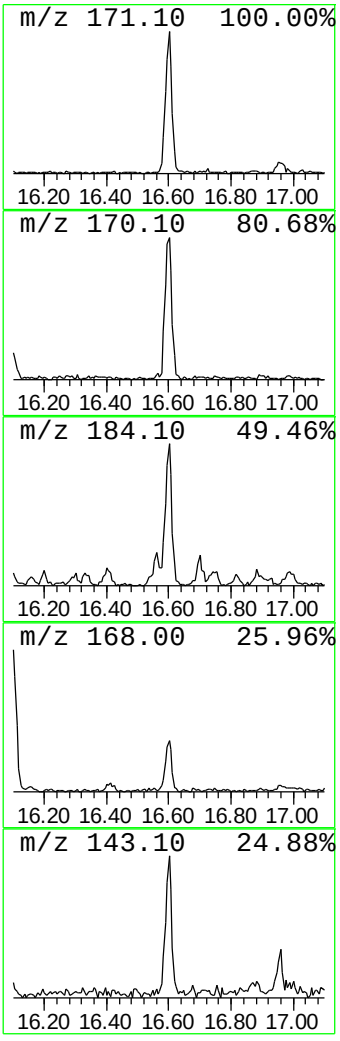
****

Peak Number 9 unknown-02 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	4.64 ng/ul	371968	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 3,5-dimethyl-2-phenyl-	171	C12H13N	003274-53-1	49
2	2-Methyl-1H-imidazo(1,2-a)pyrrol...	171	C10H9N3	1000147-01-2	47
3	1-Naphthalenamine, N,N-dimethyl-	171	C12H13N	000086-56-6	47
4	2-Amino-4-phenylpyrimidine	171	C10H9N3	002305-87-5	43
5	1H-Pyrrole, 2,5-dimethyl-1-phenyl-	171	C12H13N	000083-24-9	38





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Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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Quant Title : SVOA CALIBRATION

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

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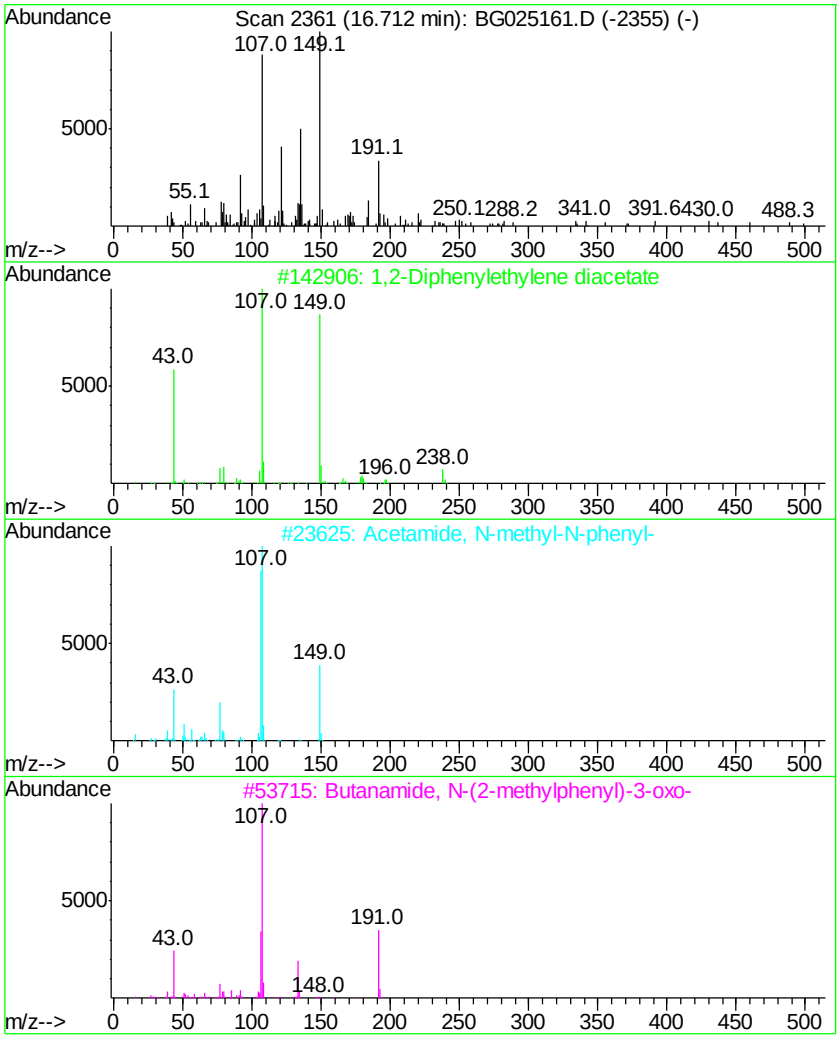
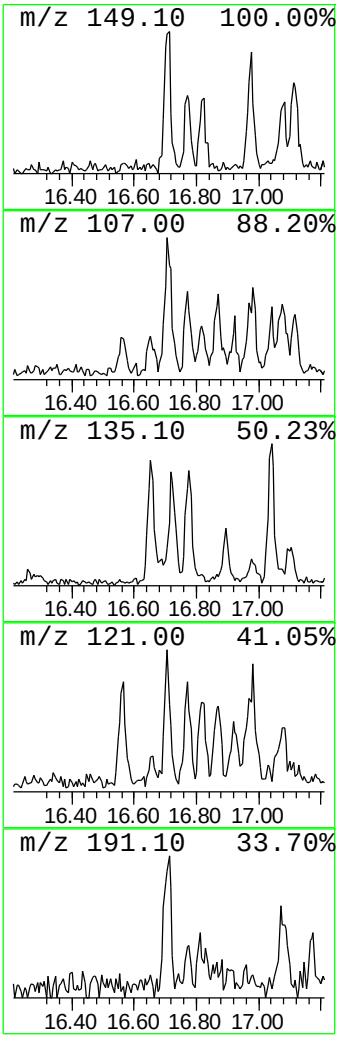
Peak Number 10 1,2-Diphenylethylene diacetate Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	2.01 ng/ul	160991	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Diphenylethylene diacetate	298	C18H18O4	003682-07-3	53
2	Acetamide, N-methyl-N-phenyl-	149	C9H11NO	000579-10-2	43
3	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	35
4	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	35
5	Phthalic acid, 7-methyloct-3-yn-...	330	C20H26O4	1000315-42-5	27





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Acq On : 14 Dec 2016 1:25
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Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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Quant Title : SVOA CALIBRATION

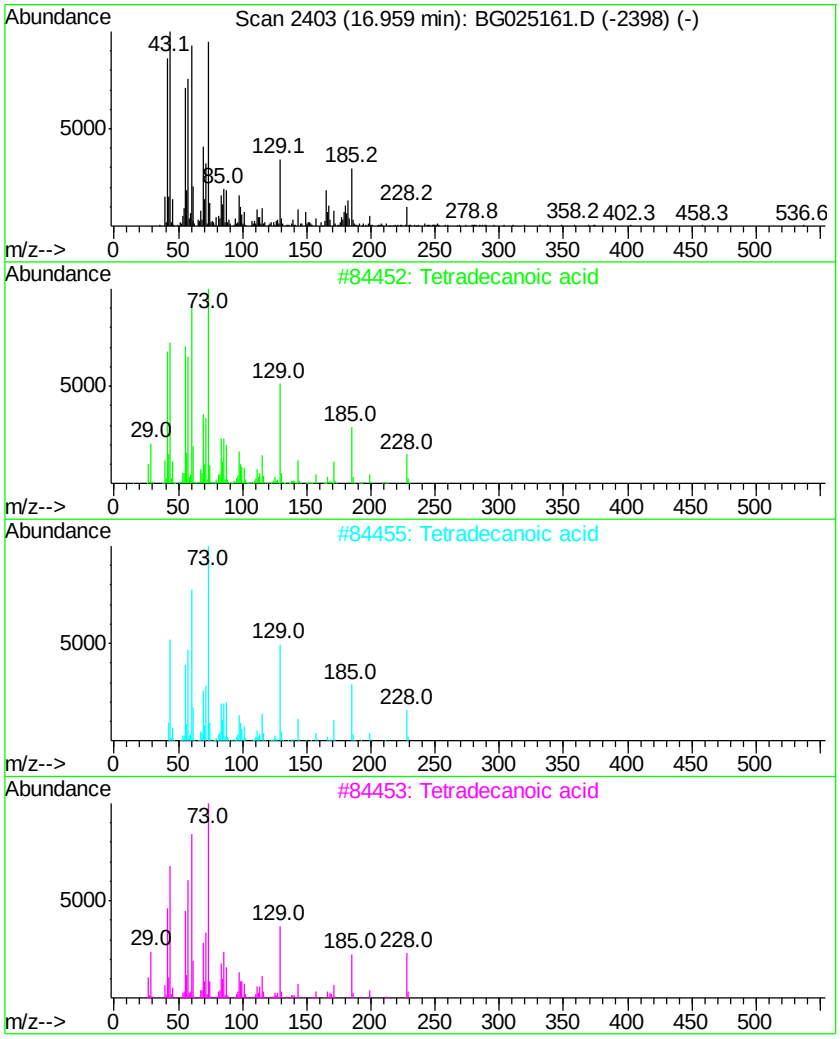
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

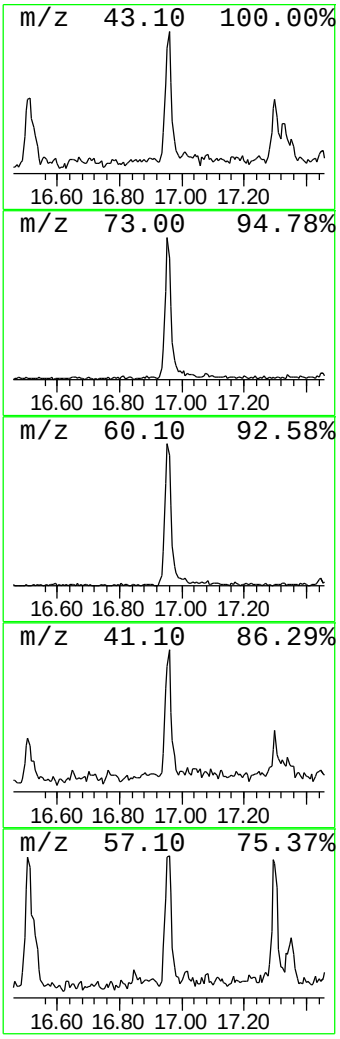
****

Peak Number 11 Tetradecanoic acid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	9.81 ng/ul	786848	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	78
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





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Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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Quant Title : SVOA CALIBRATION

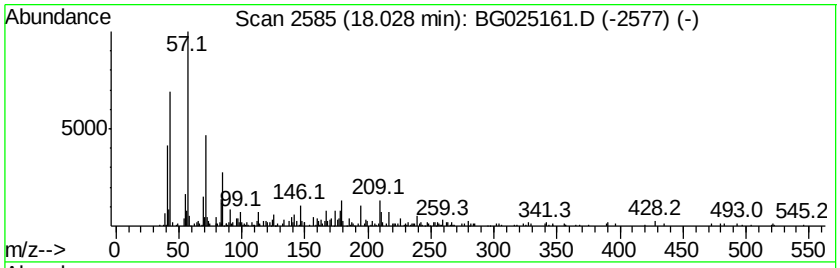
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

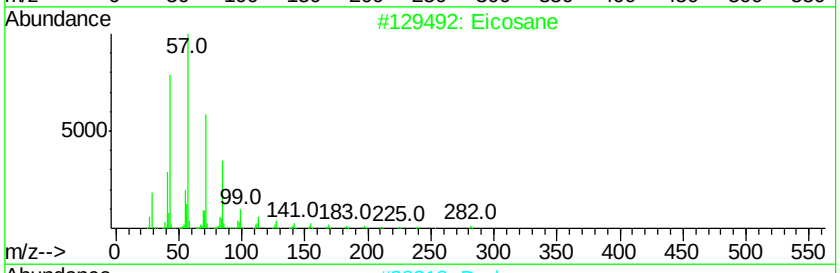
****

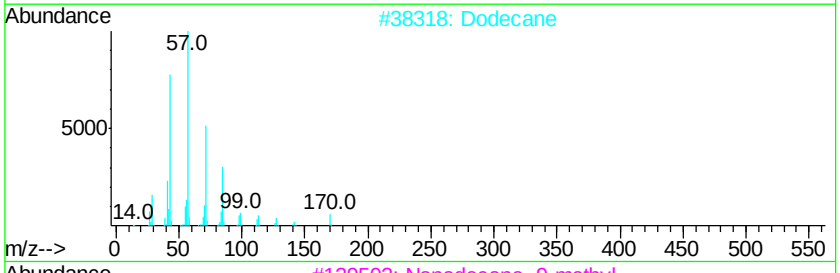
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 44

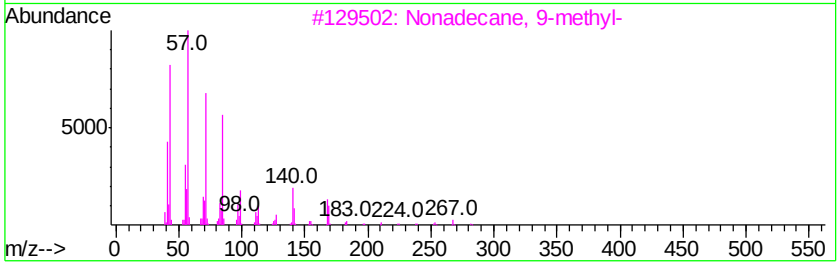
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.54 ng/ul	364313	Phenanthrene-d10	17.61

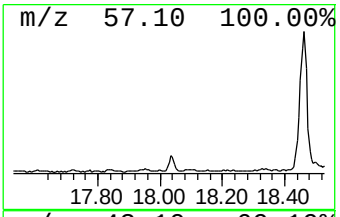
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Dodecane	170	C12H26	000112-40-3	62
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	62
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	62
5	Pentadecane	212	C15H32	000629-62-9	60

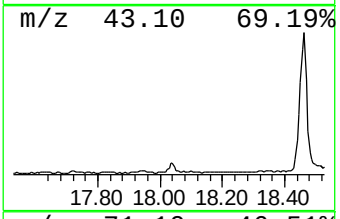


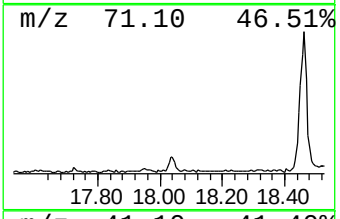


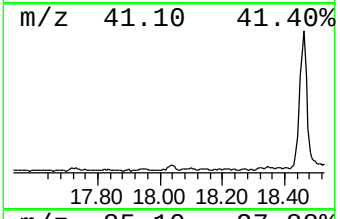


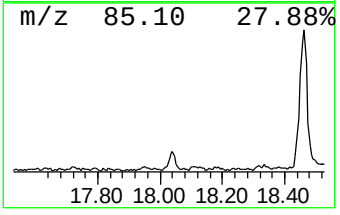












Library Search Compound Report

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Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

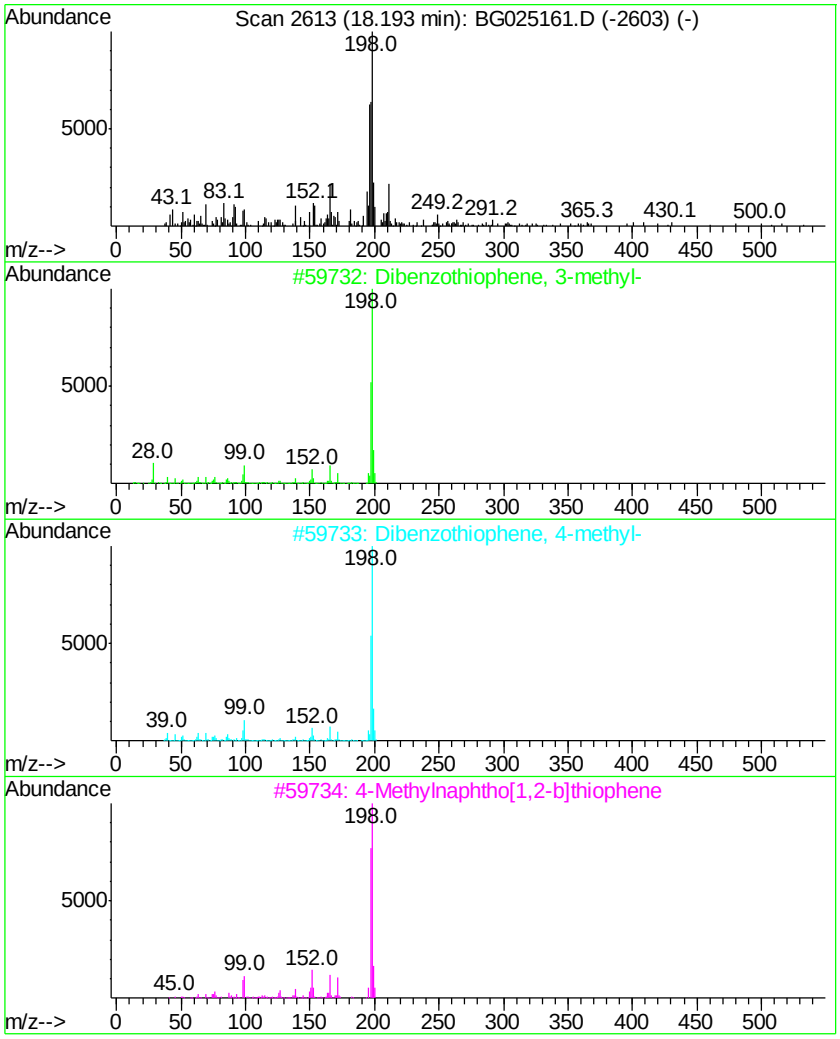
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

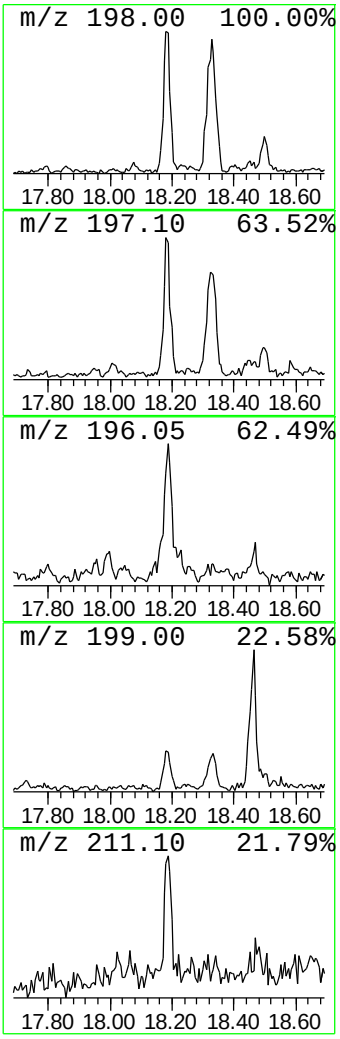
****

Peak Number 13 Dibenzothiophene, 3-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	4.74 ng/ul	380544	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	64
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	64
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	52
5	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	50





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Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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

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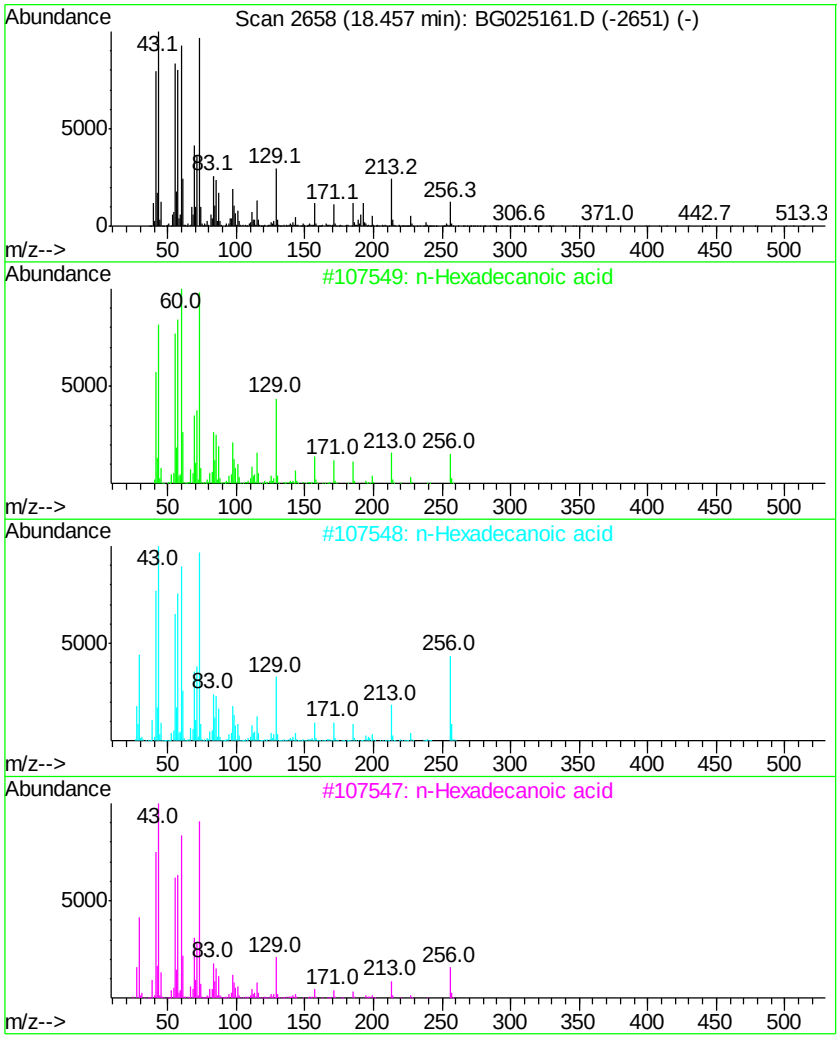
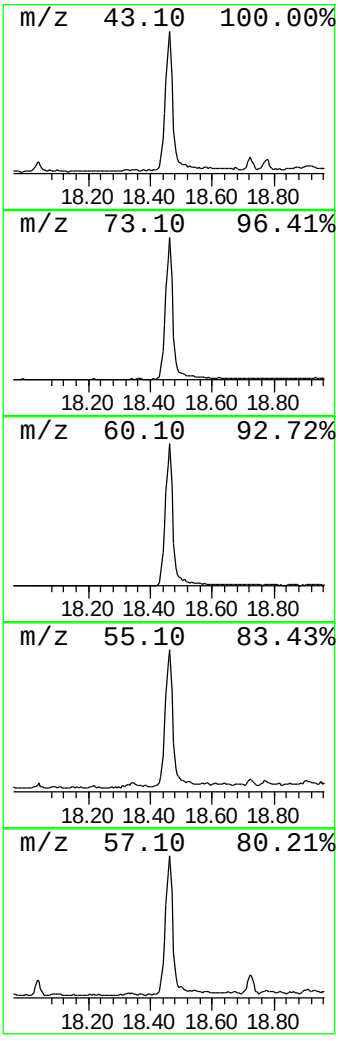
Peak Number 15 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	91.39 ng/ul	7332410	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : P035-P036-PCS-03

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Quant Title : SVOA CALIBRATION

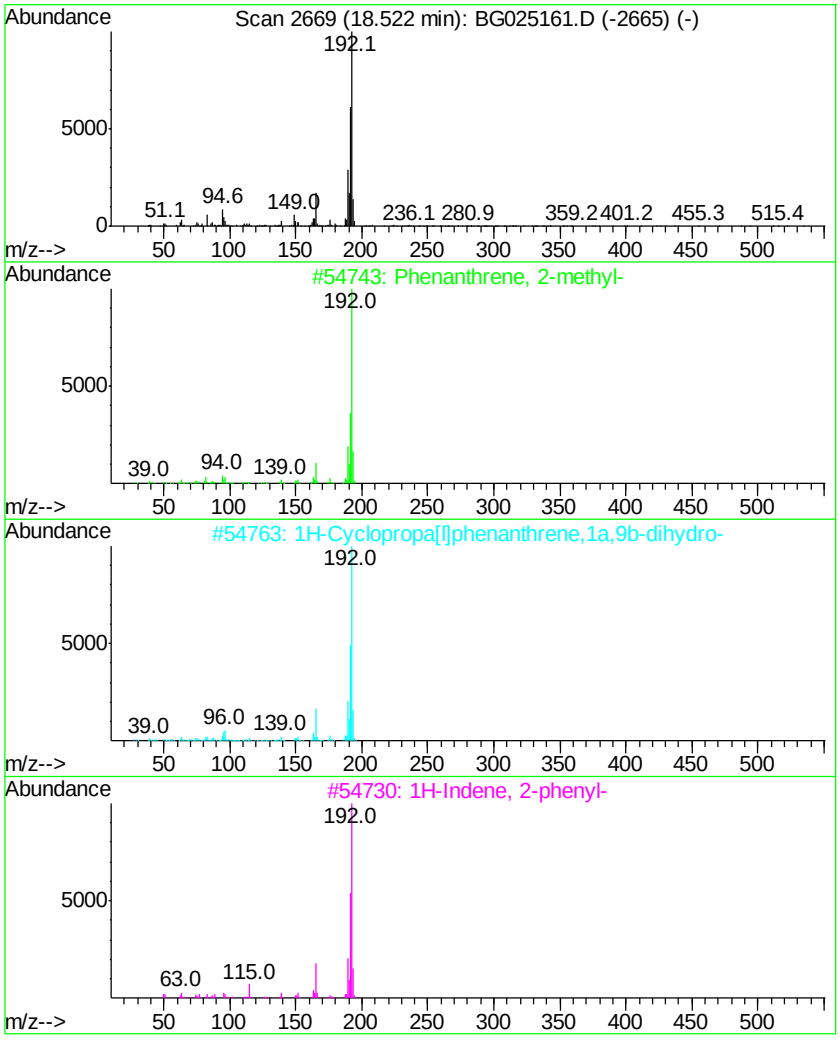
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

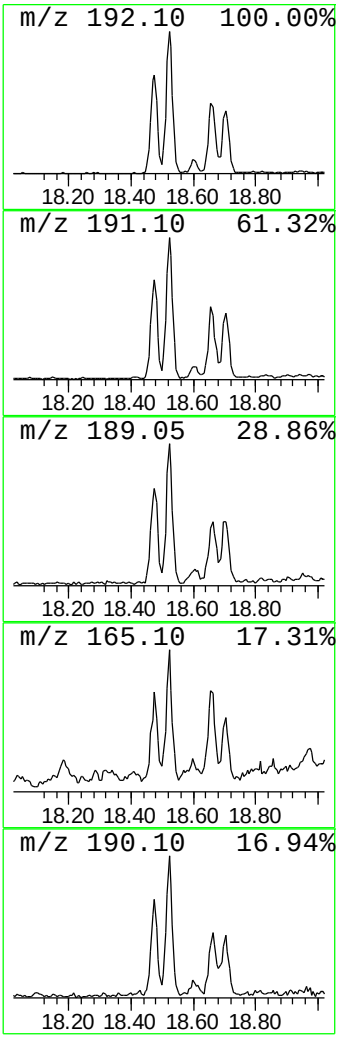
****

Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	16.45 ng/ul	1319780	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Quant Title : SVOA CALIBRATION

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

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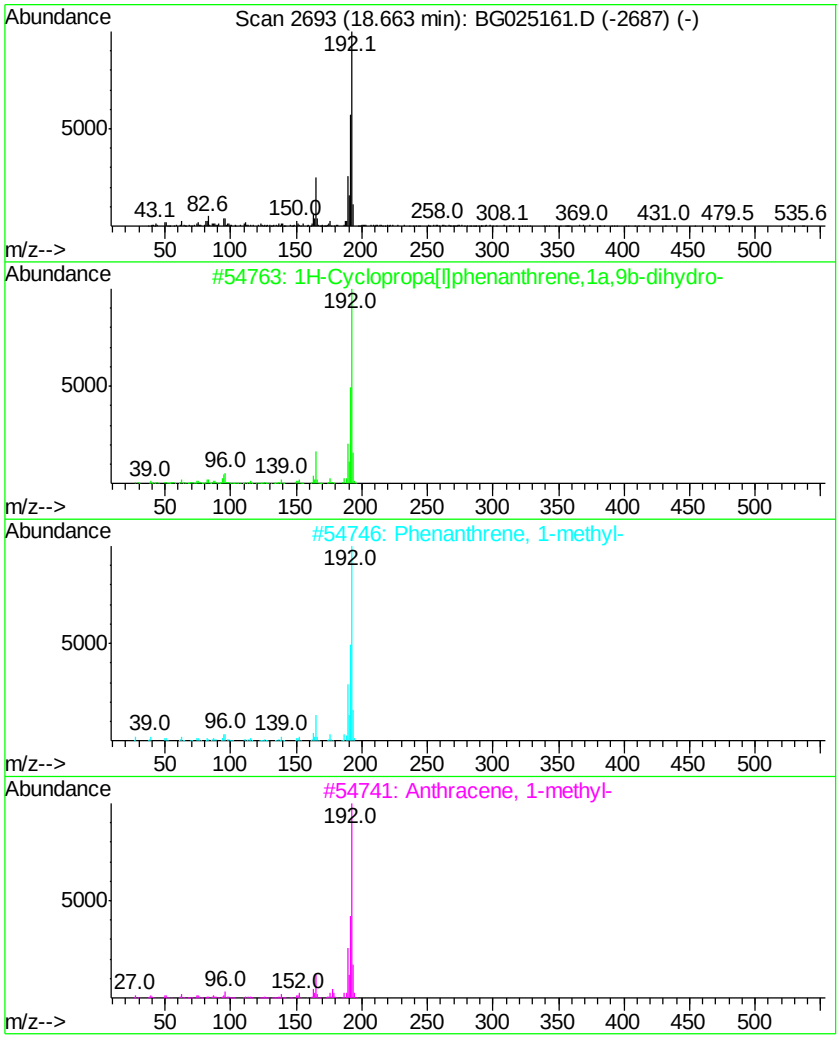
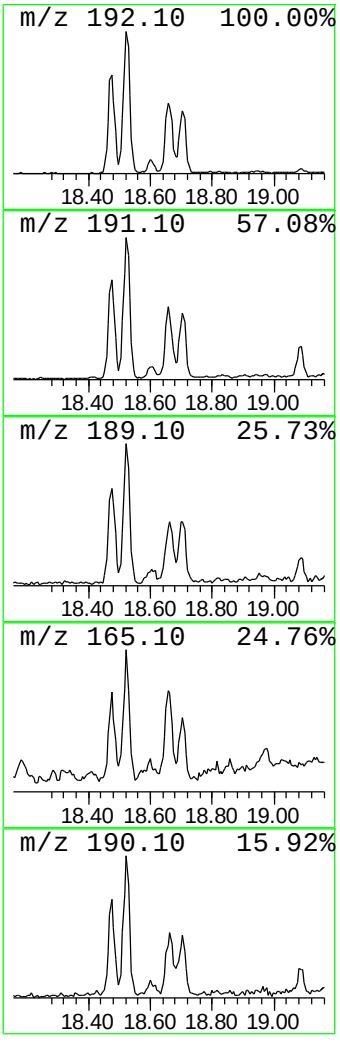
Peak Number 17 1H-Cyclopropa[l]phenanthren... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	7.41 ng/ul	594217	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87





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Data File : BG025161.D
Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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

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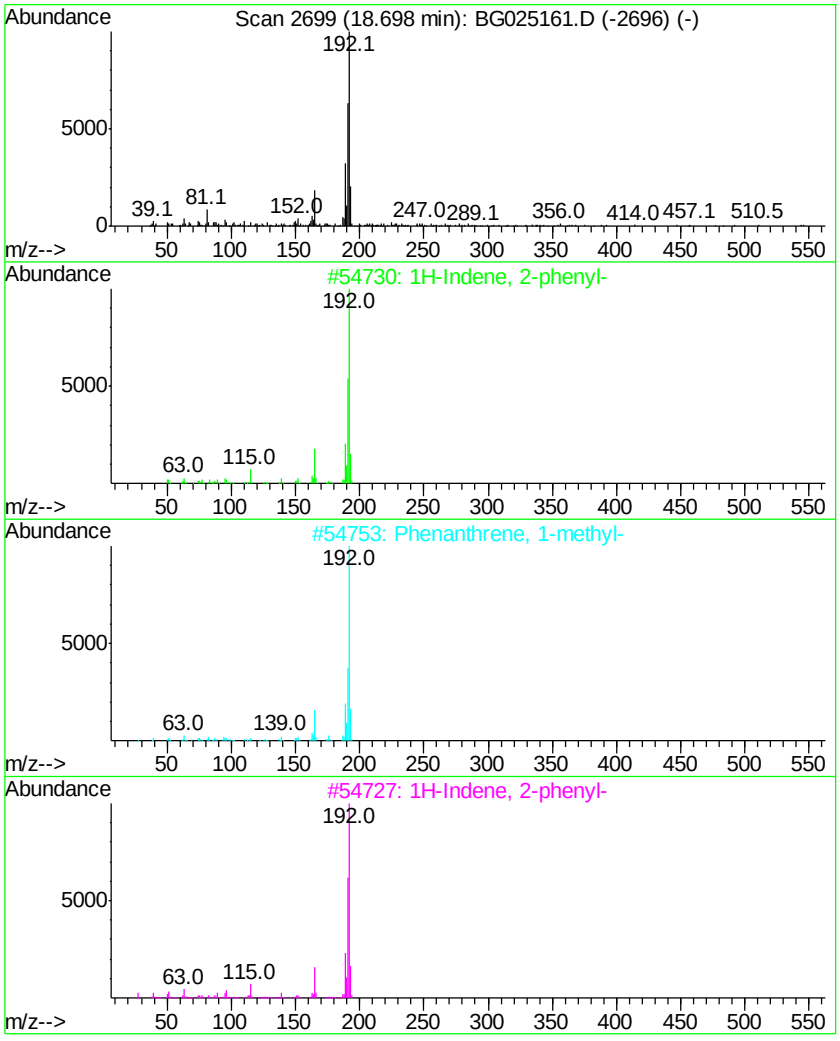
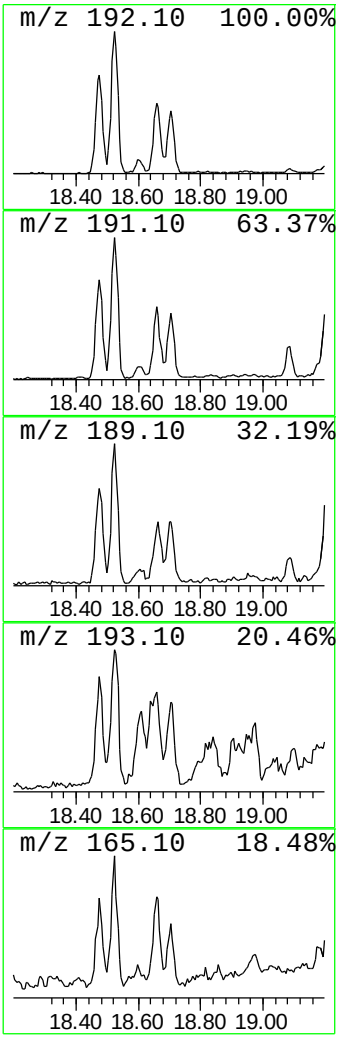
Peak Number 18 1H-Indene, 2-phenyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	8.30 ng/ul	665931	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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

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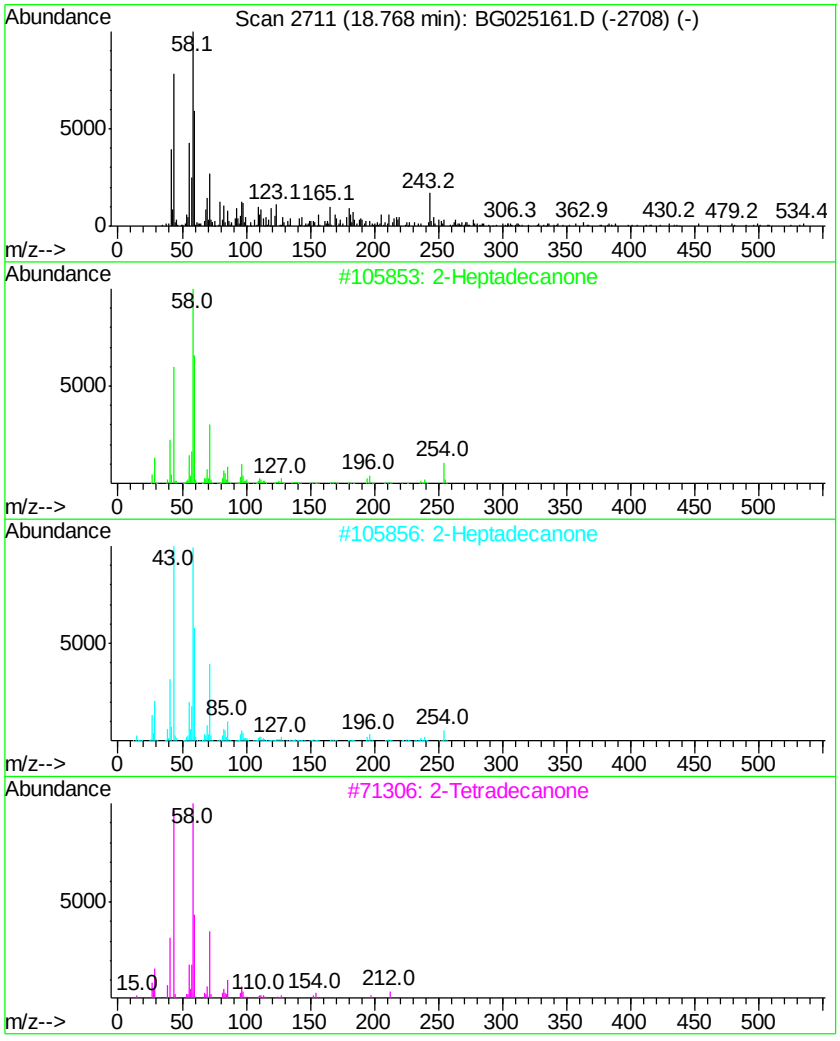
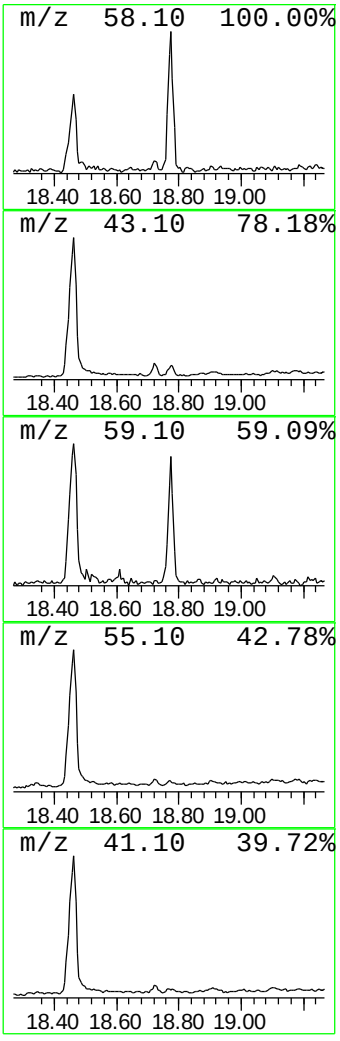
Peak Number 19 2-Heptadecanone Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	3.53 ng/ul	283585	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptadecanone	254	C17H34O	002922-51-2	87
2	2-Heptadecanone	254	C17H34O	002922-51-2	83
3	2-Tetradecanone	212	C14H28O	002345-27-9	83
4	2-Decanone	156	C10H20O	000693-54-9	59
5	Carbonic acid, 2-methoxyethyl cy...	202	C10H18O4	1000357-86-7	50





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Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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

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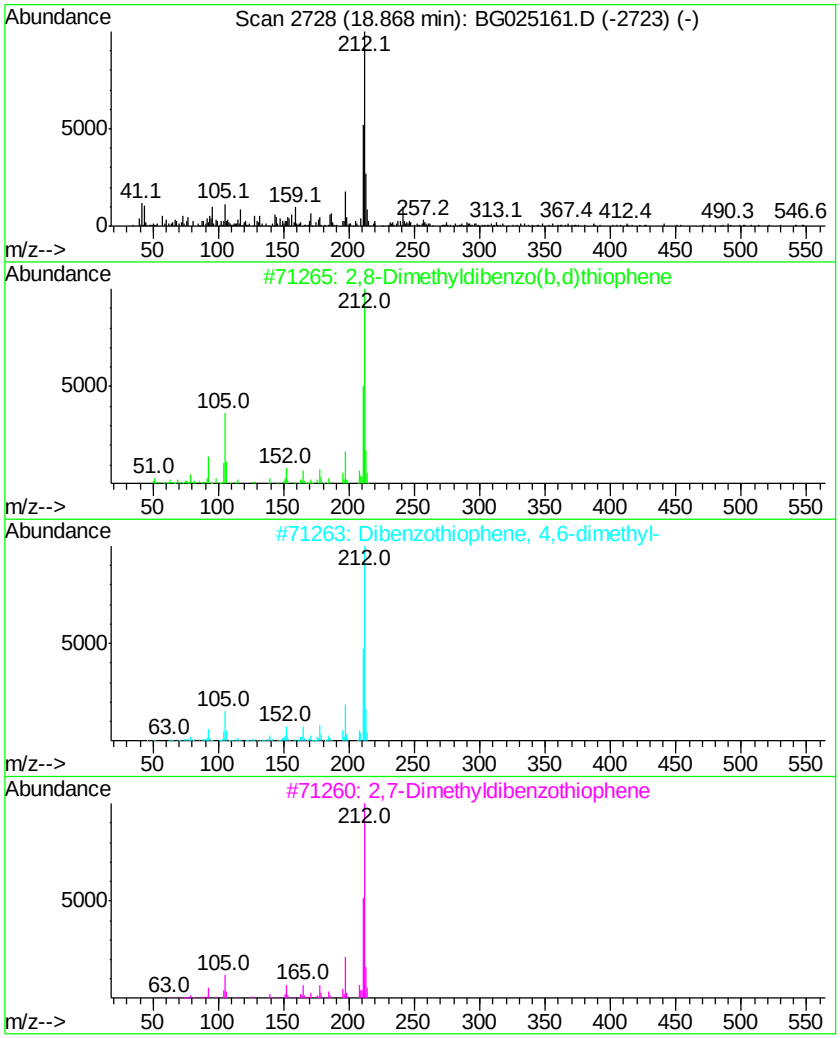
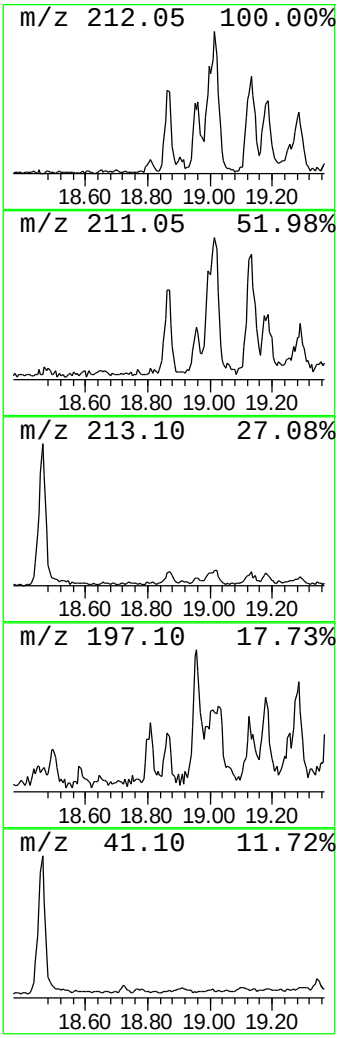
Peak Number 20 2,8-Dimethyldibenzo(b,d)thi... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.68 ng/ul	214916	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	72
2	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	72
3	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	64
4	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	64
5	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	64





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Data File : BG025161.D
Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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

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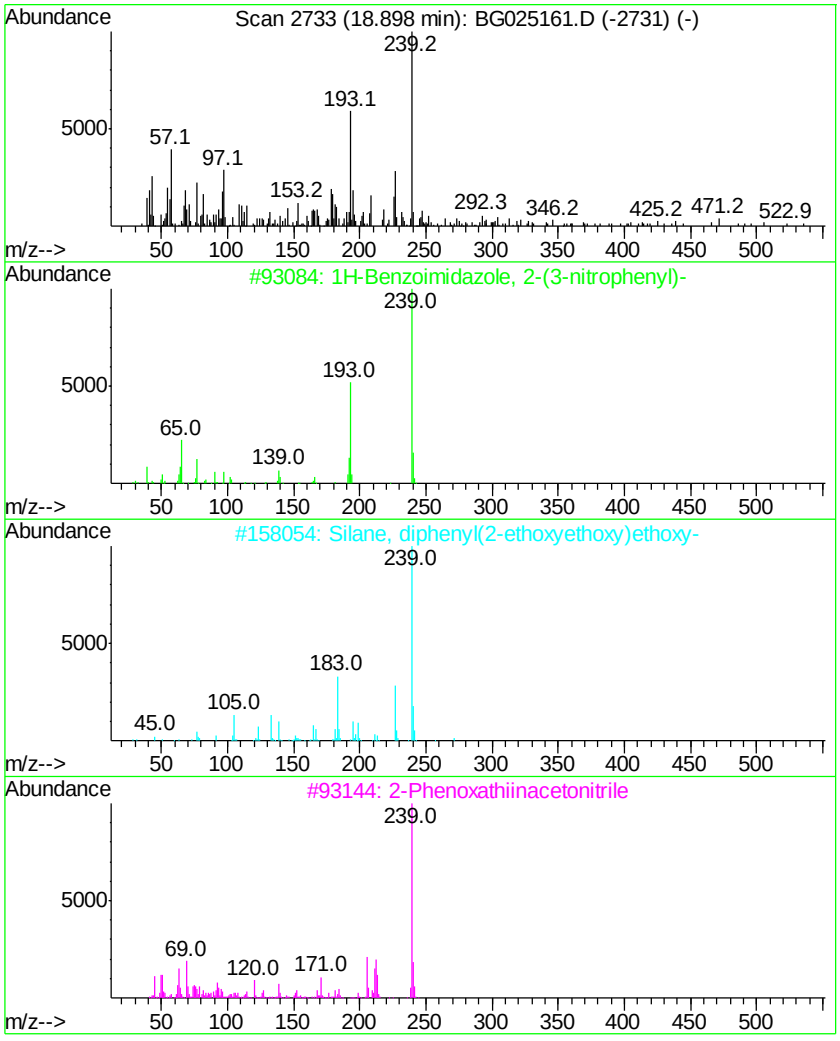
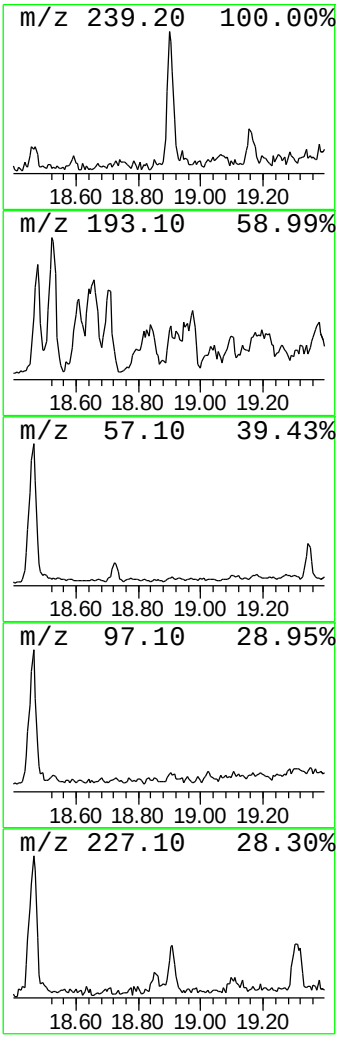
Peak Number 21 unknown-03 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	3.31 ng/ul	265970	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzoimidazole, 2-(3-nitrophe...	239	C13H9N3O2	1000305-12-9	46
2	Silane, diphenyl(2-ethoxyethoxy)...	316	C18H24O3Si	1000367-65-7	32
3	2-Phenoxathiinacetonitrile	239	C14H9NOS	1000255-56-5	30
4	5-Nitro-3-phenyl-1H-indazole	239	C13H9N3O2	293758-67-5	27
5	(E)-2-Hydroxy-4'-dimethylamino-s...	239	C16H17NO	110983-42-1	25





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Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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

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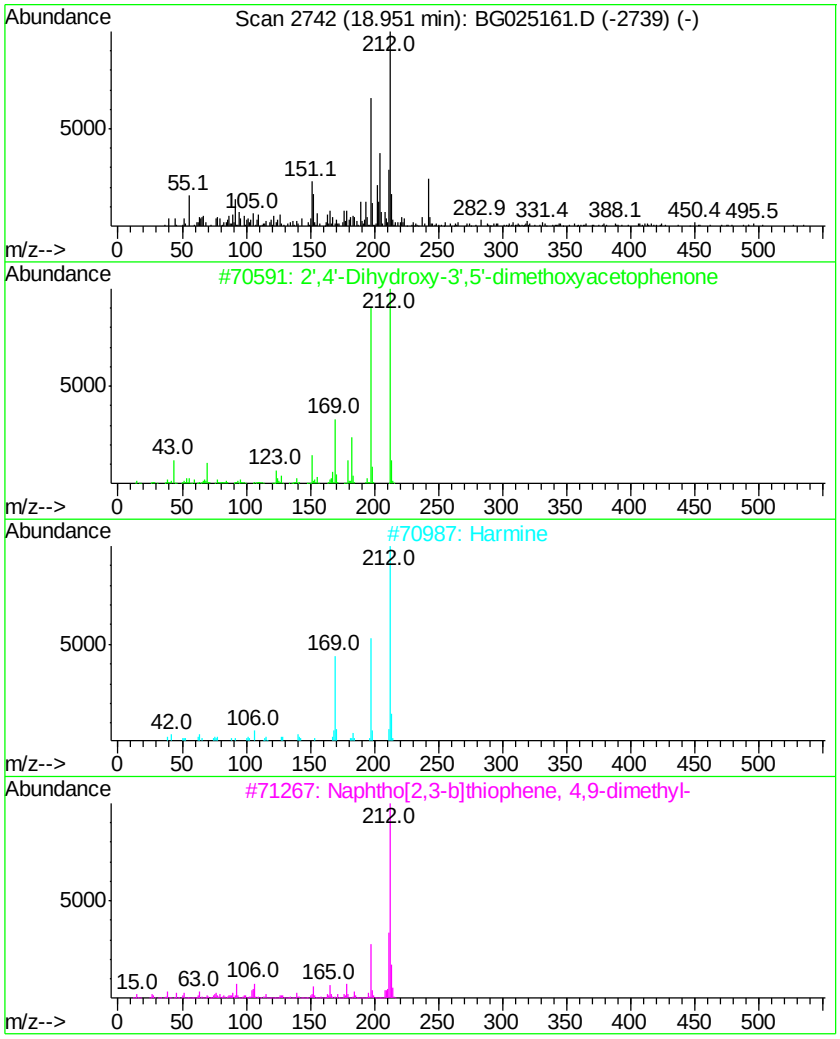
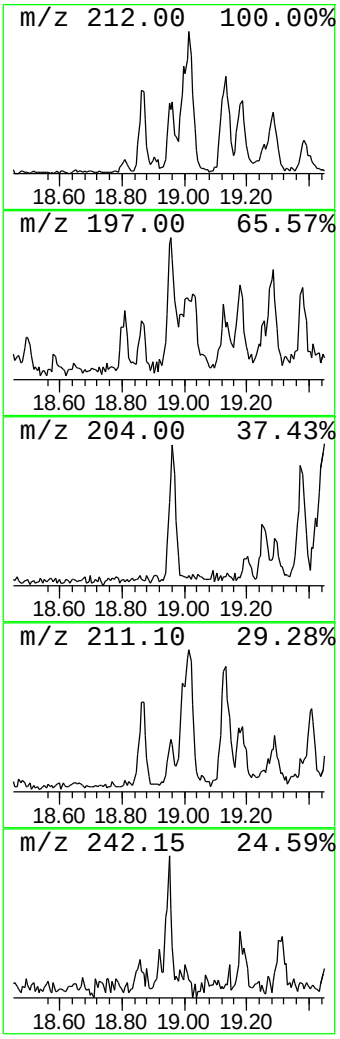
Peak Number 22 unknown-04 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	2.99 ng/ul	240234	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2',4'-Dihydroxy-3',5'-dimethoxya...	212	C10H12O5	198203-68-8	49
2	Harmine	212	C13H12N2O	000442-51-3	46
3	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	45
4	3,4-Dimethylbenzo[4,5]imidazo[1,...	212	C13H12N2O	1000311-98-3	43
5	Benzoic acid, 3,4,5-trimethoxy-	212	C10H12O5	000118-41-2	43





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Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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

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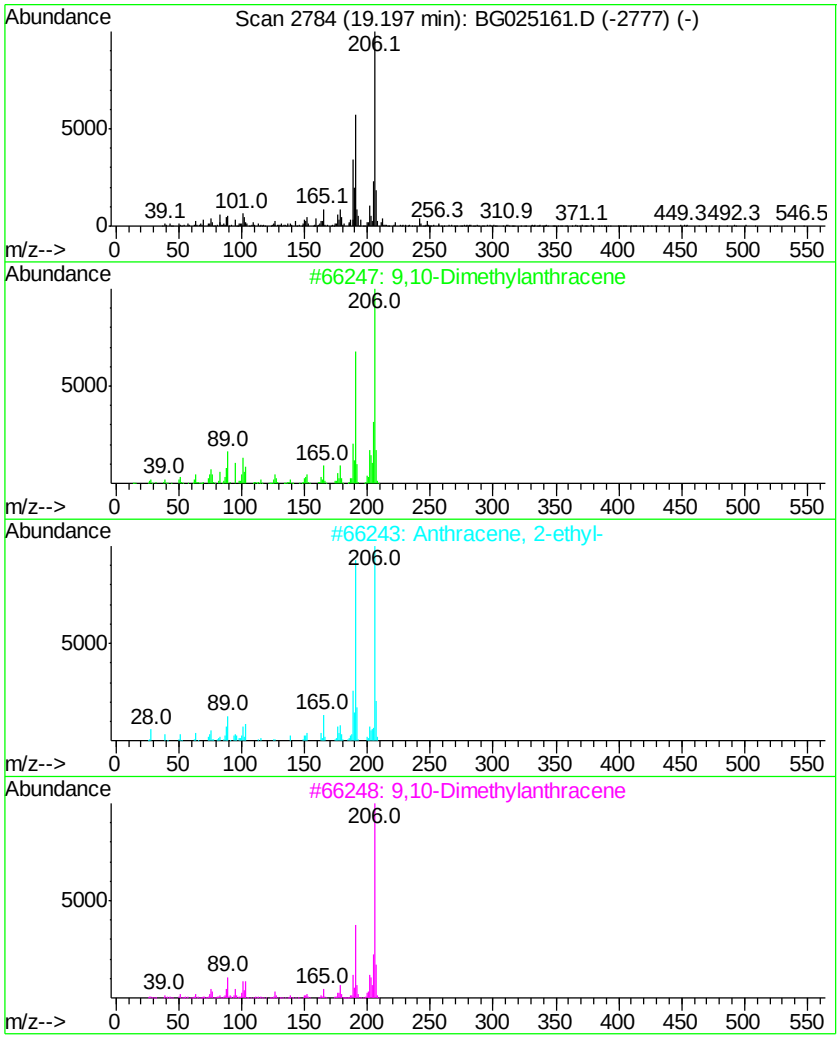
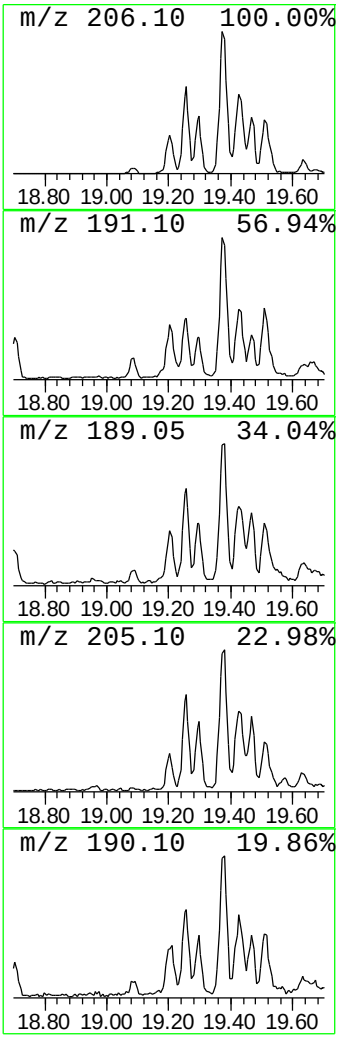
Peak Number 24 9,10-Dimethylanthracene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	13.36 ng/ul	1072110	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Library Search Compound Report

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Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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

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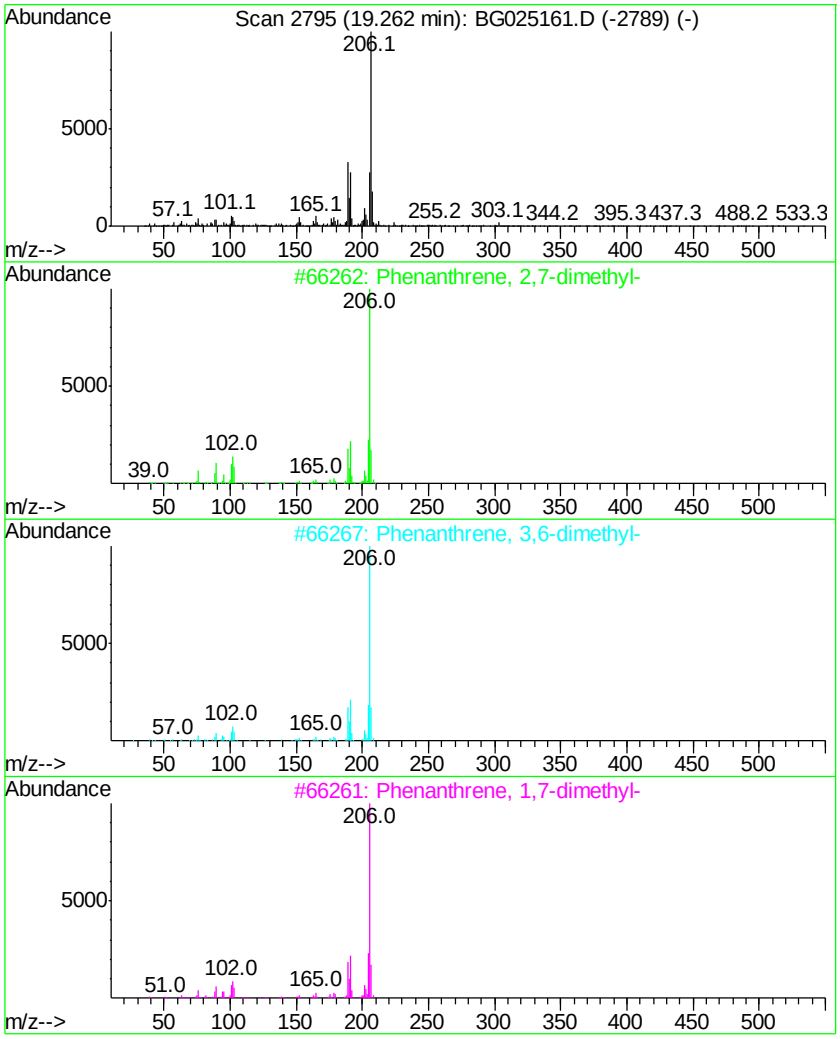
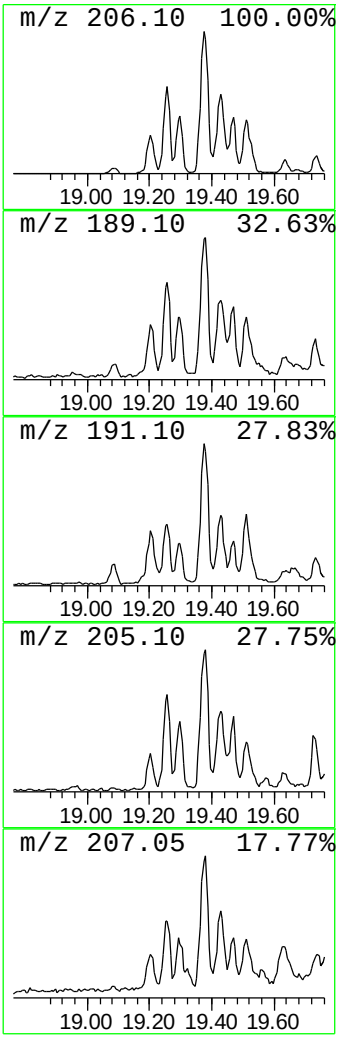
Peak Number 25 Phenanthrene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	16.43 ng/ul	1317870	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	76
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	74





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Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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

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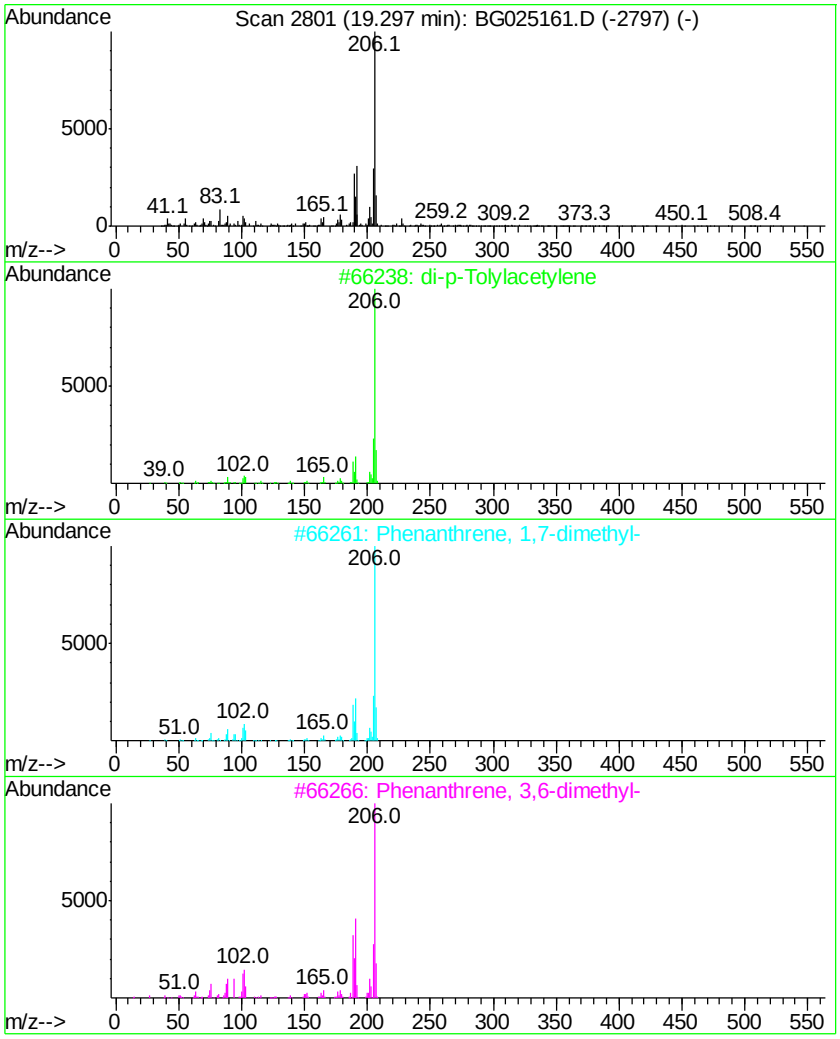
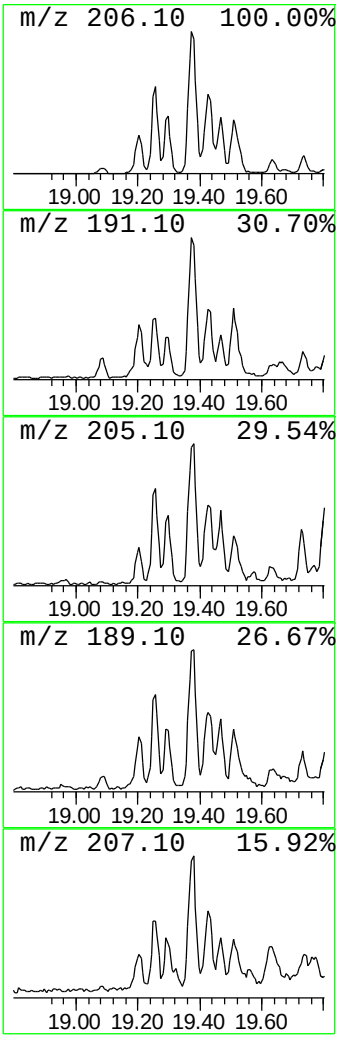
Peak Number 26 di-p-Tolylacetylene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	11.94 ng/ul	957903	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90





Library Search Compound Report

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Operator : UM/SJ
Sample : H5992-09
Misc :
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Instrument :
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ClientSampleId :
P035-P036-PCS-03

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

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

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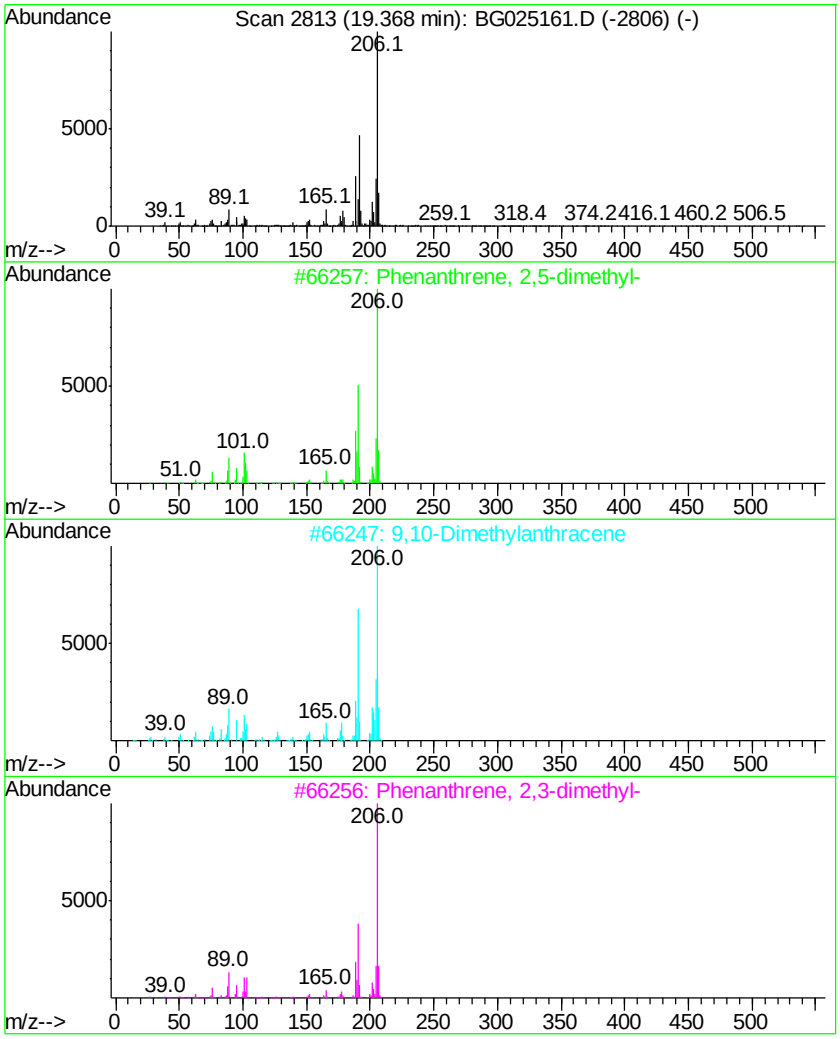
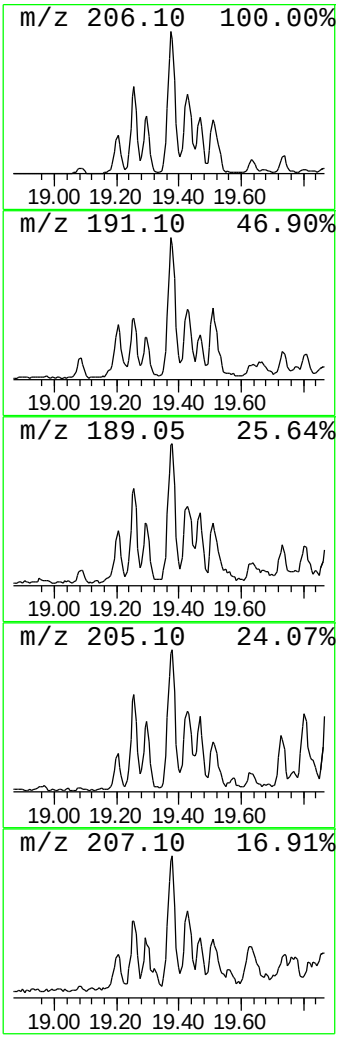
Peak Number 27 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	39.97 ng/ul	3207350	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Acq On : 14 Dec 2016 1:25
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Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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

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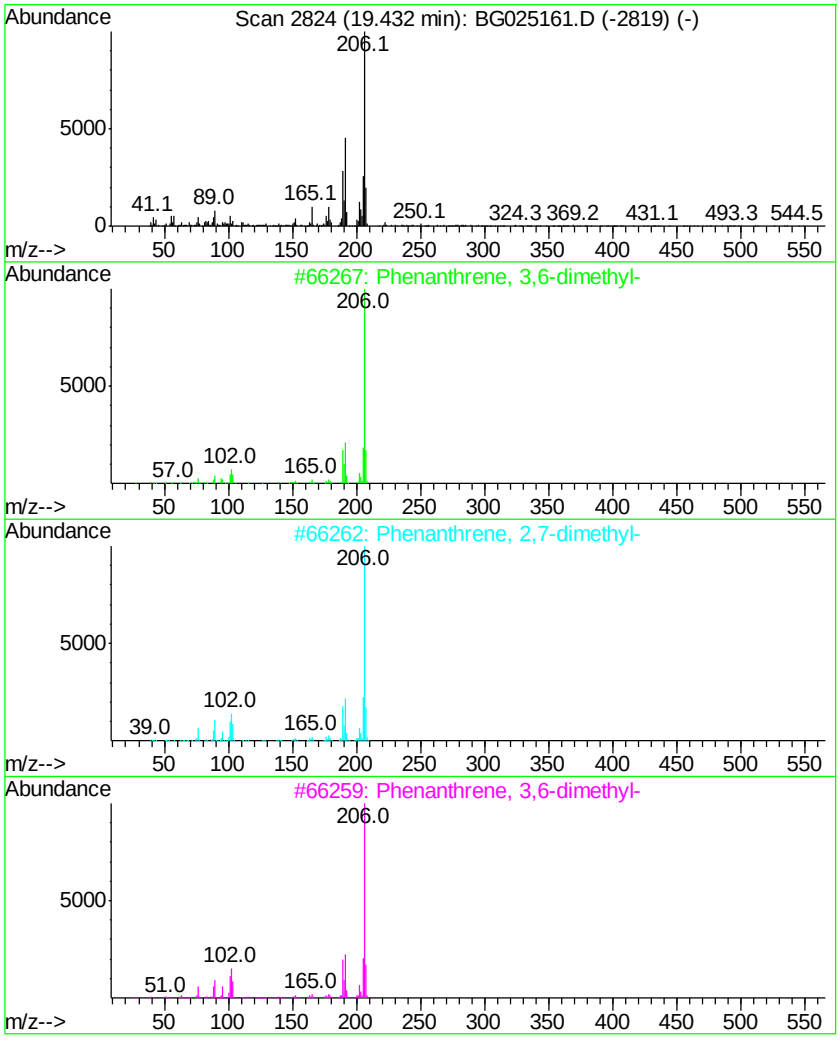
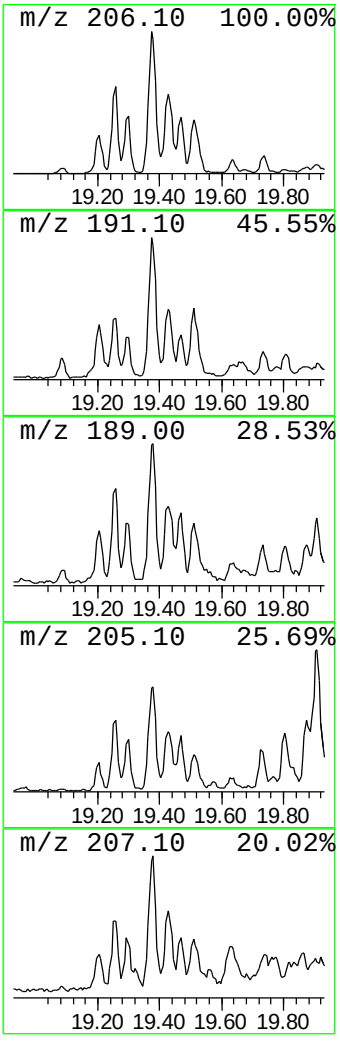
Peak Number 28 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	16.48 ng/ul	1322230	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





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ALS Vial : 17 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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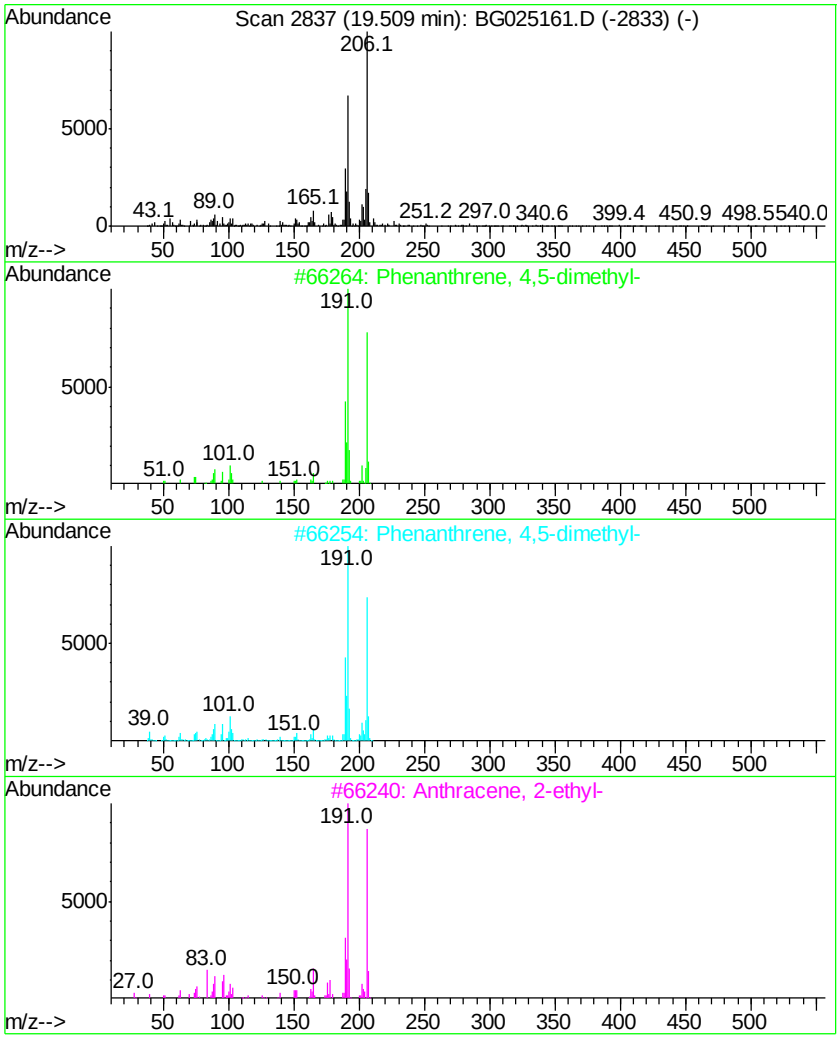
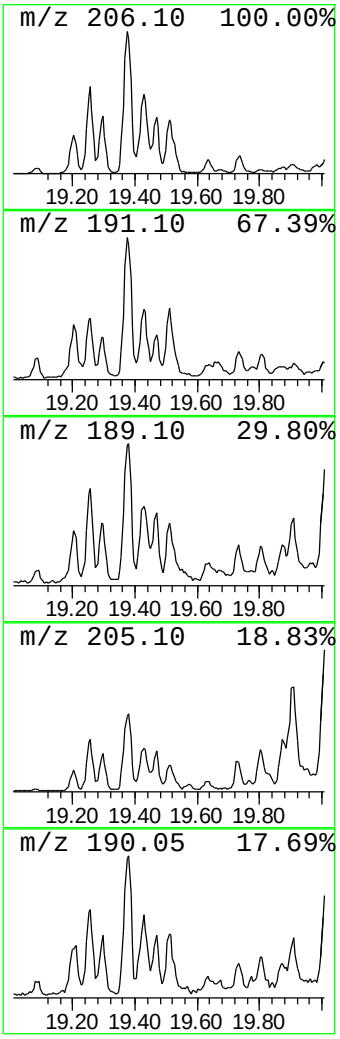
Peak Number 30 Phenanthrene, 4,5-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	12.48 ng/ul	1001700	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91





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Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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

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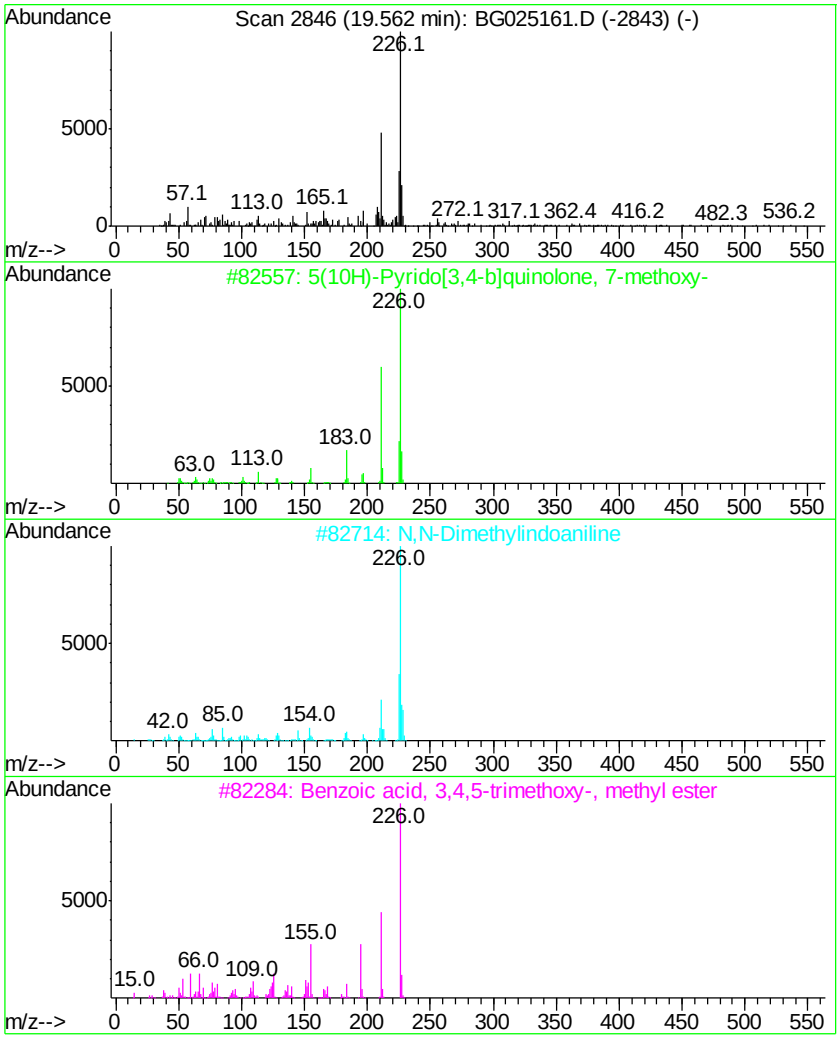
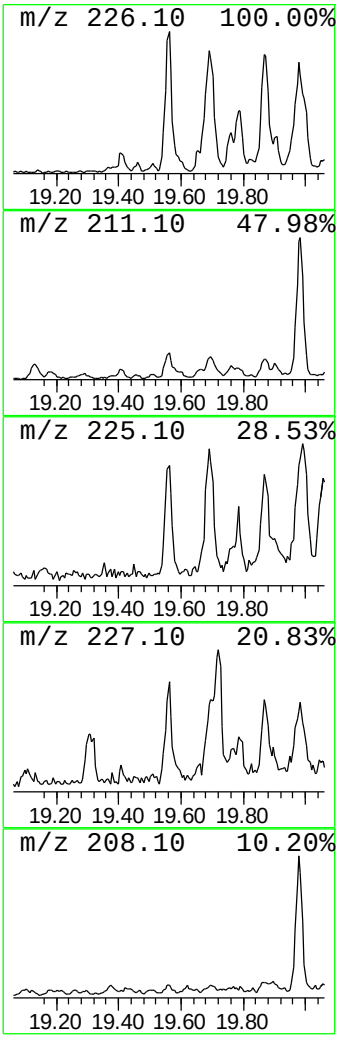
Peak Number 31 5(10H)-Pyrido[3,4-b]quinolo... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	2.81 ng/ul	225191	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	64
2	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	58
3	Benzoic acid, 3,4,5-trimethoxy-,...	226	C11H14O5	001916-07-0	53
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	52
5	2-(Methylthio)phenazine	226	C13H10N2S	005752-54-5	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025161.D
Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P035-P036-PCS-03

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

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

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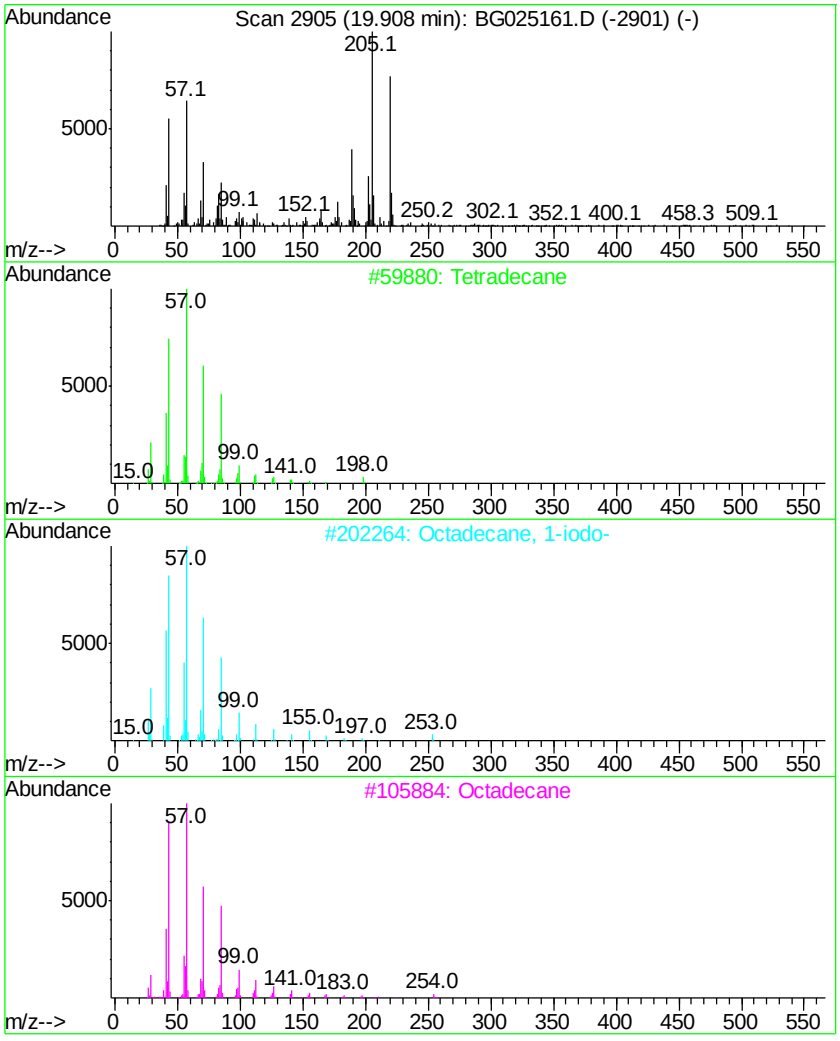
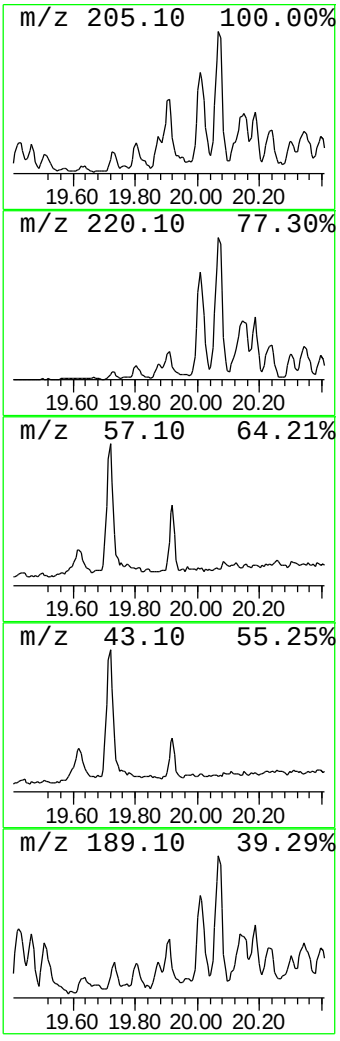
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	20.18 ng/ul	1685350	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	45
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	43
3	Octadecane	254	C18H38	000593-45-3	43
4	Tetracosane	338	C24H50	000646-31-1	43
5	Eicosane	282	C20H42	000112-95-8	43





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Data File : BG025161.D
Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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

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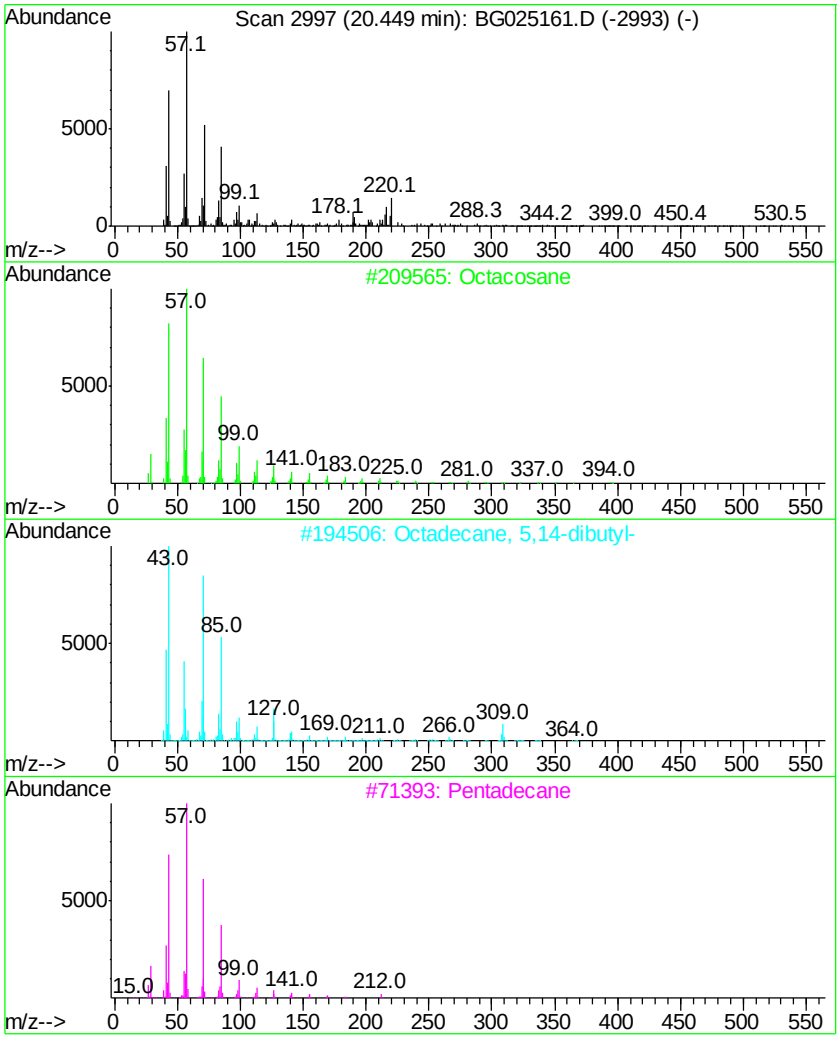
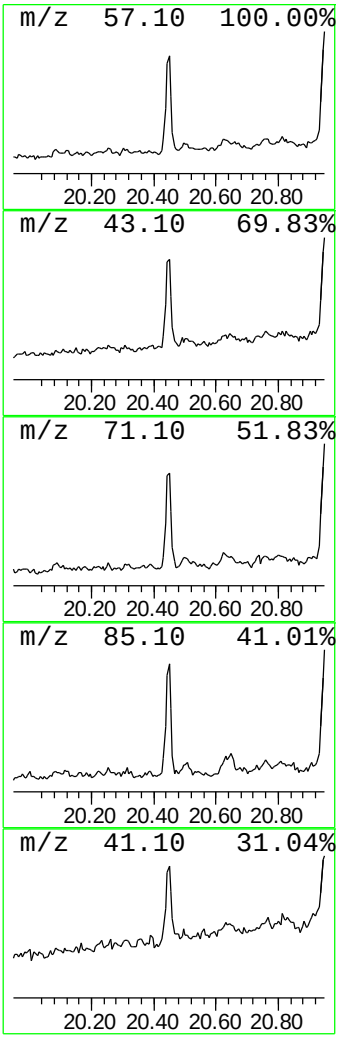
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	22.94 ng/ul	1915590	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	91
3	Pentadecane	212	C15H32	000629-62-9	87
4	Heptadecane	240	C17H36	000629-78-7	83
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	76





Library Search Compound Report

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Data File : BG025161.D
Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P035-P036-PCS-03

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

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

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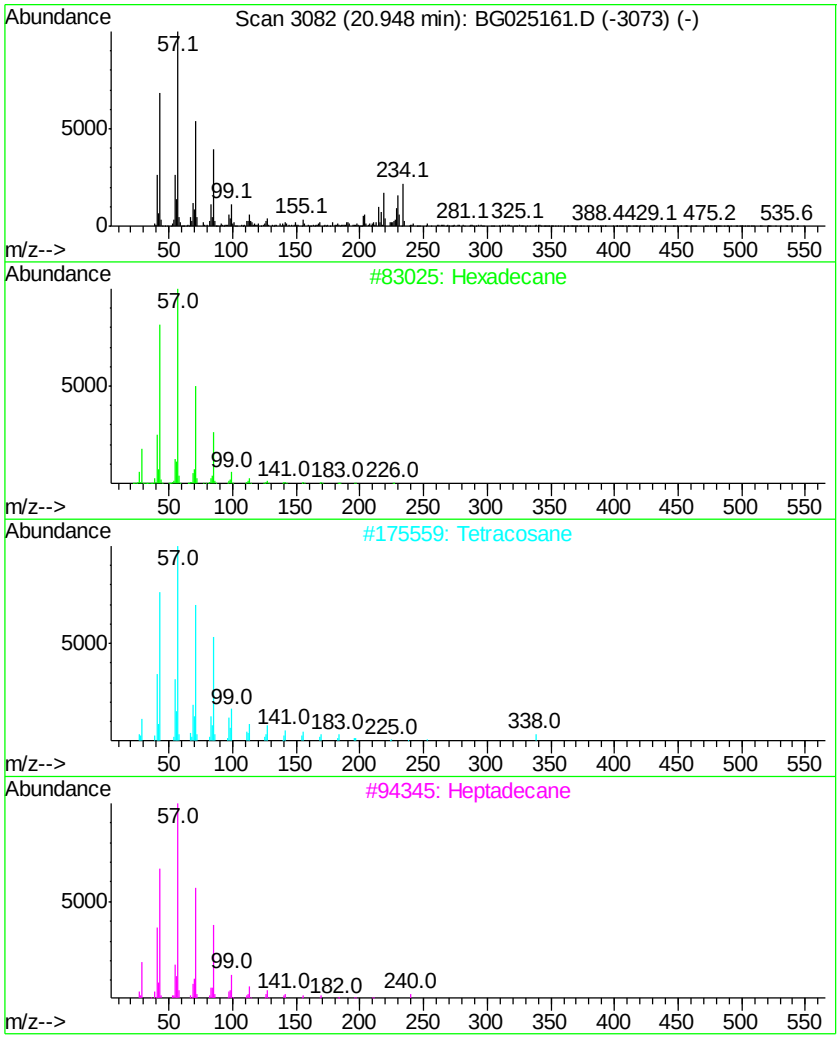
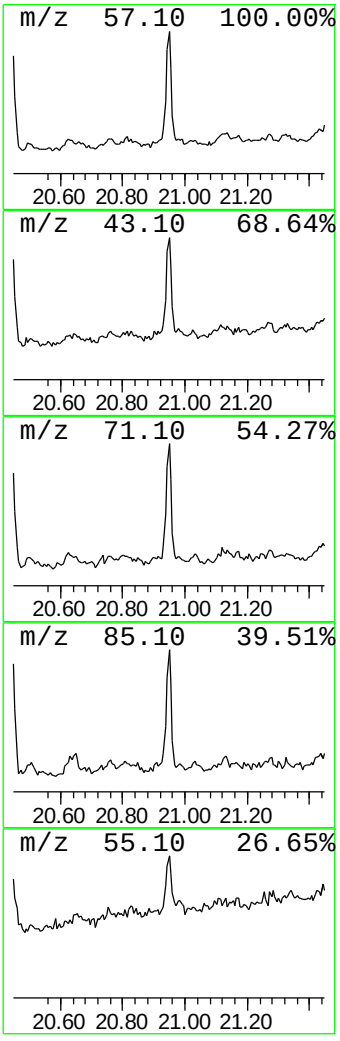
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	32.91 ng/ul	2748580	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptadecane	240	C17H36	000629-78-7	89
4	Hexadecane	226	C16H34	000544-76-3	70
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	55





Library Search Compound Report

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Data File : BG025161.D
Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P035-P036-PCS-03

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

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

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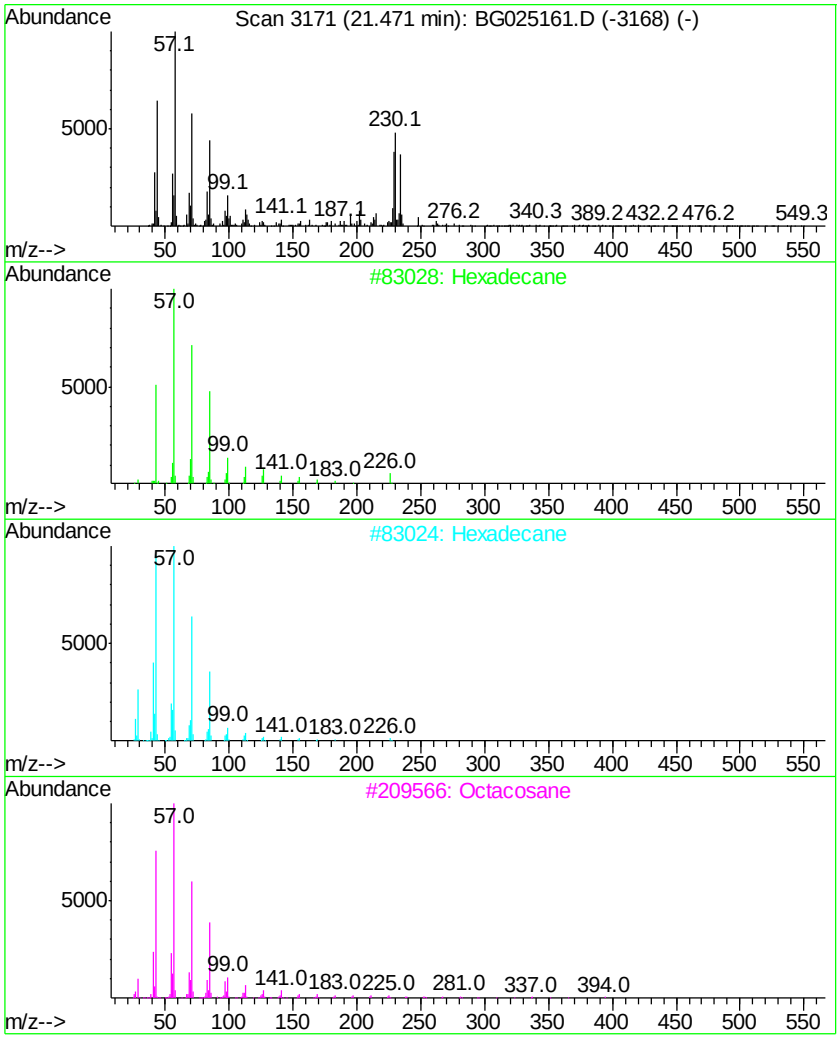
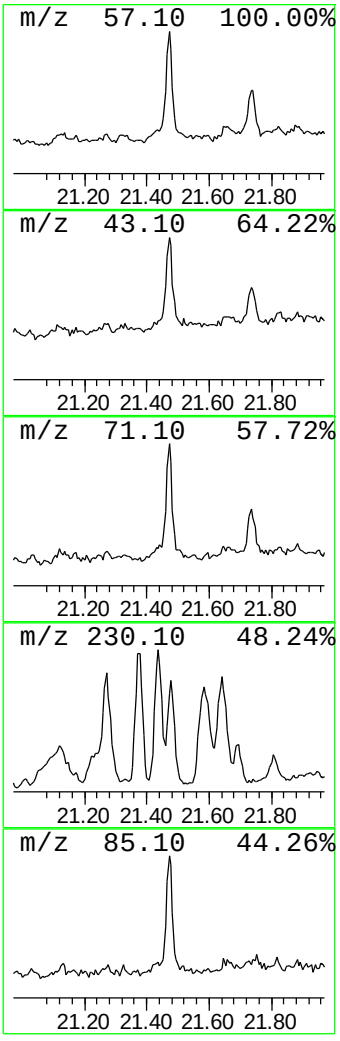
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	44.12 ng/ul	3685160	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	58
2	Hexadecane	226	C16H34	000544-76-3	55
3	Octacosane	394	C28H58	000630-02-4	50
4	Tetradecane	198	C14H30	000629-59-4	42
5	Tetradecane	198	C14H30	000629-59-4	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121316\
Data File : BG025161.D
Acq On : 14 Dec 2016 1:25
Operator : UM/SJ
Sample : H5992-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P035-P036-PCS-03

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Bicyclo[4.2.0]oct...	6.19	9.8	ng/ul	355637	1	8.24	725193	20.0
2-Hexenal, 2-ethyl-	7.85	14.4	ng/ul	520325	1	8.24	725193	20.0
Benzene, 1,4-diet...	8.71	2.6	ng/ul	96022	1	8.24	725193	20.0
Naphthalene, 2,7-...	14.04	2.2	ng/ul	164130	3	14.86	1486050	20.0
unknown-01	15.22	3.0	ng/ul	223808	3	14.86	1486050	20.0
(DEL) Alkane: Str...	15.65	3.3	ng/ul	241314	3	14.86	1486050	20.0
(DEL) Alkane: Str...	16.51	3.5	ng/ul	280544	4	17.61	1604680	20.0
unknown-02	16.60	4.6	ng/ul	371968	4	17.61	1604680	20.0
1,2-Diphenylethyl...	16.71	2.0	ng/ul	160991	4	17.61	1604680	20.0
Tetradecanoic acid	16.96	9.8	ng/ul	786848	4	17.61	1604680	20.0
(DEL) Alkane: Str...	18.03	4.5	ng/ul	364313	4	17.61	1604680	20.0
Dibenzothiophene,...	18.19	4.7	ng/ul	380544	4	17.61	1604680	20.0
n-Hexadecanoic acid	18.46	91.4	ng/ul	7332410	4	17.61	1604680	20.0
Phenanthrene, 2-m...	18.52	16.4	ng/ul	1319780	4	17.61	1604680	20.0
1H-Cyclopropa[l]p...	18.66	7.4	ng/ul	594217	4	17.61	1604680	20.0
1H-Indene, 2-phenyl-	18.70	8.3	ng/ul	665931	4	17.61	1604680	20.0
2-Heptadecanone	18.77	3.5	ng/ul	283585	4	17.61	1604680	20.0
2,8-Dimethyldiben...	18.87	2.7	ng/ul	214916	4	17.61	1604680	20.0
unknown-03	18.90	3.3	ng/ul	265970	4	17.61	1604680	20.0
unknown-04	18.95	3.0	ng/ul	240234	4	17.61	1604680	20.0
9,10-Dimethylanth...	19.20	13.4	ng/ul	1072110	4	17.61	1604680	20.0
Phenanthrene, 2,7...	19.26	16.4	ng/ul	1317870	4	17.61	1604680	20.0
di-p-Tolylacetylene	19.30	11.9	ng/ul	957903	4	17.61	1604680	20.0
Phenanthrene, 2,5...	19.37	40.0	ng/ul	3207350	4	17.61	1604680	20.0
Phenanthrene, 3,6...	19.43	16.5	ng/ul	1322230	4	17.61	1604680	20.0
Phenanthrene, 4,5...	19.51	12.5	ng/ul	1001700	4	17.61	1604680	20.0
5(10H)-Pyrido[3,4...	19.56	2.8	ng/ul	225191	4	17.61	1604680	20.0
(DEL) Alkane: Str...	19.91	20.2	ng/ul	1685350	5	21.91	1670410	20.0
(DEL) Alkane: Str...	20.45	22.9	ng/ul	1915590	5	21.91	1670410	20.0
(DEL) Alkane: Str...	20.95	32.9	ng/ul	2748580	5	21.91	1670410	20.0
(DEL) Alkane: Str...	21.47	44.1	ng/ul	3685160	5	21.91	1670410	20.0