LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025084.D
Acq On : 11 Dec 2016 1:09
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA815

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	5.306	415	420	426	rBV5	14487	24852	0.94%	0.068%
2	5.388	426	434	439	rVB8	14110	29206	1.11%	0.080%
3	5.706	483	488	494	rVB3	21682	40385	1.53%	0.111%
4	5.847	503	512	519	rBV6	29165	88248	3.35%	0.242%
5	6.417	603	609	616	rBV8	9951	25447	0.97%	0.070%
6	7.192	737	741	748	rBV3	22740	34093	1.29%	0.094%
7	7.298	756	759	764	rVV3	16218	30634	1.16%	0.084%
8	7.380	764	773	788	rVB	313748	657262	24.94%	1.805%
9	7.550	795	802	809	rBV	234728	411544	15.61%	1.130%
10	7.621	809	814	822	rVB8	18212	38349	1.45%	0.105%
11	7.762	825	838	850	rBV	301517	571191	21.67%	1.569%
12	7.862	850	855	864	rVB4	21108	41769	1.58%	0.115%
13	7.968	866	873	880	rVB8	8822	24413	0.93%	0.067%
14	8.238	911	919	928	rBV	272956	493224	18.71%	1.355%
15	8.438	946	953	959	rBV9	12607	27890	1.06%	0.077%
16	8.508	960	965	973	rVV5	33953	72371	2.75%	0.199%
17	8.614	977	983	988	rBV8	14335	25801	0.98%	0.071%
18	8.872	1017	1027	1032	rBV9	37564	85879	3.26%	0.236%
19	8.931	1032	1037	1044	rVV	385121	694638	26.36%	1.908%
20	9.002	1044	1049	1059	rVB5	45162	101976	3.87%	0.280%
21	9.337	1096	1106	1112	rBV9	29213	81632	3.10%	0.224%
22	9.413	1112	1119	1127	rBV	344112	635978	24.13%	1.747%
23	9.483	1127	1131	1135	rBV5	18735	33678	1.28%	0.092%
24	9.601	1146	1151	1154	rVB6	14384	23843	0.90%	0.065%
25	9.660	1156	1161	1166	rBV8	19549	29923	1.14%	0.082%
26	9.783	1177	1182	1189	rVB2	60120	106960	4.06%	0.294%
27	10.006	1216	1220	1227	rVB7	17195	28743	1.09%	0.079%
28	10.136	1232	1242	1250	rBV2	308724	606182	23.00%	1.665%
29	10.212	1250	1255	1258	rBV5	32811	61089	2.32%	0.168%
30	10.488	1288	1302	1303	rBV8	35186	86848	3.30%	0.239%
31	10.518	1303	1307	1314	rVV3	50803	99410	3.77%	0.273%
32	10.676	1327	1334	1341	rBV2	404020	775674	29.43%	2.130%
33	10.917	1369	1375	1379	rVV6	21121	46785	1.78%	0.128%
34	11.064	1392	1400	1407	rBV	373420	704259	26.72%	1.934%

LSC Area Percent Report

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Acq On : 11 Dec 2016 1:09
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA815

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	11.199	1416	1423	1433	rBV2	188107	393982	14.95%	1.082%
36	11.293	1435	1439	1453	rVB5	48902	159425	6.05%	0.438%
37	11.422	1453	1461	1464	rBV8	50430	111280	4.22%	0.306%
38	11.464	1464	1468	1476	rVV2	123382	237278	9.00%	0.652%
39	11.534	1476	1480	1484	rVV3	30106	51161	1.94%	0.141%
40	11.581	1484	1488	1493	rVV5	17656	29007	1.10%	0.080%
41	11.640	1493	1498	1505	rVB10	15120	33977	1.29%	0.093%
42	11.810	1522	1527	1531	rBV8	17119	33569	1.27%	0.092%
43	11.863	1531	1536	1543	rVV6	40943	81081	3.08%	0.223%
44	12.198	1588	1593	1599	rVB5	20659	39695	1.51%	0.109%
45	12.427	1626	1632	1640	rBV10	18168	33689	1.28%	0.093%
46	12.509	1640	1646	1651	rBV7	12244	27110	1.03%	0.074%
47	12.592	1651	1660	1661	rBV6	23013	47526	1.80%	0.131%
48	12.733	1675	1684	1689	rBV7	48890	126174	4.79%	0.347%
49	12.838	1696	1702	1703	rBV5	15195	24538	0.93%	0.067%
50	12.915	1711	1715	1722	rVB7	22234	40015	1.52%	0.110%
51	13.003	1723	1730	1734	rBV7	24843	54634	2.07%	0.150%
52	13.091	1741	1745	1757	rVB7	23341	68548	2.60%	0.188%
53	13.203	1757	1764	1770	rBV10	25826	64947	2.46%	0.178%
54	13.273	1770	1776	1783	rVV10	25843	60314	2.29%	0.166%
55	13.449	1801	1806	1810	rBV7	14373	26710	1.01%	0.073%
56	13.637	1833	1838	1843	rVB8	19071	33721	1.28%	0.093%
57	13.720	1846	1852	1860	rBV8	10689	29143	1.11%	0.080%
58	13.908	1878	1884	1889	rBV10	14205	26908	1.02%	0.074%
59	13.996	1895	1899	1902	rBV7	17852	25088	0.95%	0.069%
60	14.172	1925	1929	1933	rBV7	14550	30491	1.16%	0.084%
61	14.249	1935	1942	1946	rBV	924218	1370183	51.99%	3.763%
62	14.296	1946	1950	1956	rVB	391294	543823	20.63%	1.493%
63	14.554	1987	1994	2002	rVB	822125	1328705	50.41%	3.649%
64	14.701	2012	2019	2024	rBV9	25080	40526	1.54%	0.111%
65	14.854	2035	2045	2054	rBV	677948	1123004	42.61%	3.084%
66	15.048	2071	2078	2091	rBV2	328354	583257	22.13%	1.602%
67	15.318	2120	2124	2128	rVB6	19450	24911	0.95%	0.068%
68	15.612	2170	2174	2176	rBV4	23681	25836	0.98%	0.071%
69	15.653	2176	2181	2187	rVB5	45314	72182	2.74%	0.198%
70	15.841	2207	2213	2224	rBV	1186145	1879002	71.29%	5.160%
71	15.958	2226	2233	2240	rBV	459675	691213	26.23%	1.898%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA815

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	16.076	2252	2253	2260	rVB7	21404	34873	1.32%	0.096%
73	16.405	2304	2309	2315	rVB10	14894	31953	1.21%	0.088%
74	16.511	2321	2327	2340	rBV2	70353	178120	6.76%	0.489%
75	16.957	2397	2403	2409	rBV2	18581	46005	1.75%	0.126%
76	17.298	2457	2461	2465	rBV3	65014	88798	3.37%	0.244%
77	17.598	2505	2512	2521	rBV	950007	1505243	57.11%	4.134%
78	17.697	2522	2529	2536	rBV	1374335	2129150	80.78%	5.847%
79	17.762	2538	2540	2547	rVB8	41937	76663	2.91%	0.211%
80	17.927	2562	2568	2583	rBV	1498204	2471768	93.78%	6.788%
81	18.038	2583	2587	2594	rVB2	69919	114499	4.34%	0.314%
82	18.332	2633	2637	2643	rBV9	41340	79773	3.03%	0.219%
83	18.438	2650	2655	2664	rBV4	144681	239796	9.10%	0.659%
84	18.720	2699	2703	2710	rVB	94635	132862	5.04%	0.365%
85	19.343	2805	2809	2819	rVB	180396	228391	8.67%	0.627%
86	19.912	2902	2906	2910	rVV	234047	274380	10.41%	0.754%
87	19.971	2910	2916	2928	rVB	1688500	2635685	100.00%	7.238%
88	20.441	2991	2996	3001	rVB	298858	364630	13.83%	1.001%
89	20.941	3076	3081	3091	rVB2	307853	498768	18.92%	1.370%
90	21.464	3164	3170	3178	rBV	322266	515354	19.55%	1.415%
91	21.722	3211	3214	3219	rVB3	64314	78942	3.00%	0.217%
92	21.887	3235	3242	3252	rVB	1132432	1930956	73.26%	5.303%
93	22.028	3260	3266	3273	rVB	222694	358509	13.60%	0.985%
94	22.656	3368	3373	3382	rVB2	182988	308662	11.71%	0.848%
95	23.379	3491	3496	3507	rVB2	198624	397800	15.09%	1.092%
96	24.219	3632	3639	3649	rBV3	161618	403221	15.30%	1.107%
97	25.059	3772	3782	3795	rVB2	822674	2416970	91.70%	6.638%
98	25.218	3802	3809	3814	rBV4	110288	277959	10.55%	0.763%
99	25.294	3814	3822	3834	rVB3	602712	1851919	70.26%	5.086%
100	26.399	4006	4010	4021	rVB5	124186	328793	12.47%	0.903%

Sum of corrected areas: 36413271

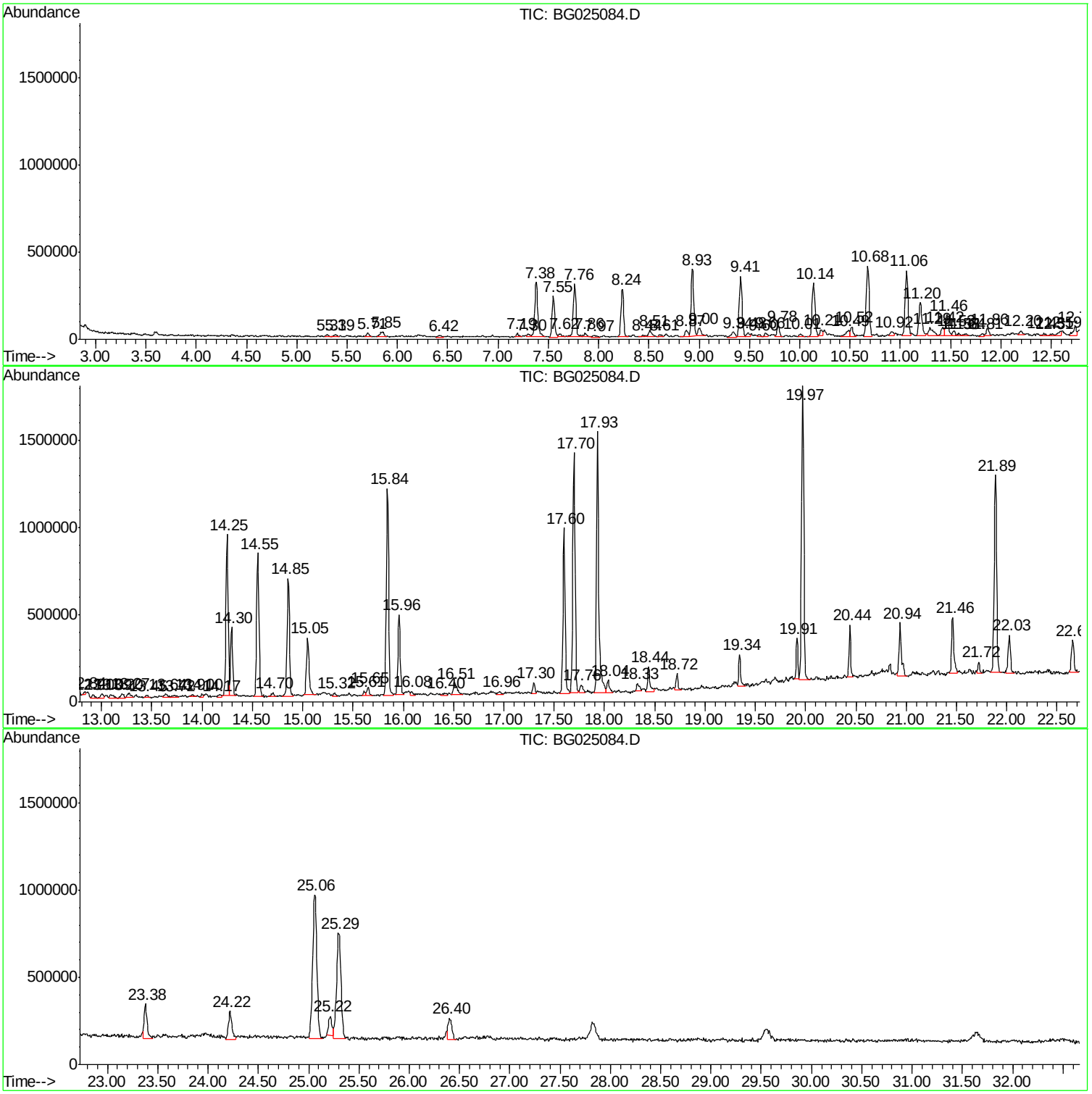
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025084.D
Acq On : 11 Dec 2016 1:09
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA815

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\BG121016\
Data File : BG025084.D
Acq On : 11 Dec 2016 1:09
Operator : UM/SJ
Sample : H5905-16
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Instrument : BNA_G
ClientSampleId : DA815

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

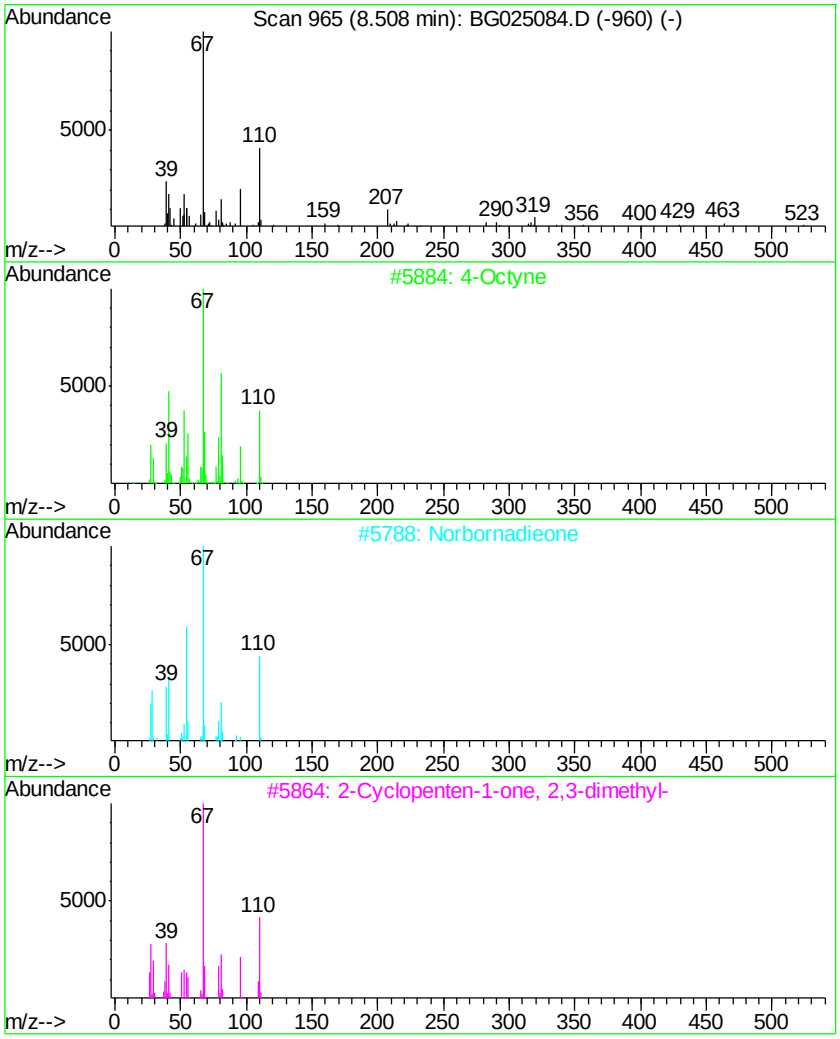
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

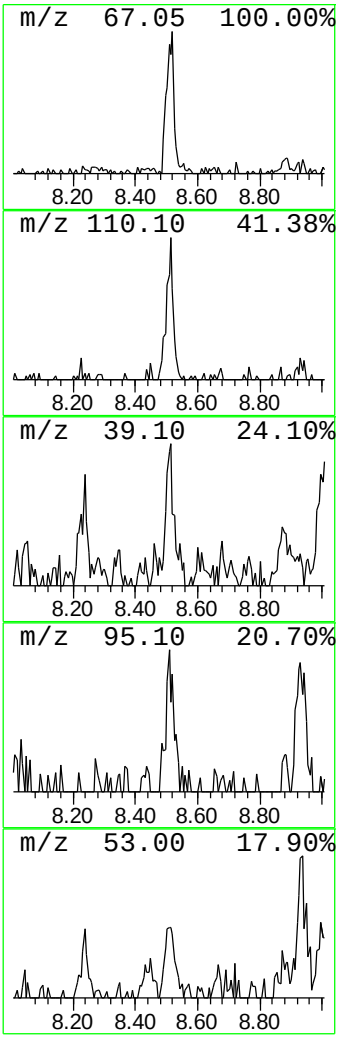
****

Peak Number 2 4-Octyne Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	2.93 ng/ul	72371	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octyne	110	C8H14	001942-45-6	64
2	Norbornadieone	110	C7H10O	010218-02-7	53
3	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	50
4	Cyclopentene, 1-(1-methylethyl)-	110	C8H14	001462-07-3	42
5	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	42





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025084.D
Acq On : 11 Dec 2016 1:09
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA815

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

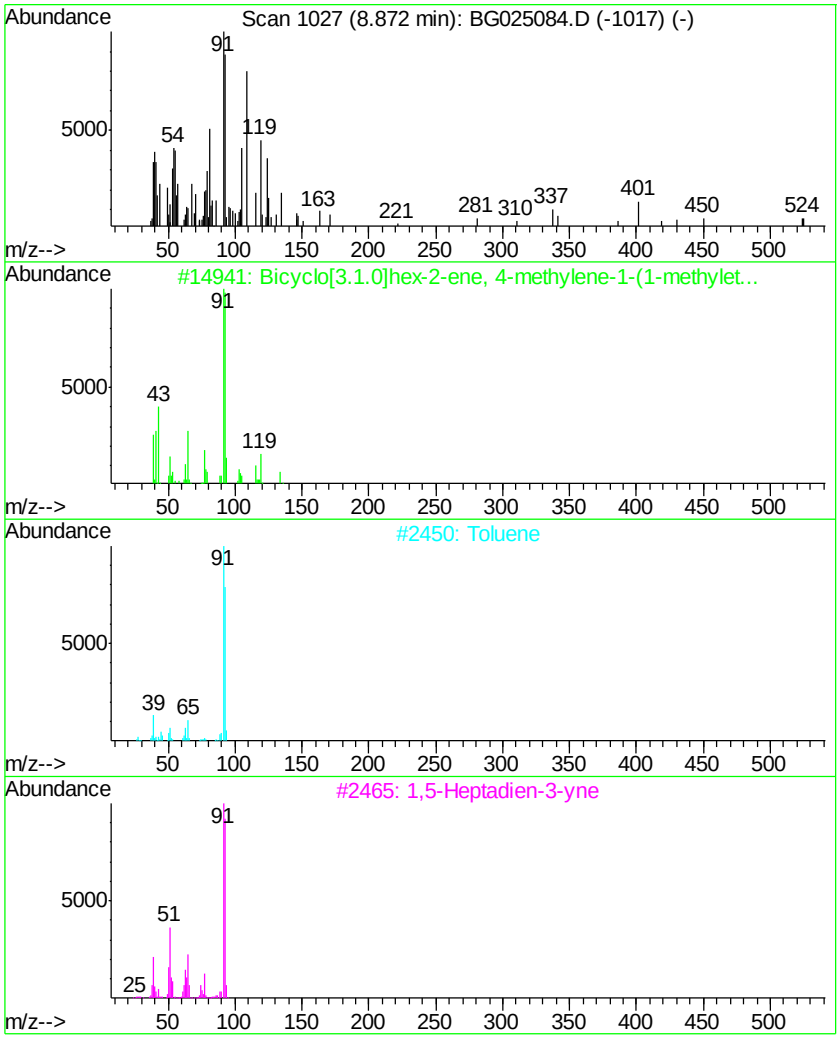
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

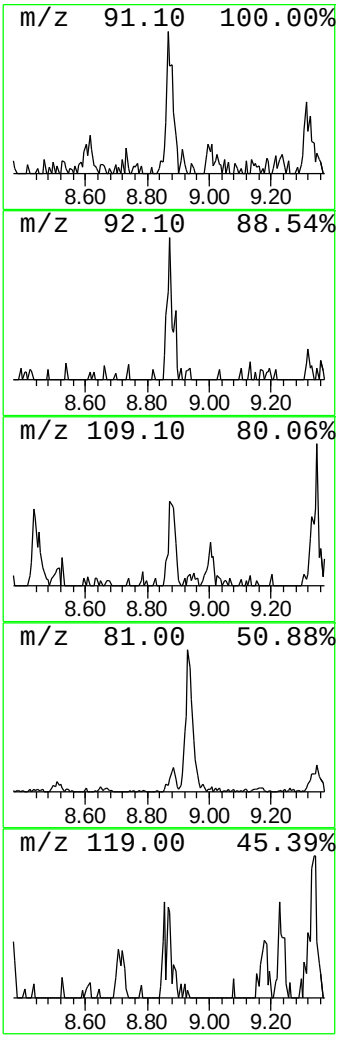
****

Peak Number 3 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	3.48 ng/ul	85879	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hex-2-ene, 4-methy...	134	C10H14	036262-09-6	14
2	Toluene	92	C7H8	000108-88-3	11
3	1,5-Heptadien-3-yne	92	C7H8	003511-27-1	11
4	Toluene	92	C7H8	000108-88-3	11
5	Toluene	92	C7H8	000108-88-3	11





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025084.D
Acq On : 11 Dec 2016 1:09
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA815

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

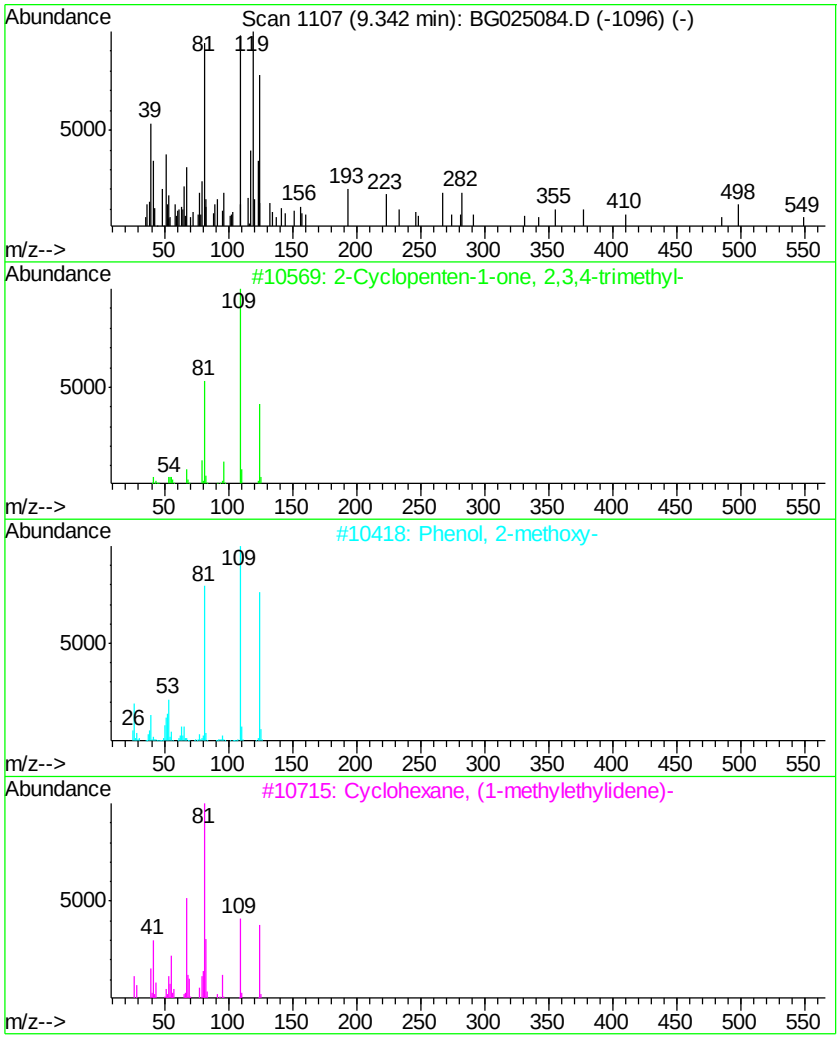
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

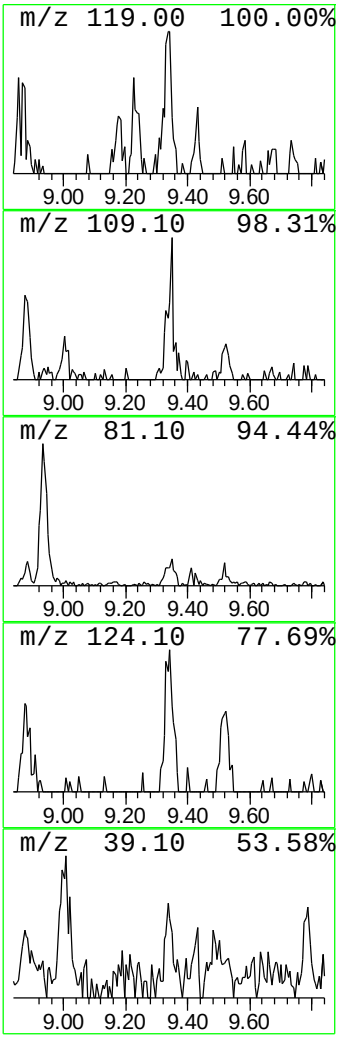
****

Peak Number 4 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	3.31 ng/ul	81632	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	41
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	30
3	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	27
4	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	27
5	Pyridine, 4-hydrazino-	109	C5H7N3	1000362-57-5	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA815

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

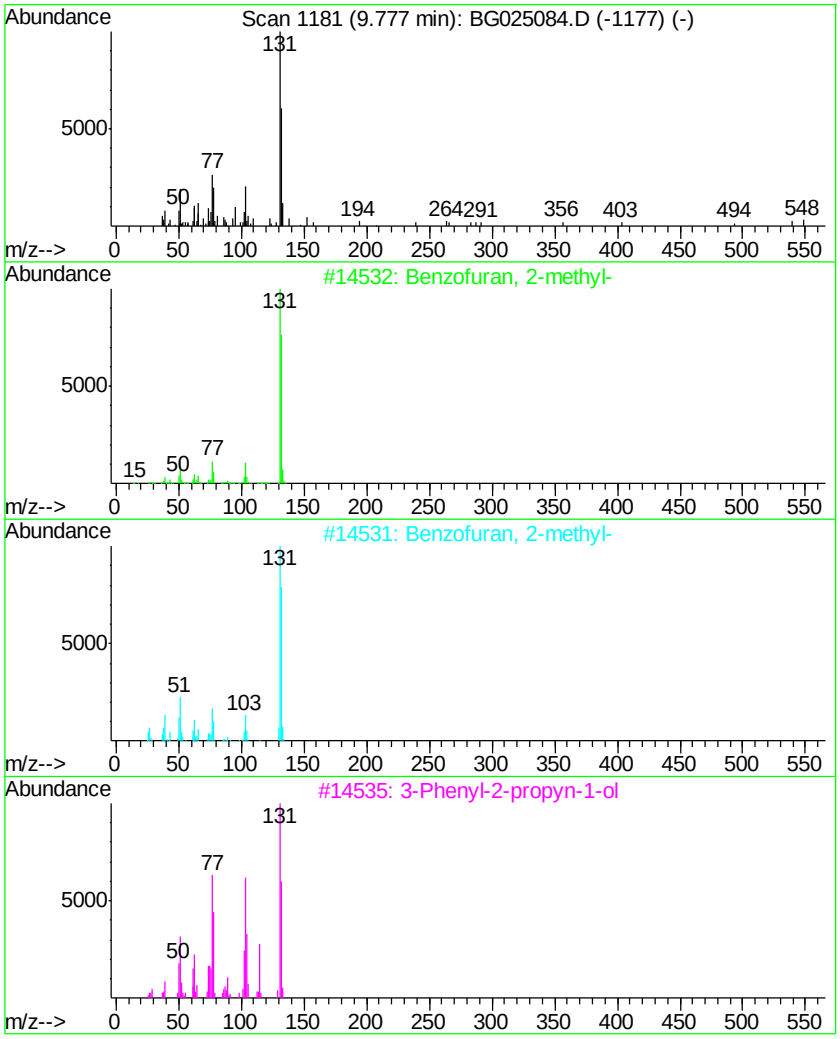
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

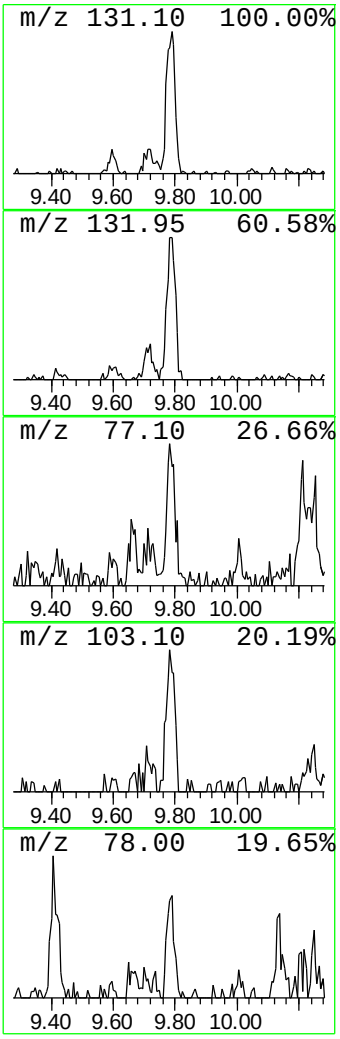
****

Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	3.04 ng/ul	106960	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025084.D
Acq On : 11 Dec 2016 1:09
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA815

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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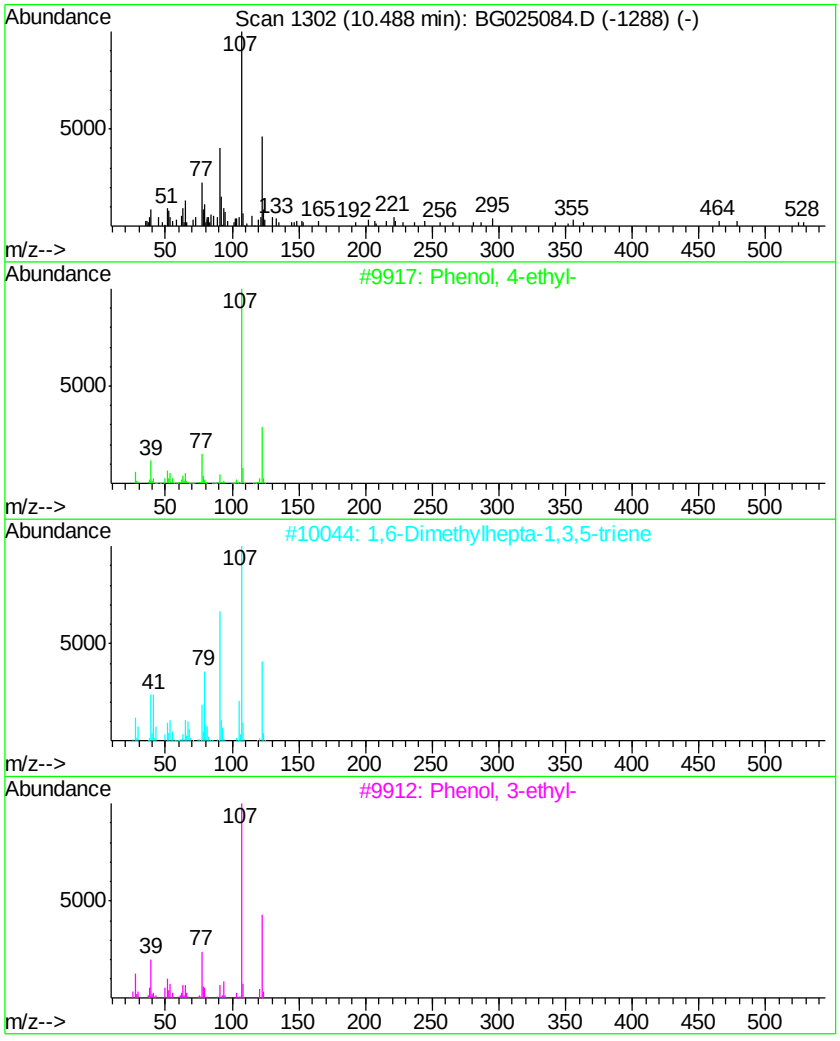
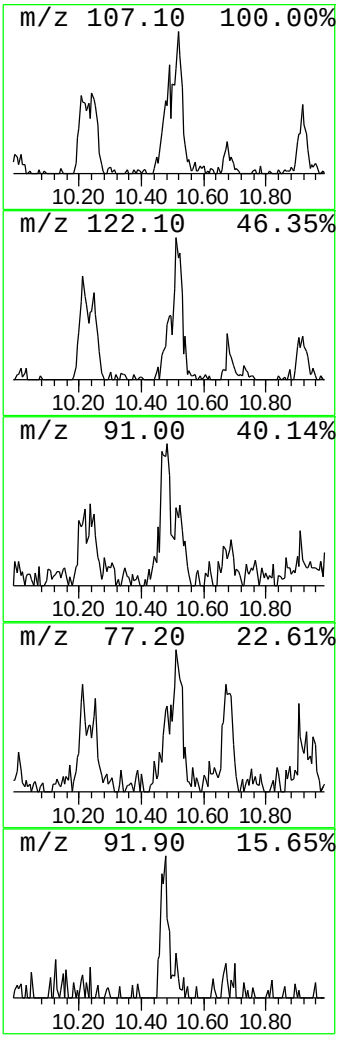
Peak Number 6 Phenol, 4-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	2.47 ng/ul	86848	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	81
2	1,6-Dimethylhepta-1,3,5-triene	122	C9H14	1000196-61-0	80
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	80
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	80
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025084.D
Acq On : 11 Dec 2016 1:09
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA815

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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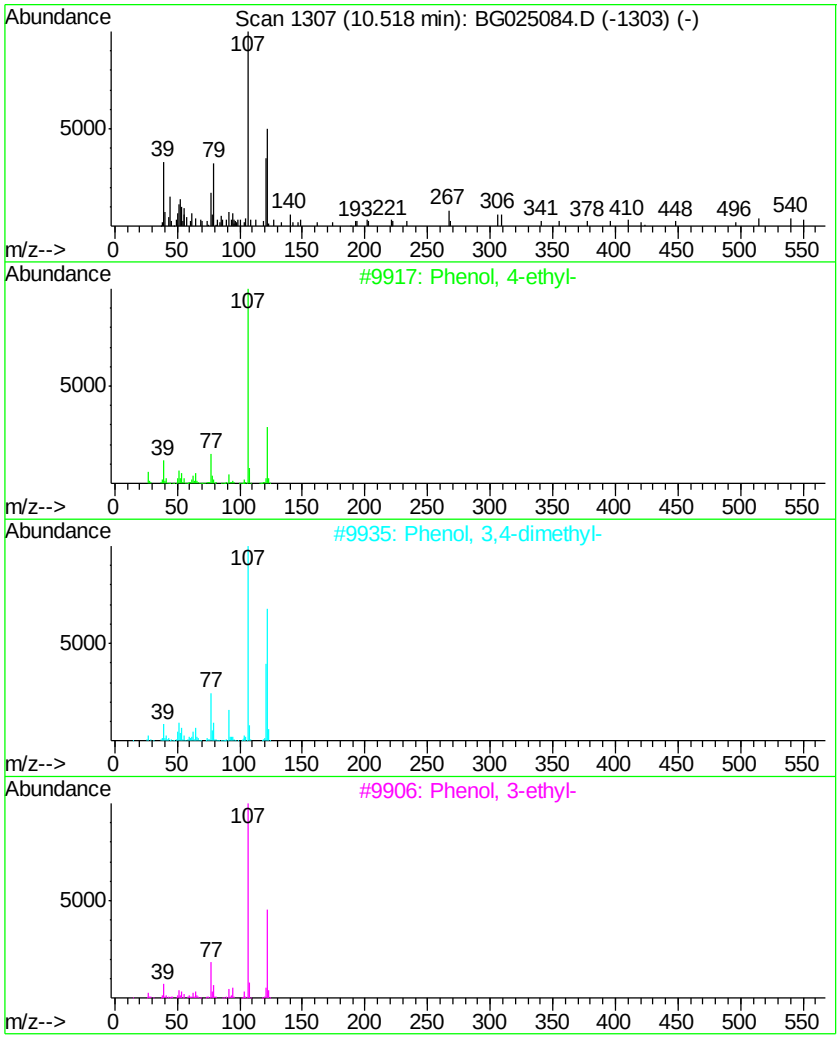
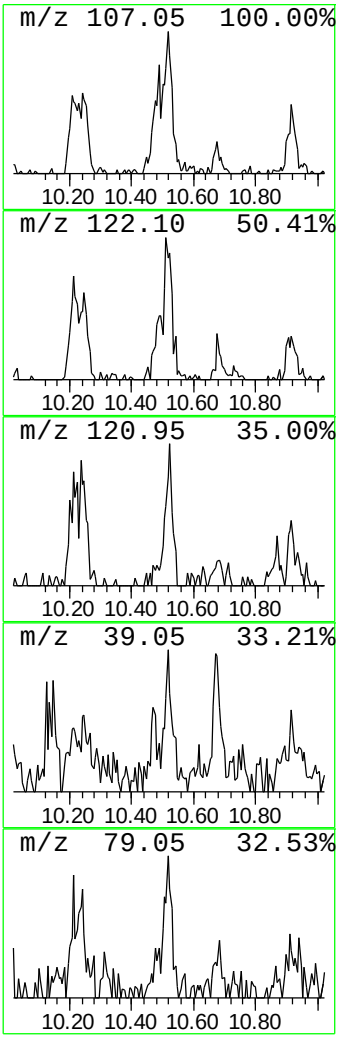
Peak Number 7 Phenol, 3,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	2.82 ng/ul	99410	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	72
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	64
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	64
4	1,3-Cyclopentadiene, 5,5-dimethy...	122	C9H14	1000162-25-6	64
5	2-Isopropylpyrazine	122	C7H10N2	029460-90-0	64





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Quant Title : SVOA CALIBRATION

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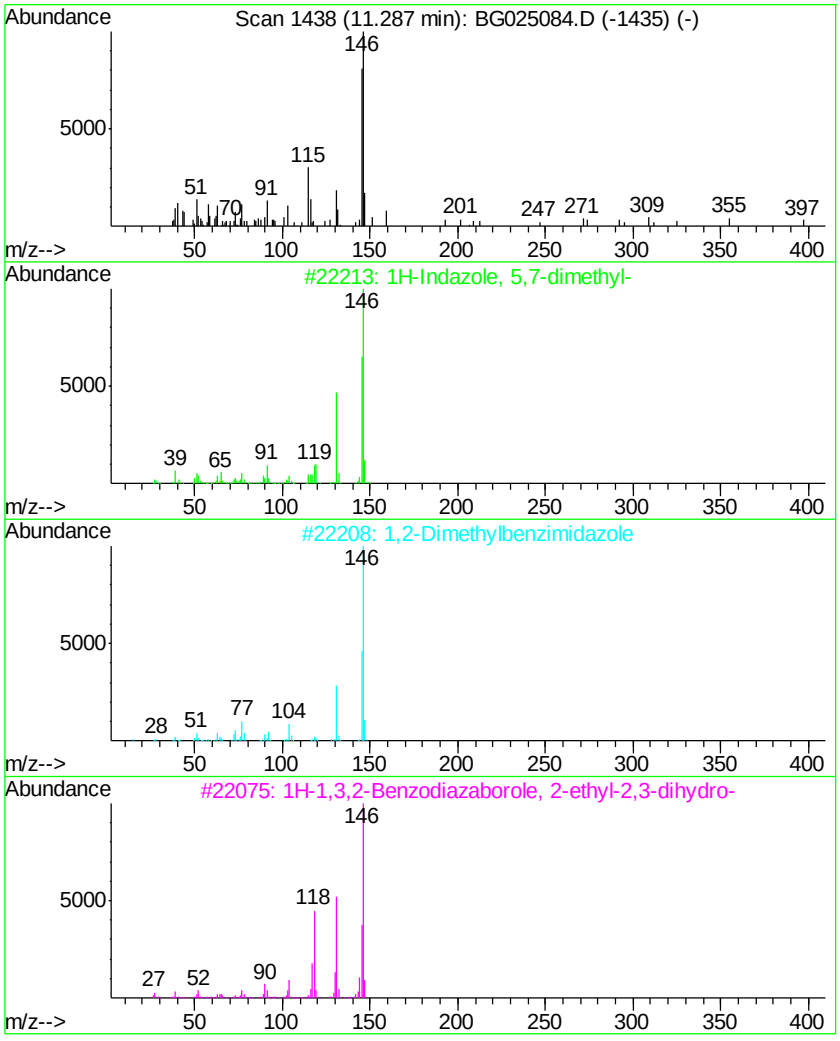
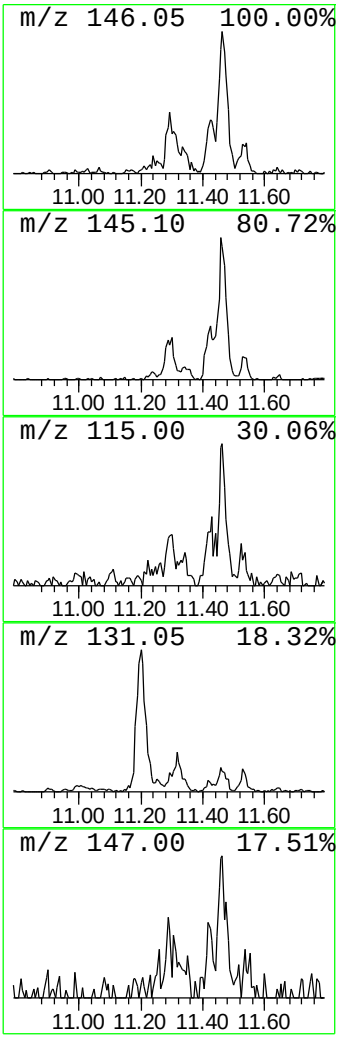
Peak Number 8 1H-Indazole, 5,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	4.53 ng/ul	159425	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	83
2	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	80
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	72
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	47





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Instrument : BNA_G
ClientSampleId : DA815

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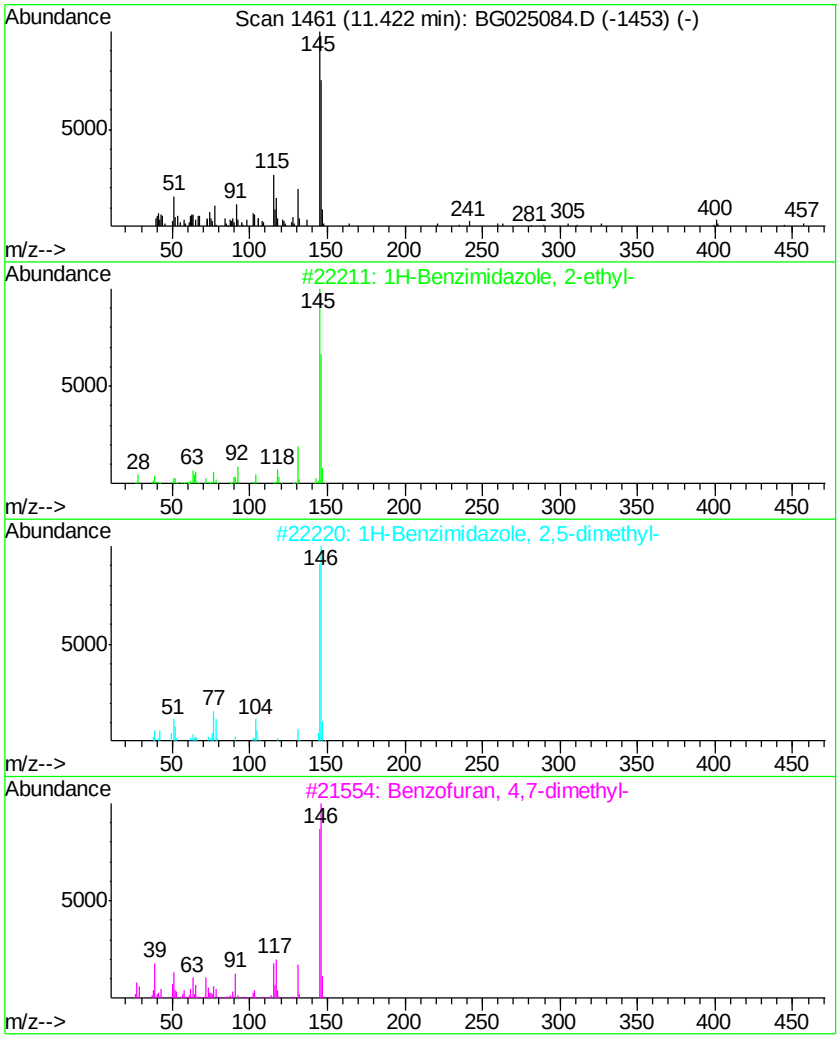
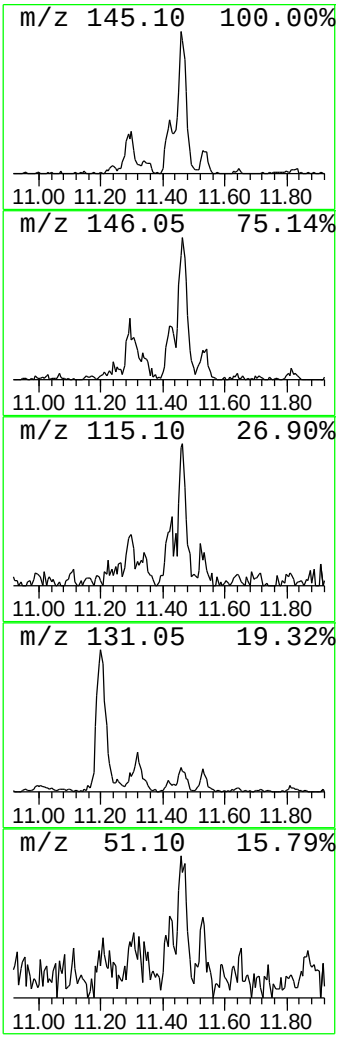
Peak Number 9 1H-Benzimidazole, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	3.16 ng/ul	111280	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
2	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	53
3	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	53
4	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	47
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	43





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Instrument : BNA_G
ClientSampleId : DA815

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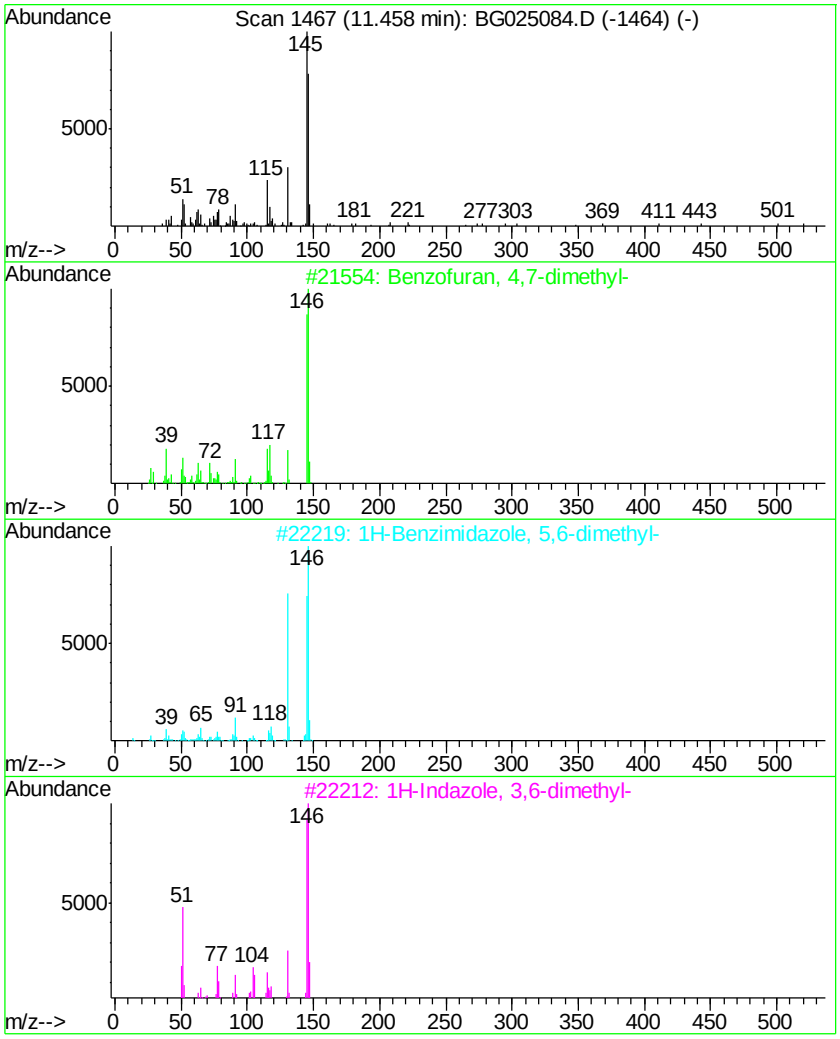
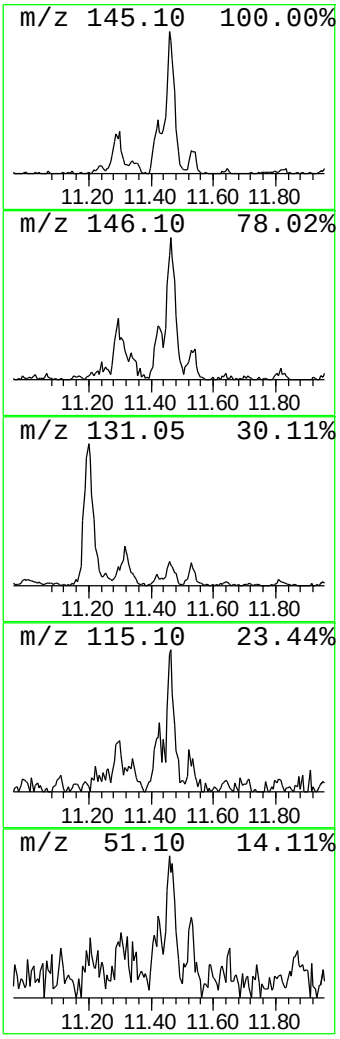
Peak Number 10 Benzofuran, 4,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	6.74 ng/ul	237278	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	86
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	86
3	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	72
4	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	72
5	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	64





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Instrument : BNA_G
ClientSampleId : DA815

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

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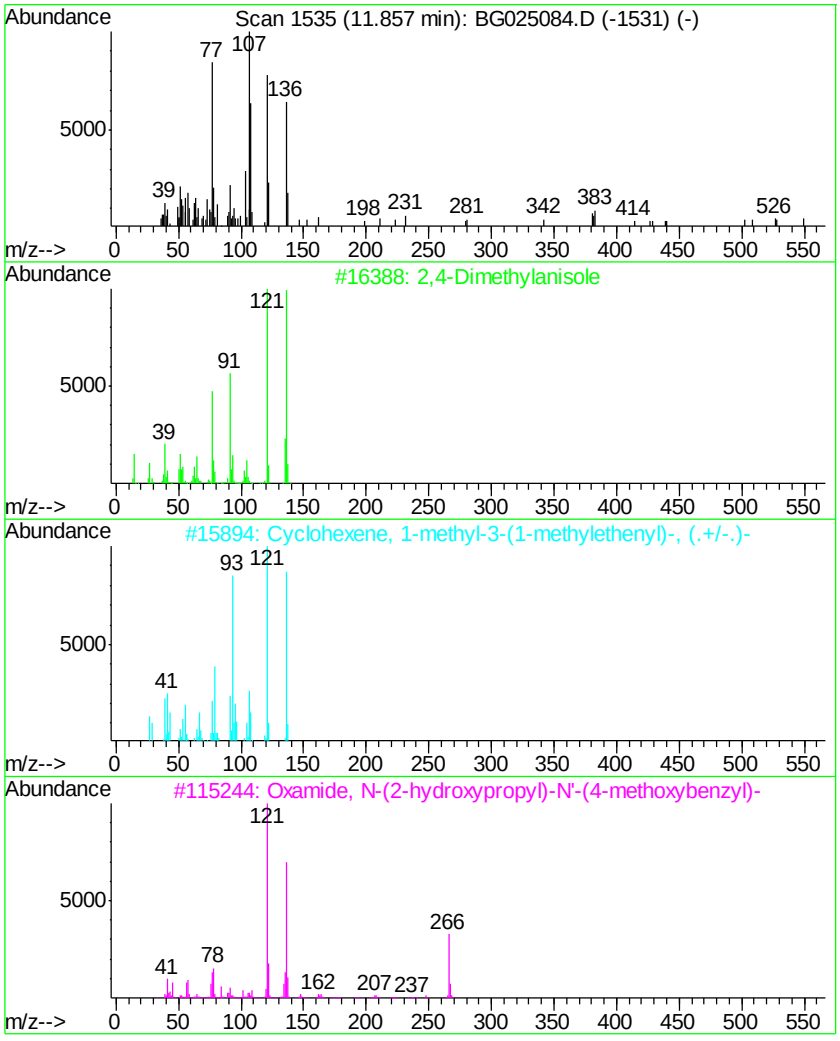
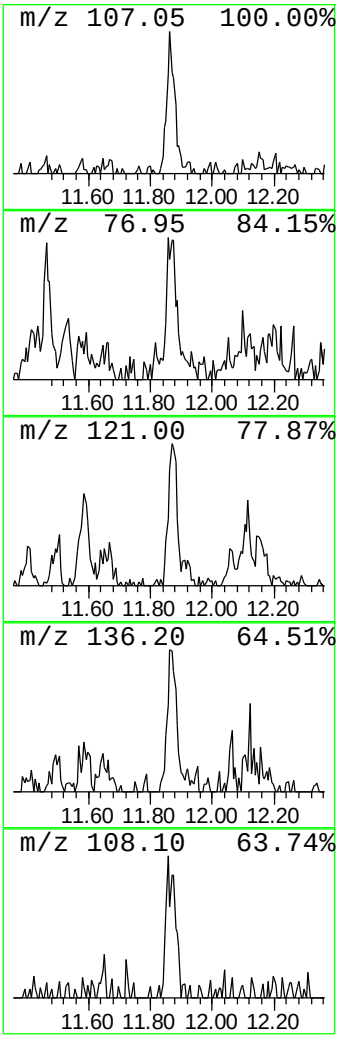
Peak Number 11 2,4-Dimethylanisole Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.30 ng/ul	81081	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylanisole	136	C9H12O	006738-23-4	50
2	Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	49
3	Oxamide, N-(2-hydroxypropyl)-N'-...	266	C13H18N2O4	1000276-77-4	46
4	3-Methyl-trans-3a,4,7,7a-tetrahy...	136	C10H16	1000145-84-3	46
5	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	45





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA815

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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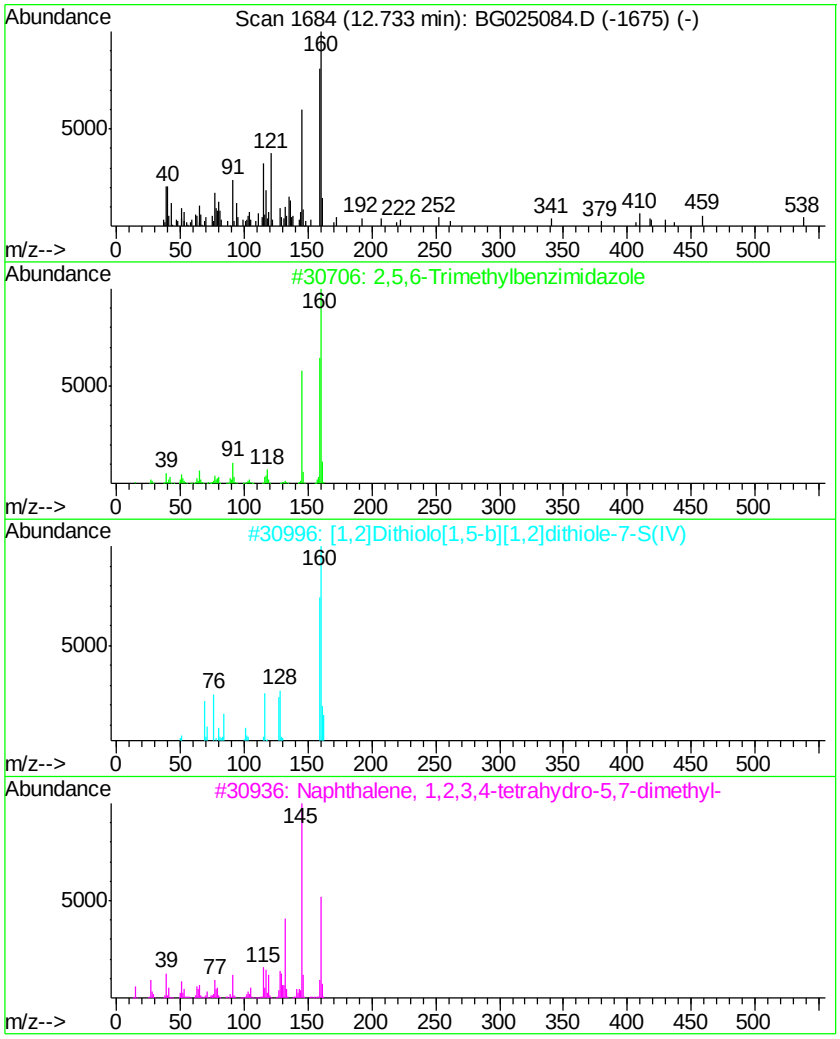
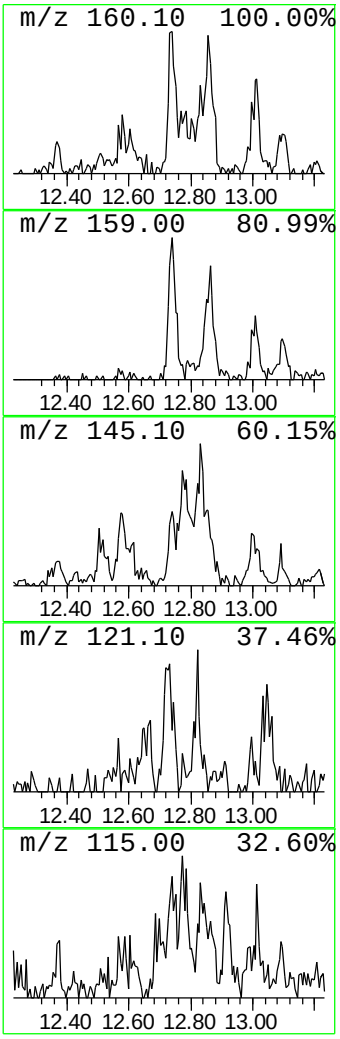
Peak Number 12 2,5,6-Trimethylbenzimidazole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.58 ng/ul	126174	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	80
2	[1,2]Dithiolo[1,5-b][1,2]dithiol...	160	C5H4S3	000252-09-5	58
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	55
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	50





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Instrument : BNA_G
ClientSampleId : DA815

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Quant Title : SVOA CALIBRATION

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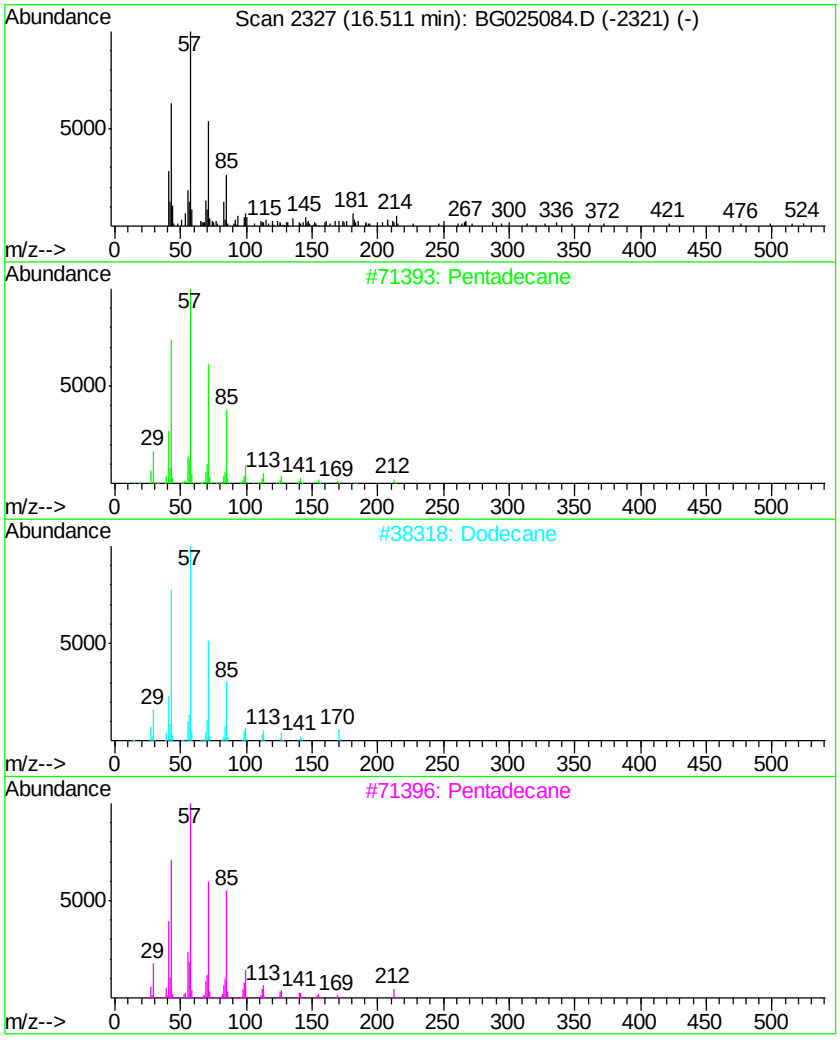
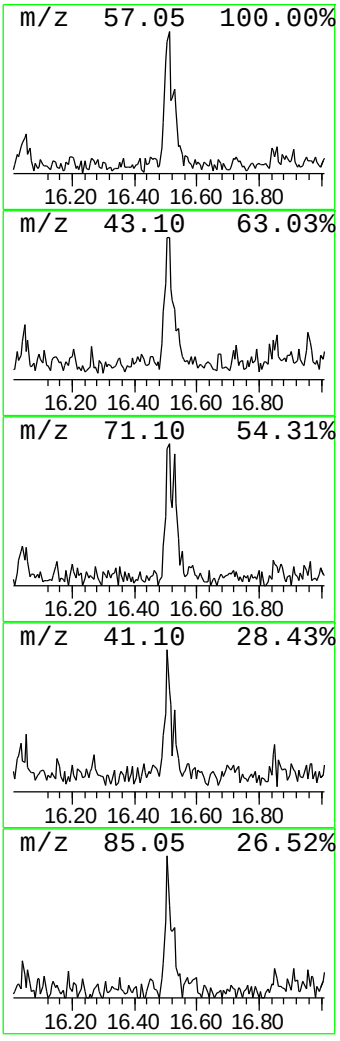
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	2.37 ng/ul	178120	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	76
2	Dodecane	170	C12H26	000112-40-3	76
3	Pentadecane	212	C15H32	000629-62-9	64
4	5-Ethyldecane	170	C12H26	017302-36-2	64
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50





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Misc :
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Instrument : BNA_G
ClientSampleId : DA815

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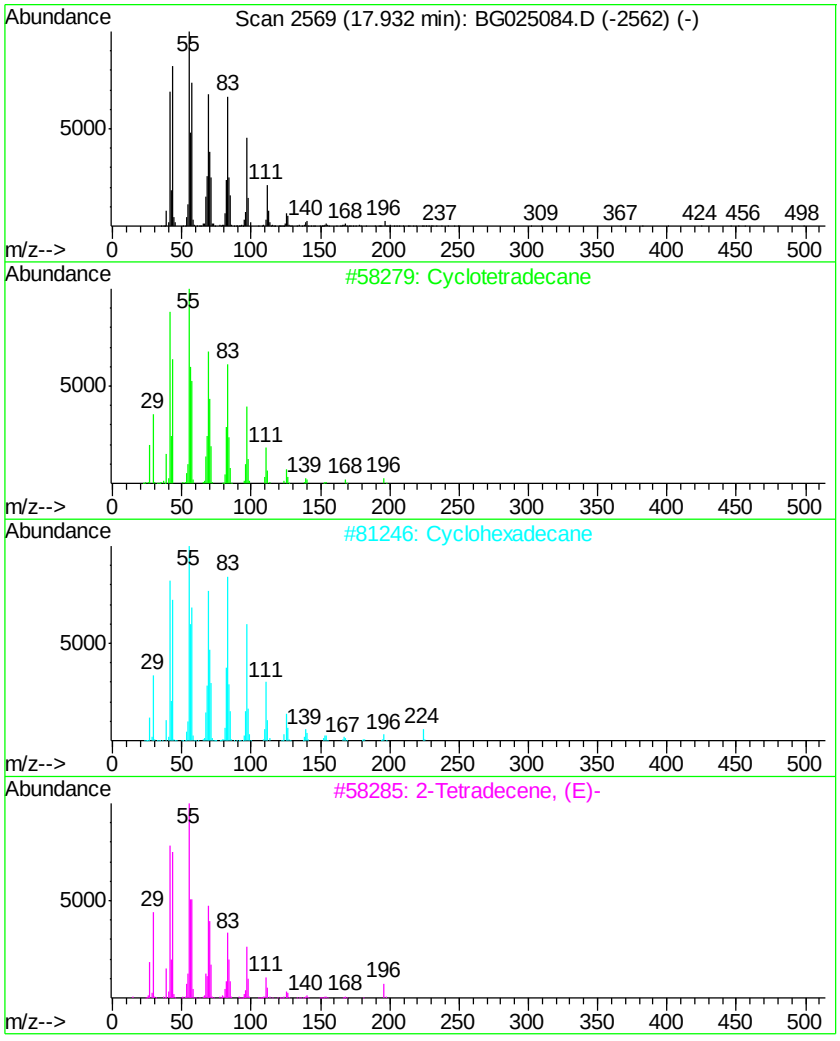
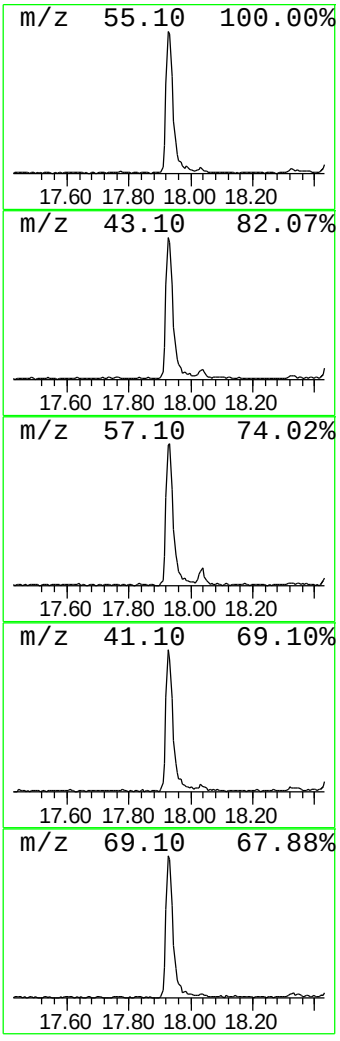
Peak Number 14 (DEL) Alkane: Cyclic17.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	32.84 ng/ul	2471770	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	98
2	Cyclohexadecane	224	C16H32	000295-65-8	97
3	2-Tetradecene, (E)-	196	C14H28	035953-54-9	95
4	1-Dodecene	168	C12H24	000112-41-4	94
5	1-Hexadecanol	242	C16H34O	036653-82-4	94





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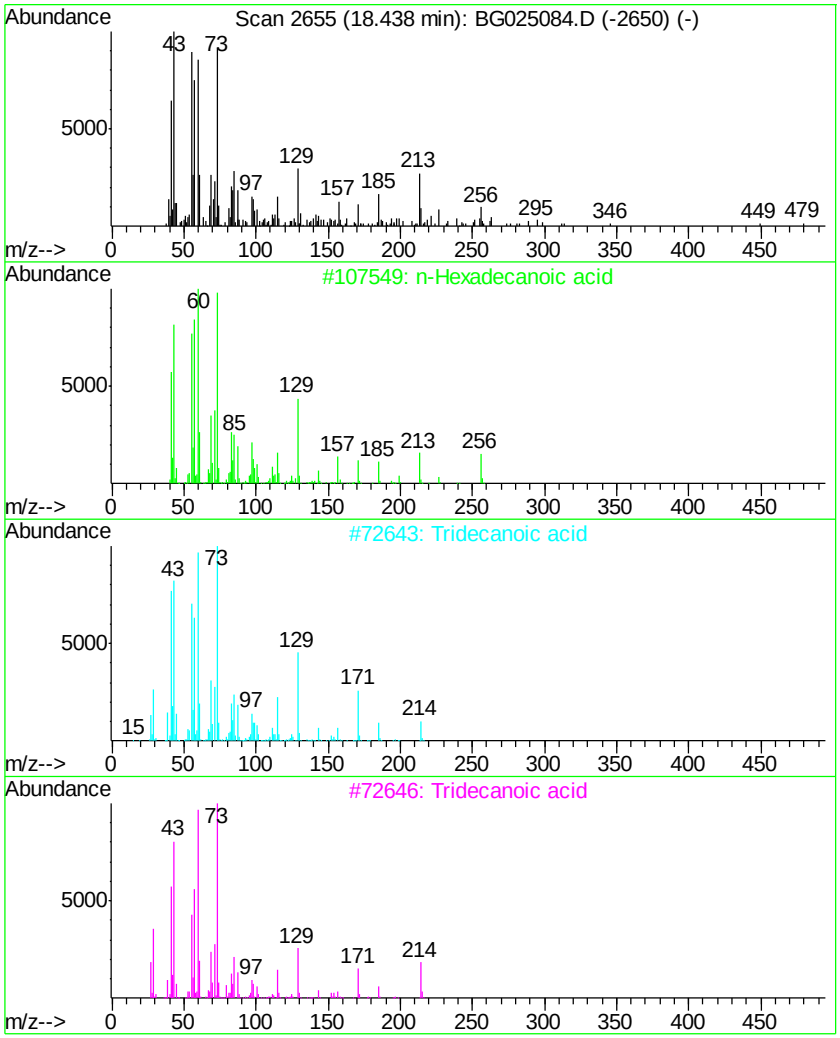
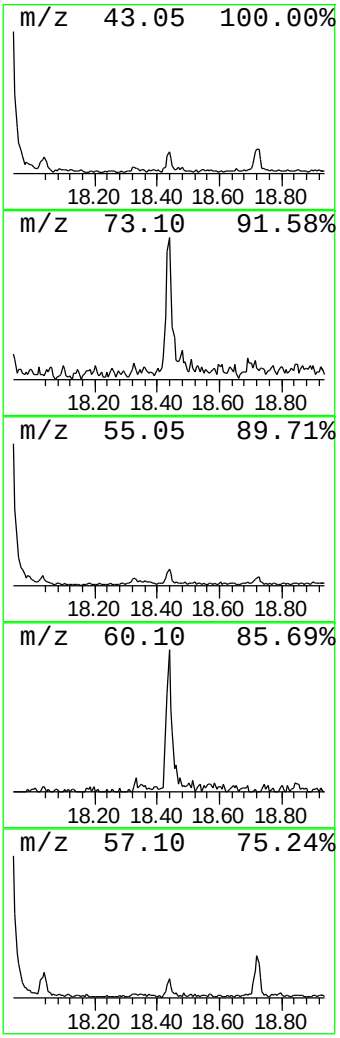
Peak Number 15 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	3.19 ng/ul	239796	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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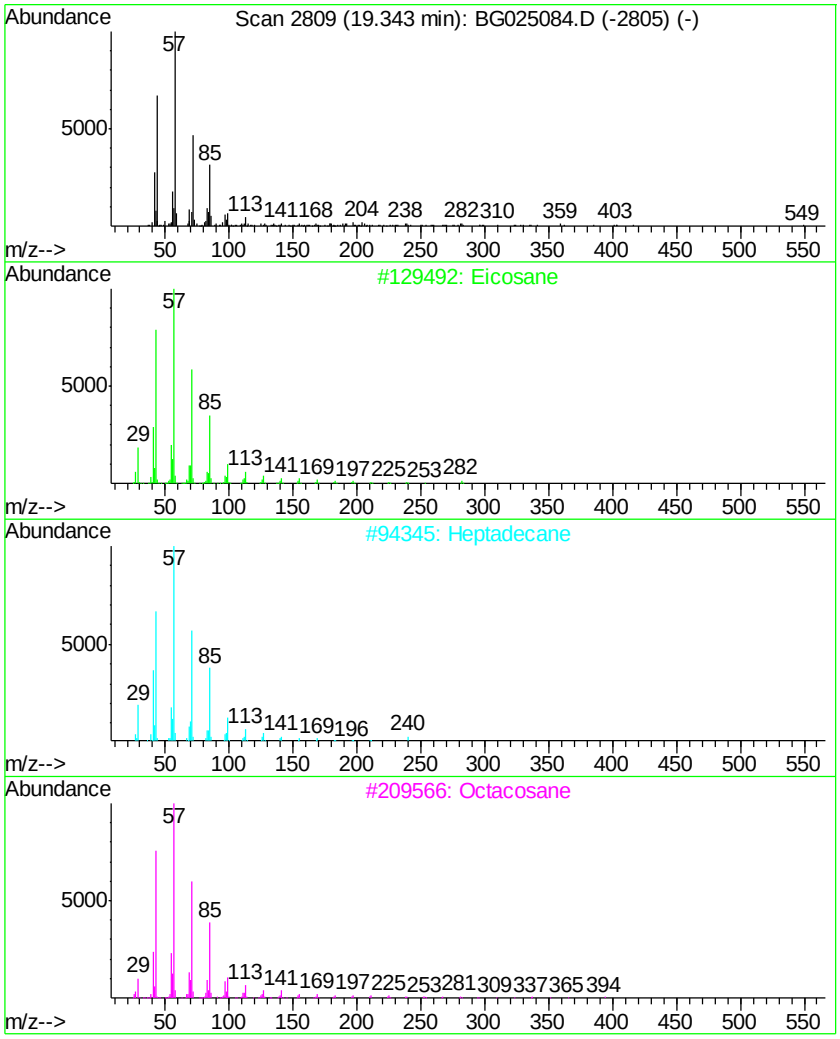
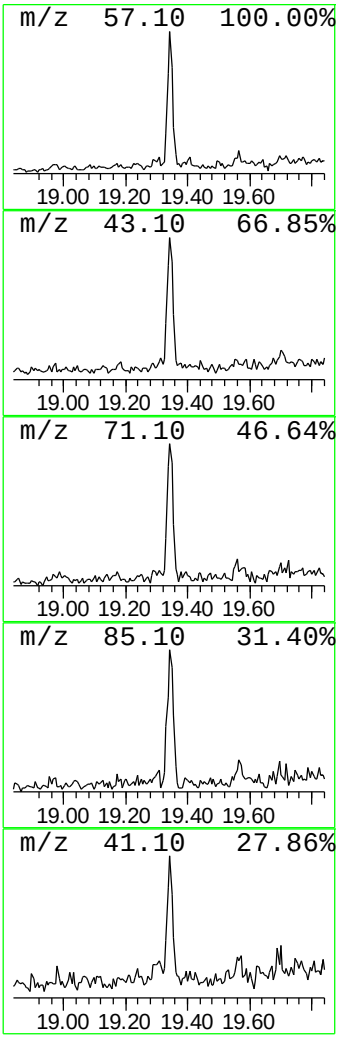
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	3.03 ng/ul	228391	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heptadecane	240	C17H36	000629-78-7	81
3	Octacosane	394	C28H58	000630-02-4	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





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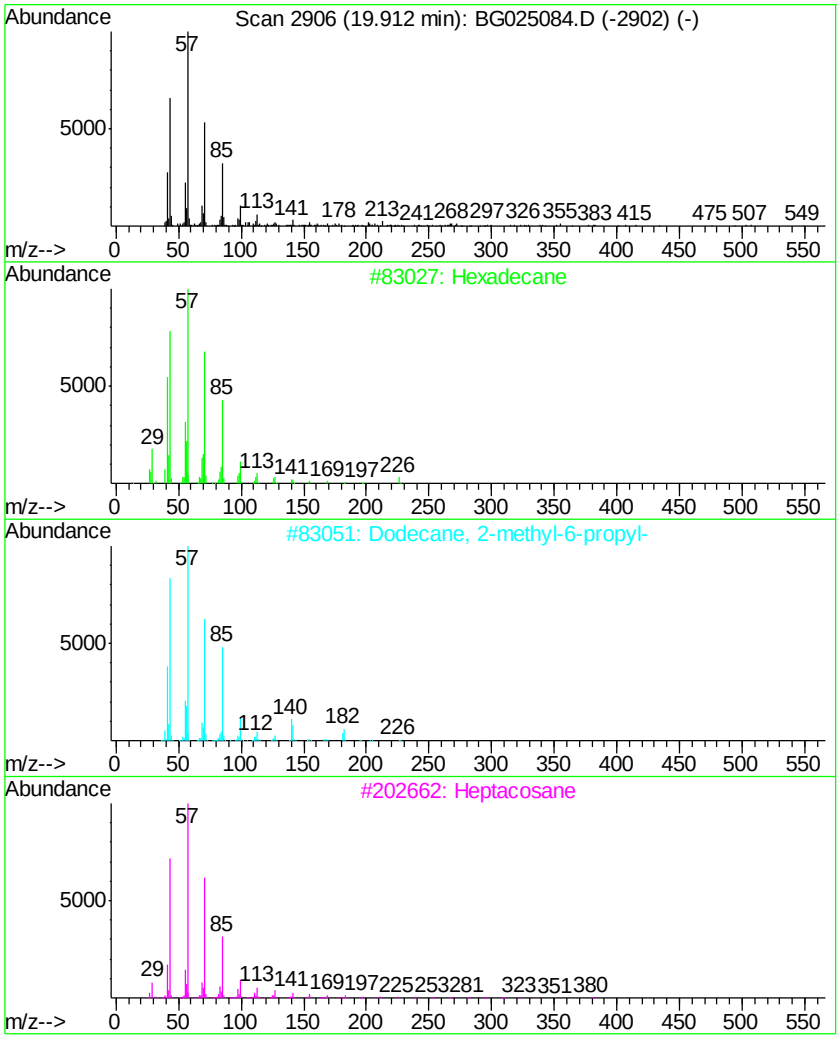
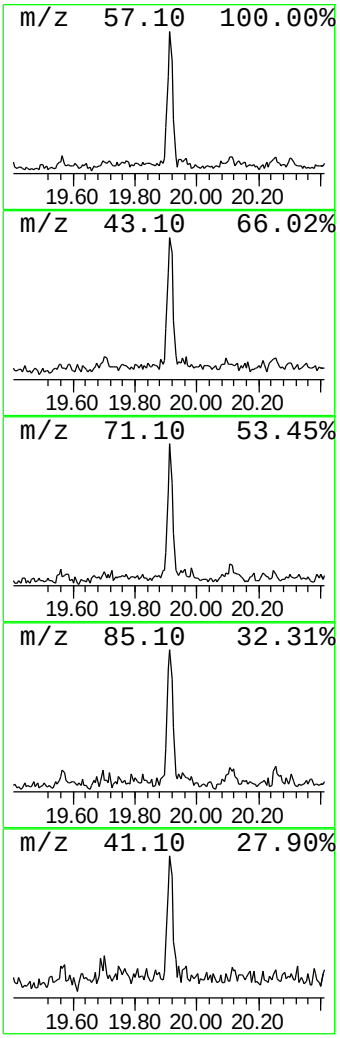
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	2.84 ng/ul	274380	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Heptacosane	380	C27H56	000593-49-7	80
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5	Eicosane	282	C20H42	000112-95-8	80





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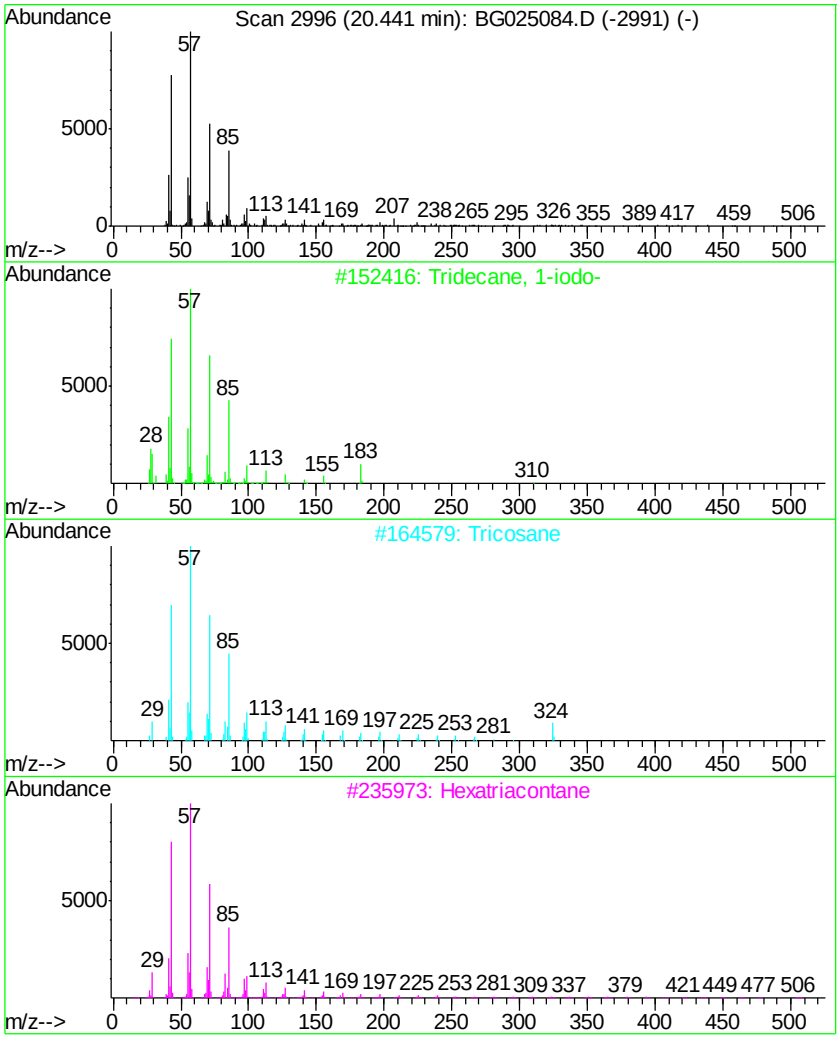
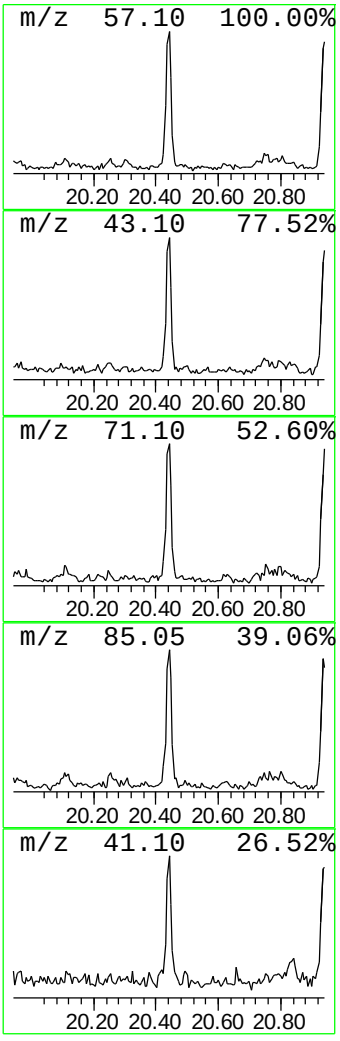
Peak Number 18 Tridecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	3.78 ng/ul	364630	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Tricosane	324	C23H48	000638-67-5	91
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025084.D
Acq On : 11 Dec 2016 1:09
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA815

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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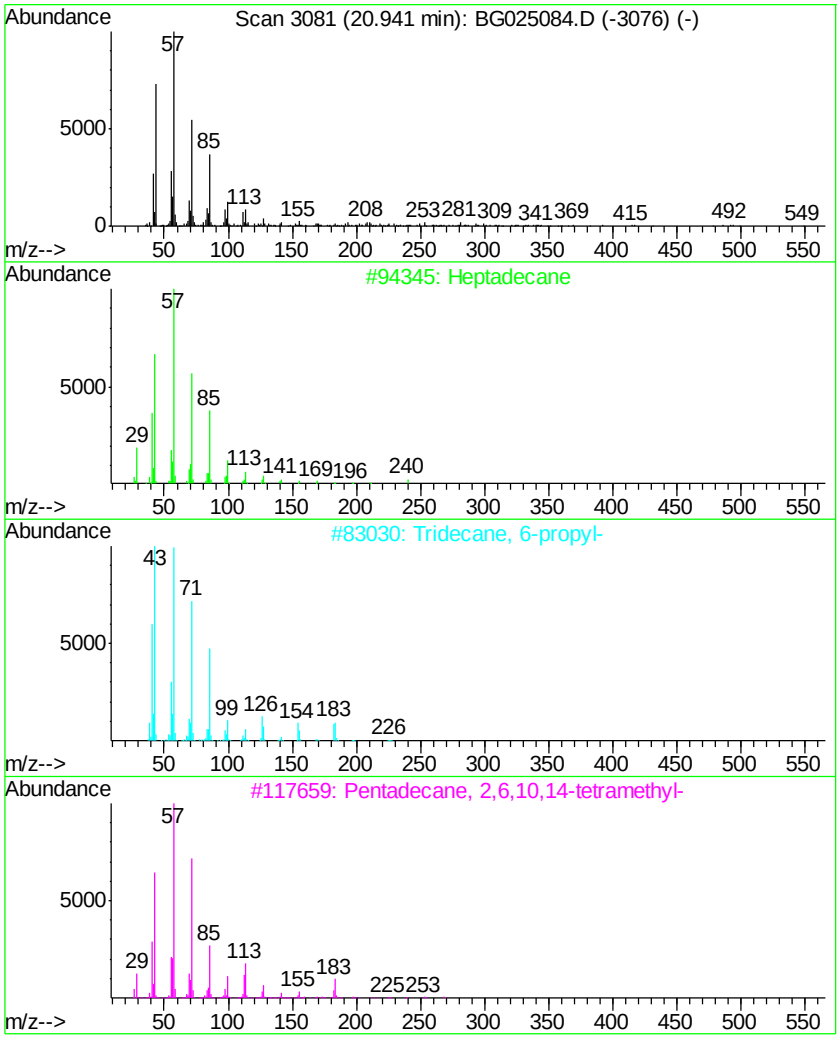
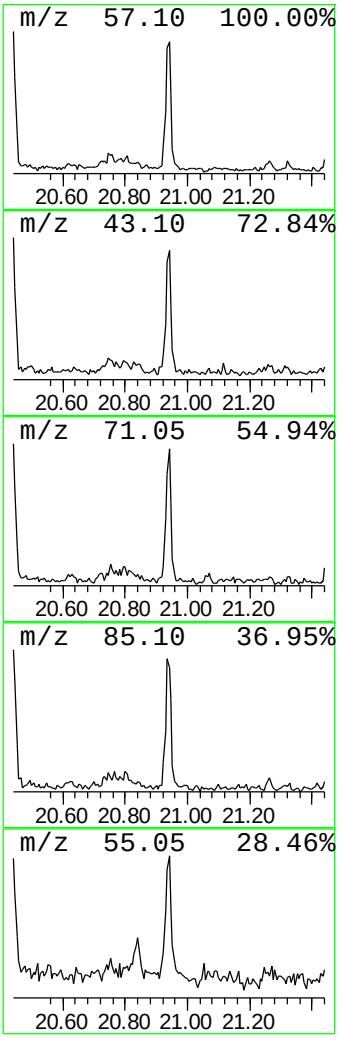
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	5.17 ng/ul	498768	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025084.D
Acq On : 11 Dec 2016 1:09
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA815

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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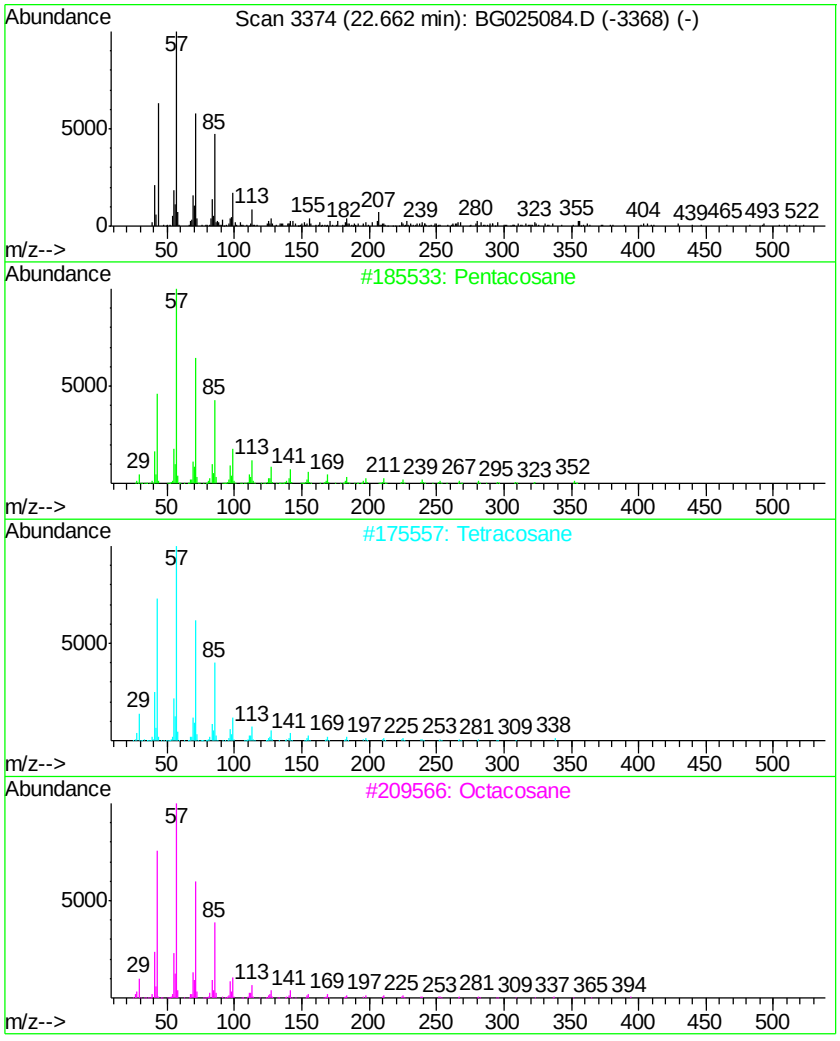
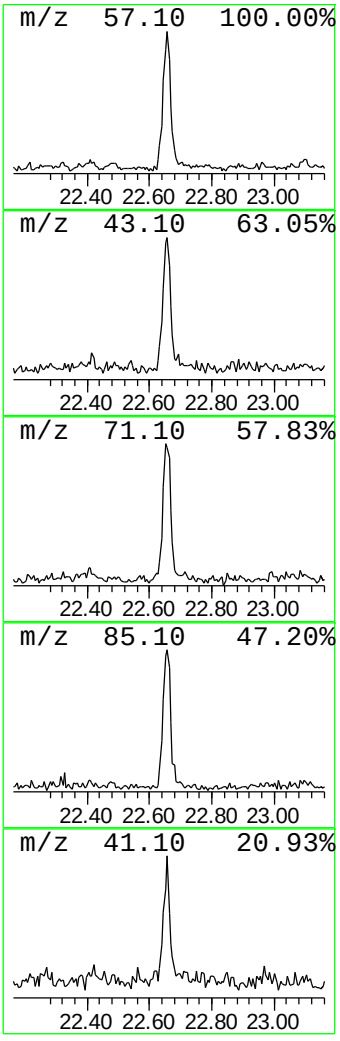
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	3.20 ng/ul	308662	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Tetracosane	338	C24H50	000646-31-1	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Pentacosane	352	C25H52	000629-99-2	87
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025084.D
Acq On : 11 Dec 2016 1:09
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA815

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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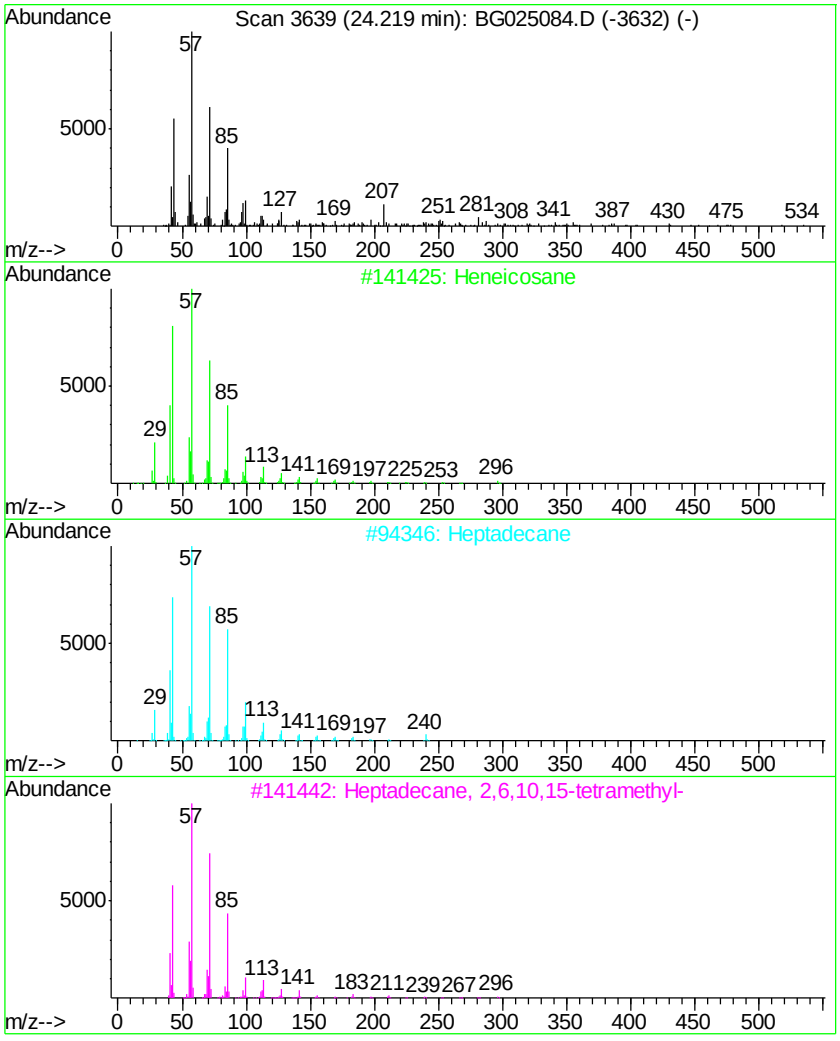
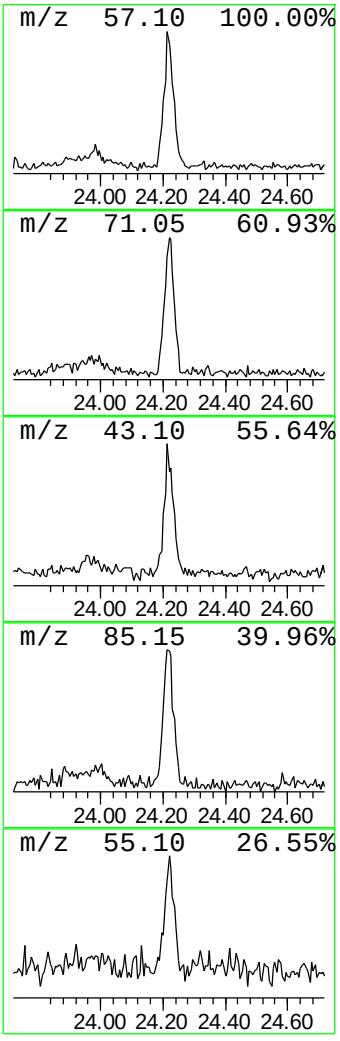
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	4.35 ng/ul	403221	Perylene-d12	25.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	89
2	Heptadecane	240	C17H36	000629-78-7	89
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	76
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025084.D
Acq On : 11 Dec 2016 1:09
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA815

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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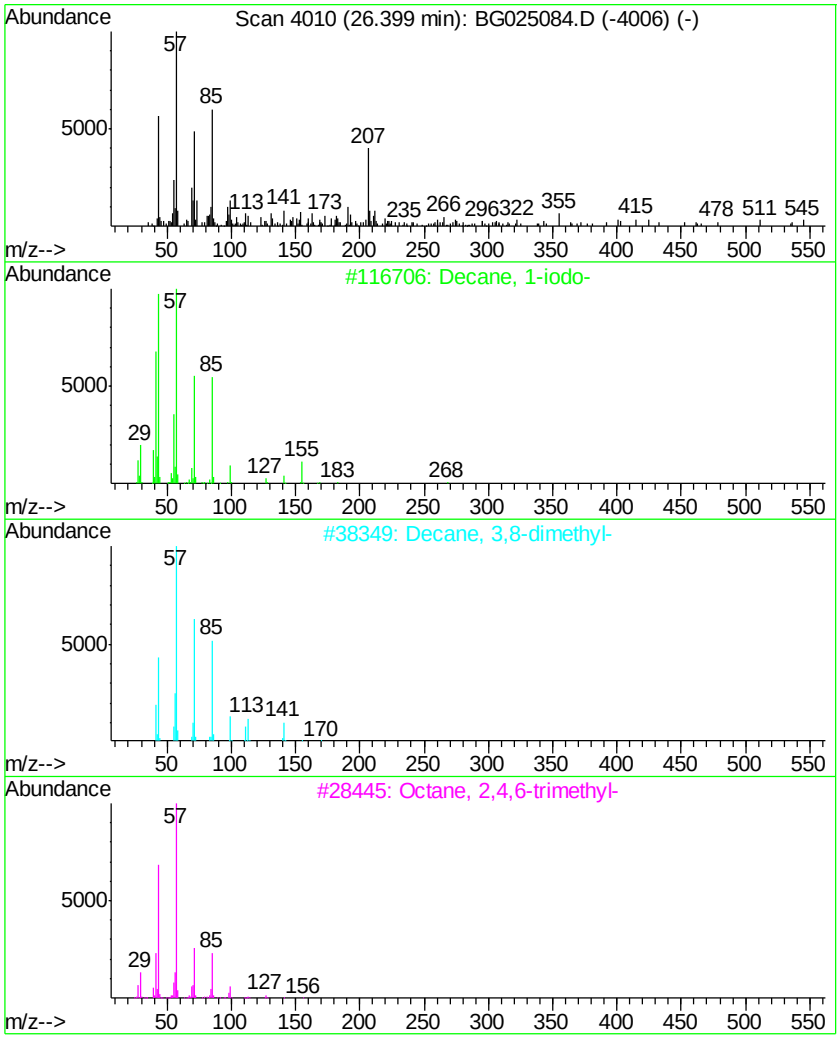
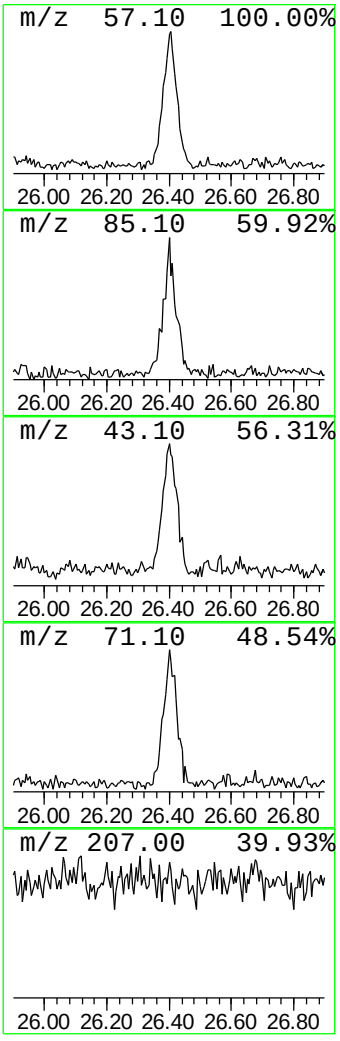
Peak Number 26 Decane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.40	3.55 ng/ul	328793	Perylene-d12	25.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	55
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	49
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	46
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	46
5	Tetracosane	338	C24H50	000646-31-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025084.D
Acq On : 11 Dec 2016 1:09
Operator : UM/SJ
Sample : H5905-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA815

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
4-Octyne	8.51	2.9	ng/ul	72371	1	8.23	493224	20.0
unknown-01	8.87	3.5	ng/ul	85879	1	8.23	493224	20.0
unknown-02	9.34	3.3	ng/ul	81632	1	8.23	493224	20.0
Benzofuran, 2-met...	9.78	3.0	ng/ul	106960	2	11.06	704259	20.0
Phenol, 4-ethyl-	10.49	2.5	ng/ul	86848	2	11.06	704259	20.0
Phenol, 3,4-dimet...	10.52	2.8	ng/ul	99410	2	11.06	704259	20.0
1H-Indazole, 5,7-...	11.29	4.5	ng/ul	159425	2	11.06	704259	20.0
1H-Benzimidazole,...	11.42	3.2	ng/ul	111280	2	11.06	704259	20.0
Benzofuran, 4,7-d...	11.46	6.7	ng/ul	237278	2	11.06	704259	20.0
2,4-Dimethylanisole	11.86	2.3	ng/ul	81081	2	11.06	704259	20.0
2,5,6-Trimethylbe...	12.73	3.6	ng/ul	126174	2	11.06	704259	20.0
(DEL) Alkane: Str...	16.51	2.4	ng/ul	178120	4	17.60	1505240	20.0
(DEL) Alkane: Cyc...	17.93	32.8	ng/ul	2471770	4	17.60	1505240	20.0
n-Hexadecanoic acid	18.44	3.2	ng/ul	239796	4	17.60	1505240	20.0
(DEL) Alkane: Str...	19.34	3.0	ng/ul	228391	4	17.60	1505240	20.0
(DEL) Alkane: Str...	19.91	2.8	ng/ul	274380	5	21.89	1930960	20.0
Tridecane, 1-iodo-	20.44	3.8	ng/ul	364630	5	21.89	1930960	20.0
(DEL) Alkane: Str...	20.94	5.2	ng/ul	498768	5	21.89	1930960	20.0
(DEL) Alkane: Str...	22.66	3.2	ng/ul	308662	5	21.89	1930960	20.0
(DEL) Alkane: Str...	24.22	4.3	ng/ul	403221	6	25.29	1851920	20.0
Decane, 1-iodo-	26.40	3.5	ng/ul	328793	6	25.29	1851920	20.0