LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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	3.169	53	56	62	rVB3	22184	32342	1.49%	0.088%
2	3.821	161	167	173	rVV	84867	125706	5.77%	0.343%
3	3.998	192	197	203	rBV	28794	37745	1.73%	0.103%
4	5.678	479	483	493	rVV4	24169	64997	2.98%	0.178%
5	6.054	541	547	554	rVB	34554	66706	3.06%	0.182%
6	7.029	704	713	718	rBV6	33782	74193	3.41%	0.203%
7	7.129	725	730	735	rVV2	27070	44146	2.03%	0.121%
8	7.200	735	742	749	rVV	163249	305300	14.02%	0.834%
9	7.265	749	753	759	rVB2	31755	57000	2.62%	0.156%
10	7.364	762	770	776	rBV	131224	233643	10.73%	0.638%
11	7.429	776	781	786	rVB2	22087	38558	1.77%	0.105%
12	7.570	799	805	816	rVV	147352	279361	12.83%	0.763%
13	7.688	816	825	831	rVV2	67587	128880	5.92%	0.352%
14	7.928	861	866	875	rBV10	14621	37539	1.72%	0.103%
15	8.040	877	885	895	rVV	332939	593236	27.24%	1.620%
16	8.163	901	906	912	rVB3	30329	56662	2.60%	0.155%
17	8.534	964	969	973	rBV6	17963	32463	1.49%	0.089%
18	8.592	973	979	983	rBV4	35834	64498	2.96%	0.176%
19	8.681	989	994	998	rBV	43466	76146	3.50%	0.208%
20	8.739	1000	1004	1012	rVB3	83514	141252	6.49%	0.386%
21	9.045	1052	1056	1063	rVB3	27350	44635	2.05%	0.122%
22	9.151	1066	1074	1077	rBV2	58409	116363	5.34%	0.318%
23	9.198	1077	1082	1089	rVV	142752	257224	11.81%	0.703%
24	9.268	1092	1094	1098	rVV2	32723	41319	1.90%	0.113%
25	9.403	1112	1117	1123	rVB8	28560	60316	2.77%	0.165%
26	9.527	1134	1138	1143	rVB8	15632	31872	1.46%	0.087%
27	9.679	1158	1164	1168	rBV3	34773	56914	2.61%	0.155%
28	9.732	1168	1173	1177	rBV5	34639	63642	2.92%	0.174%
29	9.920	1198	1205	1211	rBV4	139433	274265	12.59%	0.749%
30	9.979	1211	1215	1219	rVB7	24669	38718	1.78%	0.106%
31	10.032	1219	1224	1231	rBV7	39370	99744	4.58%	0.272%
32	10.191	1248	1251	1255	rBV4	24594	38376	1.76%	0.105%
33	10.255	1256	1262	1268	rVV6	45289	108315	4.97%	0.296%
34	10.314	1269	1272	1277	rVB5	28452	43303	1.99%	0.118%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

35	10.467	1288	1298	1305	rVB	193785	367150	16.86%	1.003%
36	10.543	1307	1311	1315	rBV2	29296	49878	2.29%	0.136%
37	10.631	1321	1326	1330	rBV8	16451	29287	1.34%	0.080%
38	10.708	1334	1339	1352	rBV9	52585	149337	6.86%	0.408%
39	10.849	1353	1363	1369	rBV	471347	968238	44.46%	2.644%
40	10.972	1379	1384	1388	rBV2	100993	206171	9.47%	0.563%
41	11.007	1388	1390	1395	rVB	102040	126579	5.81%	0.346%
42	11.072	1395	1401	1405	rBV5	33345	63425	2.91%	0.173%
43	11.225	1418	1427	1429	rBV9	23766	58957	2.71%	0.161%
44	11.260	1429	1433	1439	rVV6	32115	79175	3.64%	0.216%
45	11.342	1445	1447	1452	rVB5	41965	59177	2.72%	0.162%
46	11.512	1472	1476	1478	rVV4	26709	40202	1.85%	0.110%
47	11.554	1479	1483	1490	rVV7	51495	116141	5.33%	0.317%
48	11.618	1490	1494	1499	rVB6	34192	63659	2.92%	0.174%
49	11.683	1500	1505	1510	rBV6	49583	89013	4.09%	0.243%
50	11.759	1515	1518	1526	rVB7	63370	130486	5.99%	0.356%
51	11.871	1532	1537	1541	rBV	173957	277292	12.73%	0.757%
52	11.953	1546	1551	1557	rVB7	46610	98077	4.50%	0.268%
53	12.035	1563	1565	1573	rVB7	20599	42656	1.96%	0.117%
54	12.135	1578	1582	1586	rVV4	44179	63040	2.89%	0.172%
55	12.259	1599	1603	1607	rBV3	56287	85312	3.92%	0.233%
56	12.400	1624	1627	1630	rVB5	22734	30147	1.38%	0.082%
57	12.576	1653	1657	1663	rBV8	34566	82393	3.78%	0.225%
58	12.711	1676	1680	1690	rVB8	38174	88309	4.05%	0.241%
59	12.887	1708	1710	1714	rVB4	51577	54611	2.51%	0.149%
60	13.211	1760	1765	1771	rVB	307658	438960	20.16%	1.199%
61	13.275	1771	1776	1780	rBV8	46675	90160	4.14%	0.246%
62	13.493	1804	1813	1821	rBV9	150428	473656	21.75%	1.294%
63	13.592	1826	1830	1838	rVV6	65521	186970	8.58%	0.511%
64	13.657	1838	1841	1846	rVB3	133748	185648	8.52%	0.507%
65	13.839	1865	1872	1877	rBV7	50394	143294	6.58%	0.391%
66	13.886	1877	1880	1884	rVB6	50135	60406	2.77%	0.165%
67	13.933	1886	1888	1891	rBV3	40399	45604	2.09%	0.125%
68	13.992	1895	1898	1900	rBV4	62789	84589	3.88%	0.231%
69	14.068	1906	1911	1914	rBV	310118	471437	21.65%	1.288%
70	14.104	1914	1917	1922	rVV2	250482	518135	23.79%	1.415%
71	14.151	1922	1925	1929	rVB	527464	647287	29.72%	1.768%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

72	14.198	1929	1933	1942	rVB10	82090	173683	7.97%	0.474%
73	14.321	1952	1954	1956	rBV3	49750	46207	2.12%	0.126%
74	14.362	1957	1961	1966	rVB	379322	528141	24.25%	1.442%
75	14.415	1966	1970	1972	rBV5	80874	129630	5.95%	0.354%
76	14.503	1981	1985	1991	rVB2	290555	465618	21.38%	1.272%
77	14.562	1991	1995	2002	rBV4	170655	375004	17.22%	1.024%
78	14.668	2004	2013	2020	rVV2	742489	1531597	70.32%	4.183%
79	15.067	2078	2081	2086	rVB2	152525	206590	9.49%	0.564%
80	15.191	2097	2102	2106	rBV3	257813	408832	18.77%	1.117%
81	15.461	2145	2148	2151	rBV2	113492	129576	5.95%	0.354%
82	15.655	2178	2181	2186	rVB	395192	549636	25.24%	1.501%
83	15.919	2222	2226	2237	rVB	622434	962881	44.21%	2.630%
84	16.401	2300	2308	2313	rBV	1268694	2177887	100.00%	5.948%
85	17.223	2444	2448	2457	rVB	828012	1271061	58.36%	3.472%
86	17.411	2476	2480	2484	rBV	788093	1160660	53.29%	3.170%
87	17.505	2493	2496	2506	rVB2	402358	702470	32.25%	1.919%
88	18.481	2657	2662	2667	rVB2	1167889	1601111	73.52%	4.373%
89	18.540	2668	2672	2676	rVB2	649018	831953	38.20%	2.272%
90	18.763	2706	2710	2715	rBV3	373556	533108	24.48%	1.456%
91	19.292	2797	2800	2802	rBV	704774	842759	38.70%	2.302%
92	19.321	2802	2805	2813	rVB3	1152741	1790367	82.21%	4.890%
93	19.521	2835	2839	2843	rBV2	754387	1004900	46.14%	2.745%
94	19.597	2848	2852	2859	rVB	1353493	2000694	91.86%	5.464%
95	19.662	2860	2863	2868	rVV2	752905	925649	42.50%	2.528%
96	19.797	2883	2886	2888	rBV3	376755	501180	23.01%	1.369%
97	20.044	2925	2928	2935	rVB2	1482309	1938012	88.99%	5.293%
98	20.308	2970	2973	2976	rVB2	582379	649990	29.84%	1.775%
99	20.355	2979	2981	2984	rVB	729118	684622	31.44%	1.870%
100	21.571	3185	3188	3197	rVB	1253004	1959233	89.96%	5.351%

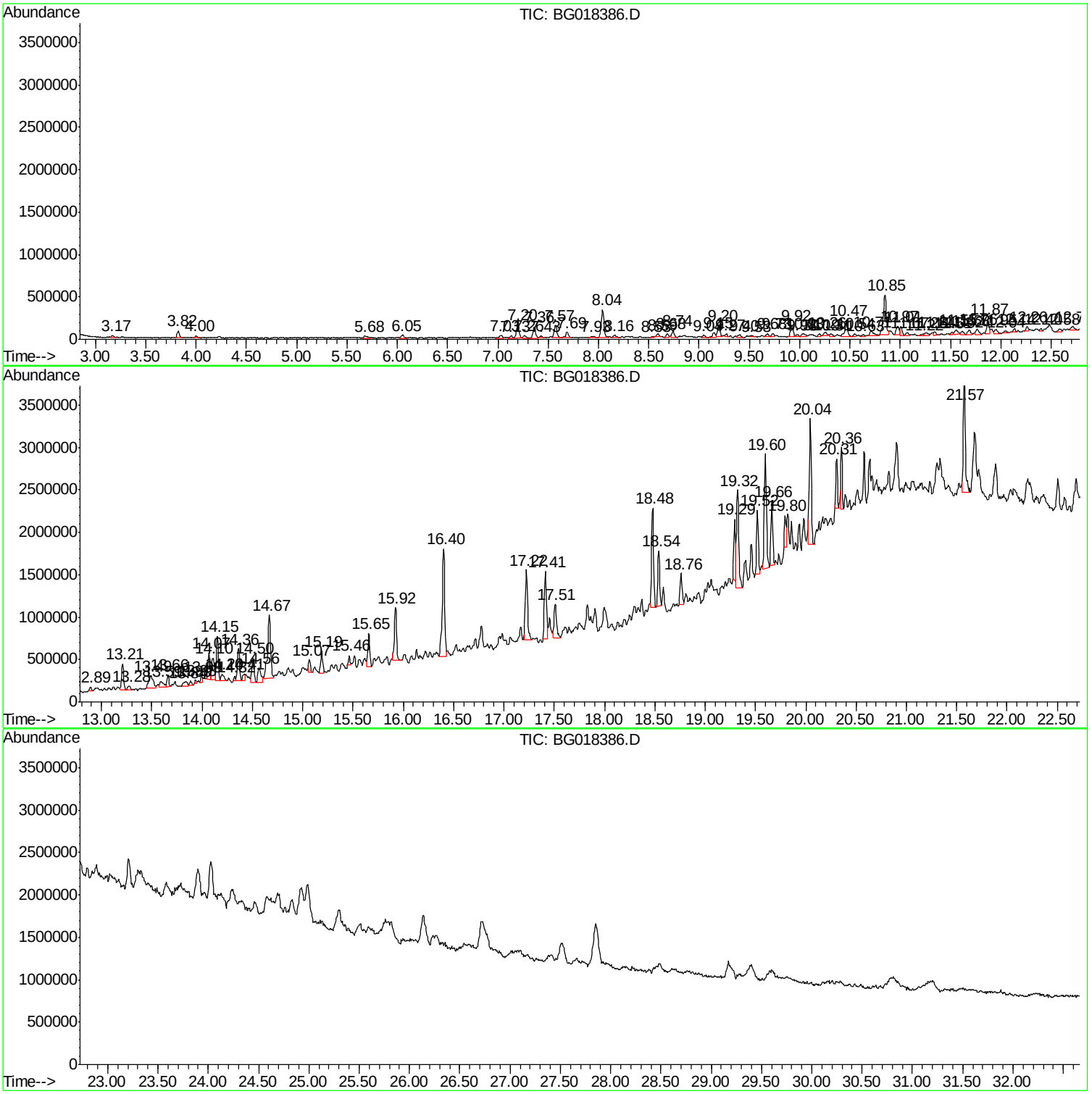
Sum of corrected areas: 36613288

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

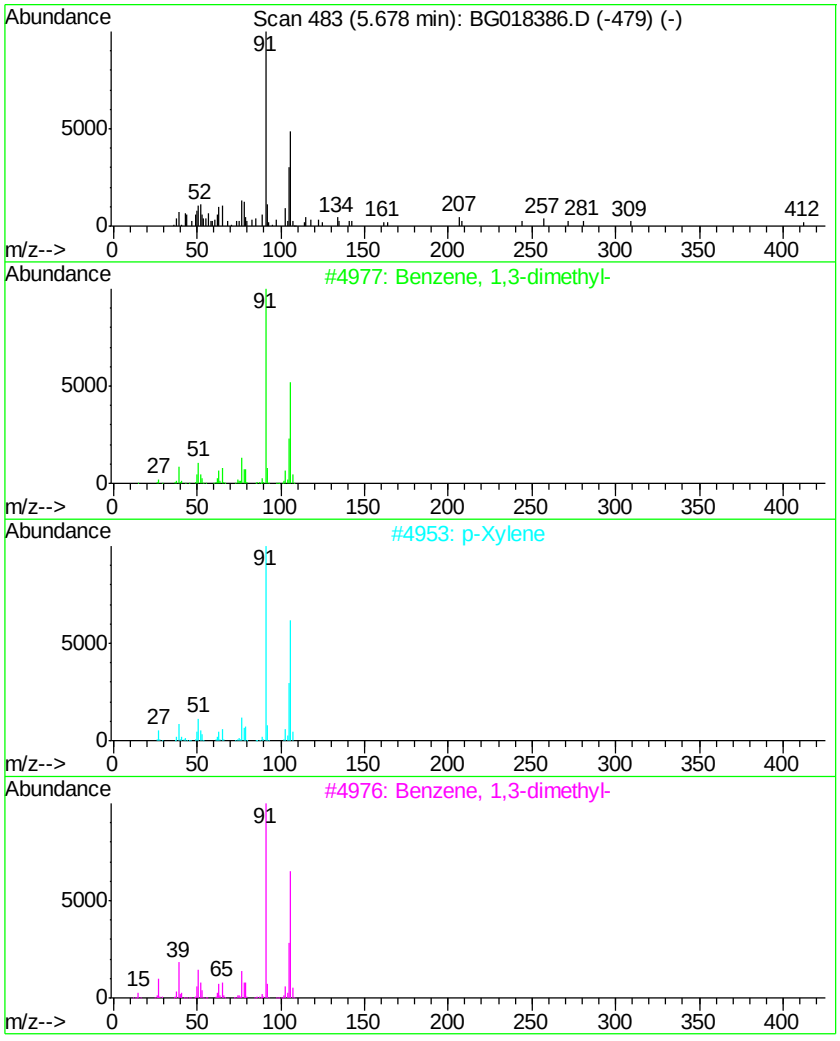
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

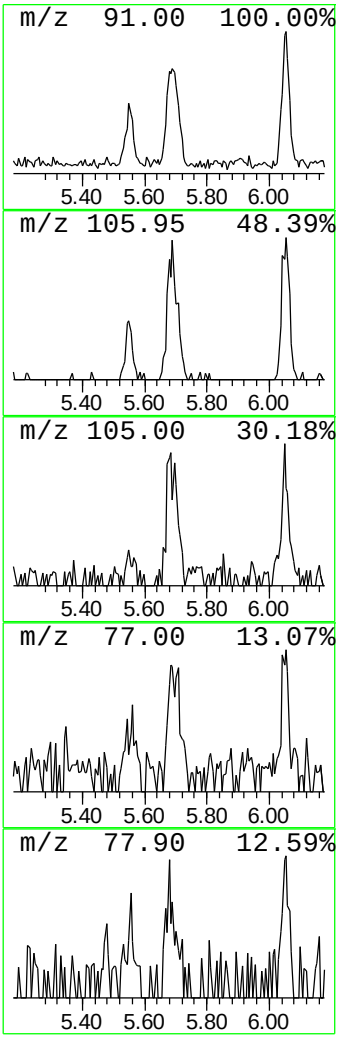
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	2.19 ng/ul	64997	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	87
2	p-Xylene	106	C8H10	000106-42-3	87
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	80
4	p-Xylene	106	C8H10	000106-42-3	80
5	p-Xylene	106	C8H10	000106-42-3	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

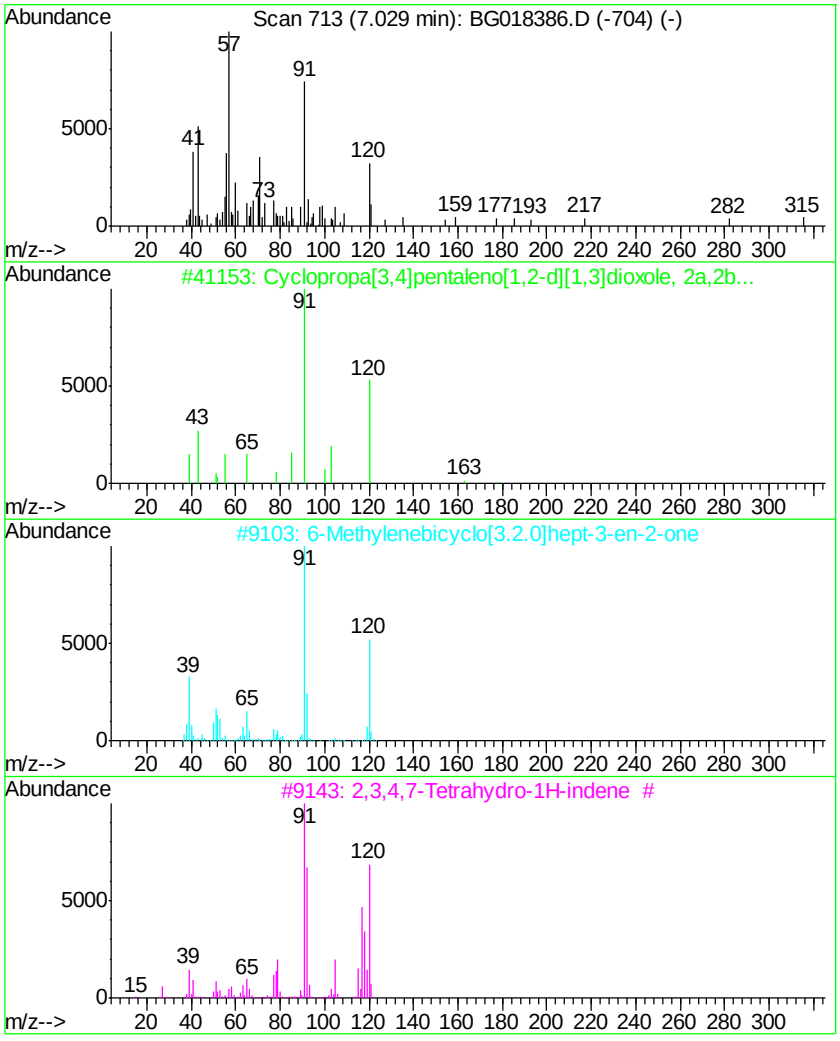
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

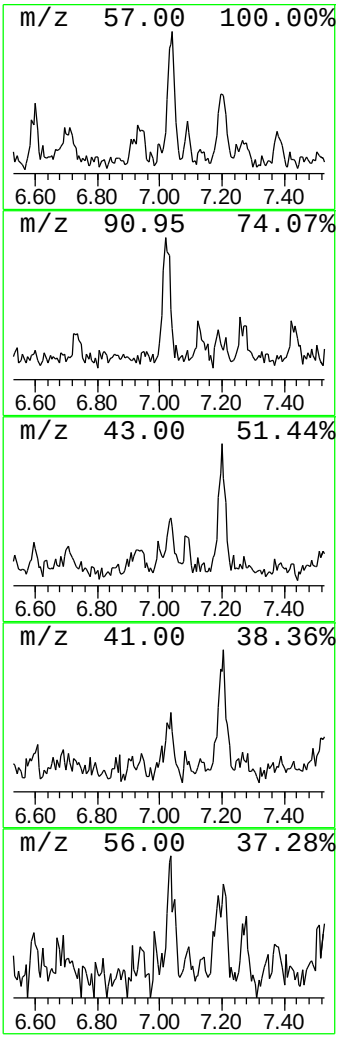
****

Peak Number 4 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	2.50 ng/ul	74193	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropa[3,4]pentaleno[1,2-d][...	178	C11H14O2	063456-13-3	27
2	6-Methylenebicyclo[3.2.0]hept-3-...	120	C8H8O	1000211-11-9	22
3	2,3,4,7-Tetrahydro-1H-indene #	120	C9H12	007603-37-4	16
4	1-Nitro-2-acetamido-1,2-dideoxy-...	252	C8H16N2O7	1000126-98-2	16
5	Benzene, propyl-	120	C9H12	000103-65-1	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

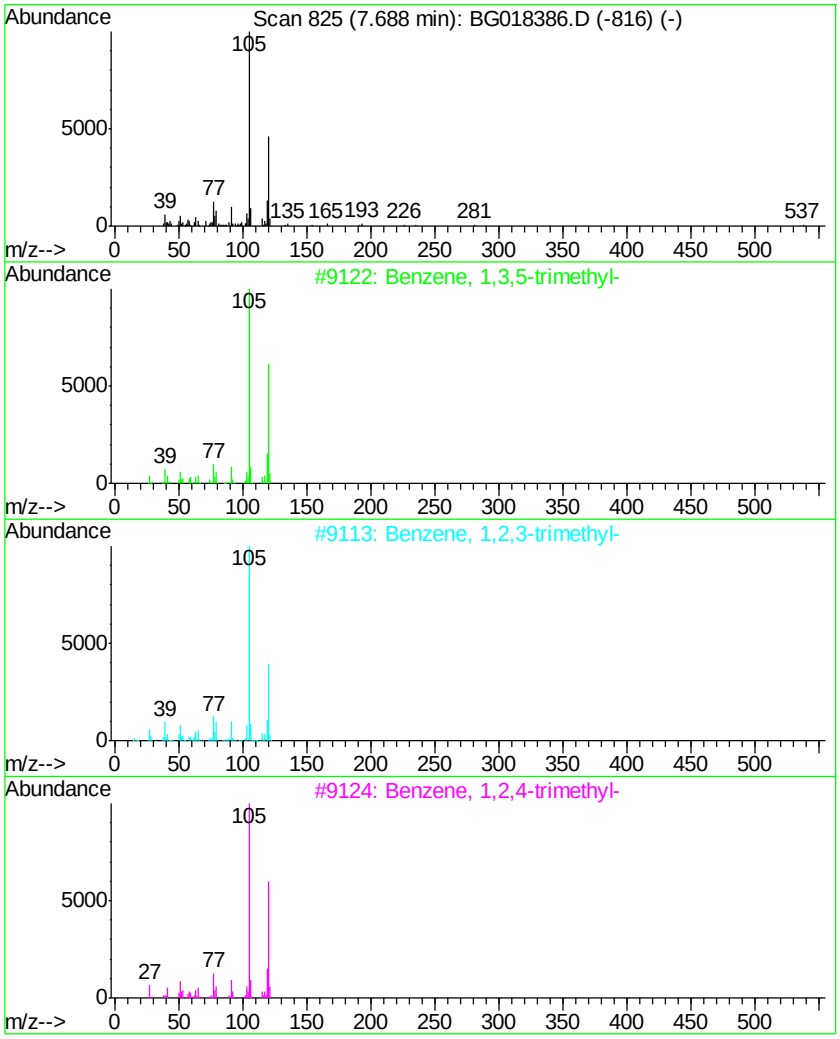
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

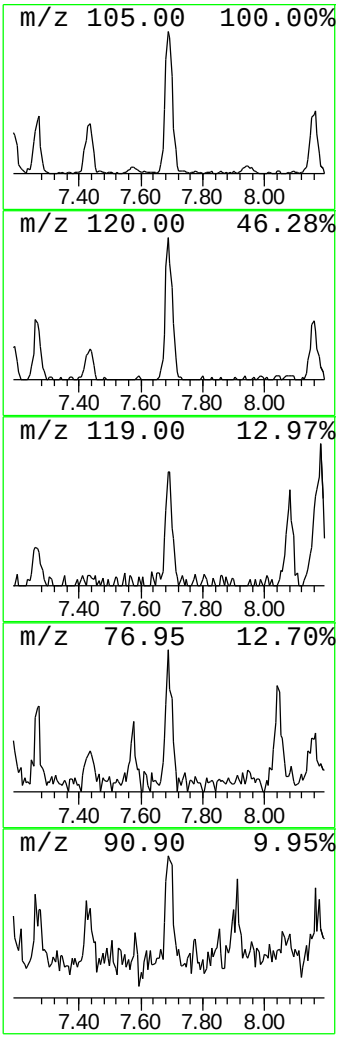
****

Peak Number 5 Benzene, 1,3,5-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	4.34 ng/ul	128880	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

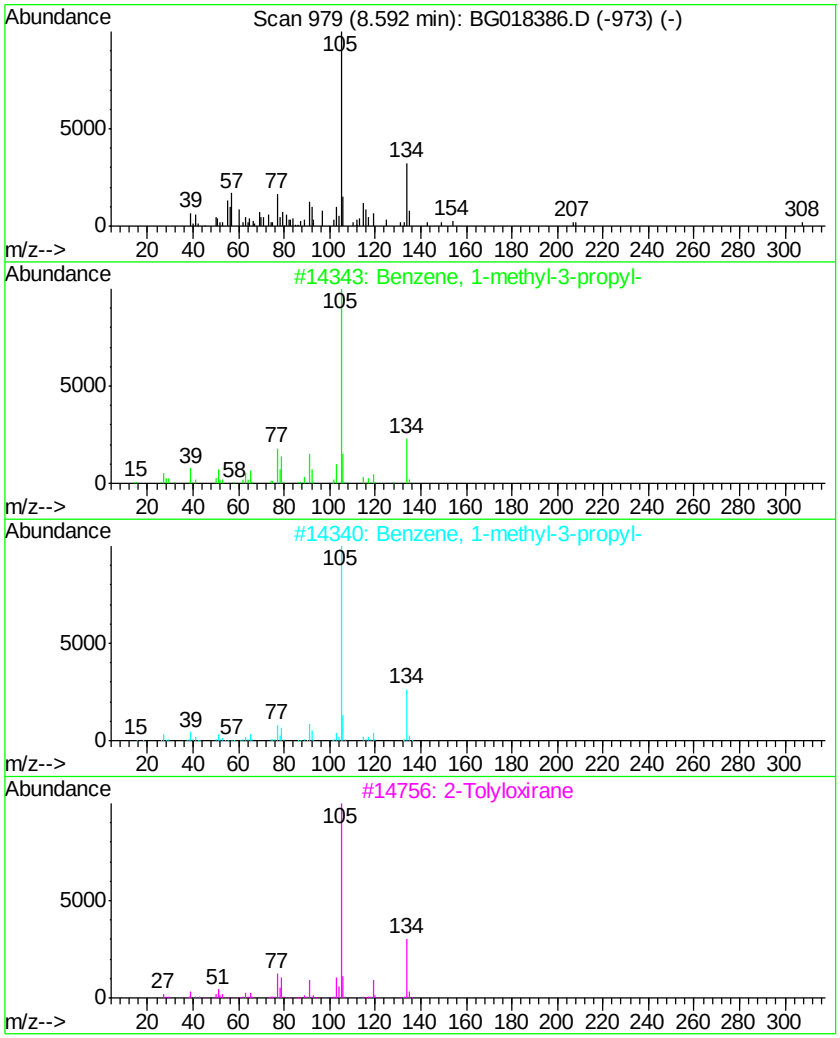
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

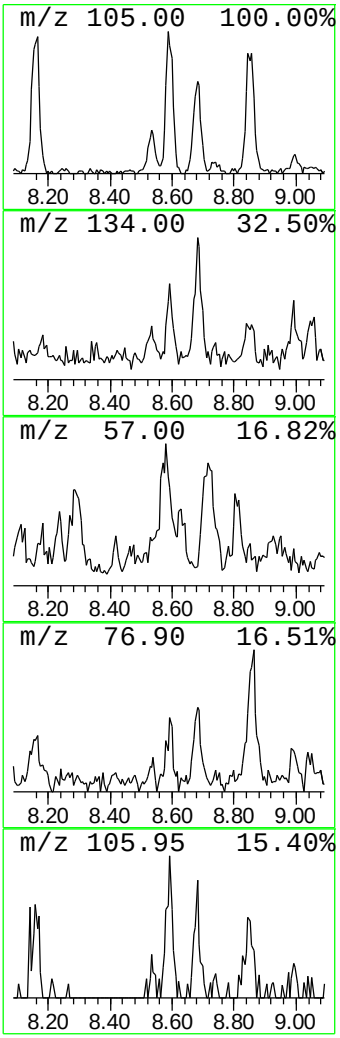
****

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	2.17 ng/ul	64498	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	72
3	2-Tolyloxirane	134	C9H10O	002783-26-8	62
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	59
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

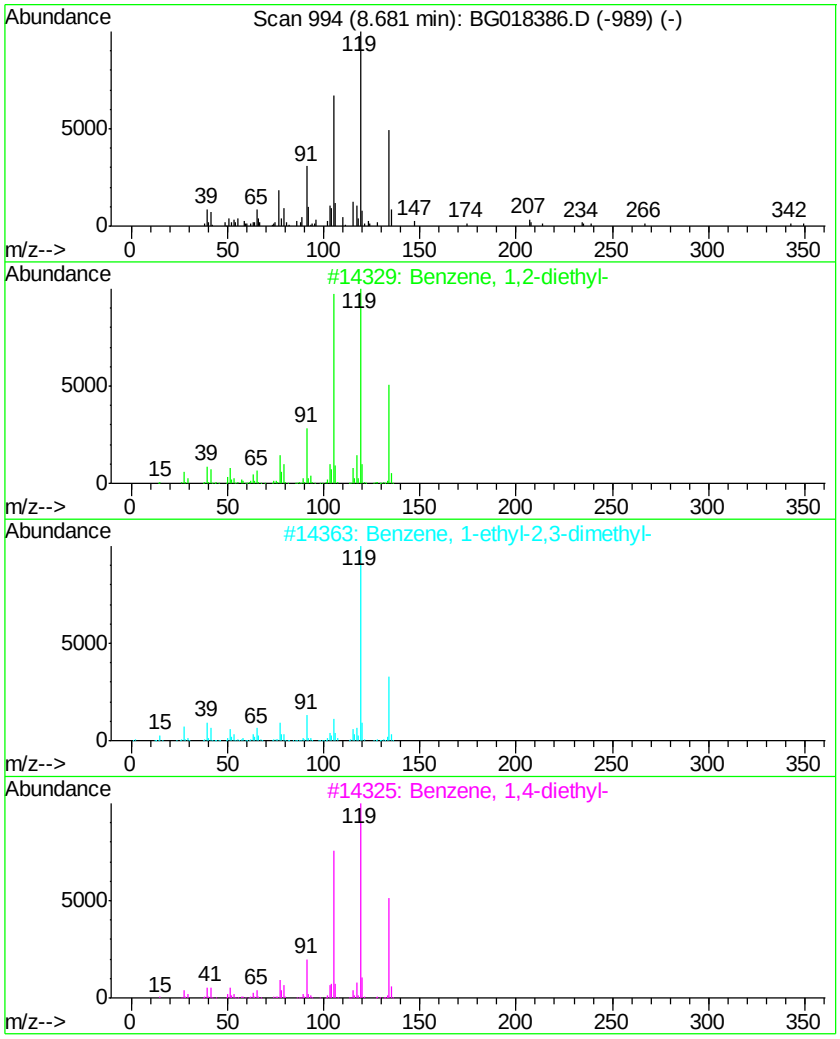
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

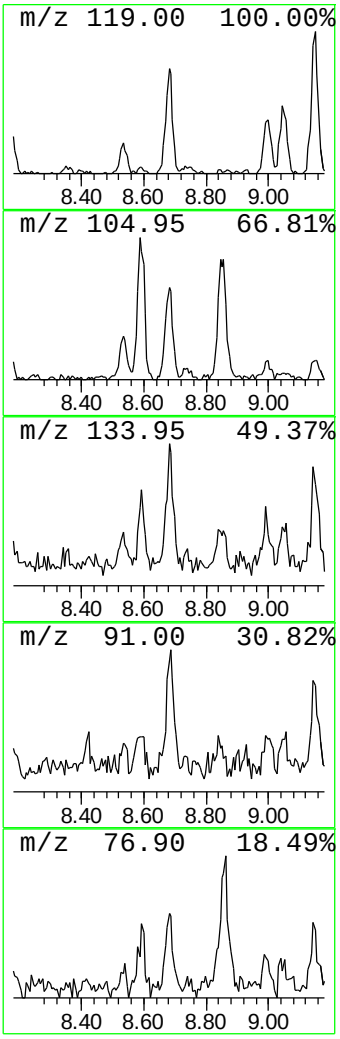
****

Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	2.57 ng/ul	76146	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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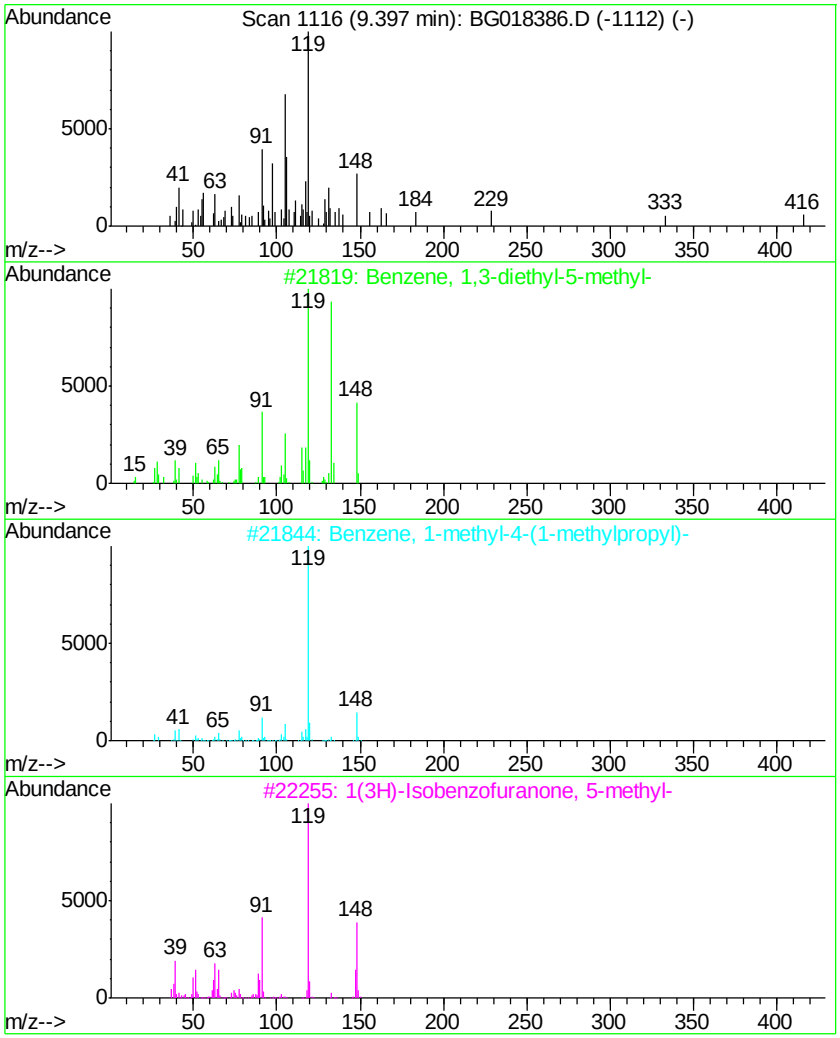
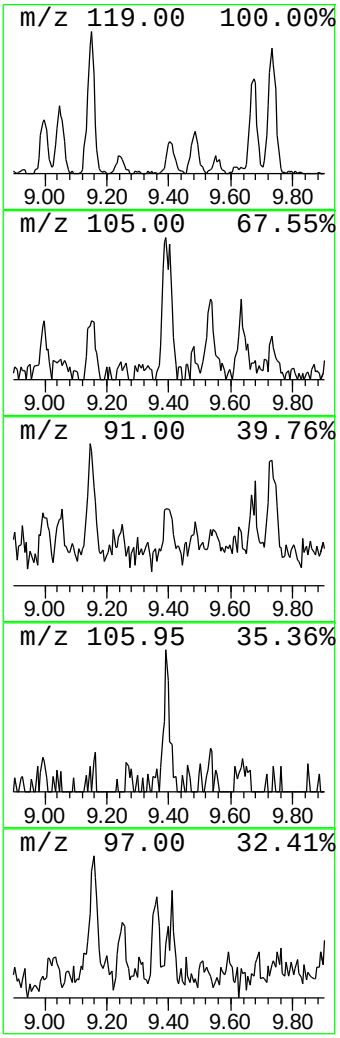
Peak Number 8 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	2.03 ng/ul	60316	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	50
3	1(3H)-Isobenzofuranone, 5-methyl-	148	C9H8O2	054120-64-8	49
4	1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	38
5	4-Aminostyrene	119	C8H9N	001520-21-4	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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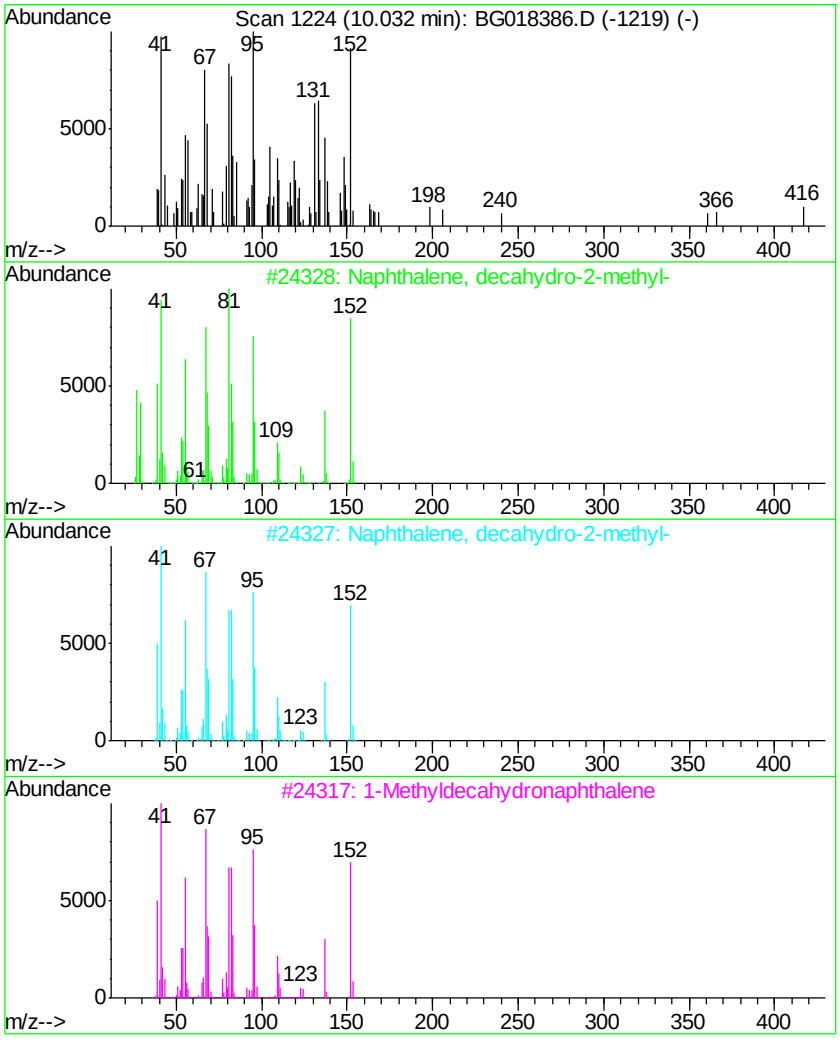
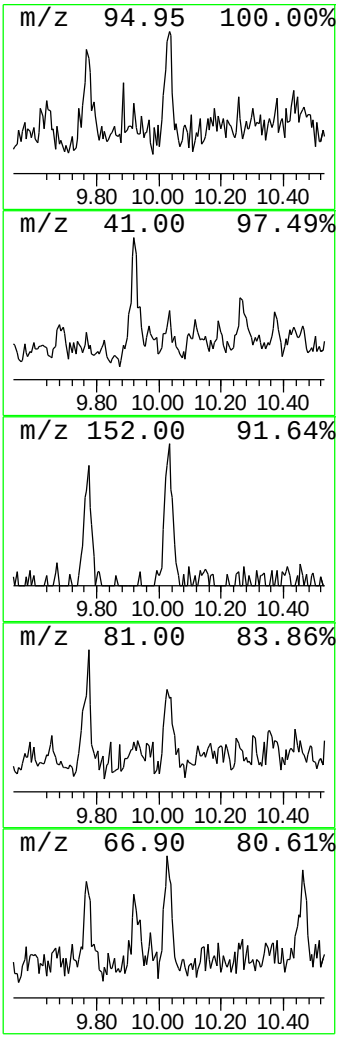
Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	2.06 ng/ul	99744	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	78
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	60
4	Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	55
5	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	49





Library Search Compound Report

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Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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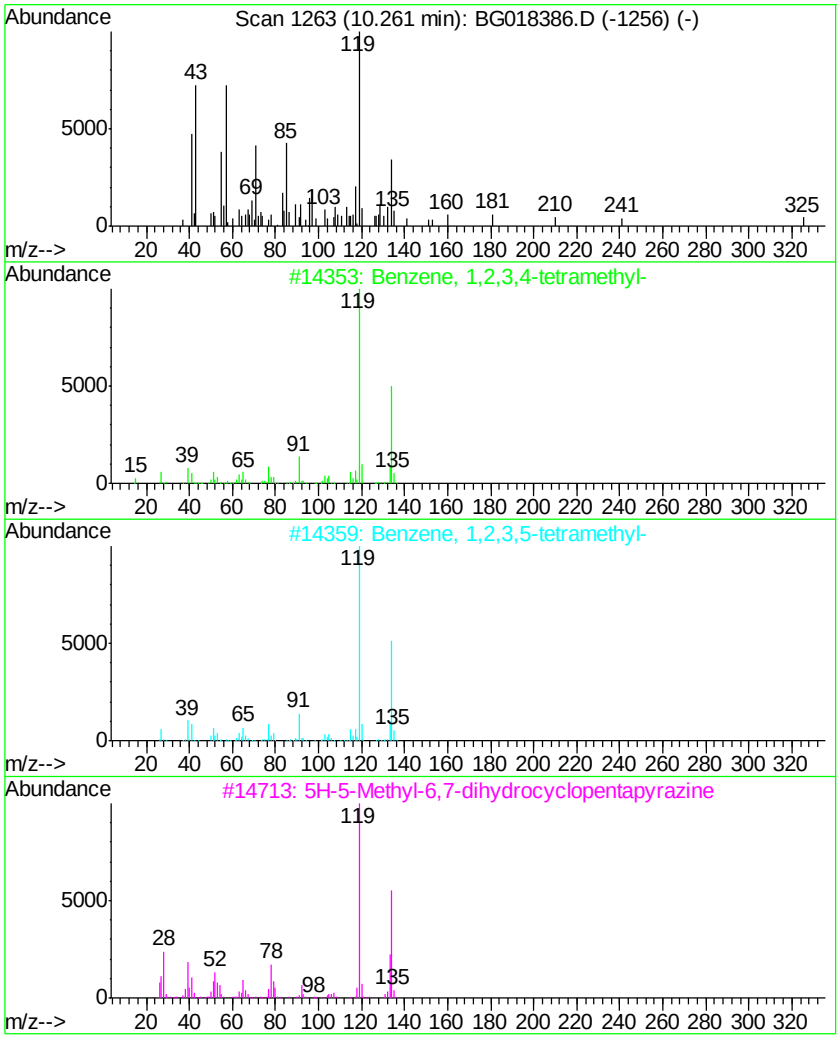
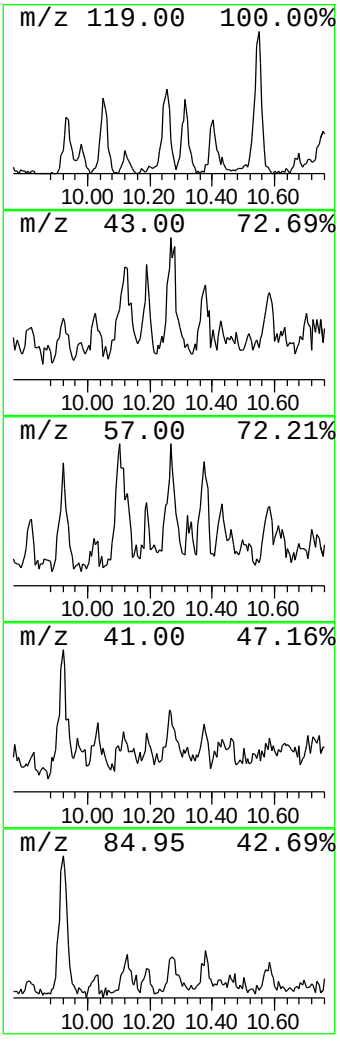
Peak Number 10 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	2.24 ng/ul	108315	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	38
3	5H-5-Methyl-6,7-dihydrocyclopent...	134	C8H10N2	023747-48-0	38
4	Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	38
5	Cinnamyl carbanilate	253	C16H15NO2	025076-44-2	27





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Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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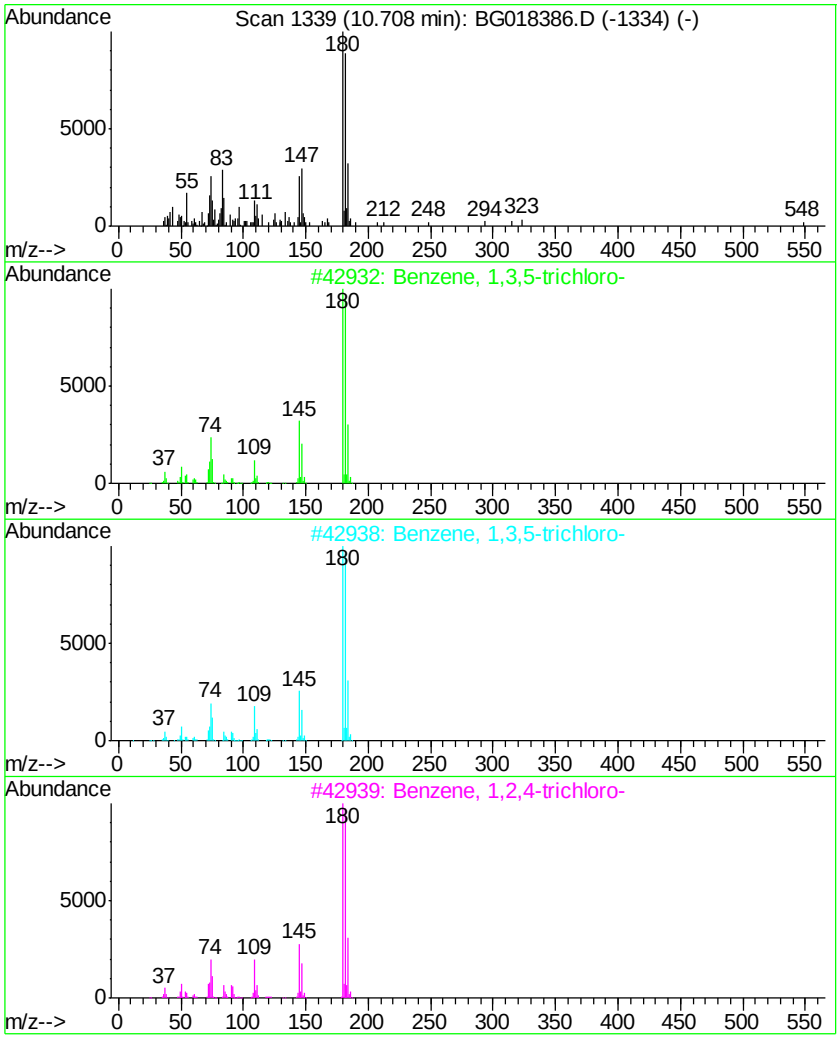
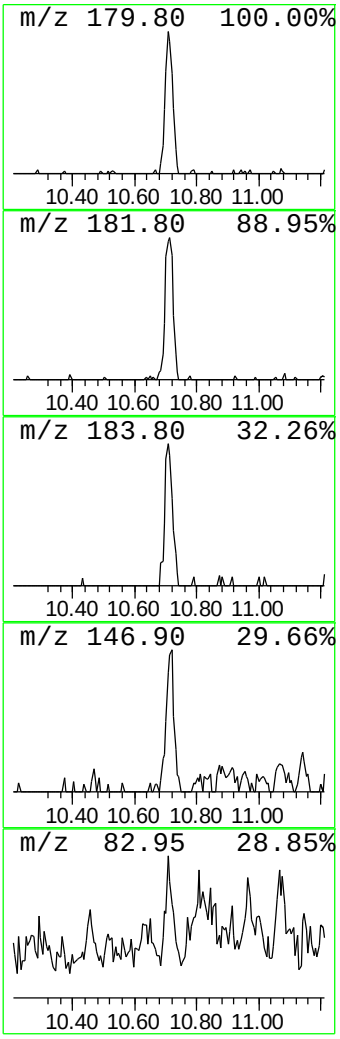
Peak Number 11 Benzene, 1,3,5-trichloro- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	3.08 ng/ul	149337	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	94
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	93
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	93
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	93
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	90





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Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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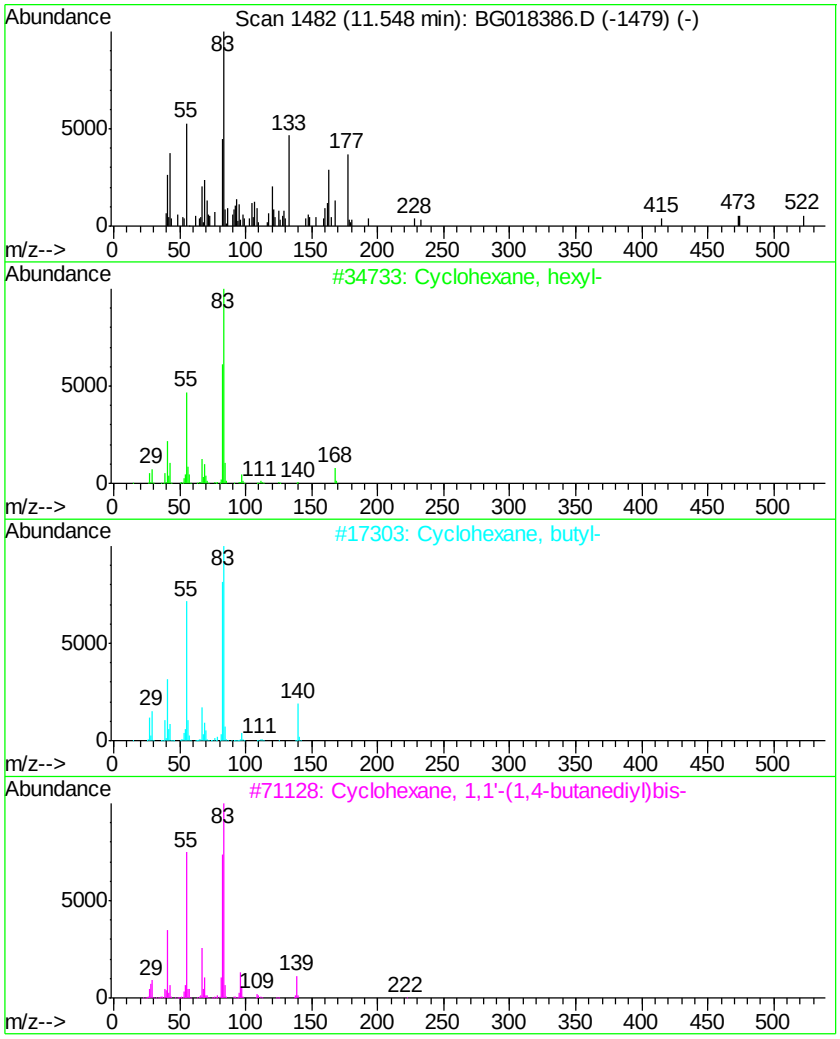
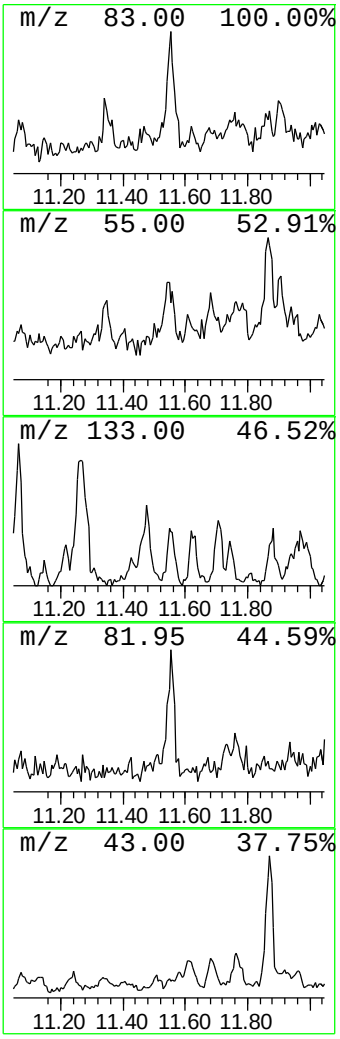
Peak Number 12 (DEL) Alkane: Cyclic11.55 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.40 ng/ul	116141	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	32
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	25
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	25
4	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	25
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	25





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Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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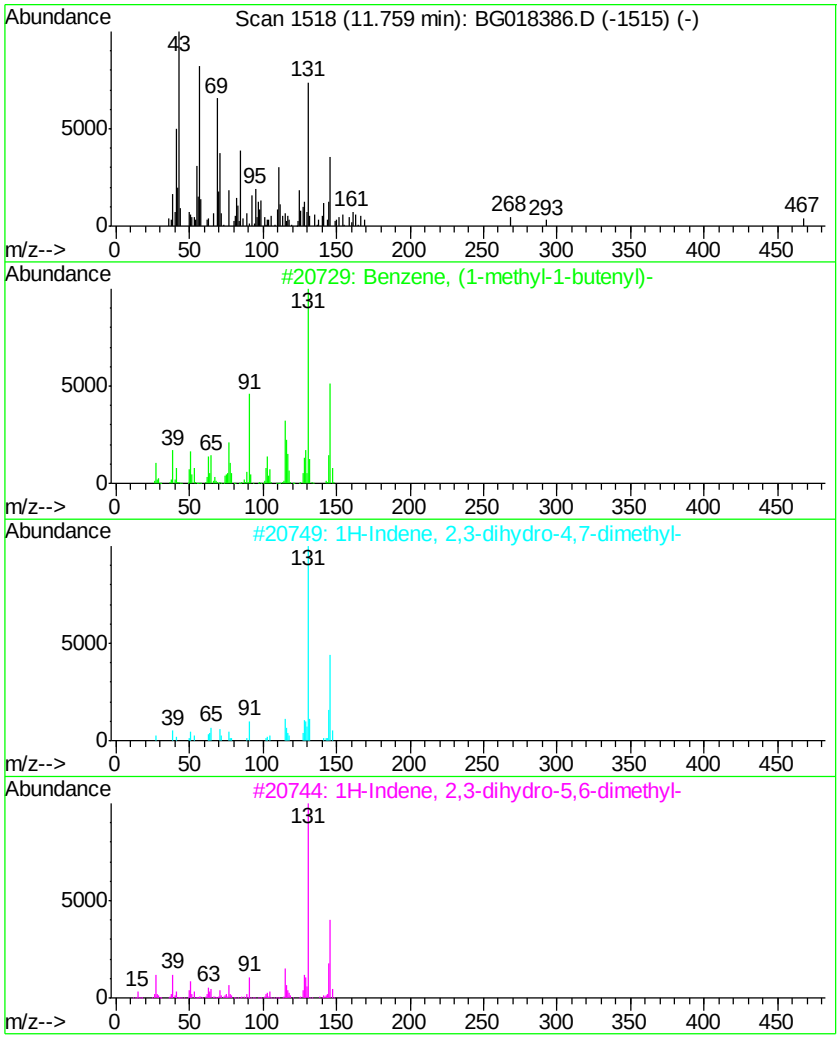
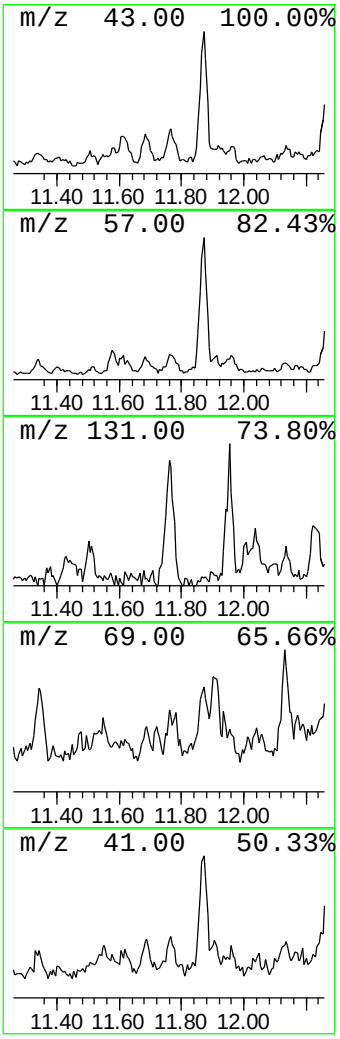
Peak Number 13 unknown-03 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.70 ng/ul	130486	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	43
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	43
4	Nonane	128	C9H20	000111-84-2	25
5	2-Hexen-1-ol, 2-ethyl-	128	C8H16O	050639-00-4	25





Library Search Compound Report

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Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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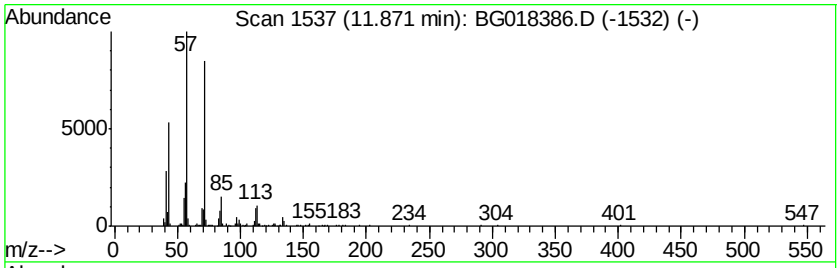
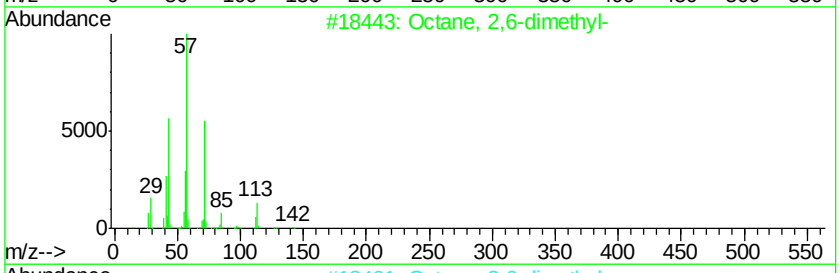
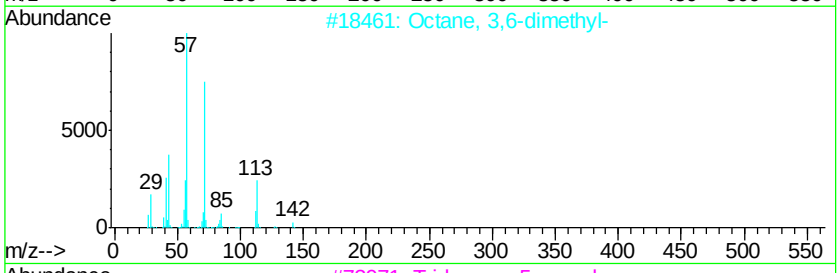
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 18

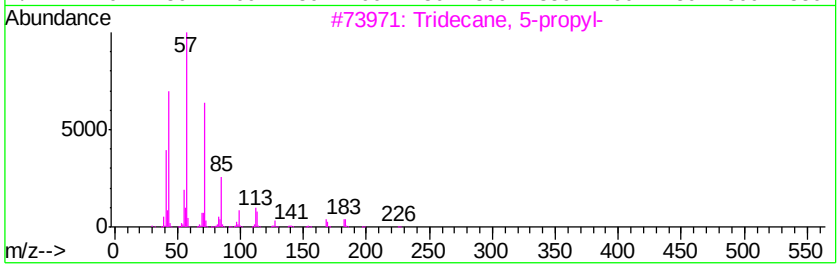
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.73 ng/ul	277292	Naphthalene-d8	10.85

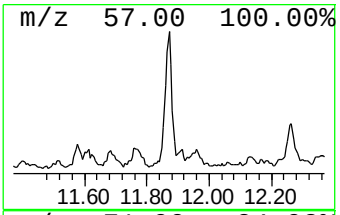
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	53

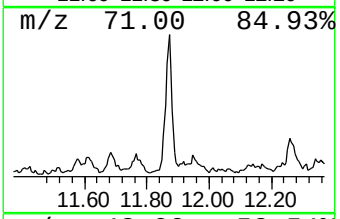


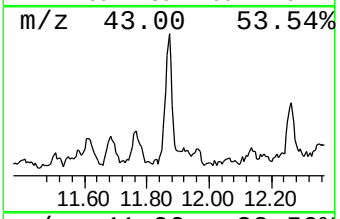


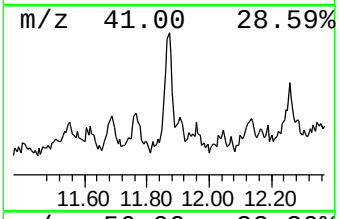


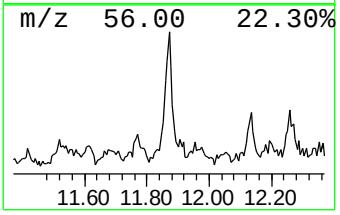












Library Search Compound Report

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Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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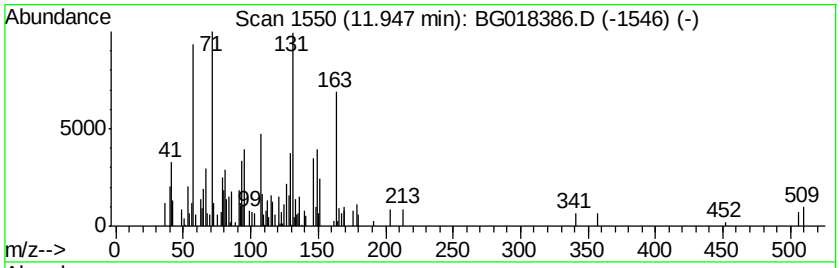
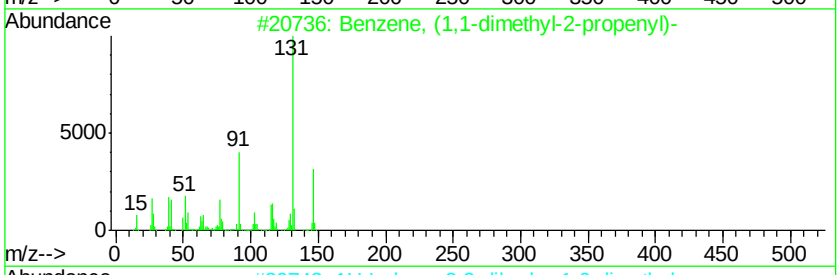
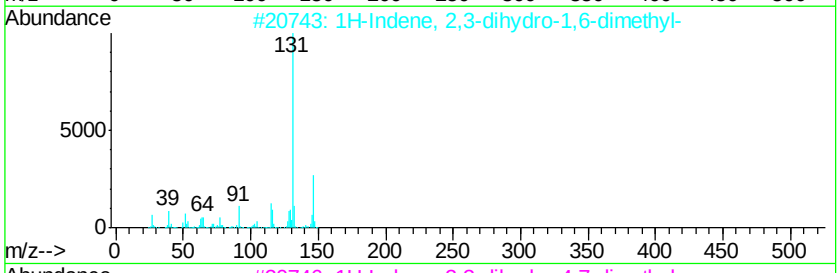
Peak Number 15 unknown-04 Concentration Rank 38

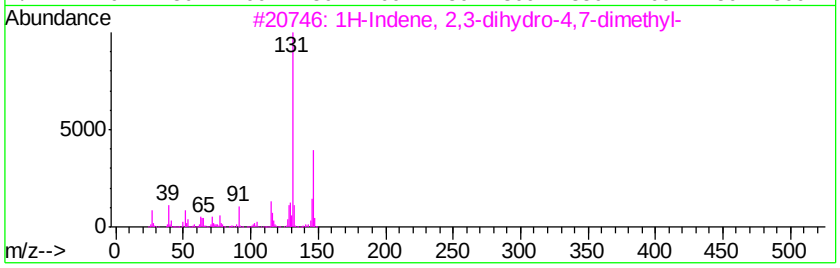
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.03 ng/ul	98077	Naphthalene-d8	10.85

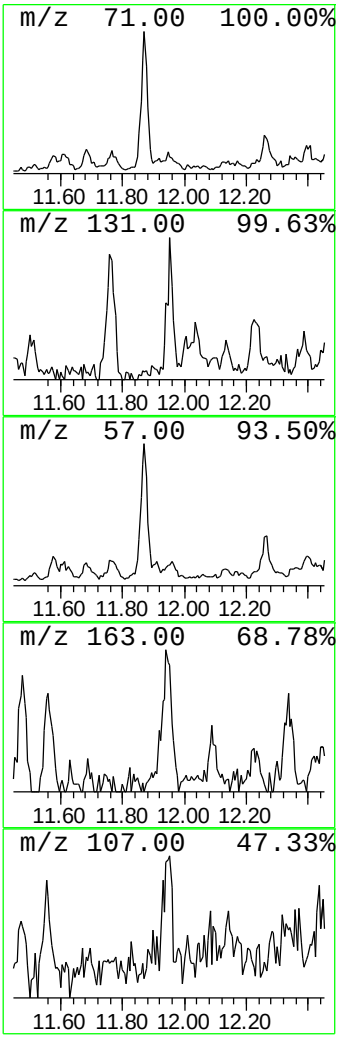
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	49
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	46
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	46
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46











Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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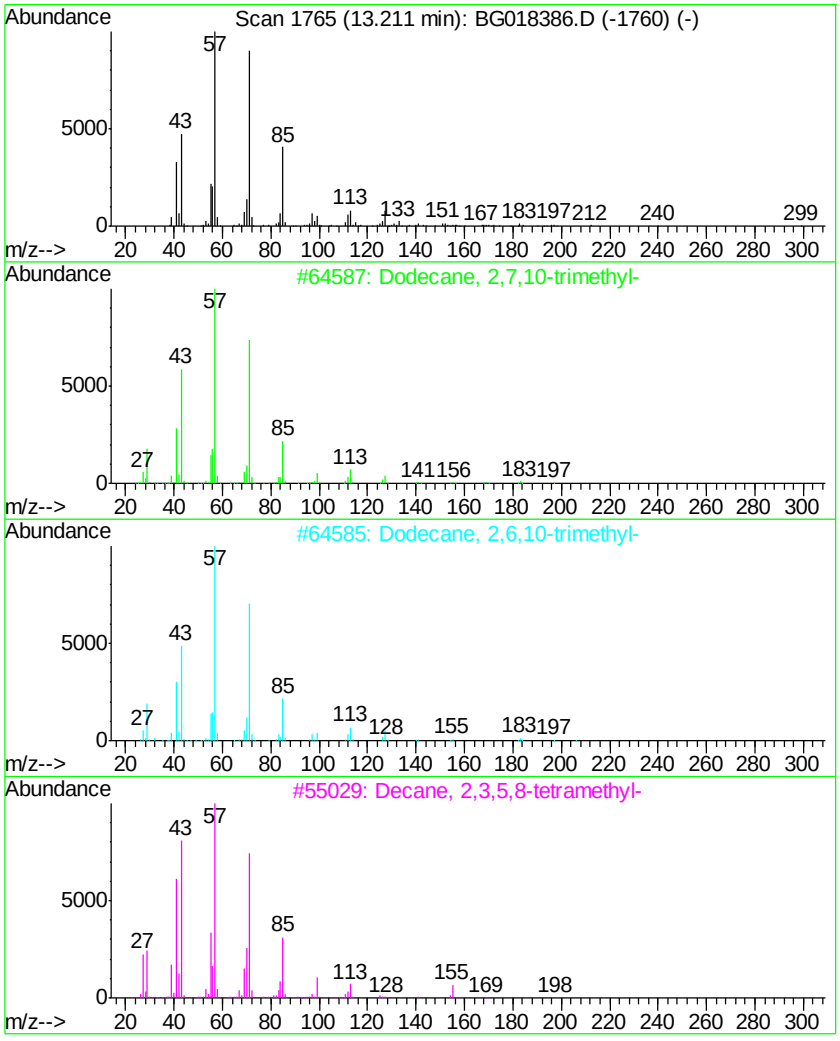
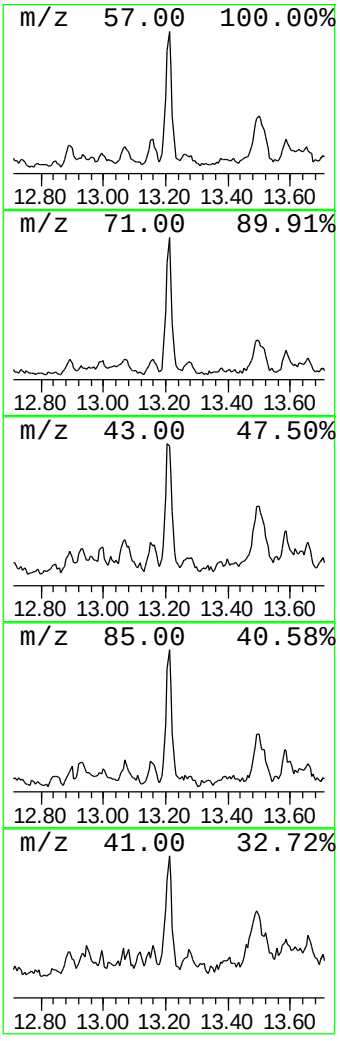
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	5.73 ng/ul	438960	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	78
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	76
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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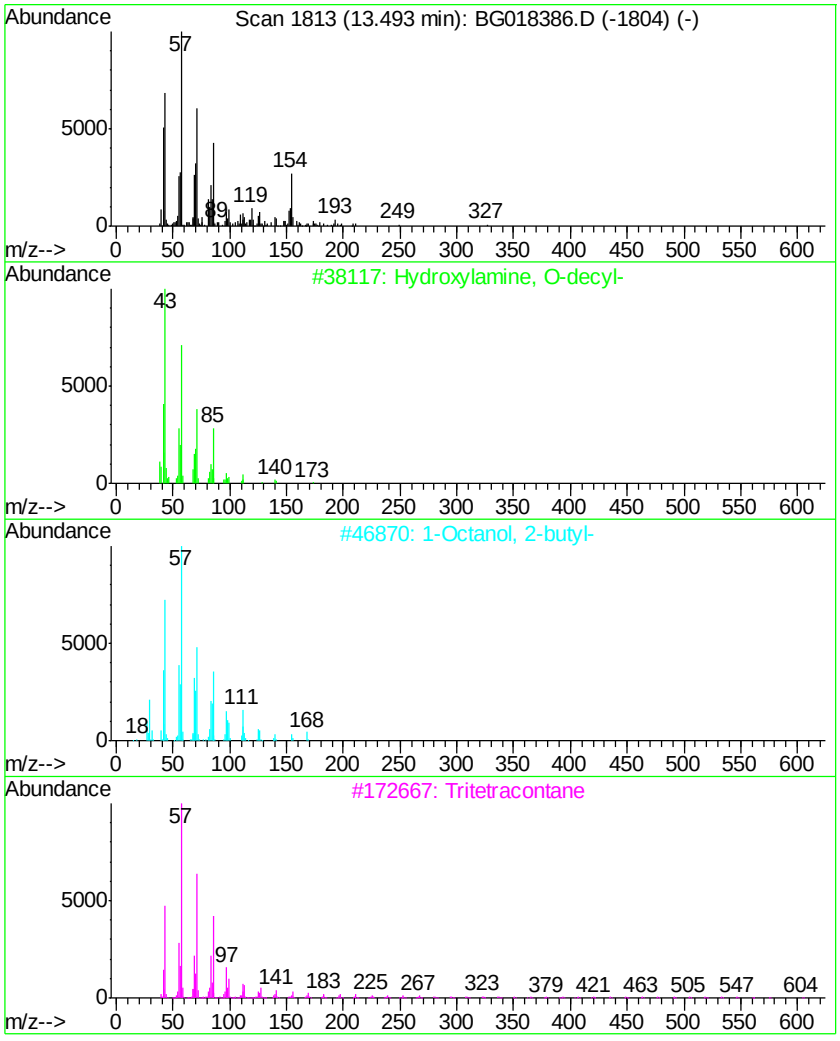
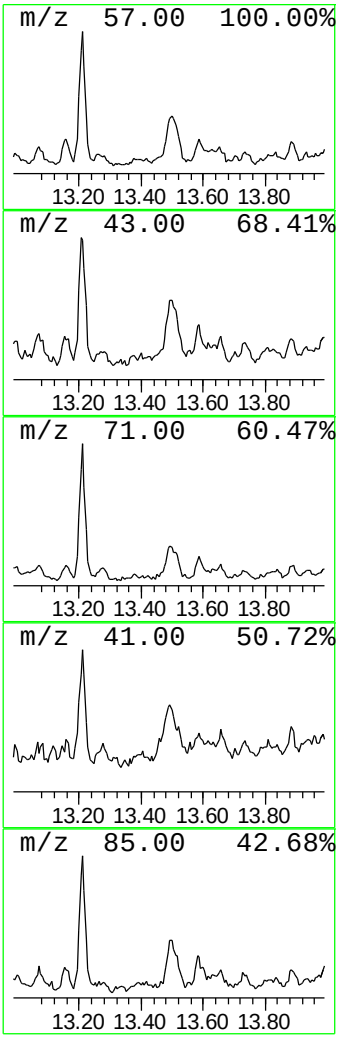
Peak Number 17 Hydroxylamine, O-decyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	6.19 ng/ul	473656	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	64
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
3	Tritetracontane	605	C43H88	007098-21-7	53
4	Nonadecane	268	C19H40	000629-92-5	49
5	Eicosane	282	C20H42	000112-95-8	49





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Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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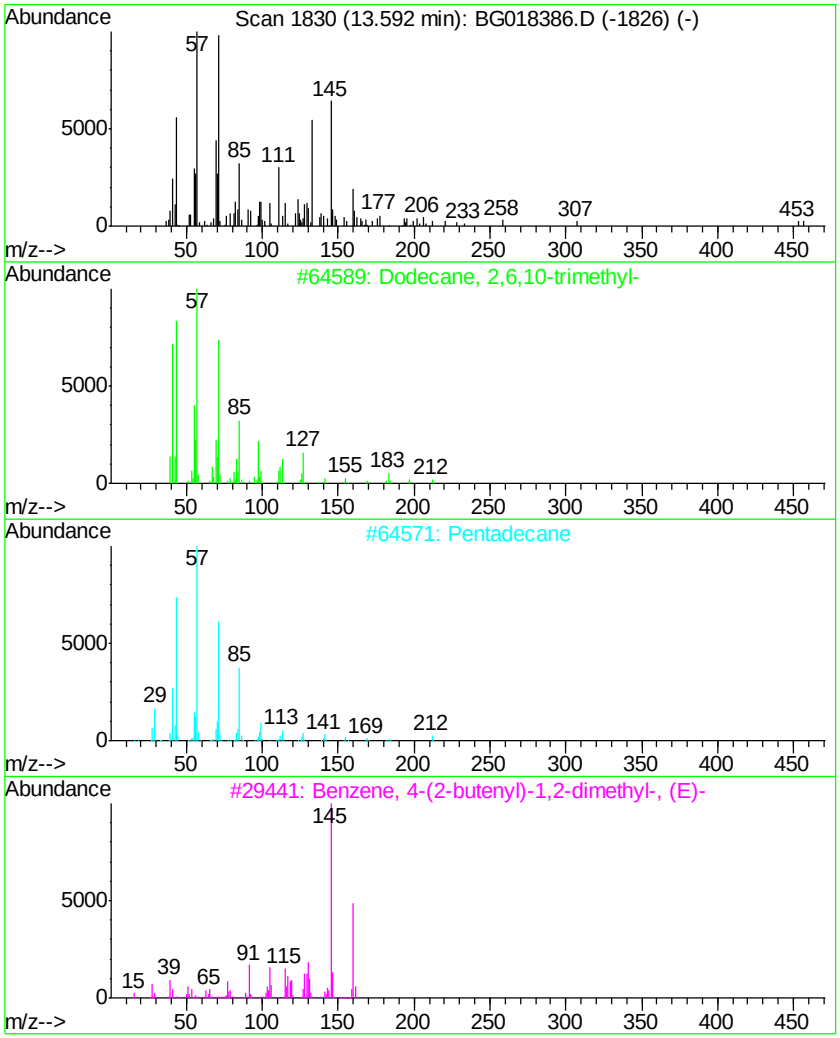
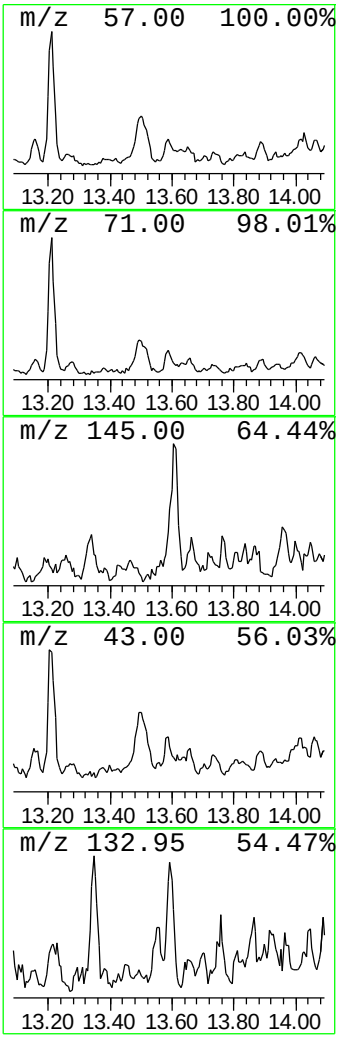
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	2.44 ng/ul	186970	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	30
2	Pentadecane	212	C15H32	000629-62-9	25
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	20
4	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	20
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	18





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Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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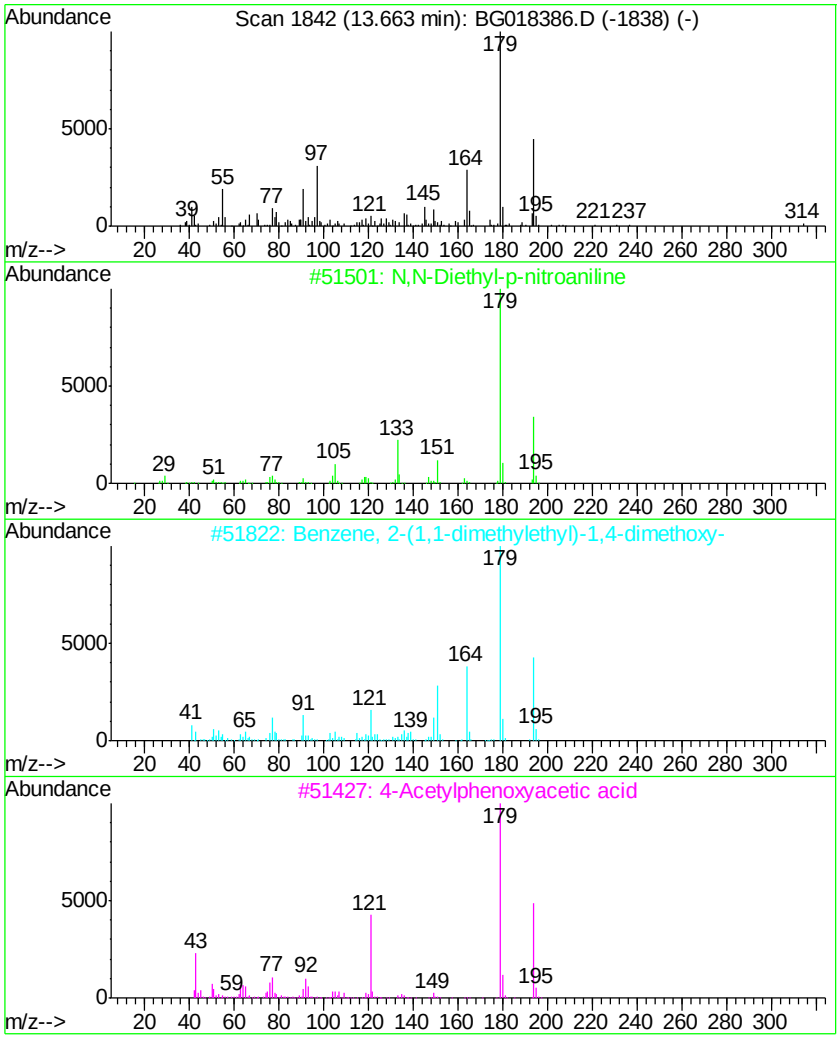
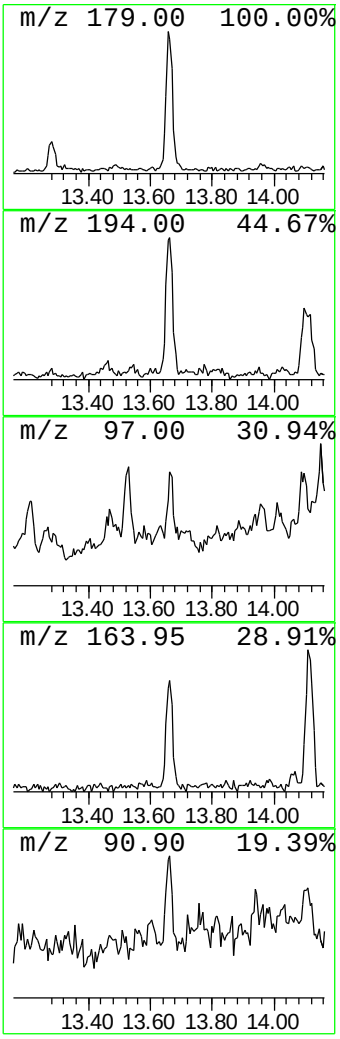
Peak Number 19 N,N-Diethyl-p-nitroaniline Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.42 ng/ul	185648	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Diethyl-p-nitroaniline	194	C10H14N2O2	002216-15-1	64
2	Benzene, 2-(1,1-dimethylethyl)-1...	194	C12H18O2	021112-37-8	64
3	4-Acetylphenoxyacetic acid	194	C10H10O4	001878-81-5	59
4	9H-Fluorene, 1,9-dimethyl-	194	C15H14	017057-98-6	53
5	2,4-Dimethoxyphenyl isocyanate	179	C9H9NO3	084370-87-6	53





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Sample : G3136-21
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Instrument : BNA_G
ClientSampleId : C02K8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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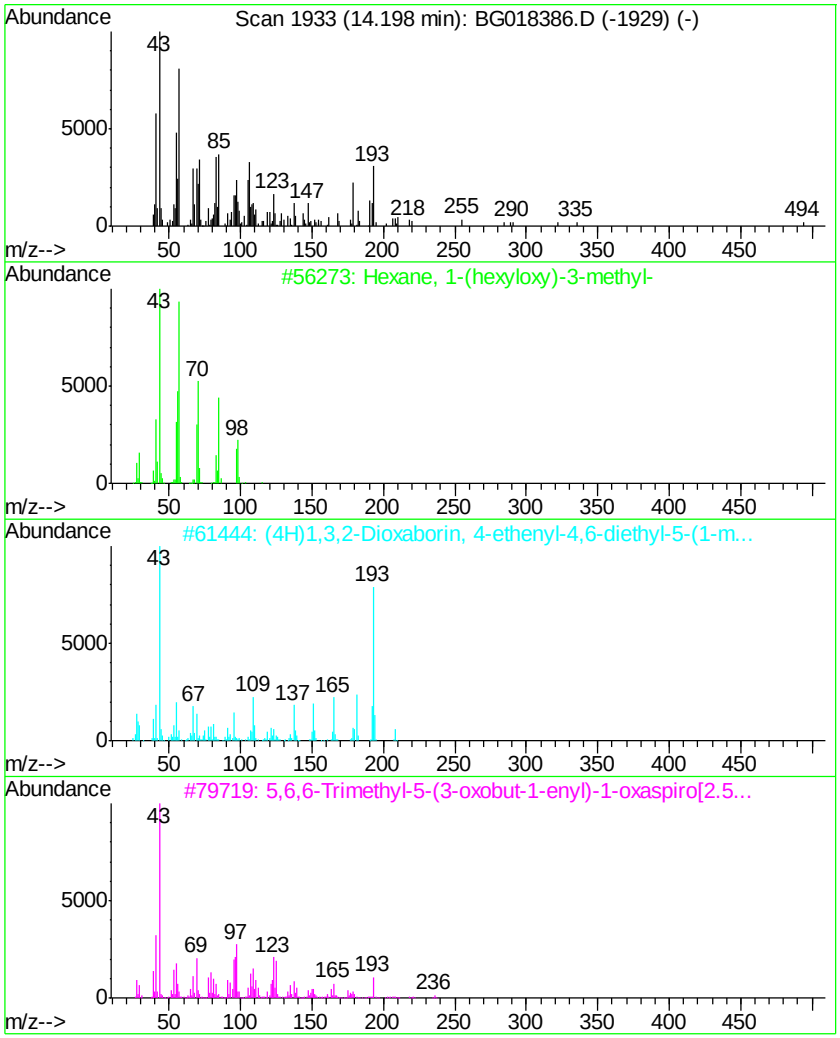
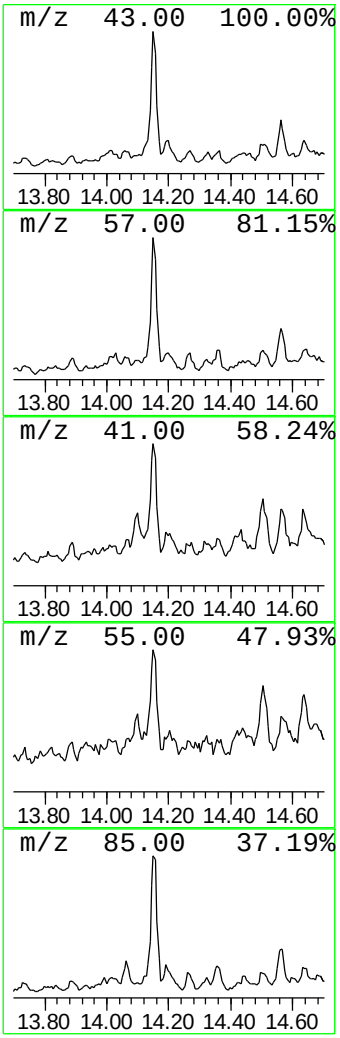
Peak Number 20 unknown-05 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	2.27 ng/ul	173683	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	14
2	(4H)1,3,2-Dioxaborin, 4-ethenyl-...	208	C12H21BO2	1000062-14-4	14
3	5,6,6-Trimethyl-5-(3-oxobut-1-en...	236	C14H20O3	1000192-73-9	12
4	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	11
5	11-Tricosene	322	C23H46	052078-56-5	11





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Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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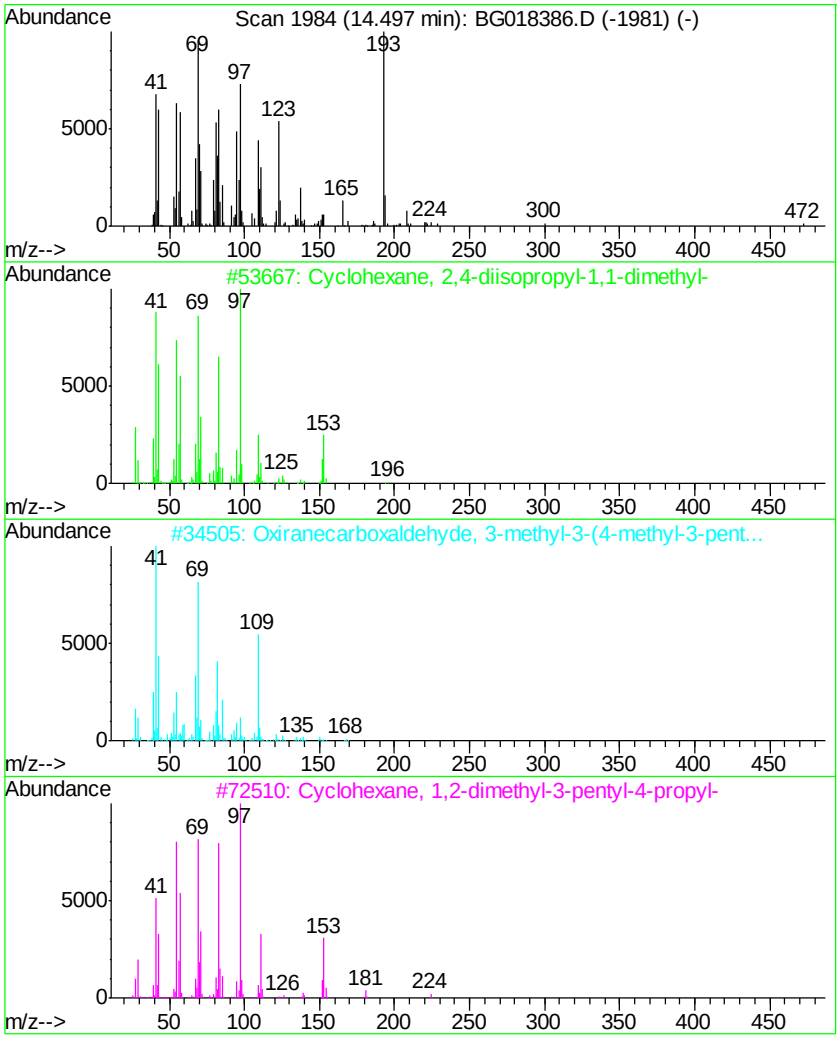
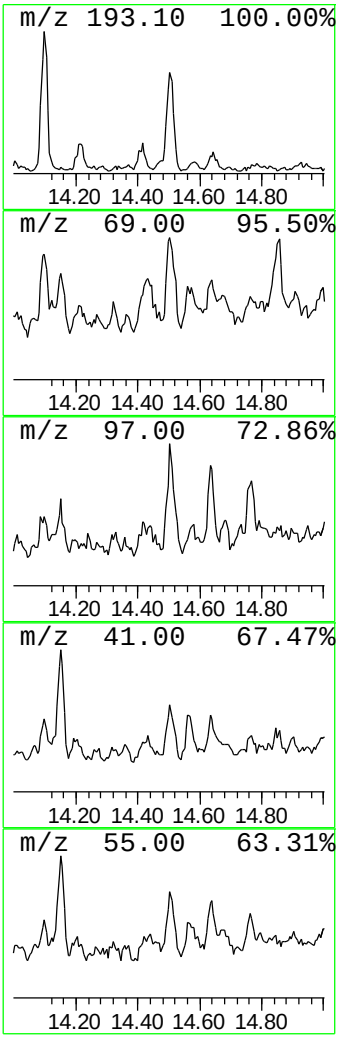
Peak Number 21 (DEL) Alkane: Cyclic14.50 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	6.08 ng/ul	465618	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	38
2	Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	35
3	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	27
4	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
5	Cyclopentanecarboxylic acid, 3-t...	296	C19H36O2	1000280-58-5	22





Library Search Compound Report

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Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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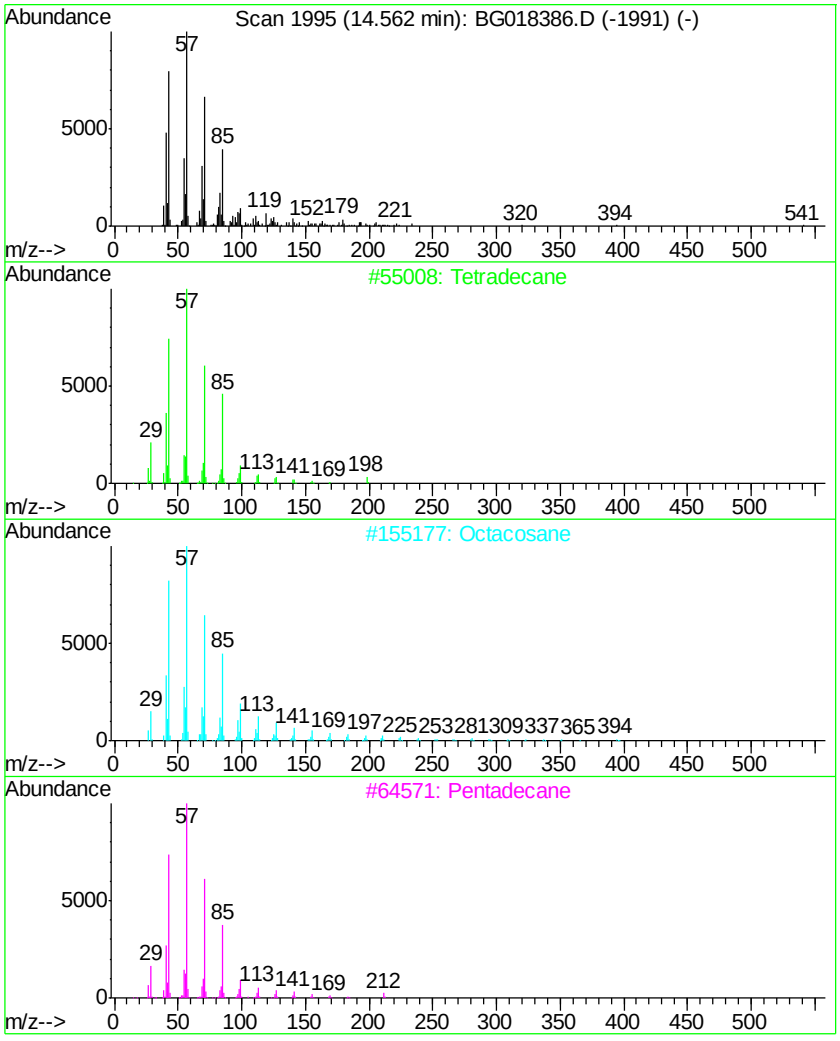
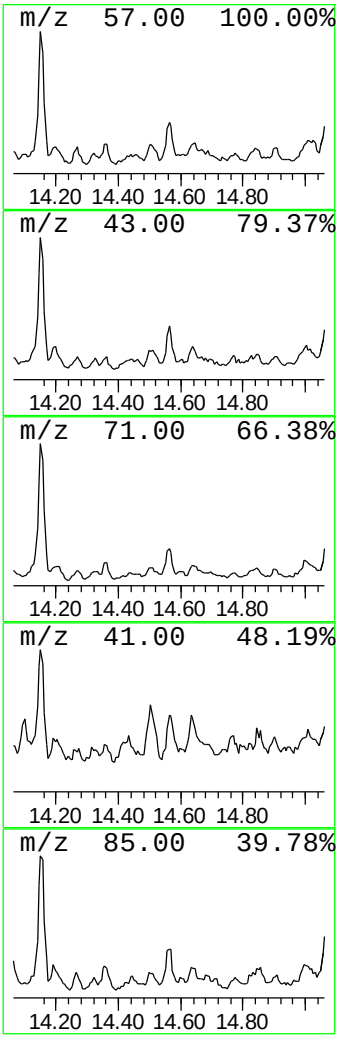
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	4.90 ng/ul	375004	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Octacosane	394	C28H58	000630-02-4	89
3	Pentadecane	212	C15H32	000629-62-9	87
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tetradecane	198	C14H30	000629-59-4	80





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Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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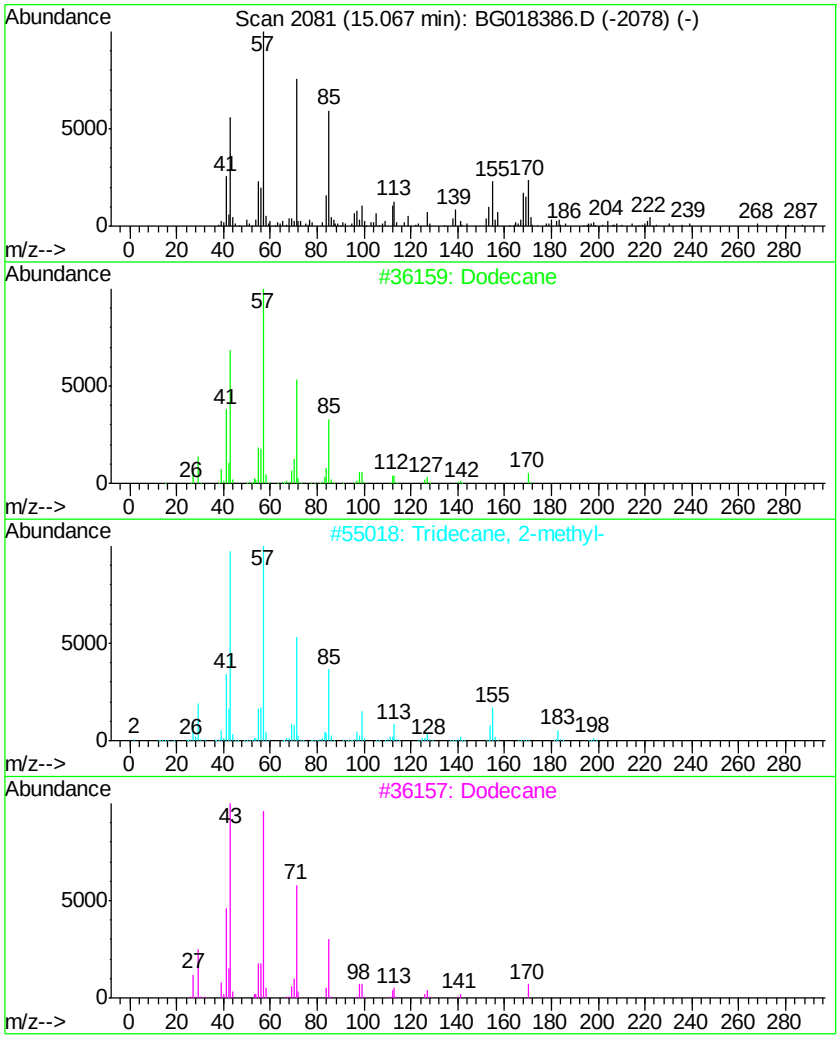
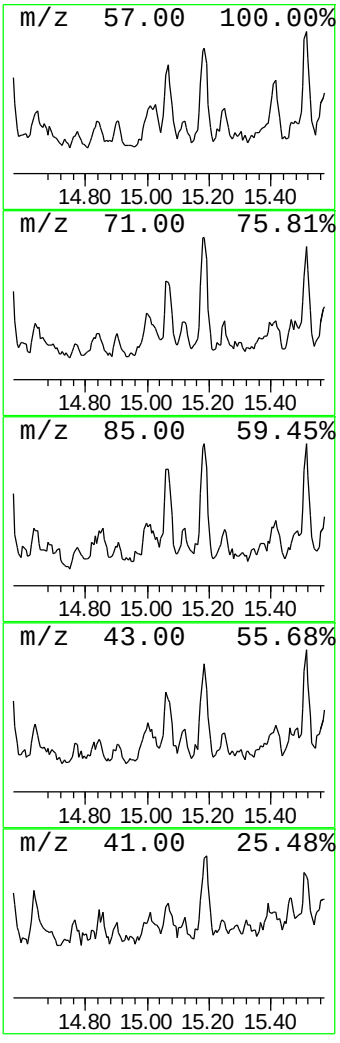
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.70 ng/ul	206590	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	68
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	62
3	Dodecane	170	C12H26	000112-40-3	59
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
5	Tridecane	184	C13H28	000629-50-5	58





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Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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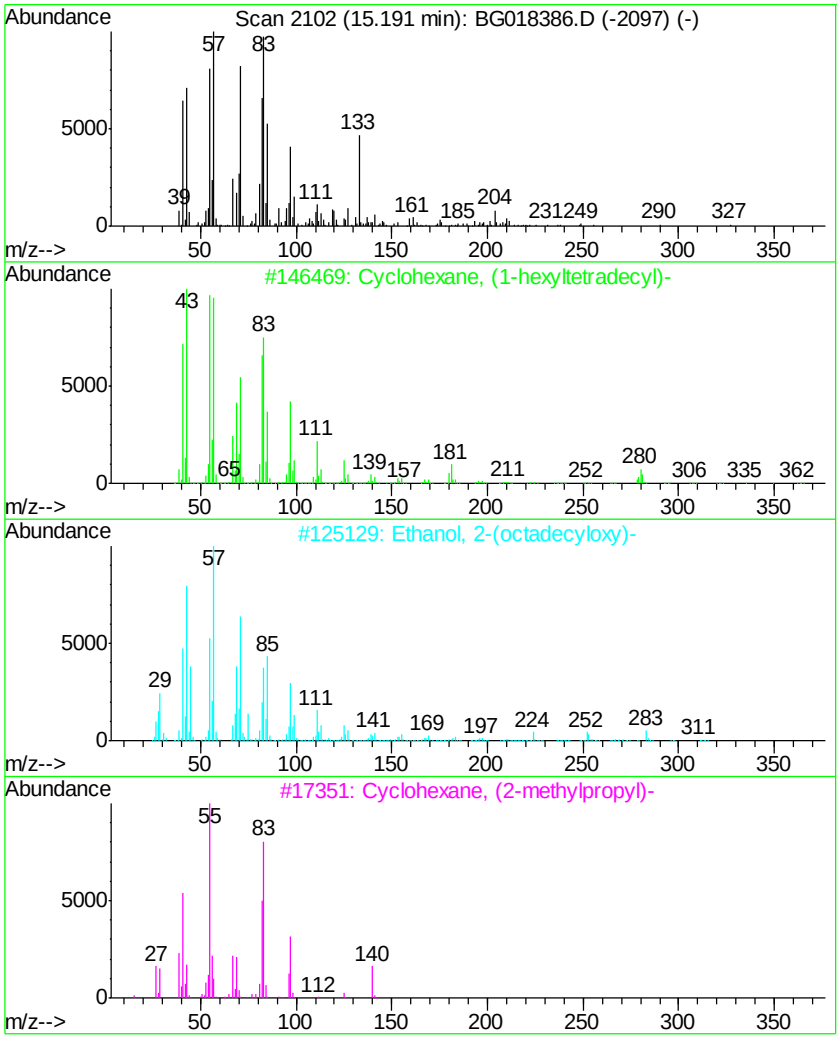
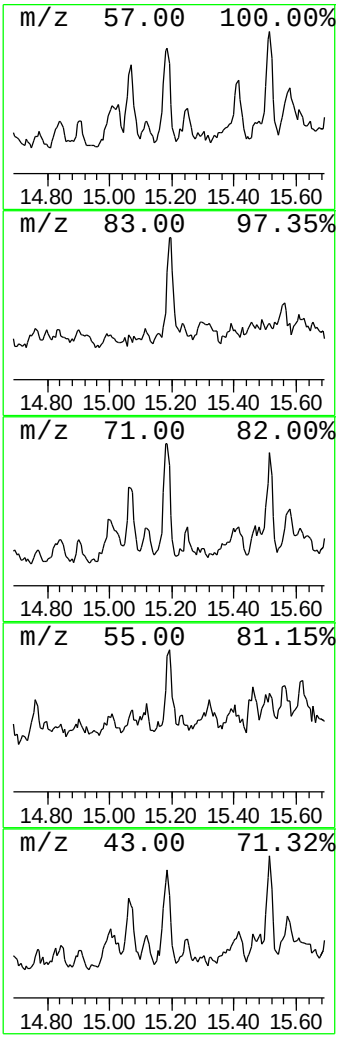
Peak Number 24 (DEL) Alkane: Cyclic15.19 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	5.34 ng/ul	408832	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-hexyltetradecyl)-	364	C26H52	004443-60-1	52
2	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	47
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	46
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	38
5	Tetratetracontane	619	C44H90	007098-22-8	38





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Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

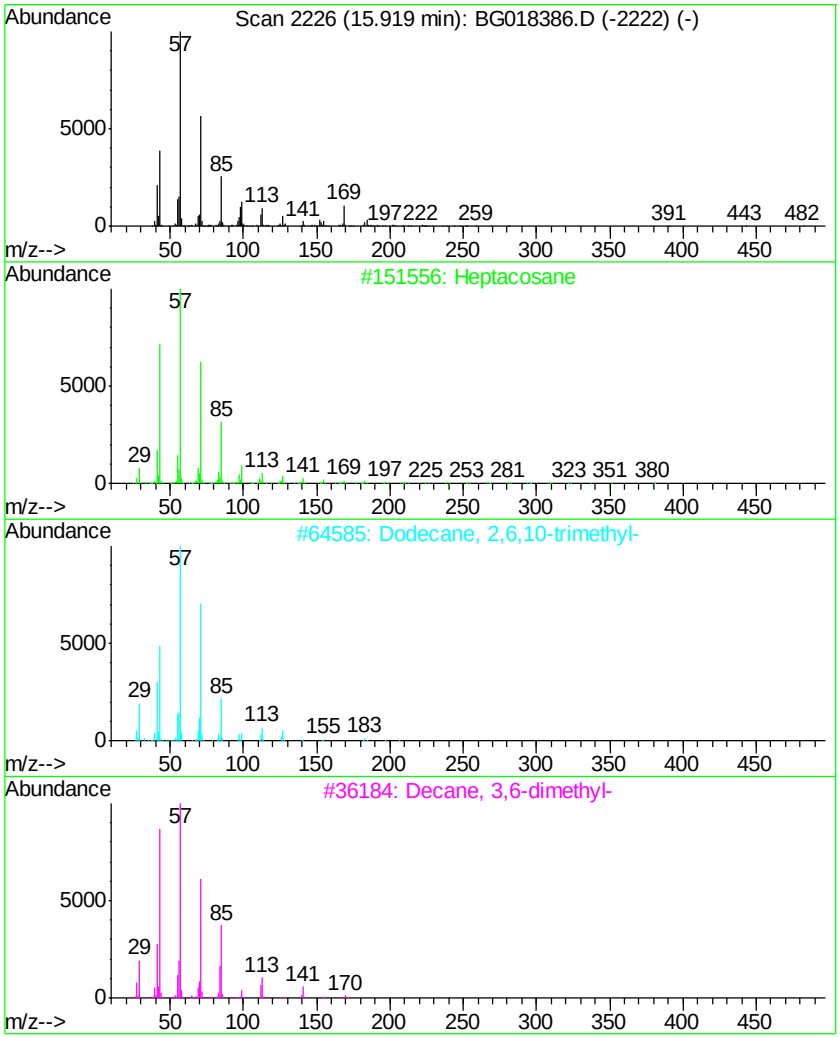
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

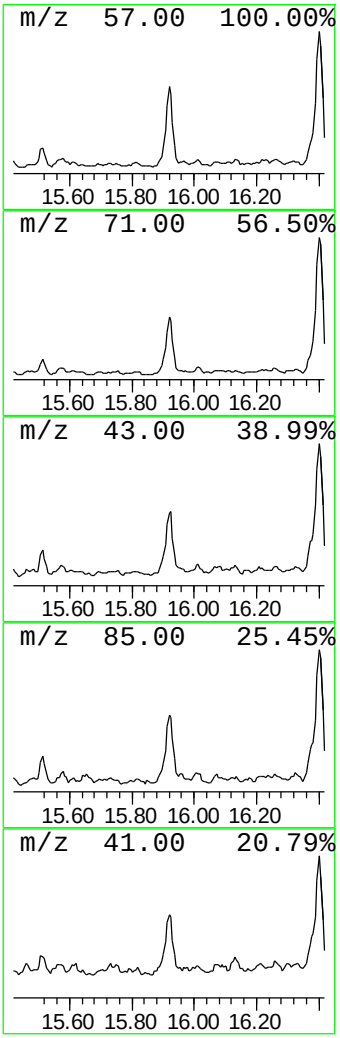
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	12.57 ng/ul	962881	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	62
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	62
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53





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Sample : G3136-21
Misc :
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ClientSampleId : C02K8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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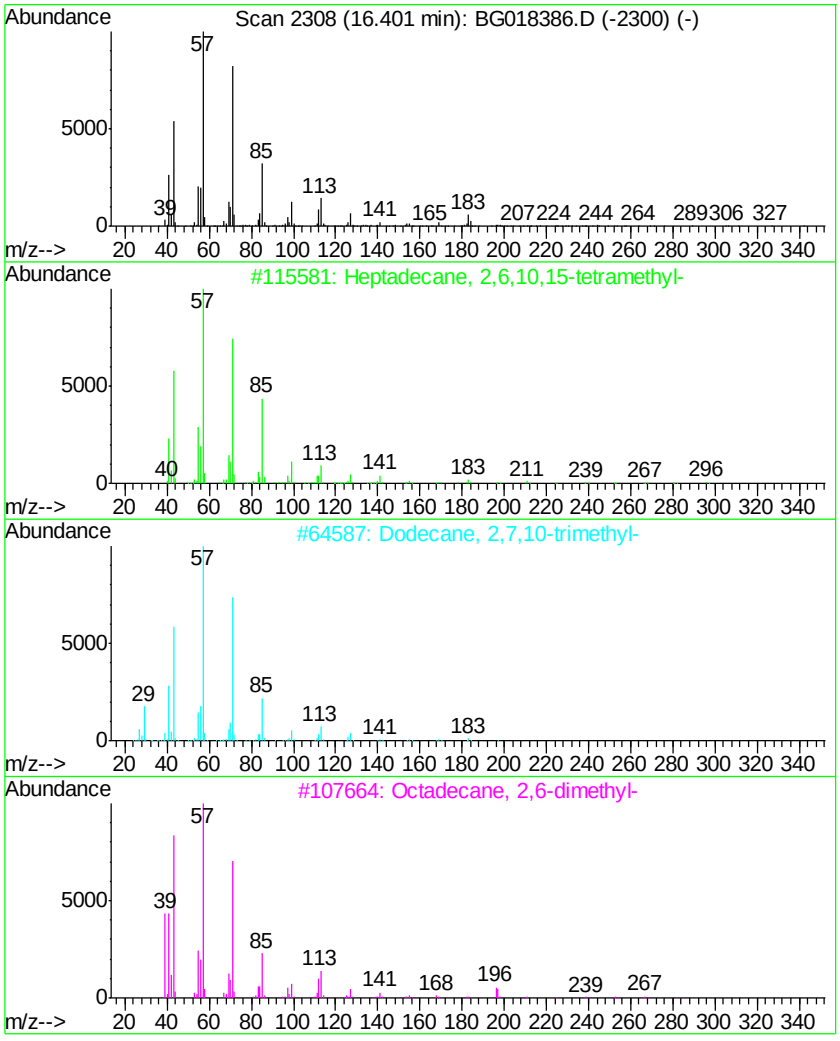
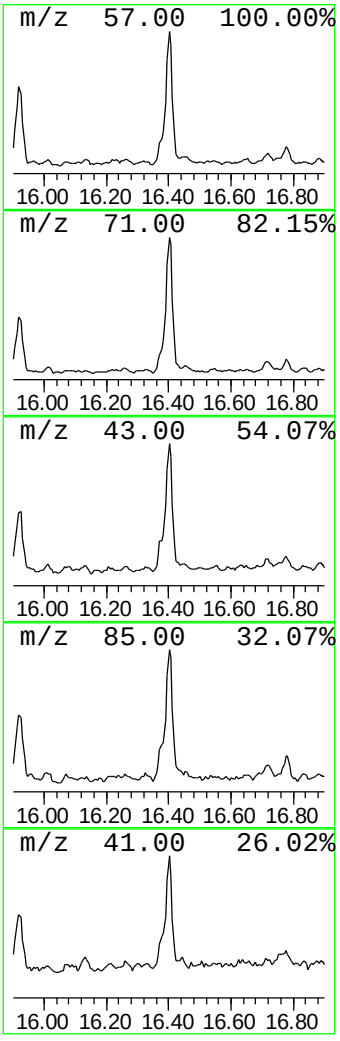
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	37.53 ng/ul	2177890	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	83
4	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78





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Sample : G3136-21
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Instrument : BNA_G
ClientSampleId : C02K8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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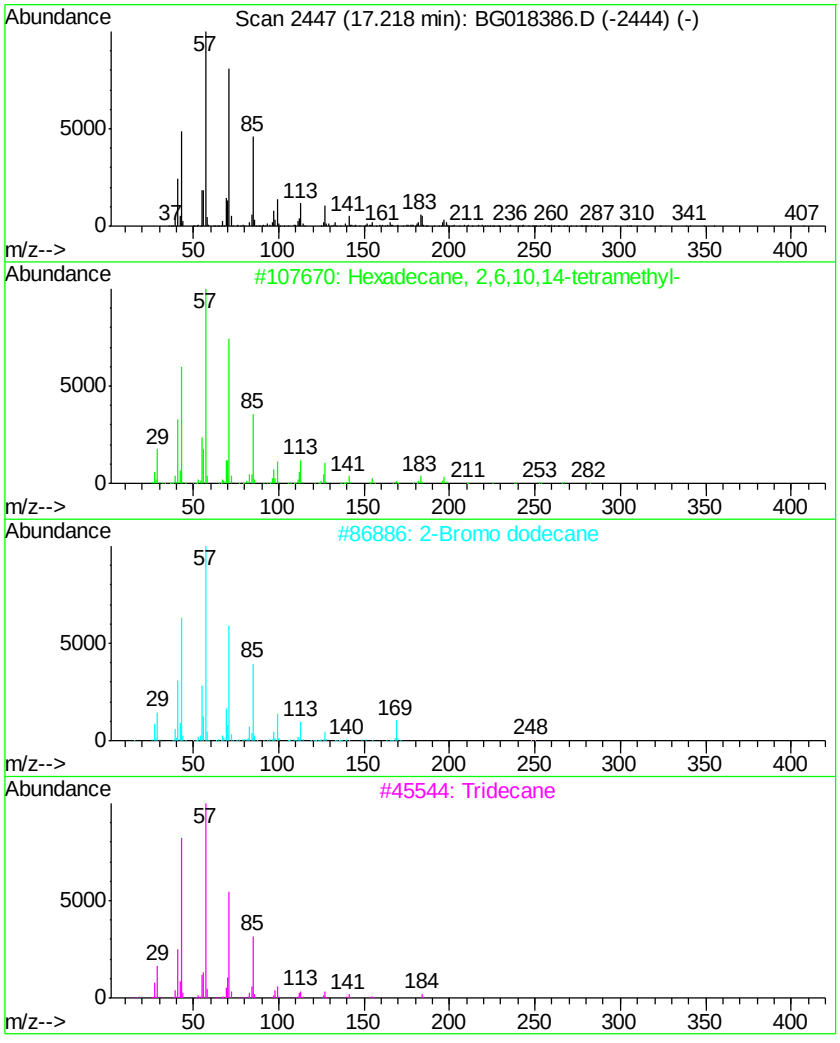
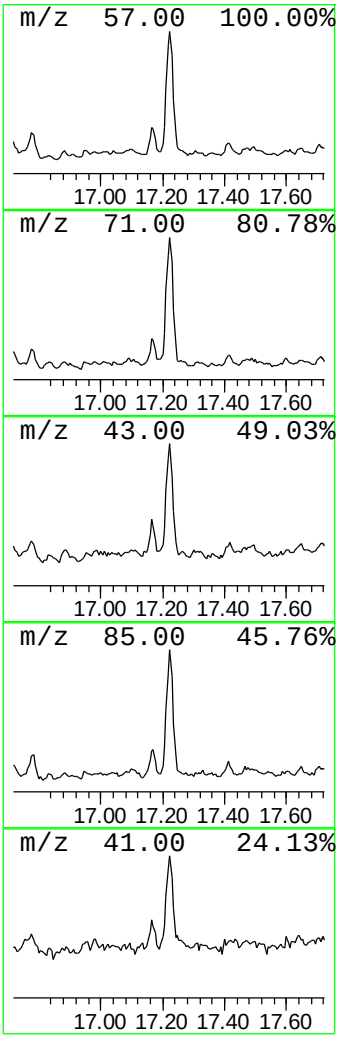
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	21.90 ng/ul	1271060	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	98
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Tridecane	184	C13H28	000629-50-5	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Nonadecane	268	C19H40	000629-92-5	90





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Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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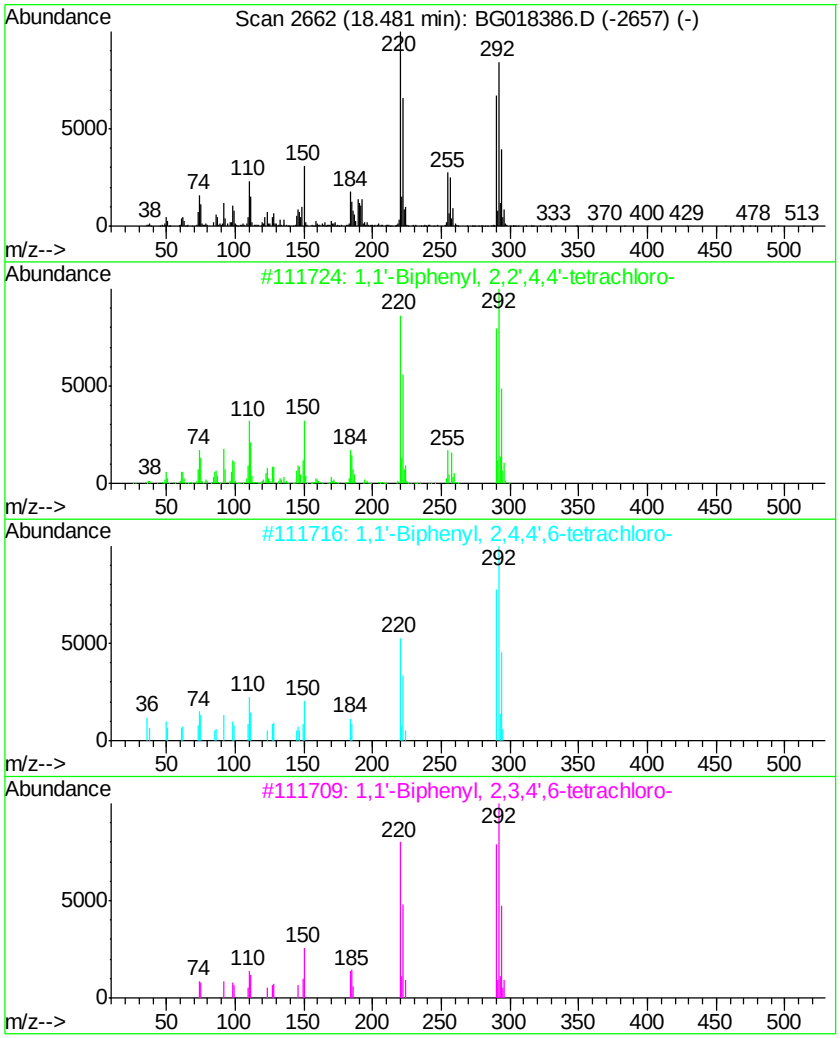
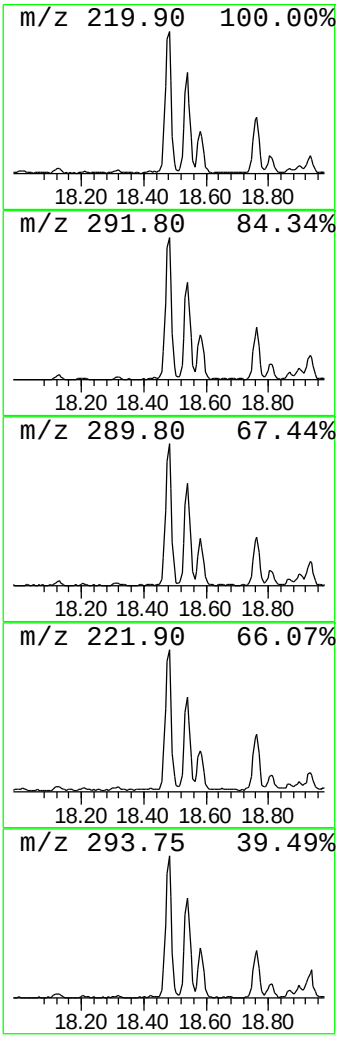
Peak Number 28 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	27.59 ng/ul	1601110	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

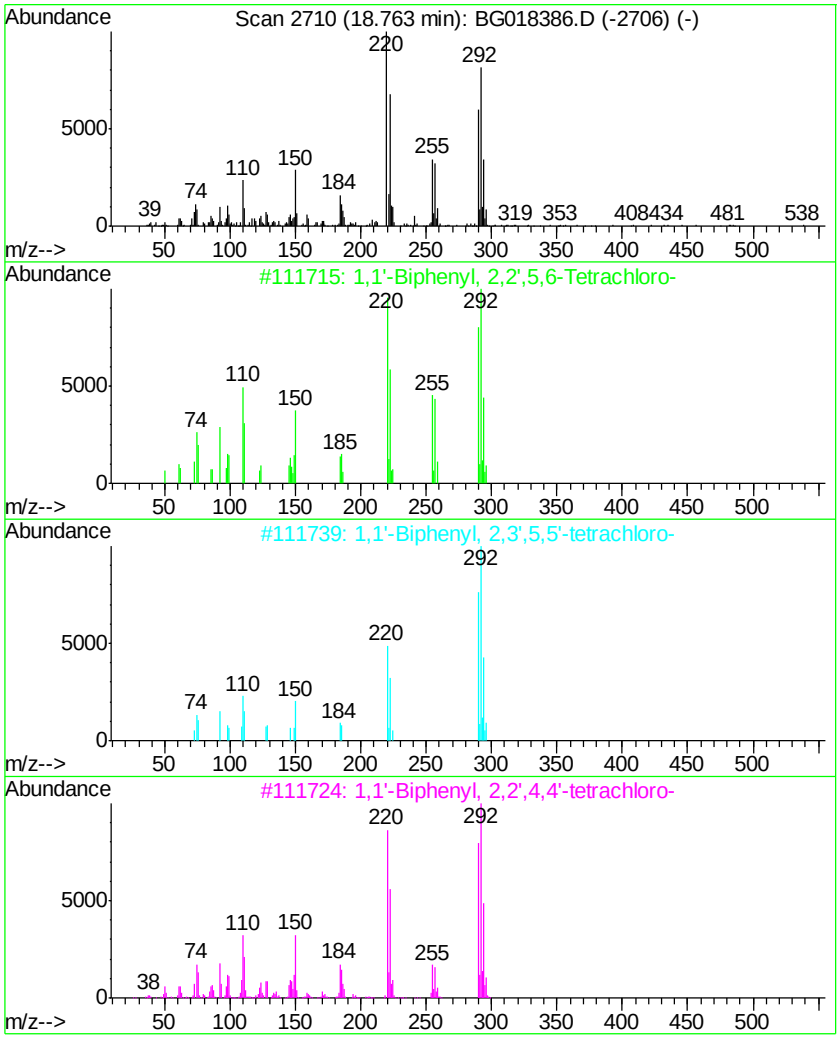
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

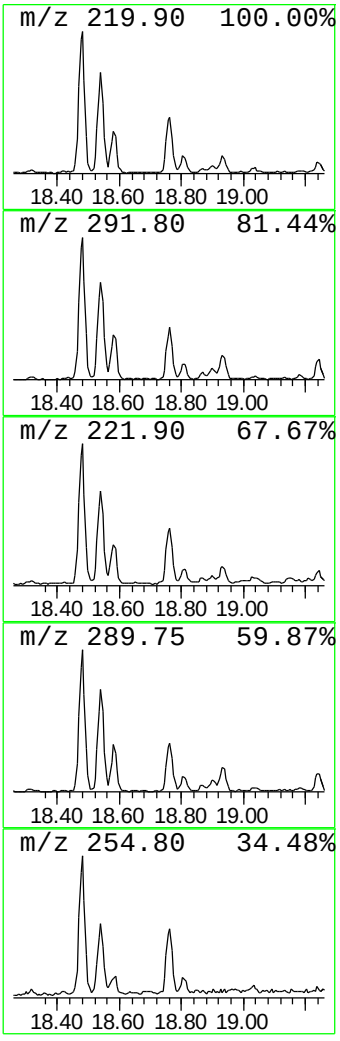
****

Peak Number 30 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	9.19 ng/ul	533108	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	96
2	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	95
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	94
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	94
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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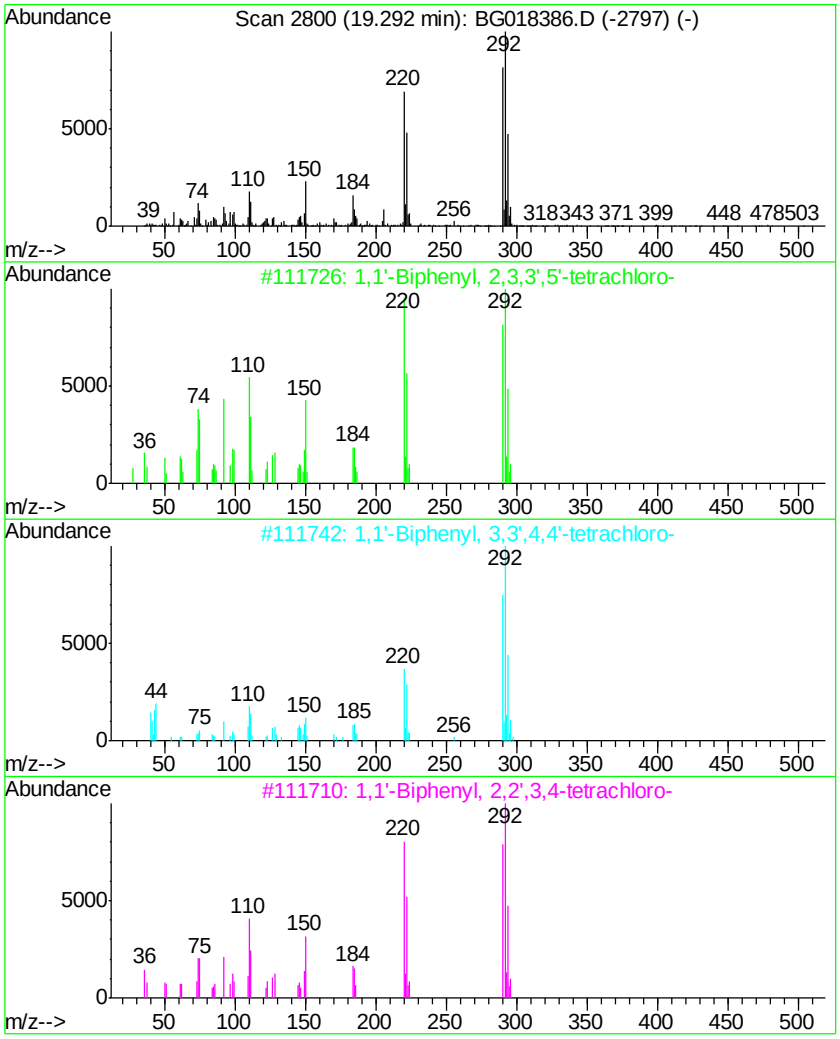
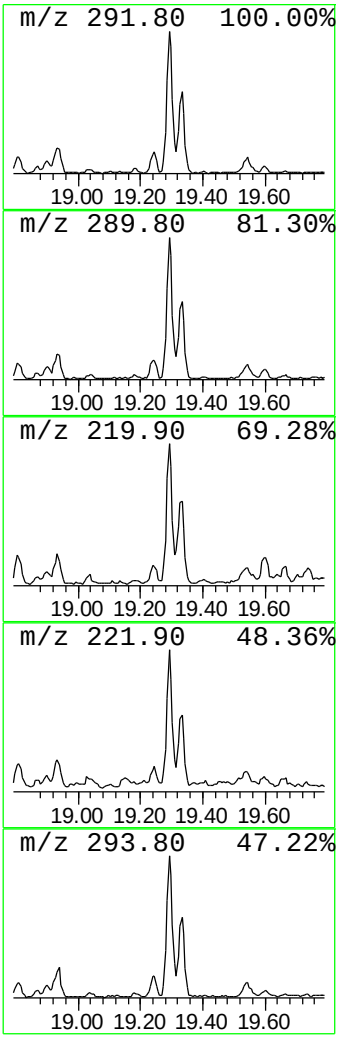
Peak Number 31 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	14.52 ng/ul	842759	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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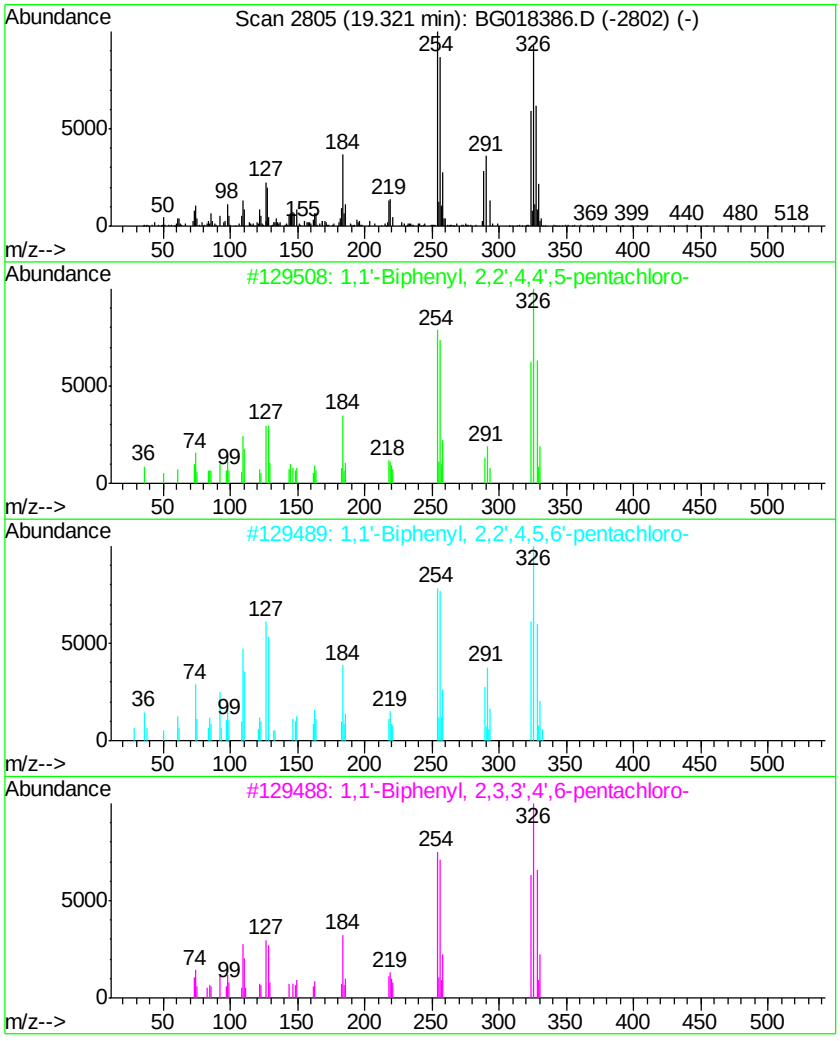
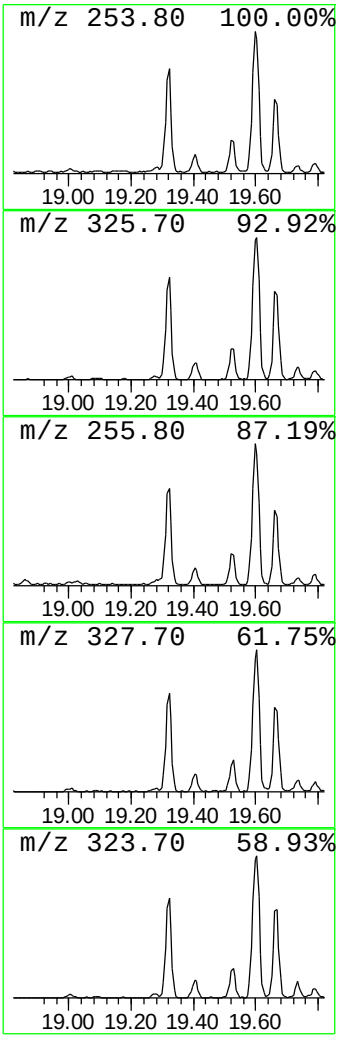
Peak Number 32 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	30.85 ng/ul	1790370	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	98





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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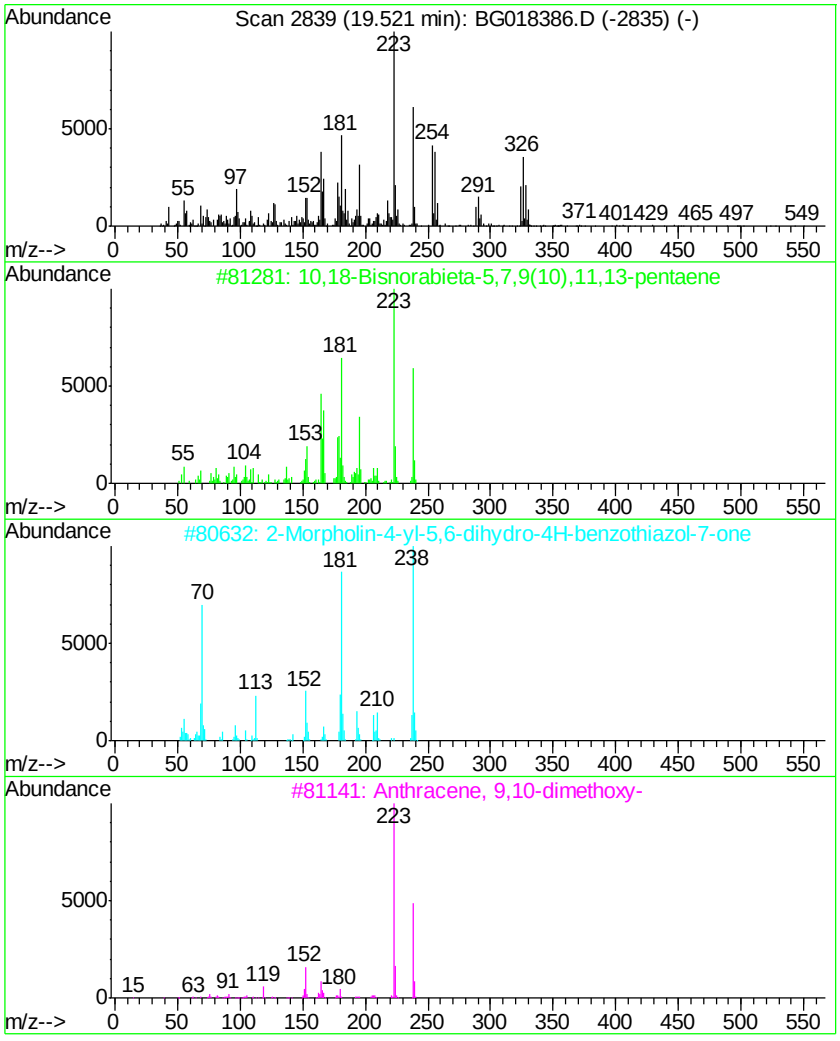
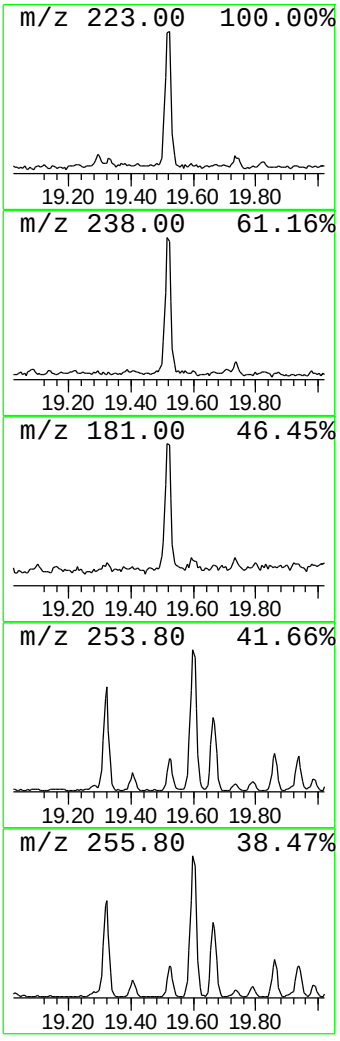
Peak Number 33 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	17.32 ng/ul	1004900	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	96
2	2-Morpholin-4-yl-5,6-dihydro-4H-...	238	C11H14N2O2S	313251-21-7	44
3	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	42
4	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	41
5	4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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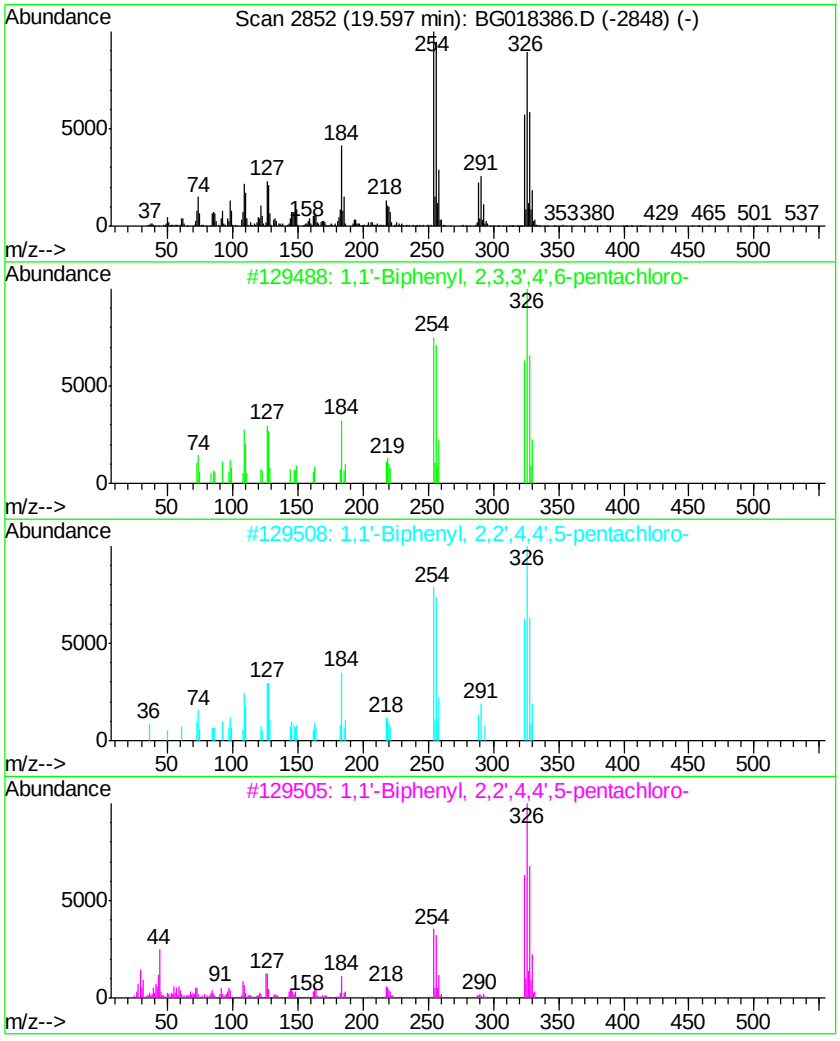
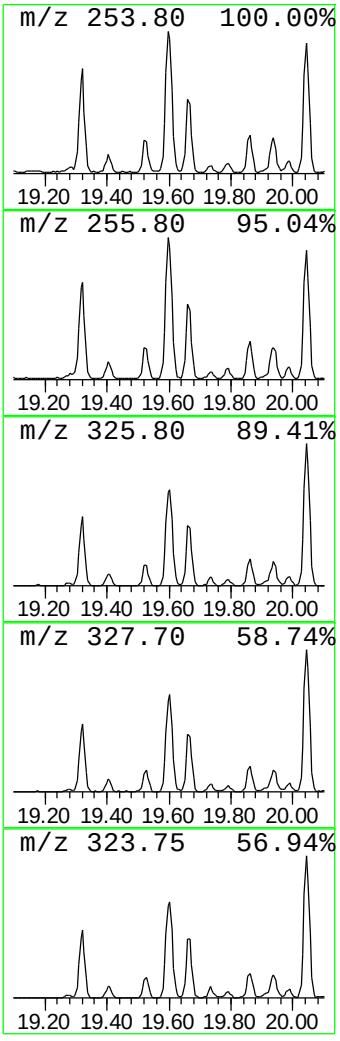
Peak Number 34 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	20.42 ng/ul	2000690	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	97
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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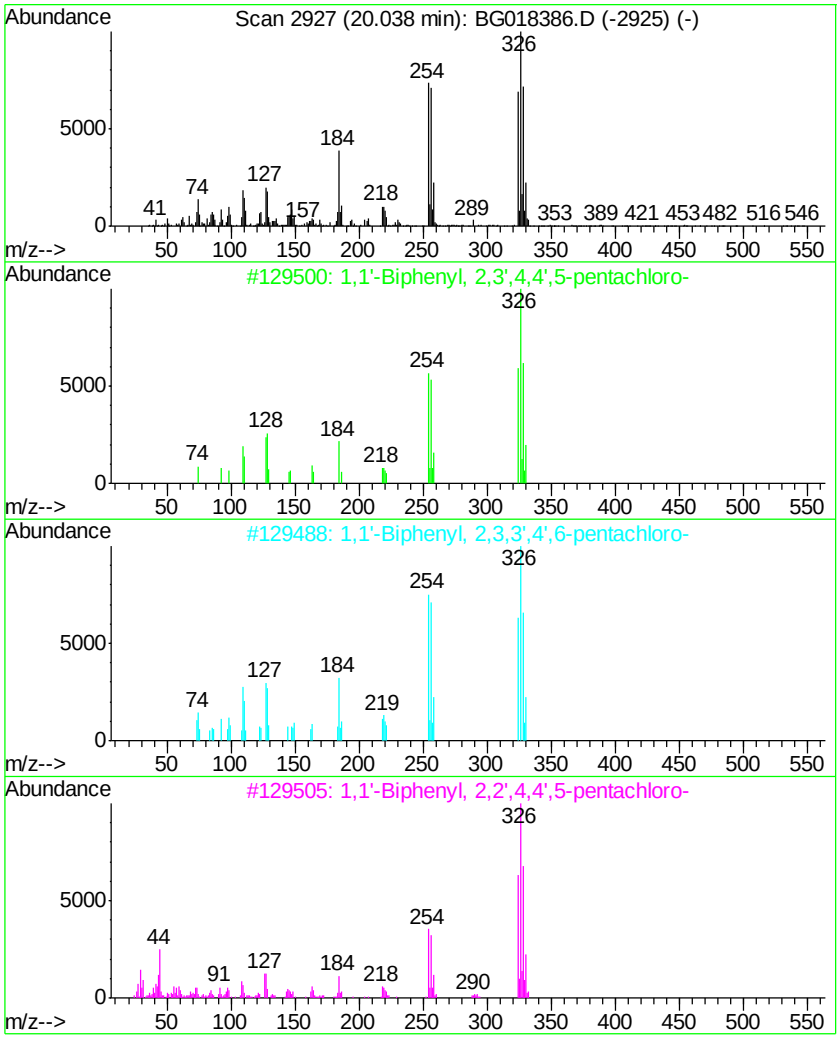
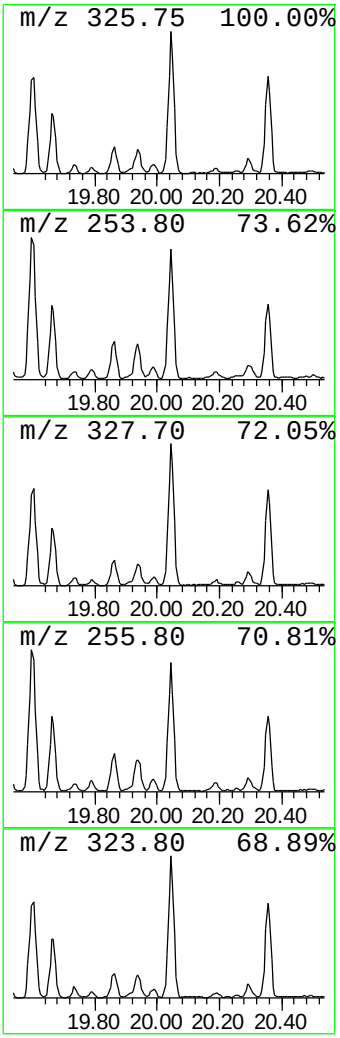
Peak Number 36 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	19.78 ng/ul	1938010	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	97
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	97
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	97





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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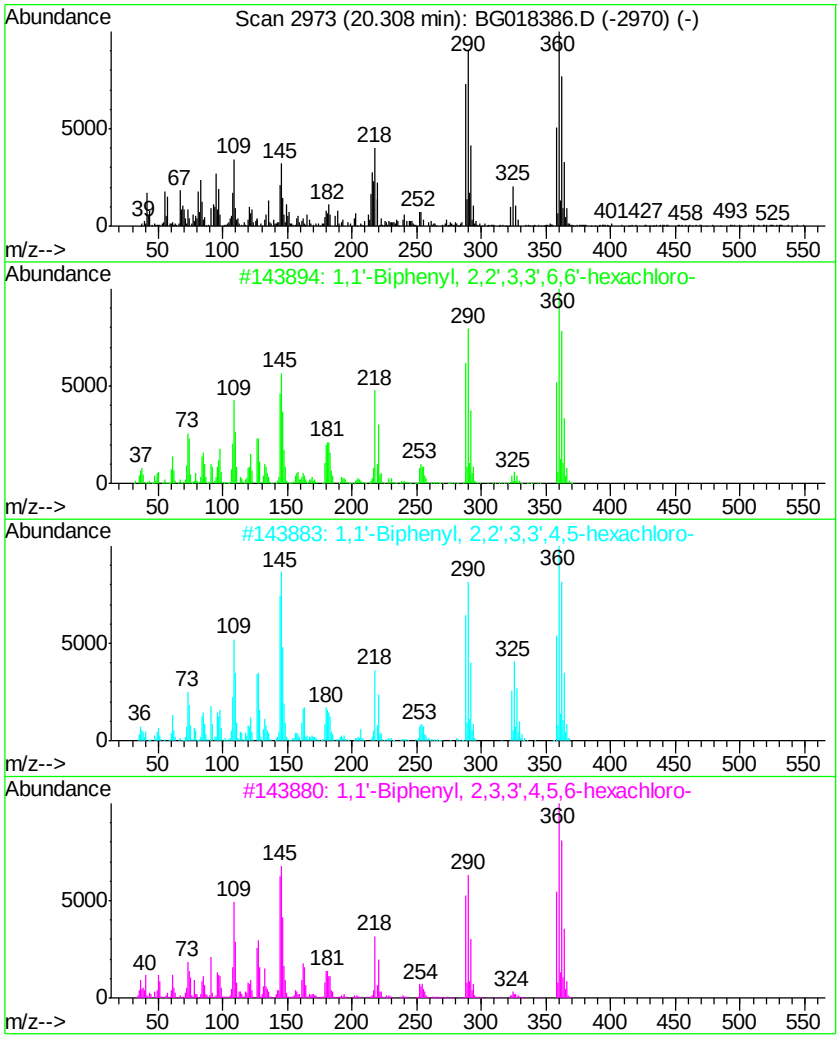
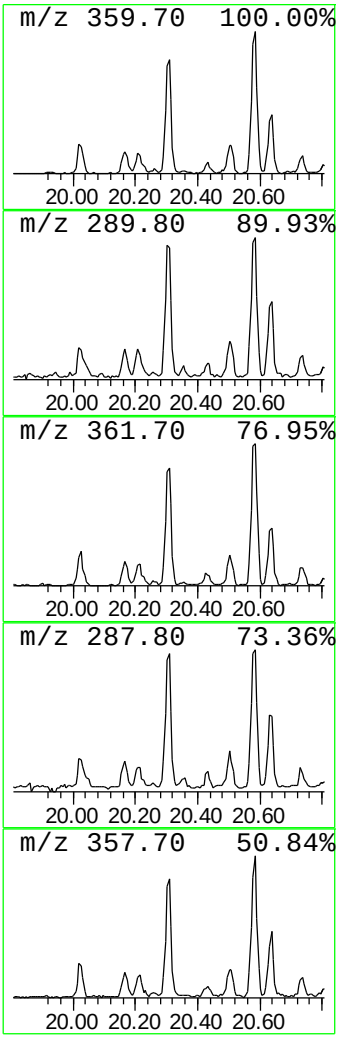
Peak Number 37 1,1'-Biphenyl, 2,2',3,3',6,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	6.64 ng/ul	649990	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	94
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	94
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	93
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	93
5	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
Data File : BG018386.D
Acq On : 11 Aug 2015 18:03
Operator : UM/MA
Sample : G3136-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.68	2.2	ng/ul	64997	1	8.04	593236	20.0
unknown-01	7.03	2.5	ng/ul	74193	1	8.04	593236	20.0
Benzene, 1,3,5-tr...	7.69	4.3	ng/ul	128880	1	8.04	593236	20.0
Benzene, 1-methyl...	8.59	2.2	ng/ul	64498	1	8.04	593236	20.0
Benzene, 1,2-diet...	8.68	2.6	ng/ul	76146	1	8.04	593236	20.0
Benzene, 1,3-diet...	9.40	2.0	ng/ul	60316	1	8.04	593236	20.0
Naphthalene, deca...	10.03	2.1	ng/ul	99744	2	10.85	968238	20.0
unknown-02	10.26	2.2	ng/ul	108315	2	10.85	968238	20.0
Benzene, 1,3,5-tr...	10.71	3.1	ng/ul	149337	2	10.85	968238	20.0
(DEL) Alkane: Cyc...	11.55	2.4	ng/ul	116141	2	10.85	968238	20.0
unknown-03	11.76	2.7	ng/ul	130486	2	10.85	968238	20.0
(DEL) Alkane: Str...	11.87	5.7	ng/ul	277292	2	10.85	968238	20.0
unknown-04	11.95	2.0	ng/ul	98077	2	10.85	968238	20.0
(DEL) Alkane: Str...	13.21	5.7	ng/ul	438960	3	14.67	1531600	20.0
Hydroxylamine, O-...	13.49	6.2	ng/ul	473656	3	14.67	1531600	20.0
(DEL) Alkane: Str...	13.59	2.4	ng/ul	186970	3	14.67	1531600	20.0
N,N-Diethyl-p-nit...	13.66	2.4	ng/ul	185648	3	14.67	1531600	20.0
unknown-05	14.20	2.3	ng/ul	173683	3	14.67	1531600	20.0
(DEL) Alkane: Cyc...	14.50	6.1	ng/ul	465618	3	14.67	1531600	20.0
(DEL) Alkane: Str...	14.56	4.9	ng/ul	375004	3	14.67	1531600	20.0
(DEL) Alkane: Str...	15.07	2.7	ng/ul	206590	3	14.67	1531600	20.0
(DEL) Alkane: Cyc...	15.19	5.3	ng/ul	408832	3	14.67	1531600	20.0
(DEL) Alkane: Str...	15.92	12.6	ng/ul	962881	3	14.67	1531600	20.0
(DEL) Alkane: Str...	16.40	37.5	ng/ul	2177890	4	17.41	1160660	20.0
(DEL) Alkane: Str...	17.22	21.9	ng/ul	1271060	4	17.41	1160660	20.0
1,1'-Biphenyl, 2,...	18.48	27.6	ng/ul	1601110	4	17.41	1160660	20.0
1,1'-Biphenyl, 2,...	18.76	9.2	ng/ul	533108	4	17.41	1160660	20.0
1,1'-Biphenyl, 2,...	19.29	14.5	ng/ul	842759	4	17.41	1160660	20.0
1,1'-Biphenyl, 2,...	19.32	30.9	ng/ul	1790370	4	17.41	1160660	20.0
10,18-Bisnorabiet...	19.52	17.3	ng/ul	1004900	4	17.41	1160660	20.0
1,1'-Biphenyl, 2,...	19.60	20.4	ng/ul	2000690	5	21.68	1959230	20.0
1,1'-Biphenyl, 2,...	20.04	19.8	ng/ul	1938010	5	21.68	1959230	20.0
1,1'-Biphenyl, 2,...	20.31	6.6	ng/ul	649990	5	21.68	1959230	20.0