LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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	5.358	420	429	441	rBV	5778064	11007996	17.66%	1.239%
2	5.546	451	461	470	rVB	819961	1432422	2.30%	0.161%
3	5.681	477	484	498	rVB	1873383	3913505	6.28%	0.440%
4	6.051	532	547	556	rBV2	546838	1343676	2.16%	0.151%
5	7.015	703	711	719	rBV	415796	826888	1.33%	0.093%
6	7.126	724	730	735	rVV	1155359	1911846	3.07%	0.215%
7	7.185	735	740	747	rVV2	918794	1609803	2.58%	0.181%
8	7.262	747	753	761	rVB	757723	1230778	1.97%	0.139%
9	7.426	776	781	787	rVV	446794	756621	1.21%	0.085%
10	7.567	795	805	815	rVV	297617	713613	1.14%	0.080%
11	7.685	816	825	834	rVV2	1922926	3777438	6.06%	0.425%
12	7.931	859	867	875	rVV	3589411	6549599	10.51%	0.737%
13	8.078	875	892	900	rVV	7640130	15663174	25.12%	1.763%
14	8.155	900	905	913	rVB2	522385	937008	1.50%	0.105%
15	8.578	972	977	982	rVB3	339562	627056	1.01%	0.071%
16	8.678	989	994	999	rBV	492079	860637	1.38%	0.097%
17	9.142	1064	1073	1077	rBV	488526	914748	1.47%	0.103%
18	9.265	1086	1094	1101	rVV	839198	1488430	2.39%	0.168%
19	10.000	1210	1219	1222	rVV4	537426	1443466	2.32%	0.162%
20	10.035	1223	1225	1231	rVB3	497356	646053	1.04%	0.073%
21	10.252	1255	1262	1268	rVV5	455883	1394977	2.24%	0.157%
22	10.305	1268	1271	1278	rVV	589213	945016	1.52%	0.106%
23	10.458	1288	1297	1305	rVB5	531583	1253066	2.01%	0.141%
24	10.699	1328	1338	1352	rVB3	695387	1636259	2.62%	0.184%
25	10.840	1352	1362	1366	rBV2	1007519	2661673	4.27%	0.300%
26	10.887	1366	1370	1378	rVV	861061	1691820	2.71%	0.190%
27	11.257	1428	1433	1440	rVB3	419671	811626	1.30%	0.091%
28	11.398	1450	1457	1464	rBV2	438899	766316	1.23%	0.086%
29	12.491	1634	1643	1650	rVB	647586	1251417	2.01%	0.141%
30	12.708	1674	1680	1689	rBV	453734	798405	1.28%	0.090%
31	13.490	1809	1813	1820	rVB2	768136	1255213	2.01%	0.141%
32	13.977	1885	1896	1902	rBV2	688784	1884691	3.02%	0.212%
33	14.060	1907	1910	1912	rVV	611607	813444	1.30%	0.092%
34	14.089	1912	1915	1922	rVV2	681330	1485662	2.38%	0.167%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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	14.148	1922	1925	1929	rVB	691526	821367	1.32%	0.092%
36	14.195	1929	1933	1940	rBV5	453099	1049138	1.68%	0.118%
37	14.312	1949	1953	1956	rBV3	646684	897749	1.44%	0.101%
38	14.353	1956	1960	1963	rVV	724239	1017415	1.63%	0.115%
39	14.400	1963	1968	1976	rVV	2473496	3825607	6.14%	0.431%
40	14.500	1980	1985	1991	rVB	939522	1468893	2.36%	0.165%
41	14.565	1991	1996	2002	rBV4	888080	1649168	2.65%	0.186%
42	14.659	2003	2012	2014	rBV3	1445792	3070590	4.93%	0.346%
43	14.688	2014	2017	2020	rVV	1803885	2442464	3.92%	0.275%
44	14.723	2020	2023	2029	rVB	599057	824697	1.32%	0.093%
45	15.052	2075	2079	2085	rVB2	862939	1401810	2.25%	0.158%
46	15.182	2097	2101	2109	rVB2	580537	943984	1.51%	0.106%
47	15.323	2122	2125	2130	rVB3	559314	811549	1.30%	0.091%
48	15.452	2143	2147	2154	rBV6	871082	1565646	2.51%	0.176%
49	15.652	2177	2181	2185	rVB	852590	1224541	1.96%	0.138%
50	15.705	2185	2190	2194	rBV2	1006534	1704190	2.73%	0.192%
51	15.916	2220	2226	2231	rVB2	4764964	7310038	11.73%	0.823%
52	16.374	2301	2304	2305	rBV	871137	936890	1.50%	0.105%
53	16.398	2305	2308	2313	rVB	2108400	3005898	4.82%	0.338%
54	16.521	2323	2329	2334	rBV	5076066	7487392	12.01%	0.843%
55	16.639	2343	2349	2354	rVB	7425531	11057897	17.74%	1.245%
56	16.933	2395	2399	2403	rBV2	2460788	3741709	6.00%	0.421%
57	16.980	2404	2407	2410	rVV2	766826	1018059	1.63%	0.115%
58	17.168	2437	2439	2443	rBV2	590065	635216	1.02%	0.071%
59	17.221	2445	2448	2453	rVB	1705968	2304775	3.70%	0.259%
60	17.297	2454	2461	2464	rBV2	11650442	20385017	32.70%	2.294%
61	17.332	2464	2467	2471	rVB	7068773	8880857	14.24%	1.000%
62	17.397	2474	2478	2482	rBV2	2583527	4736588	7.60%	0.533%
63	17.591	2505	2511	2518	rVB2	9105114	15986417	25.64%	1.799%
64	17.879	2553	2560	2563	rBV	12854748	27408250	43.96%	3.085%
65	17.908	2563	2565	2570	rVB2	11377191	13605407	21.82%	1.531%
66	18.031	2576	2586	2592	rVB	13882746	36953410	59.27%	4.159%
67	18.143	2598	2605	2611	rBV3	12631706	25476015	40.86%	2.867%
68	18.213	2612	2617	2621	rBV	6189868	9019987	14.47%	1.015%
69	18.266	2622	2626	2631	rVV	4692278	7201194	11.55%	0.811%
70	18.325	2633	2636	2646	rVV4	2153752	4142052	6.64%	0.466%
71	18.425	2649	2653	2657	rVV	4258700	6462953	10.37%	0.727%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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	18.513	2658	2668	2672	rVV	22626729	60387411	96.86%	6.797%
73	18.578	2672	2679	2682	rVV	22583664	49769458	79.83%	5.602%
74	18.619	2682	2686	2690	rVB	19561442	28209049	45.25%	3.175%
75	18.783	2707	2714	2717	rBV	14429038	23025945	36.93%	2.592%
76	18.825	2717	2721	2725	rVB	8630621	11352911	18.21%	1.278%
77	18.883	2726	2731	2732	rBV2	1957890	3234879	5.19%	0.364%
78	18.919	2732	2737	2740	rVV	10151674	15471969	24.82%	1.741%
79	18.948	2740	2742	2746	rVB	4753306	5366342	8.61%	0.604%
80	19.013	2749	2753	2755	rBV	2316837	3152666	5.06%	0.355%
81	19.048	2756	2759	2766	rVV5	2039951	3652925	5.86%	0.411%
82	19.183	2779	2782	2789	rVB3	2366747	3704304	5.94%	0.417%
83	19.253	2790	2794	2797	rVV2	2620768	4659051	7.47%	0.524%
84	19.347	2801	2810	2817	rVB3	19399980	62343752	100.00%	7.017%
85	19.424	2818	2823	2826	rVV2	9952128	12797695	20.53%	1.440%
86	19.547	2838	2844	2849	rBV3	12918570	19620581	31.47%	2.208%
87	19.629	2850	2858	2862	rVB3	19712729	44807487	71.87%	5.043%
88	19.694	2863	2869	2873	rVB	16216304	23969681	38.45%	2.698%
89	19.753	2876	2879	2883	rVB2	2923199	3562302	5.71%	0.401%
90	19.812	2884	2889	2893	rBV4	4503928	10042770	16.11%	1.130%
91	19.876	2897	2900	2904	rVB	7579199	9579386	15.37%	1.078%
92	19.953	2909	2913	2916	rVB	5105641	6694615	10.74%	0.754%
93	20.000	2917	2921	2924	rVV3	3833998	6411206	10.28%	0.722%
94	20.076	2924	2934	2938	rVB2	20424497	46547596	74.66%	5.239%
95	20.182	2949	2952	2955	rBV	3714968	4018825	6.45%	0.452%
96	20.329	2971	2977	2980	rBV3	17654644	28336794	45.45%	3.189%
97	20.382	2981	2986	2990	rVB	14616632	23342758	37.44%	2.627%
98	20.611	3020	3025	3028	rVB	14886145	20782580	33.34%	2.339%
99	20.652	3028	3032	3035	rBV	9591849	12792448	20.52%	1.440%
100	21.615	3190	3196	3204	rVB	10677338	22052146	35.37%	2.482%

Sum of corrected areas: 888468703

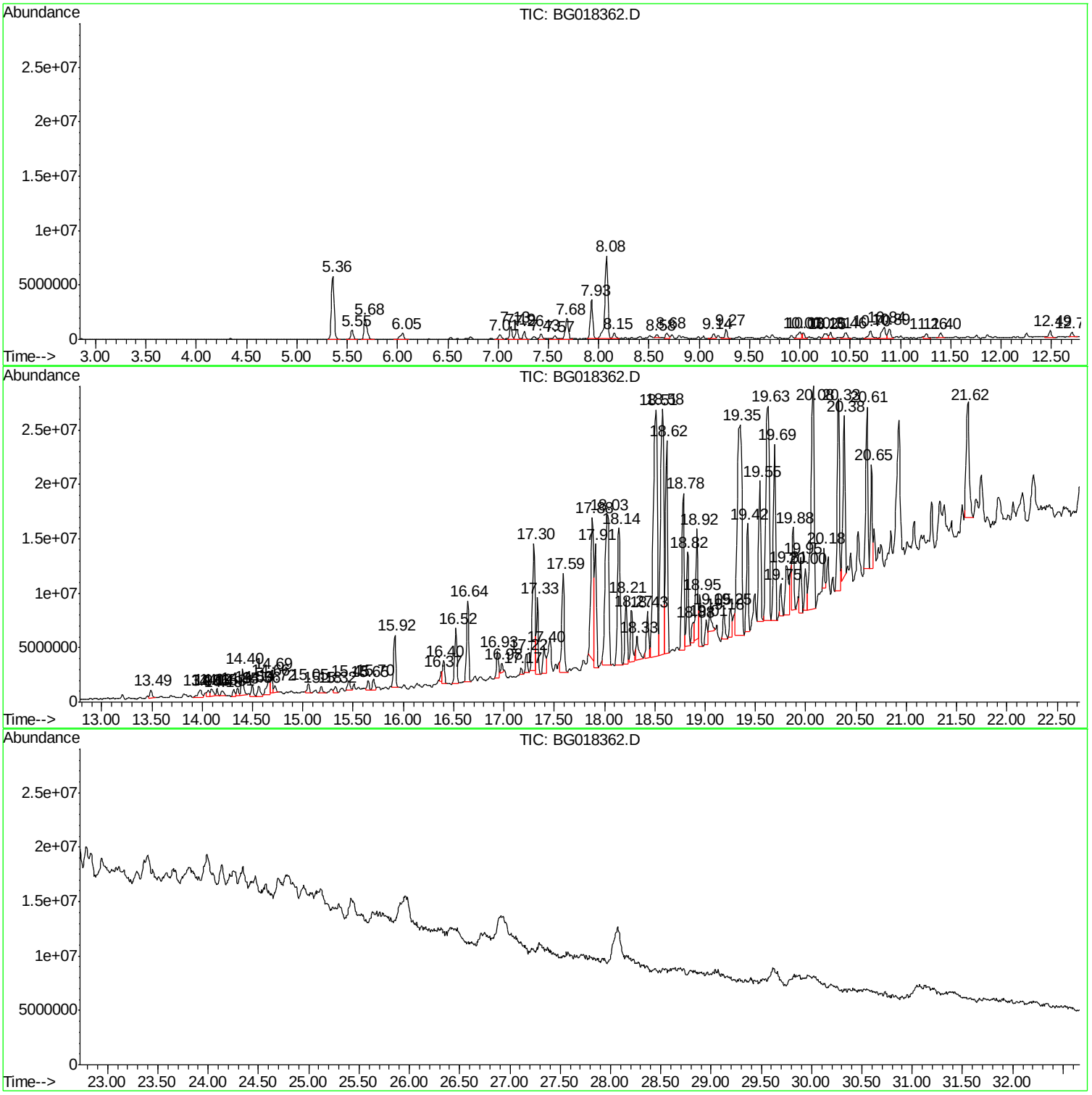
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P8

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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

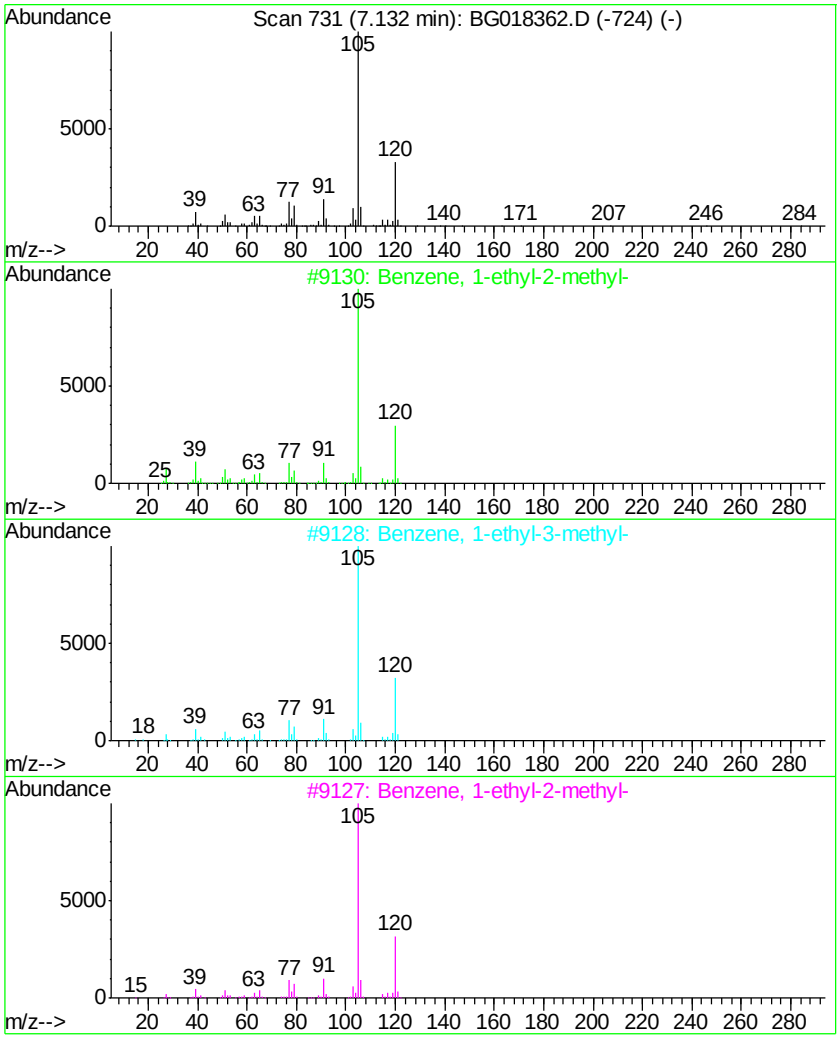
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

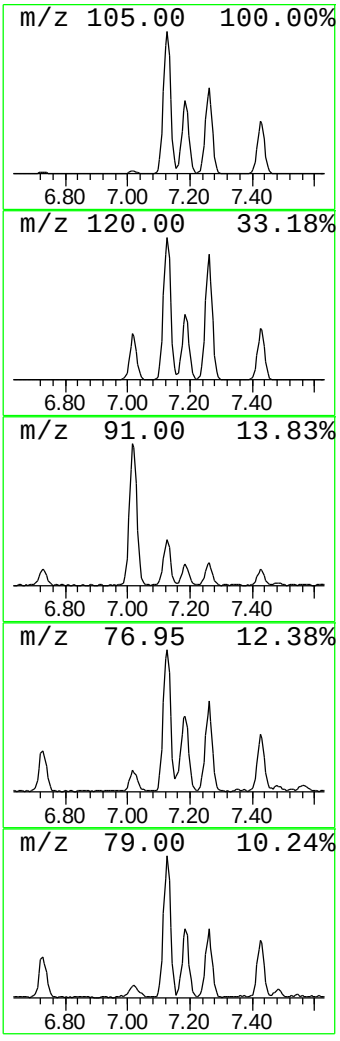
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	2.44 ng/ul	1911850	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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

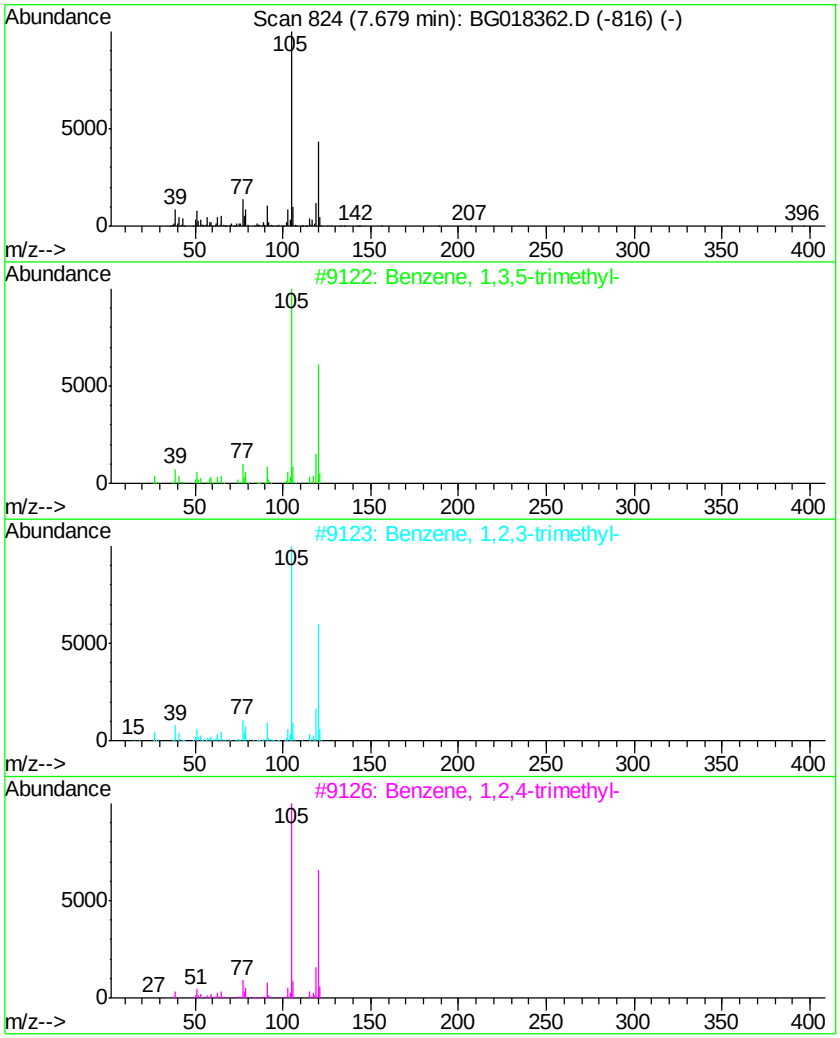
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

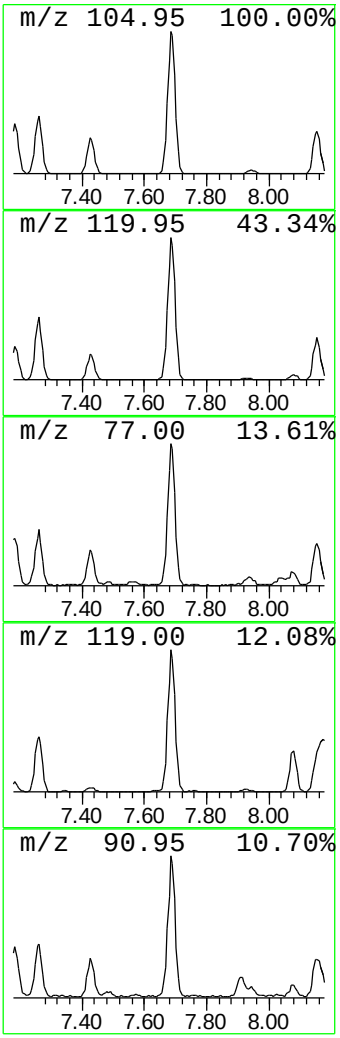
****

Peak Number 4 Benzene, 1,3,5-trimethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	4.82 ng/ul	3777440	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	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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

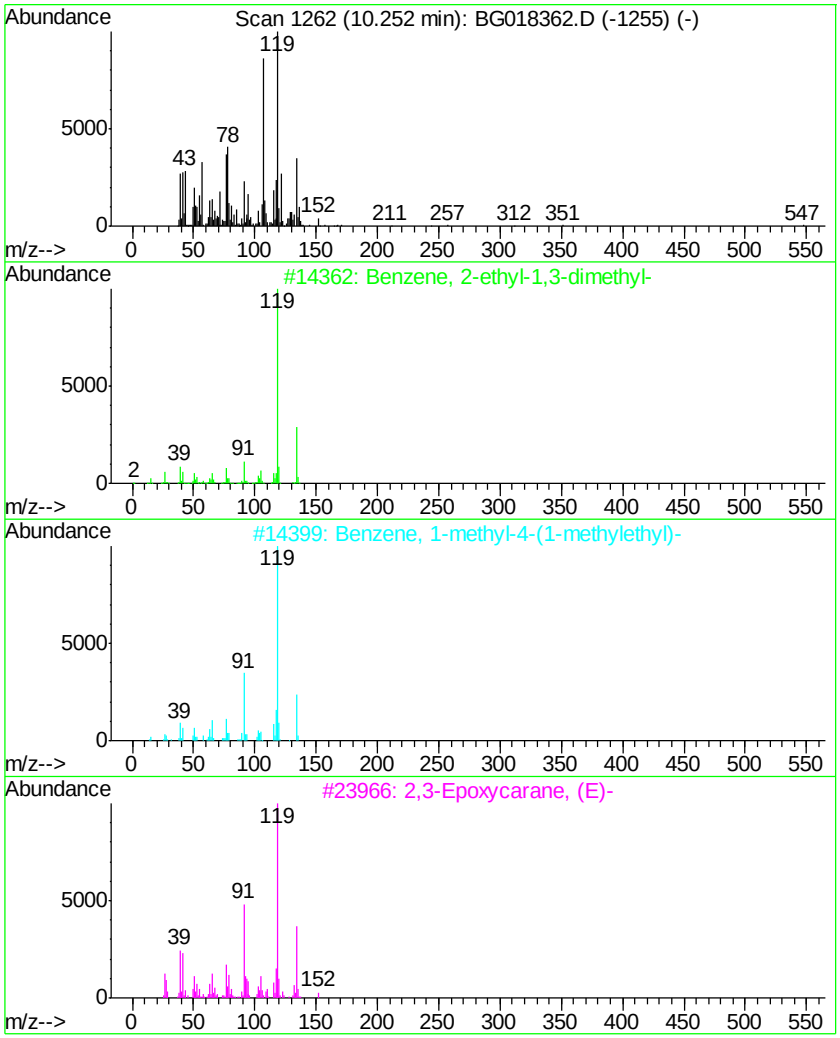
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

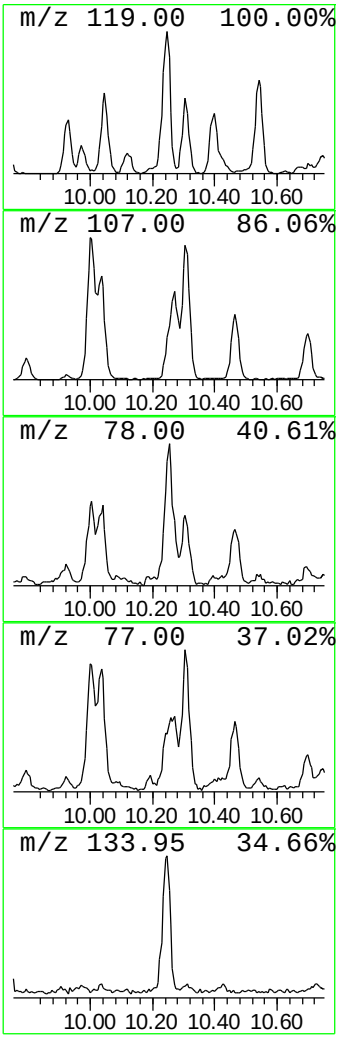
****

Peak Number 6 unknown-01 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	10.48 ng/ul	1394980	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	38
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	38
3	2,3-Epoxycarane, (E)-	152	C10H16O	020053-58-1	38
4	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	38
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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

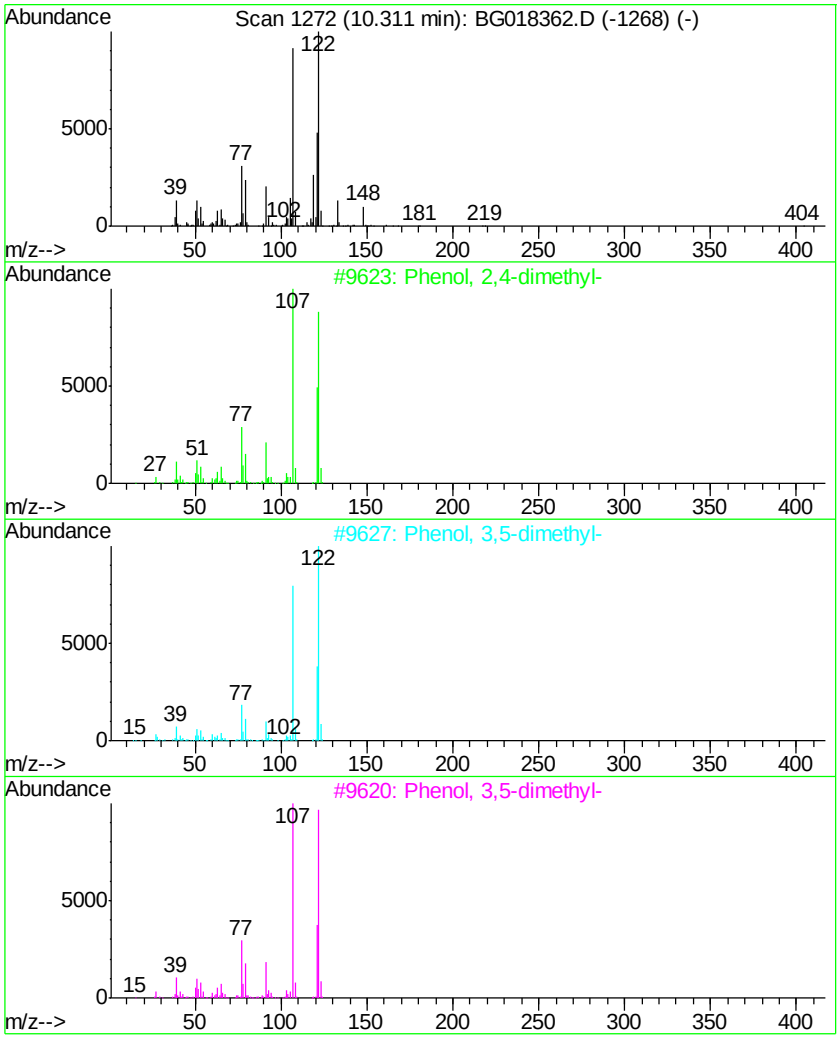
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

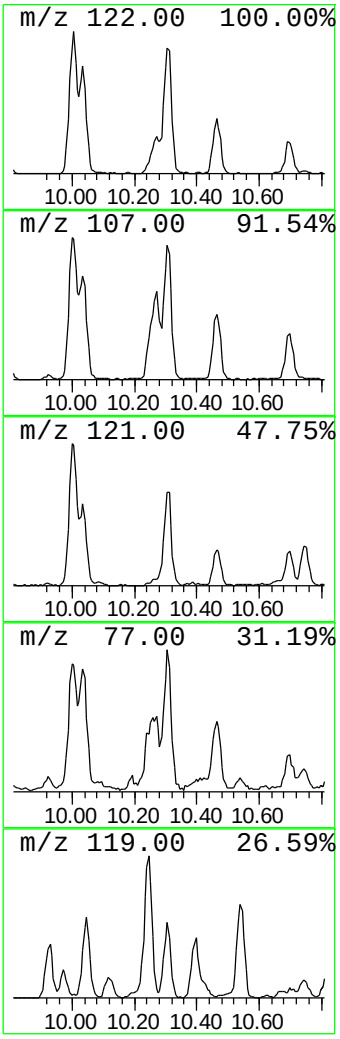
****

Peak Number 7 Phenol, 2,4-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	7.10 ng/ul	945016	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	94
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	89
4	Benzenemethanol, 4-methyl-	122	C8H10O	000589-18-4	83
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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

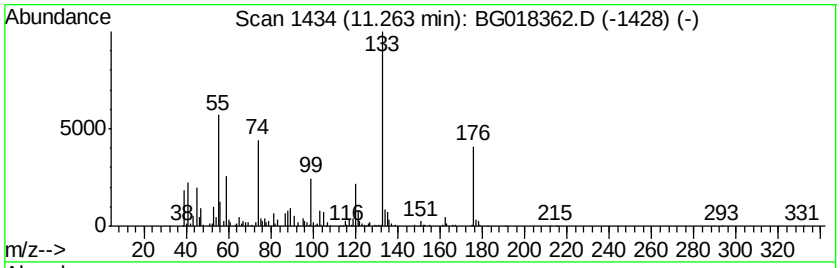
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

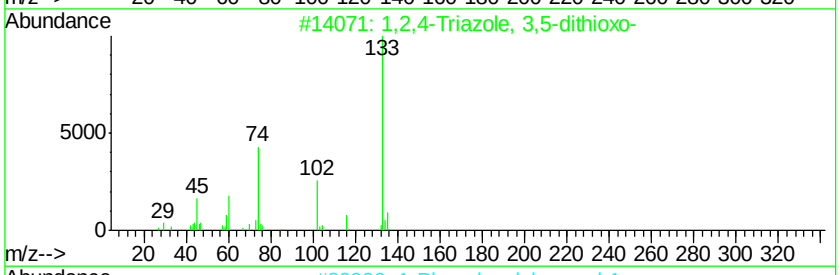
****

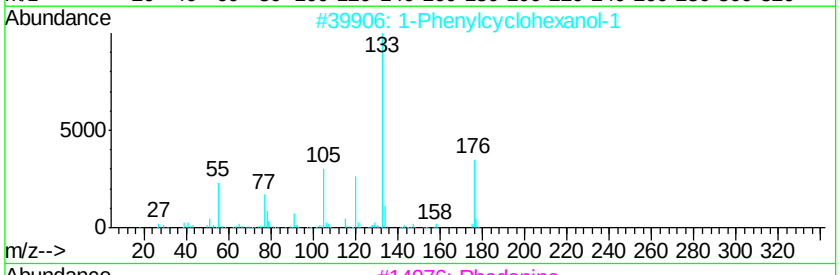
Peak Number 9 unknown-02 Concentration Rank 50

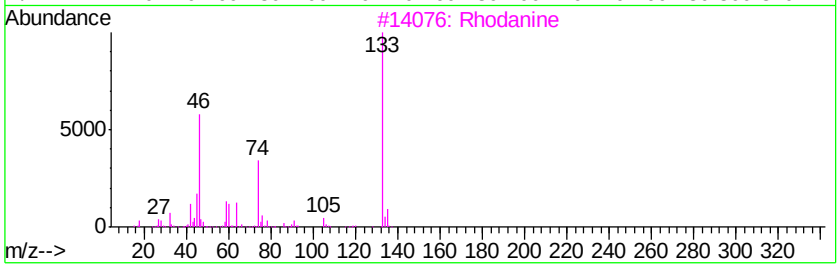
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	6.10 ng/ul	811626	Naphthalene-d8	10.84

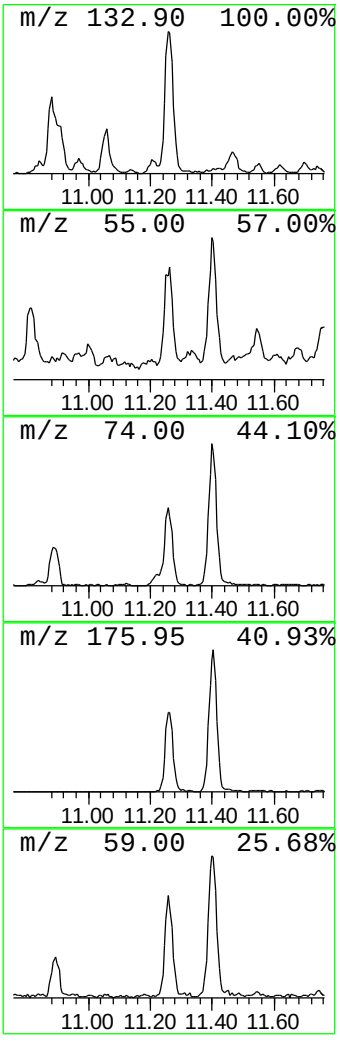
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	49
2	1-Phenylcyclohexanol-1	176	C12H16O	001589-60-2	43
3	Rhodanine	133	C3H3NOS2	000141-84-4	38
4	1,3,4-Thiadiazole-2(3H)-thione, ...	133	C2H3N3S2	002349-67-9	35
5	Rhodanine	133	C3H3NOS2	000141-84-4	32











Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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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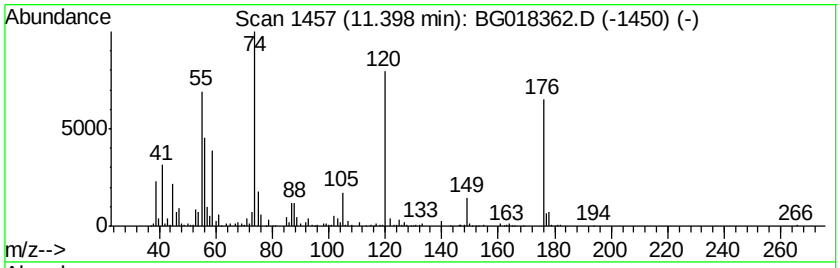
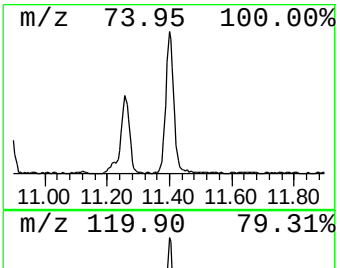
Peak Number 10 unknown-03 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	5.76 ng/ul	766316	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-Homoserine	119	C4H9NO3	001927-25-9	22
2	D-Ribo-Hexose, 2,6-dideoxy-3-O-m...	162	C7H14O4	013089-76-4	16
3	1,3,4-Thiadiazol-2-amine, 5-methyl-	115	C3H5N3S	000108-33-8	16
4	1,3-Dithiane	120	C4H8S2	000505-23-7	12
5	1,2-Dithiane	120	C4H8S2	000505-20-4	12





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Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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

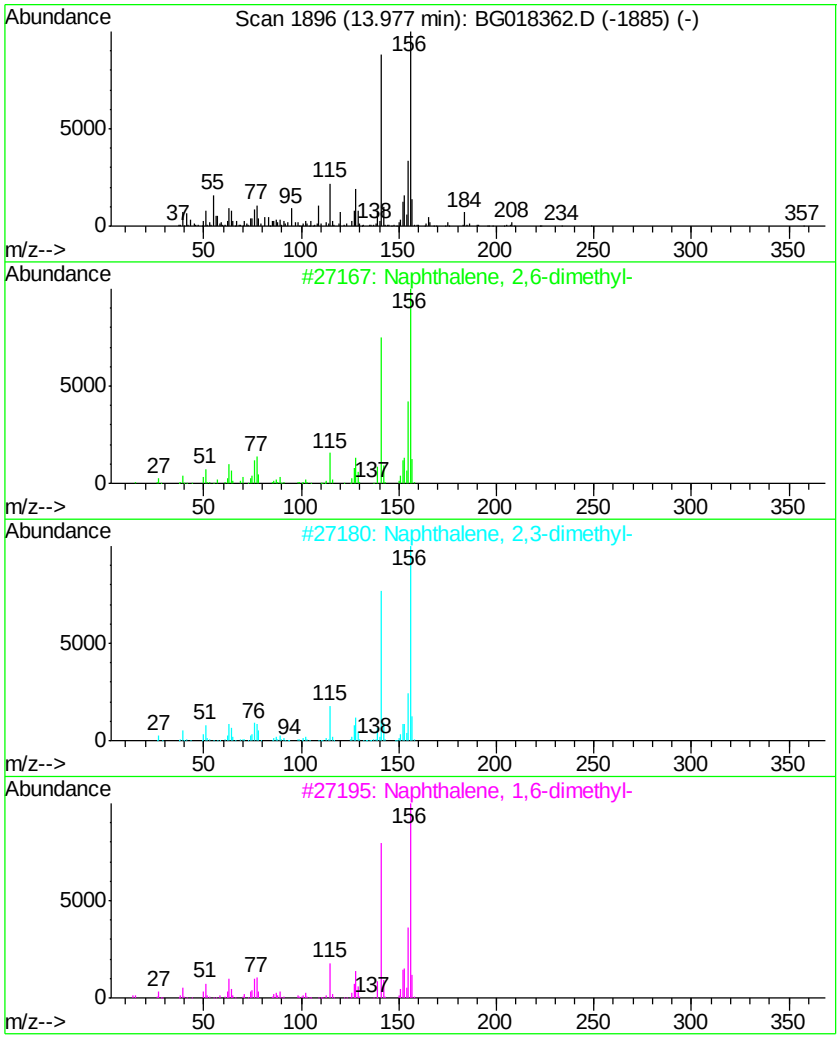
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

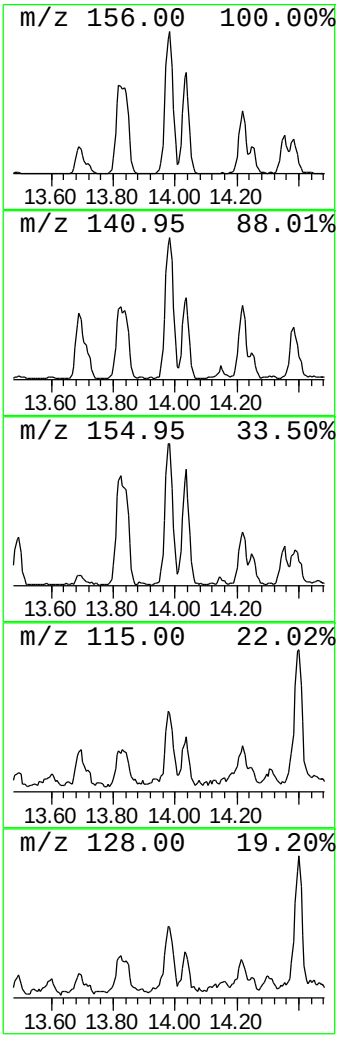
****

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	12.28 ng/ul	1884690	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Library Search Compound Report

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Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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

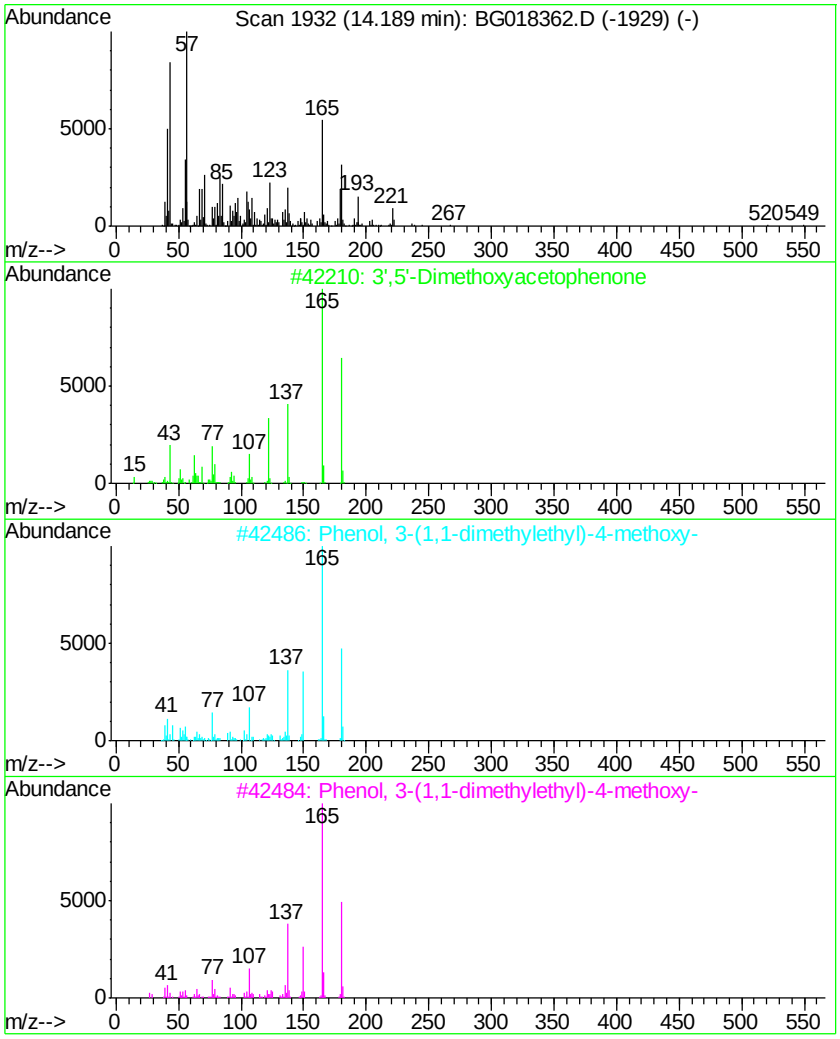
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

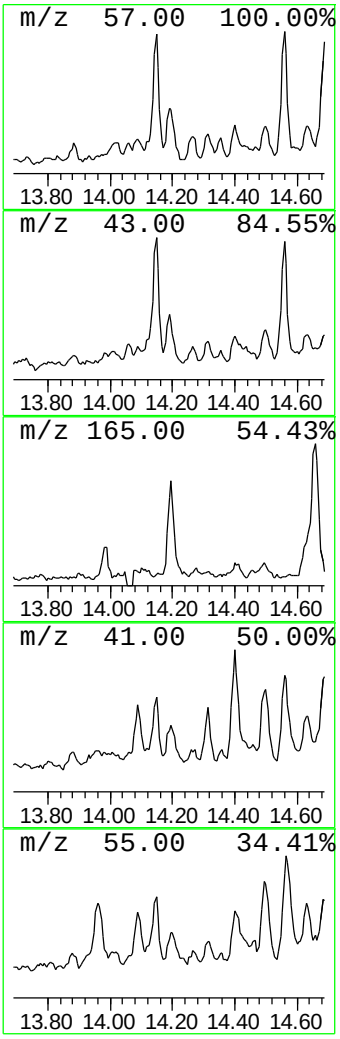
****

Peak Number 12 unknown-04 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	6.83 ng/ul	1049140	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3',5'-Dimethoxyacetophenone	180	C10H12O3	039151-19-4	42
2	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	38
3	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	38
4	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	38
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	30





Library Search Compound Report

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Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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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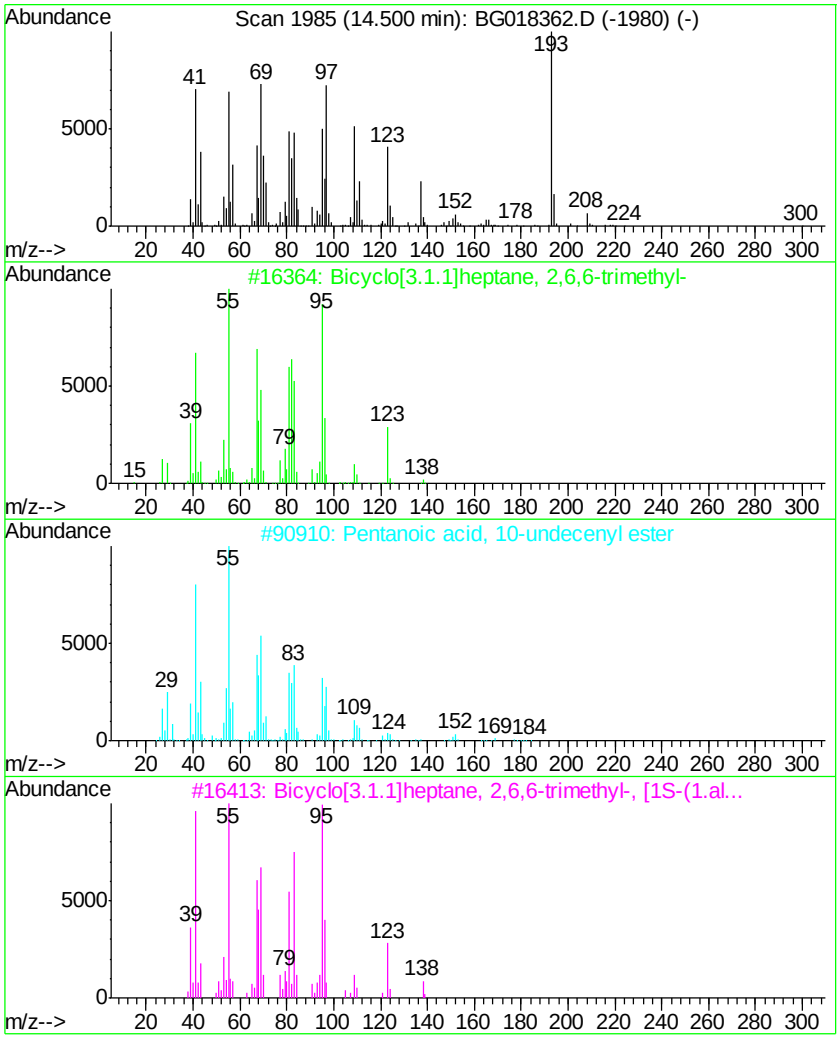
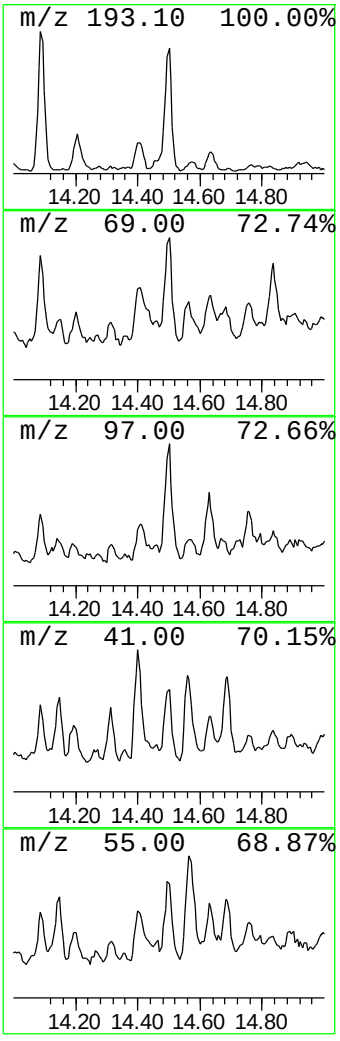
Peak Number 13 unknown-05 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	9.57 ng/ul	1468890	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	38
2	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	27
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	25
4	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	18
5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	18





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Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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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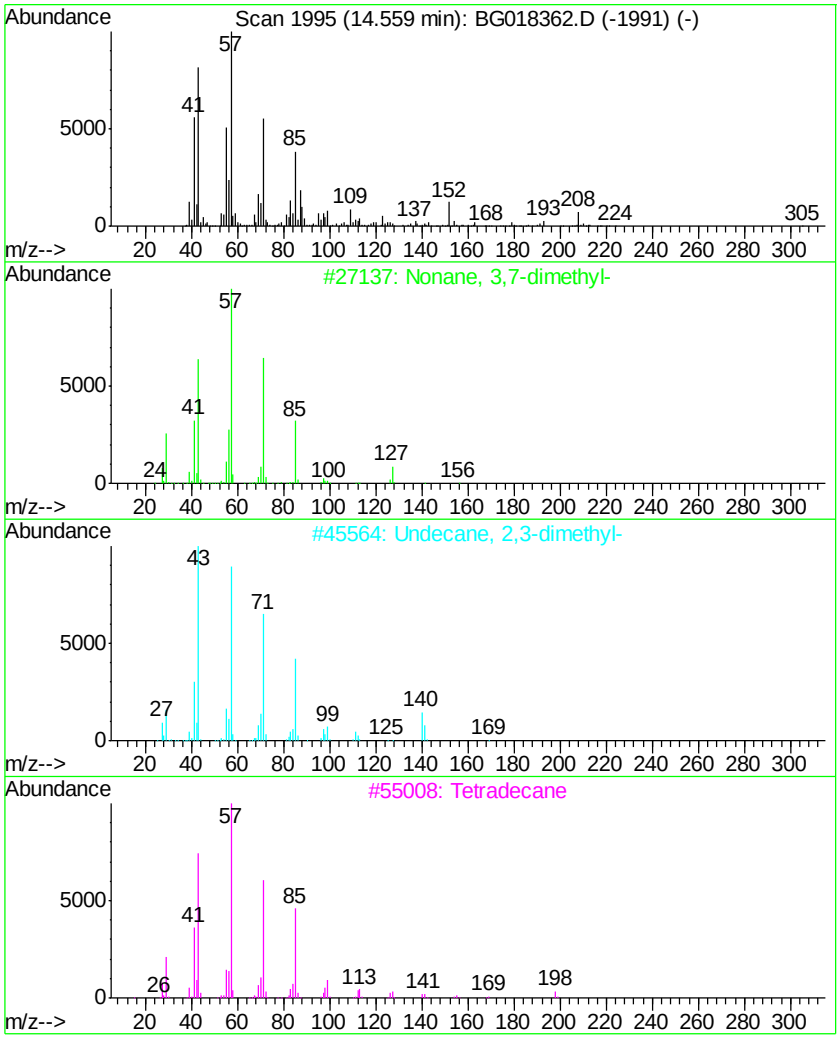
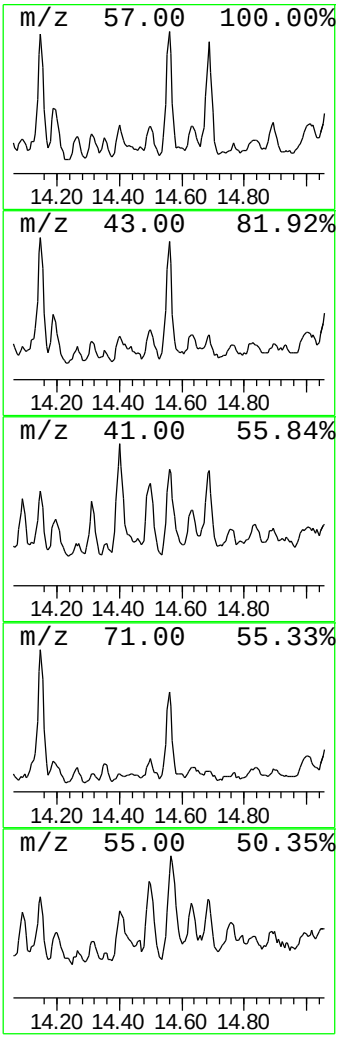
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	10.74 ng/ul	1649170	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	45
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	43
3	Tetradecane	198	C14H30	000629-59-4	43
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	43
5	Hexadecane	226	C16H34	000544-76-3	38





Library Search Compound Report

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Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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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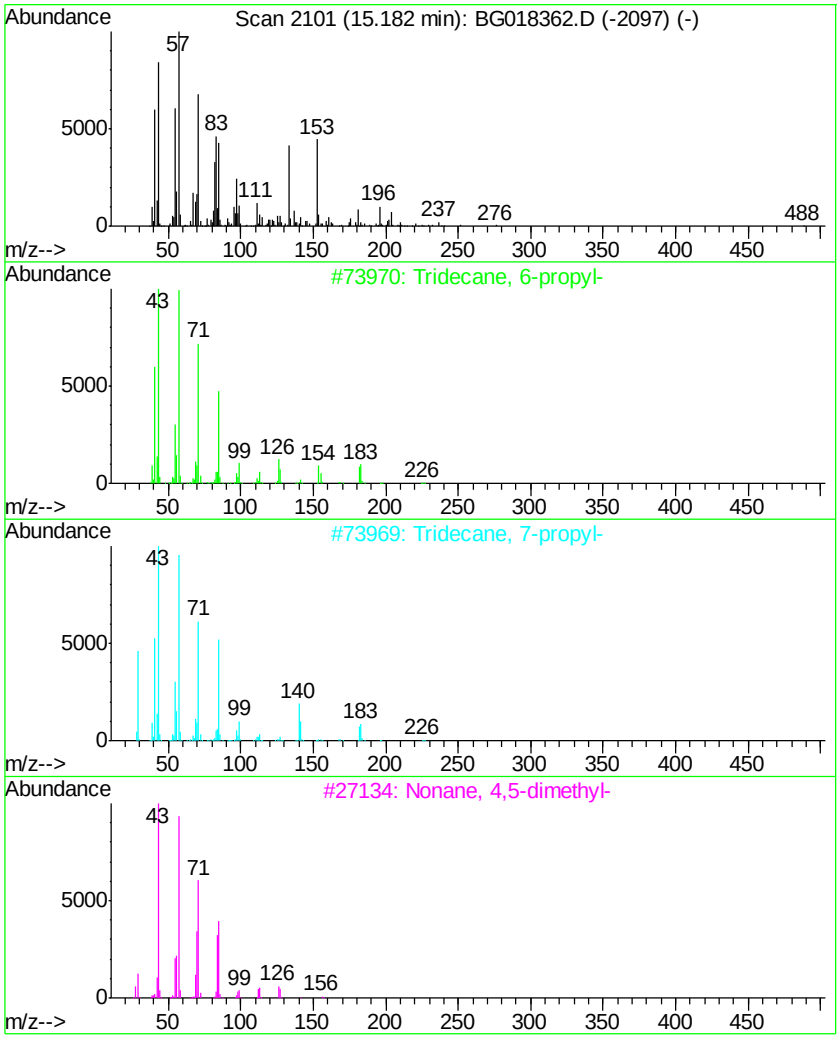
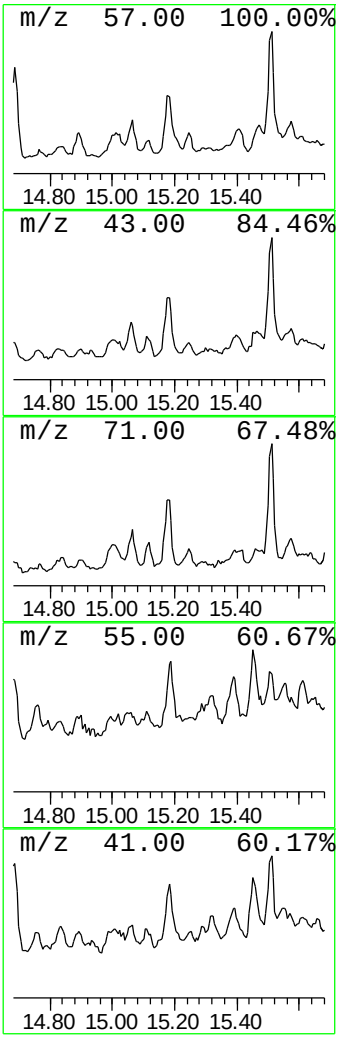
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	6.15 ng/ul	943984	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	38
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	38
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	35
4	Pentadecane	212	C15H32	000629-62-9	30
5	Eicosane	282	C20H42	000112-95-8	30





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Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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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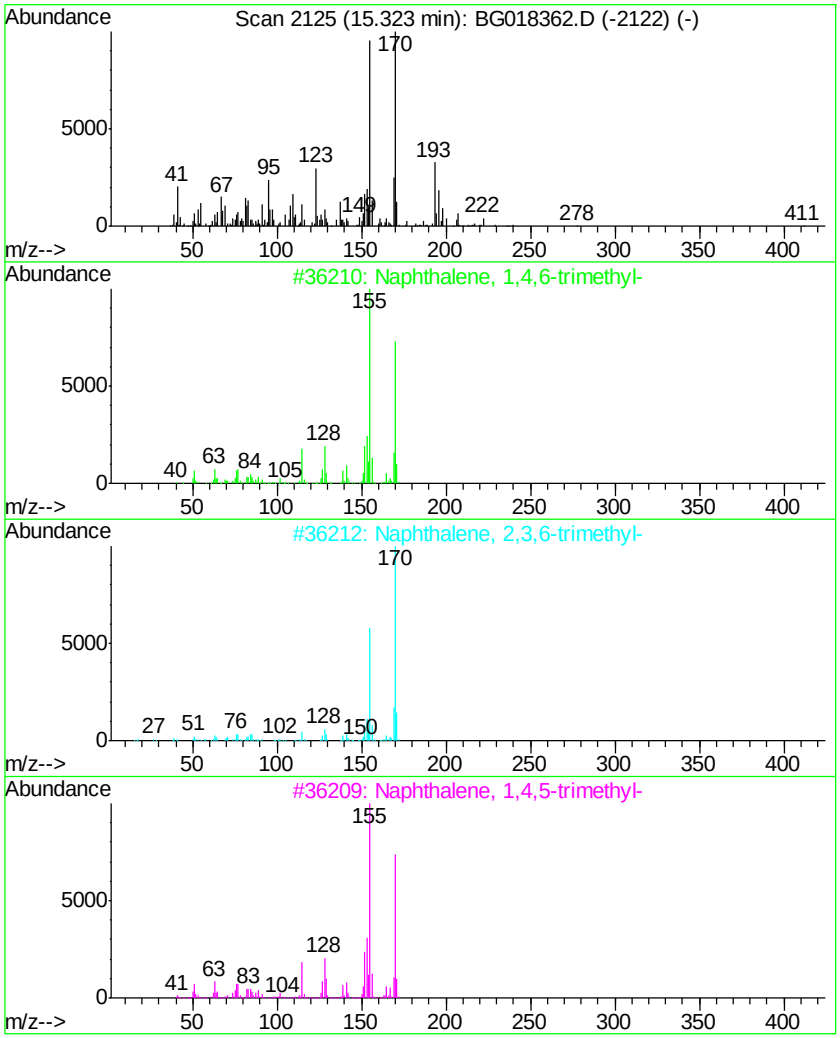
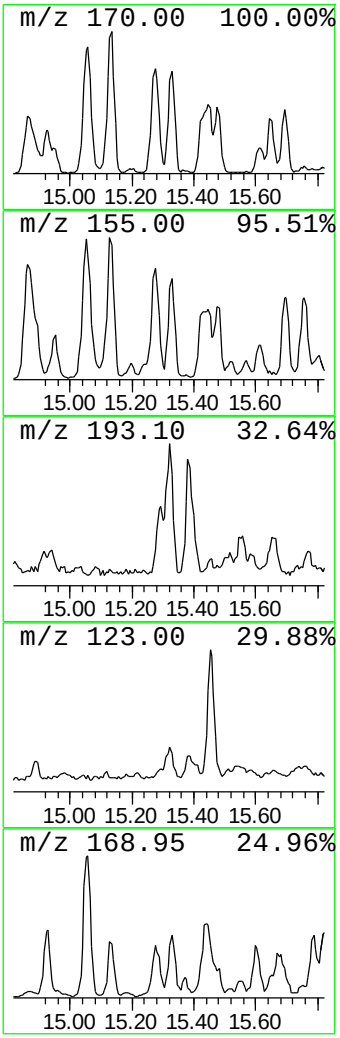
Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	5.29 ng/ul	811549	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64





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Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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Quant Title : SVOA CALIBRATION

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

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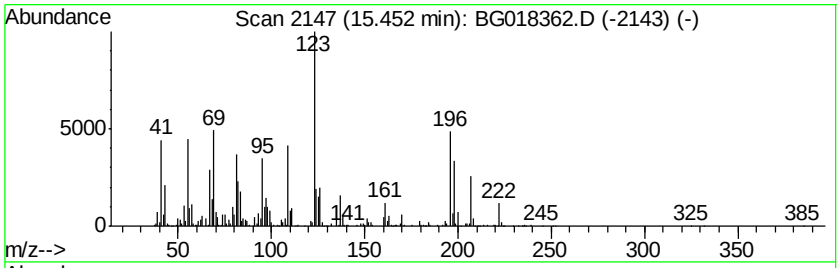
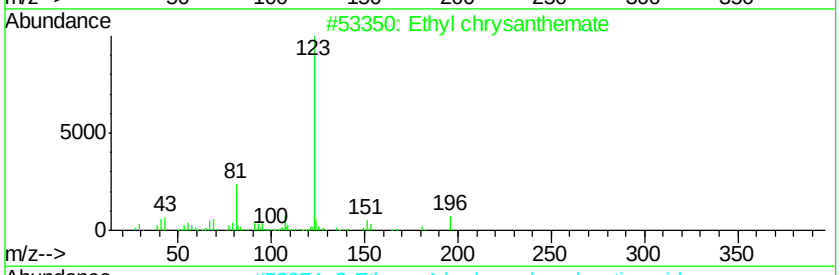
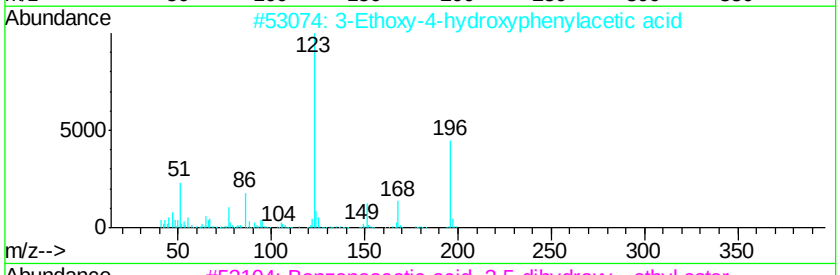
Peak Number 17 unknown-06 Concentration Rank 43

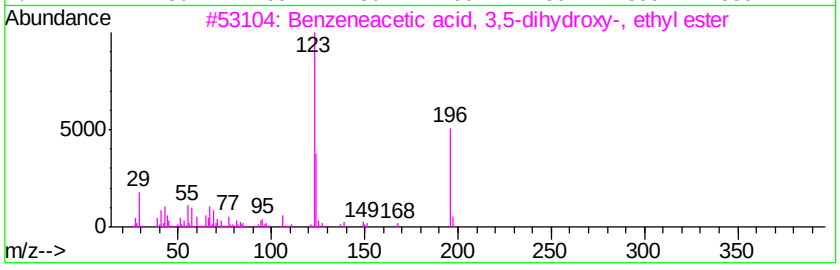
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	10.20 ng/ul	1565650	Acenaphthene-d10	14.66

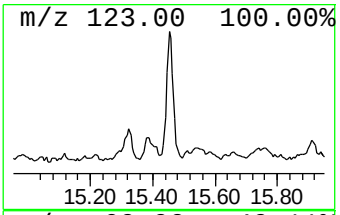
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl chrysanthemate	196	C12H20O2	000097-41-6	43
2	3-Ethoxy-4-hydroxyphenylacetic acid	196	C10H12O4	080018-50-4	35
3	Benzeneacetic acid, 3,5-dihydrox...	196	C10H12O4	066761-55-5	35
4	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	30
5	Photocitral a	152	C10H16O	1000292-85-0	27

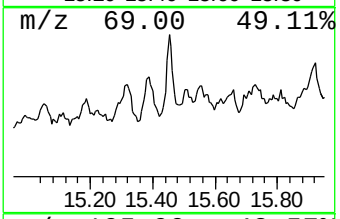


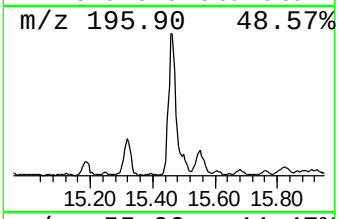


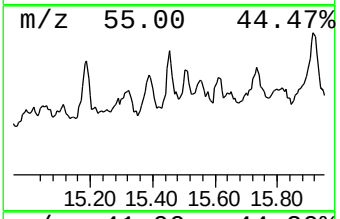


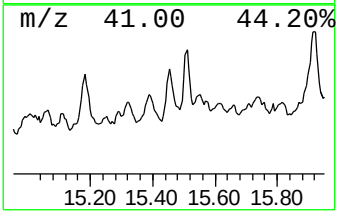












Library Search Compound Report

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Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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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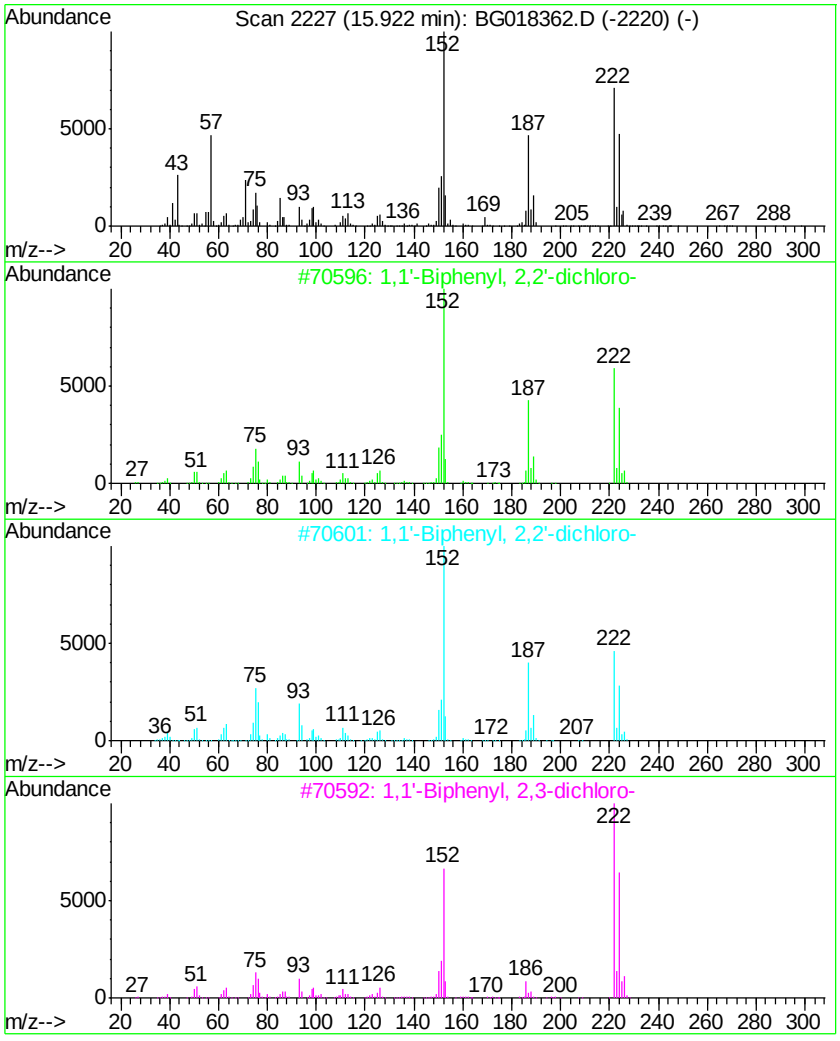
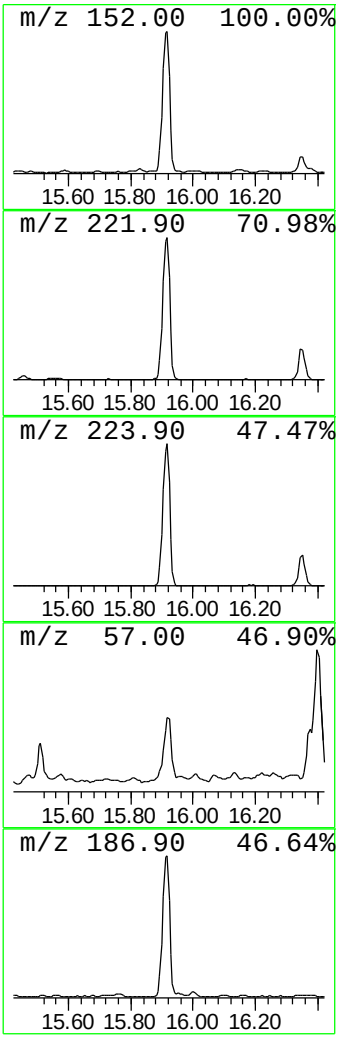
Peak Number 18 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	47.61 ng/ul	7310040	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
3	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	96
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	95
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	90





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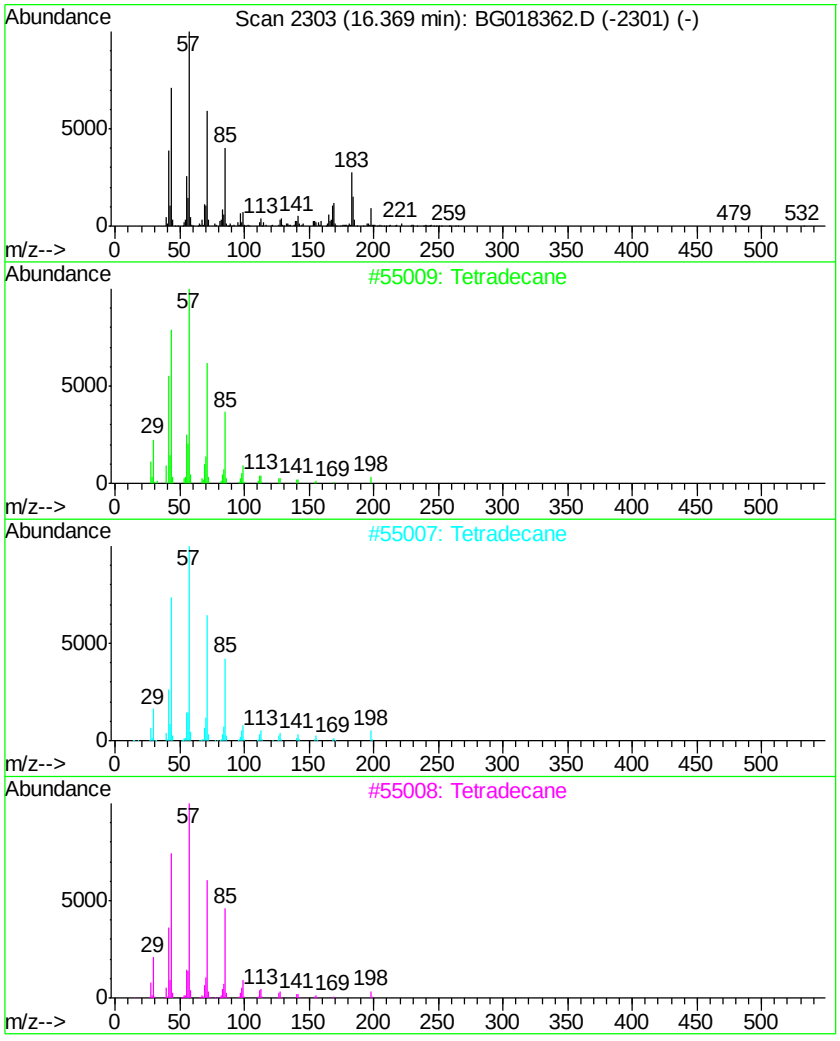
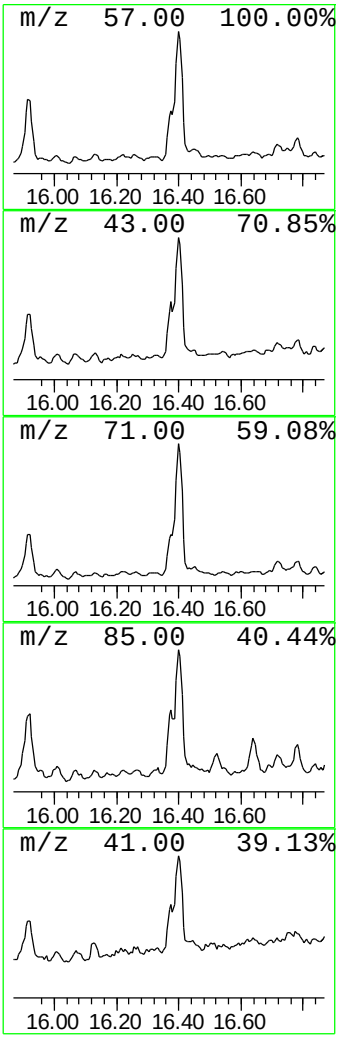
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	3.96 ng/ul	936890	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	70
2	Tetradecane	198	C14H30	000629-59-4	70
3	Tetradecane	198	C14H30	000629-59-4	70
4	Tetradecane	198	C14H30	000629-59-4	55
5	Tetratetracontane	619	C44H90	007098-22-8	49





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Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

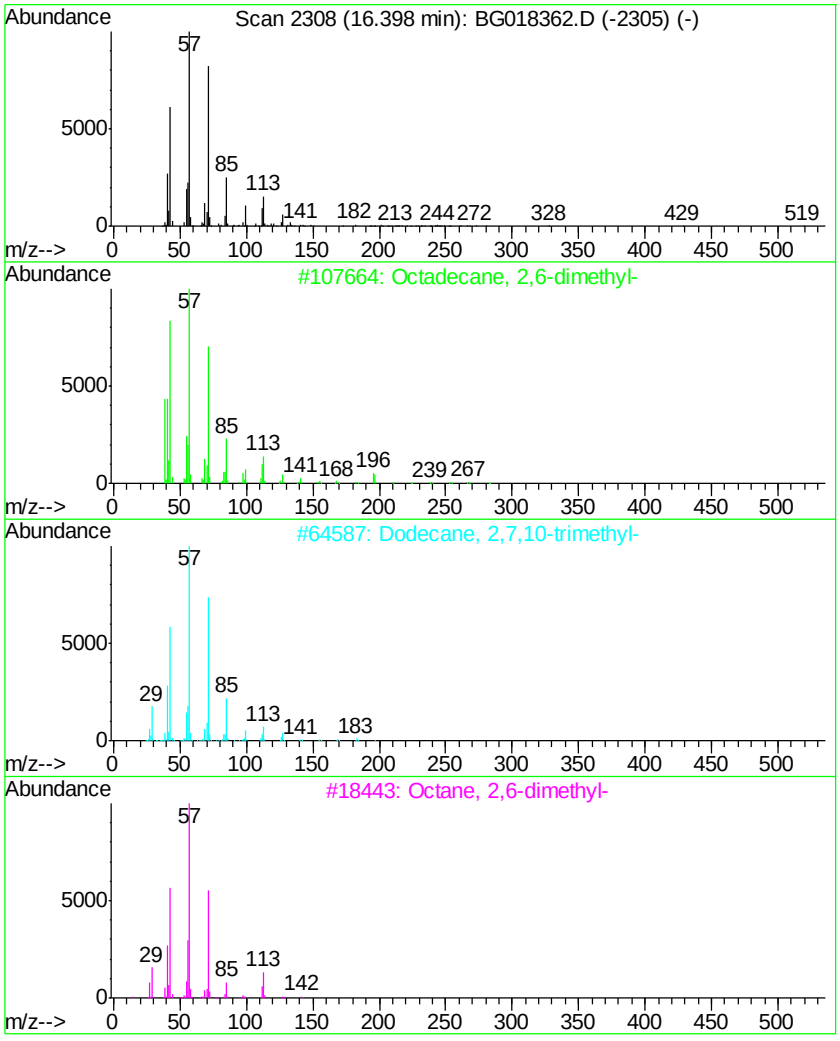
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

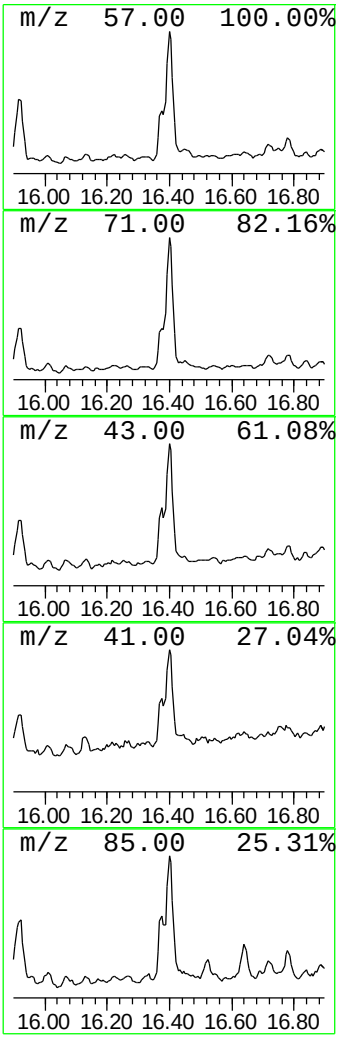
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	12.69 ng/ul	3005900	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





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Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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Quant Title : SVOA CALIBRATION

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

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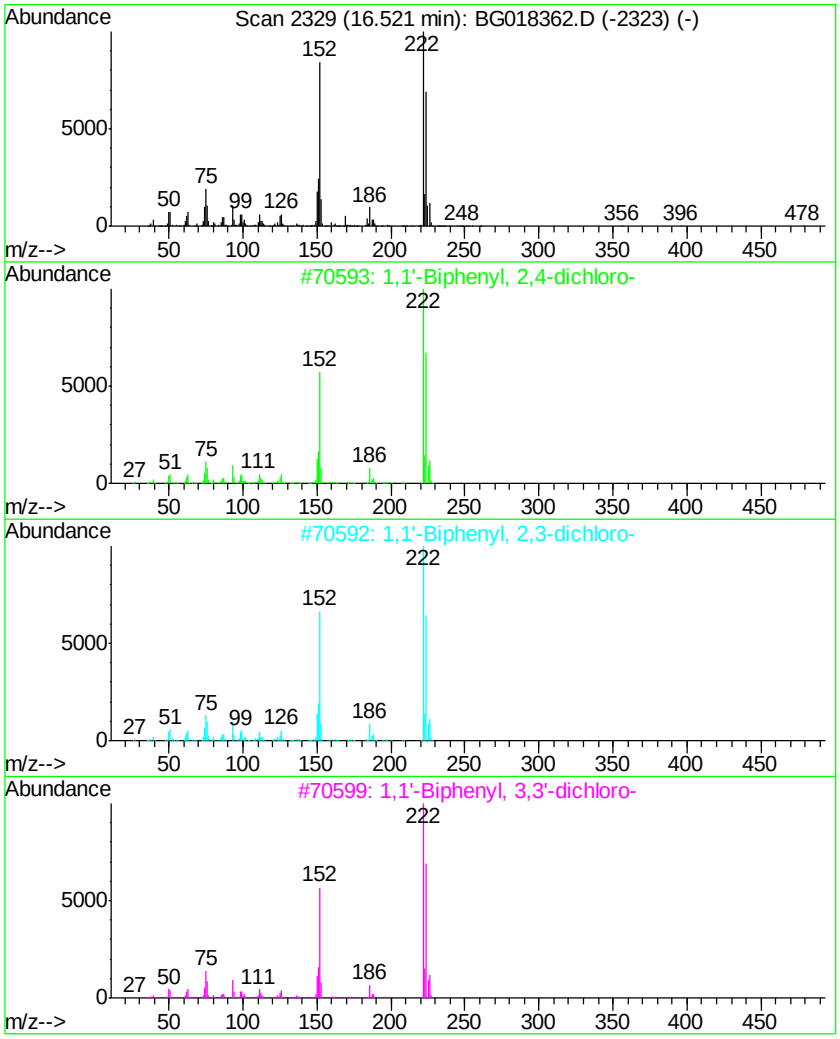
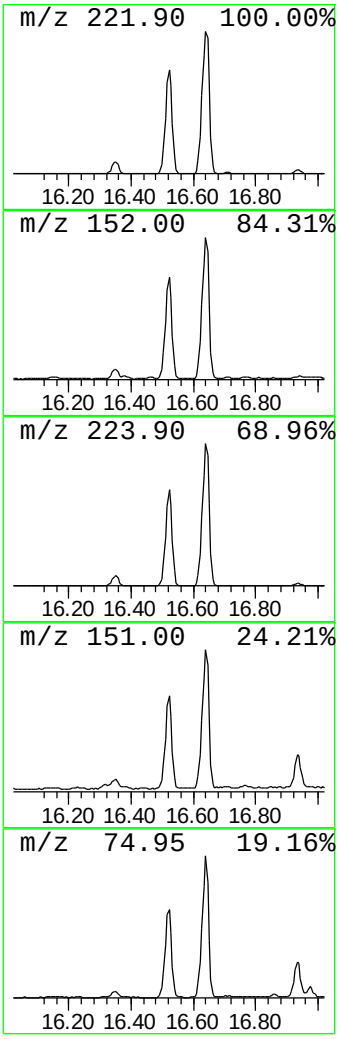
Peak Number 21 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	31.62 ng/ul	7487390	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	96
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	95





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Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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Quant Title : SVOA CALIBRATION

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

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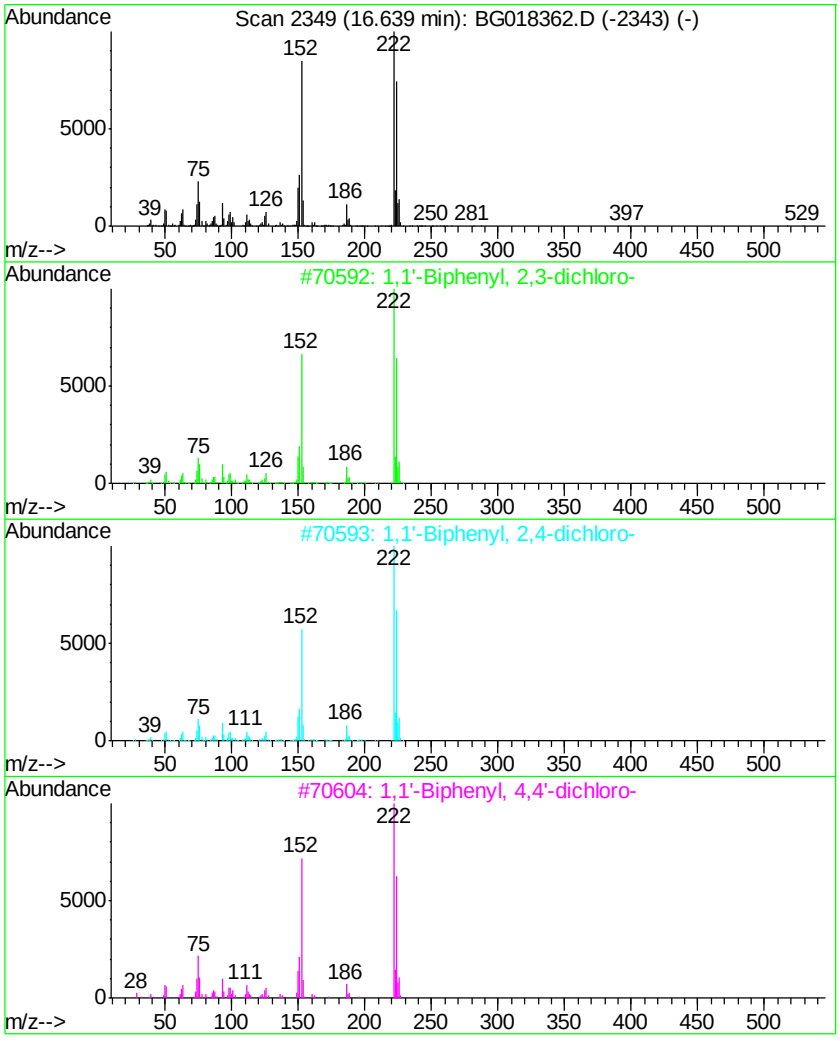
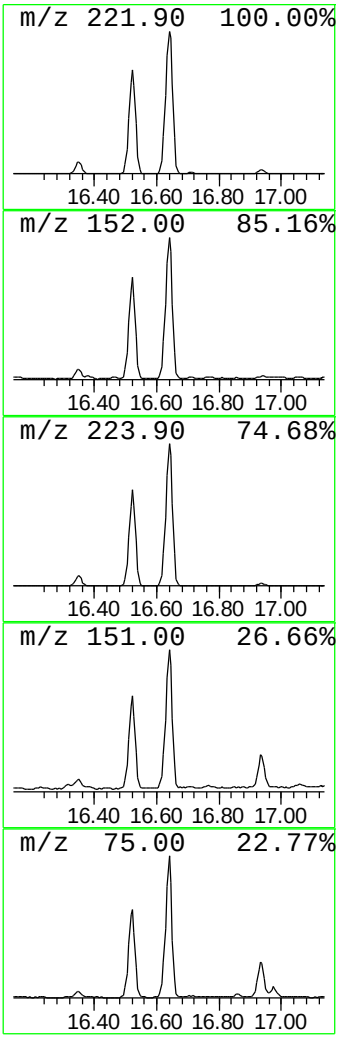
Peak Number 22 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	46.69 ng/ul	11057900	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
2	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
3	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98
4	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	96





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Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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Quant Title : SVOA CALIBRATION

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

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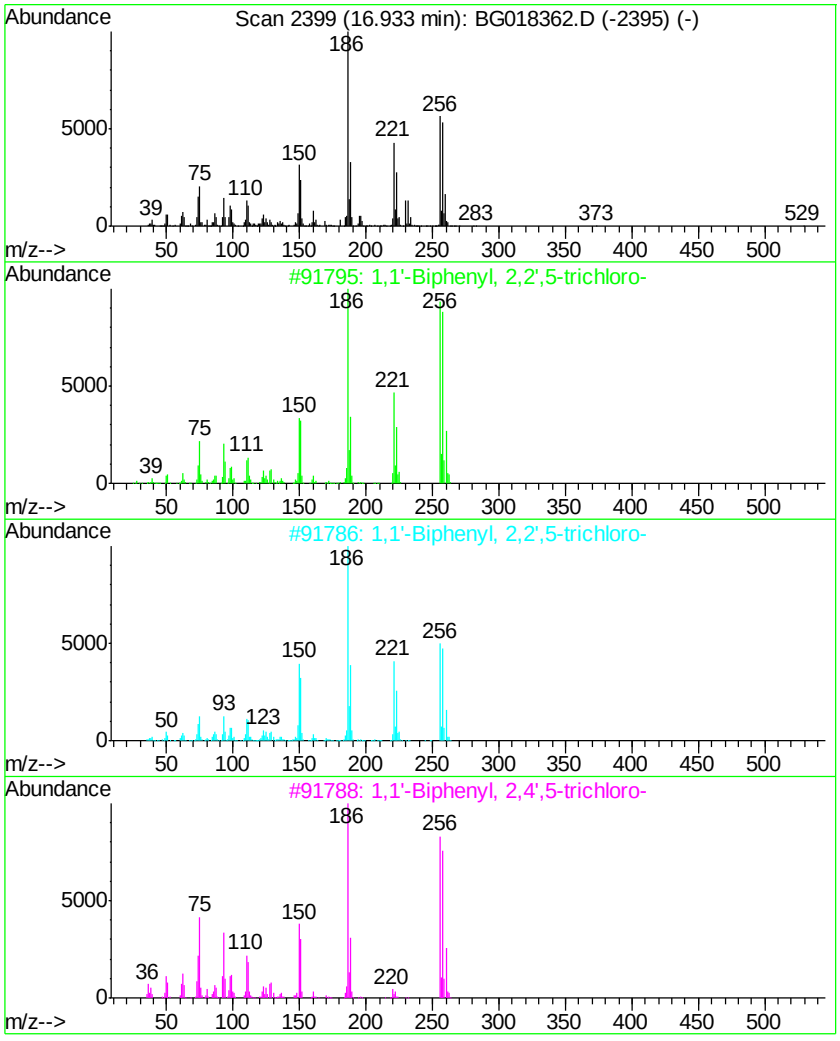
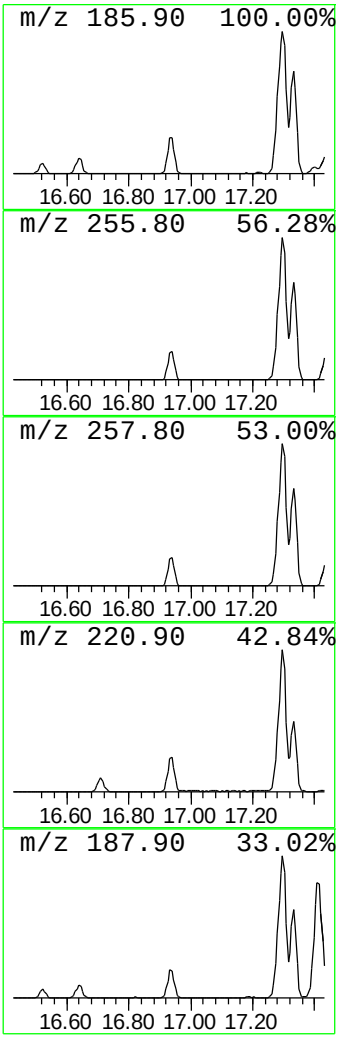
Peak Number 23 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	15.80 ng/ul	3741710	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	96
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	95





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Instrument : BNA_G
ClientSampleId : C01P8

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Quant Title : SVOA CALIBRATION

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

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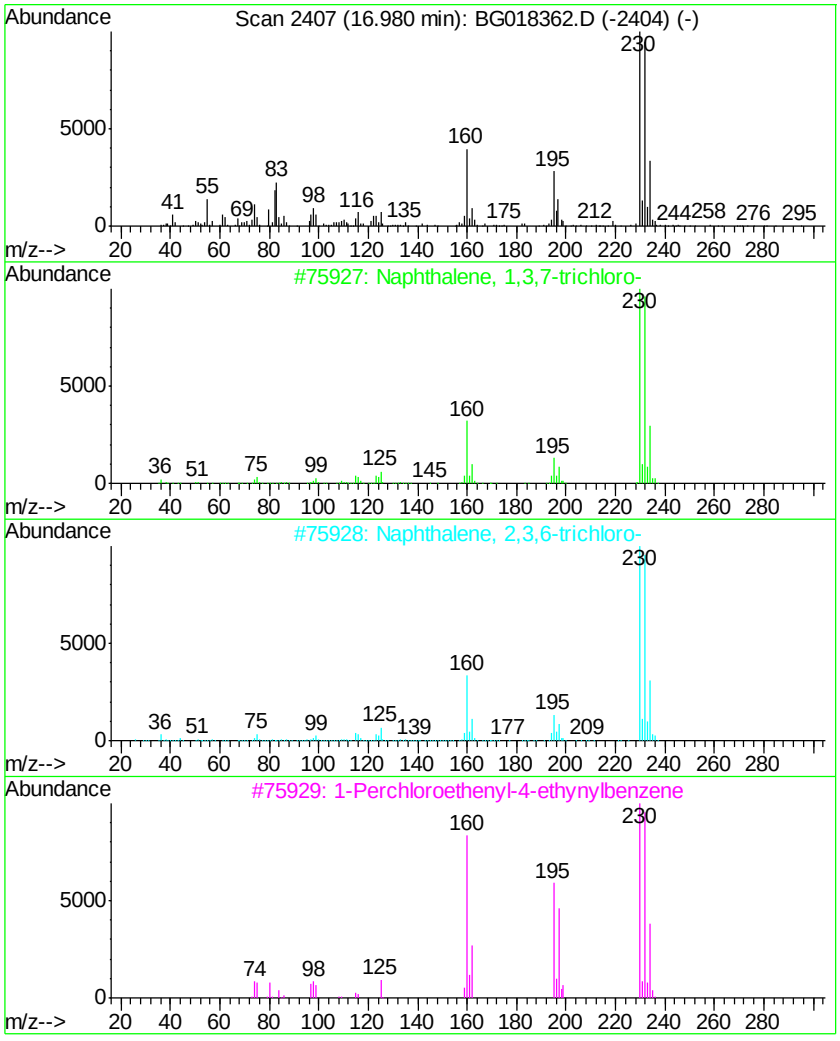
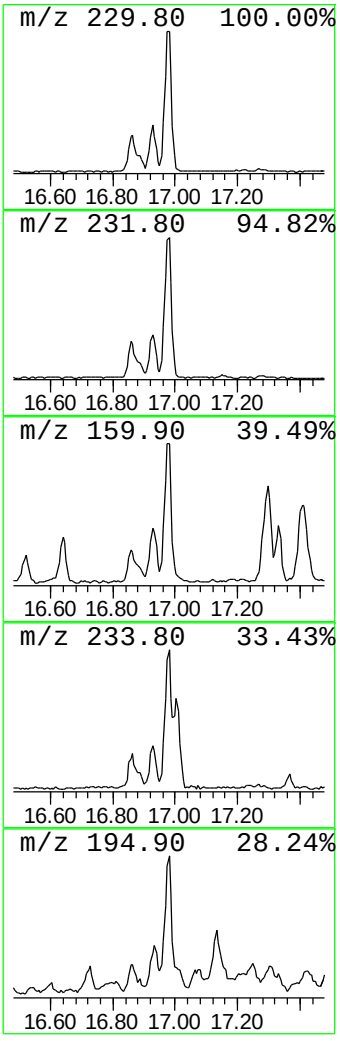
Peak Number 24 Naphthalene, 1,3,7-trichloro- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	4.30 ng/ul	1018060	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	98
2	Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	98
3	1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	89
4	Acenaphthylene, 1-bromo-	230	C12H7Br	054736-49-1	58
5	Benzenealdehyde, 2-bromo-5-hydro...	230	C8H7BrO3	002973-59-3	47





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Misc :
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Instrument : BNA_G
ClientSampleId : C01P8

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Quant Title : SVOA CALIBRATION

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

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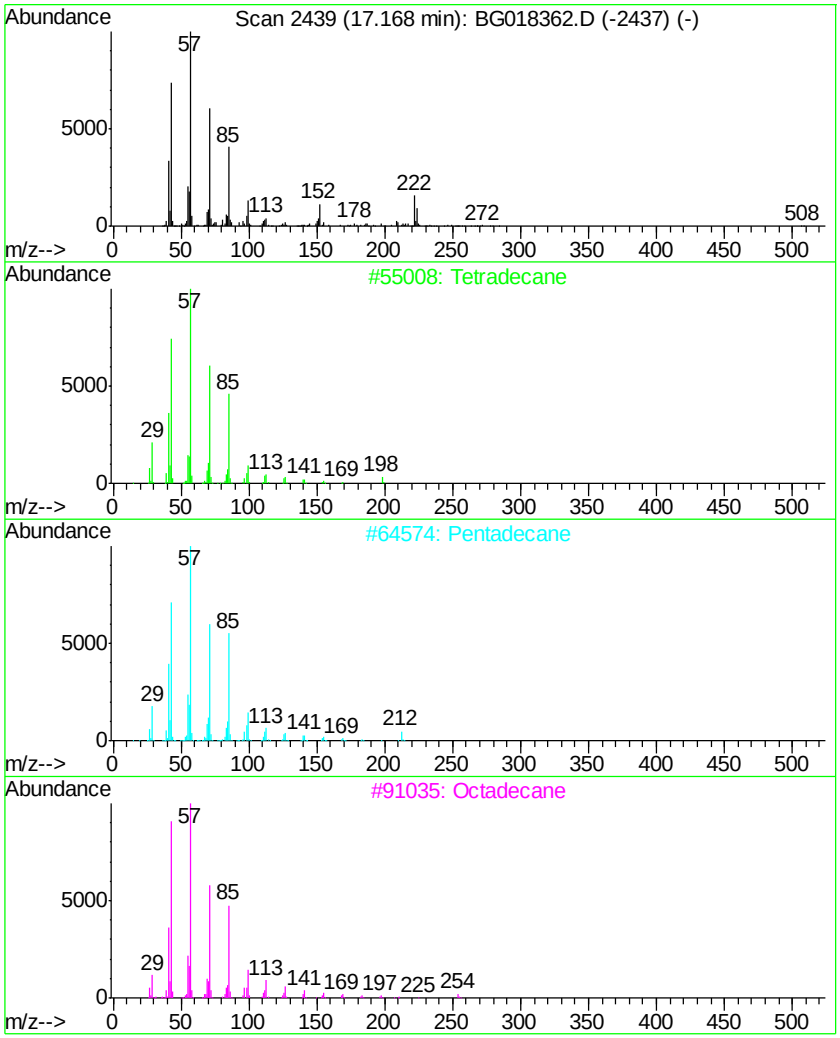
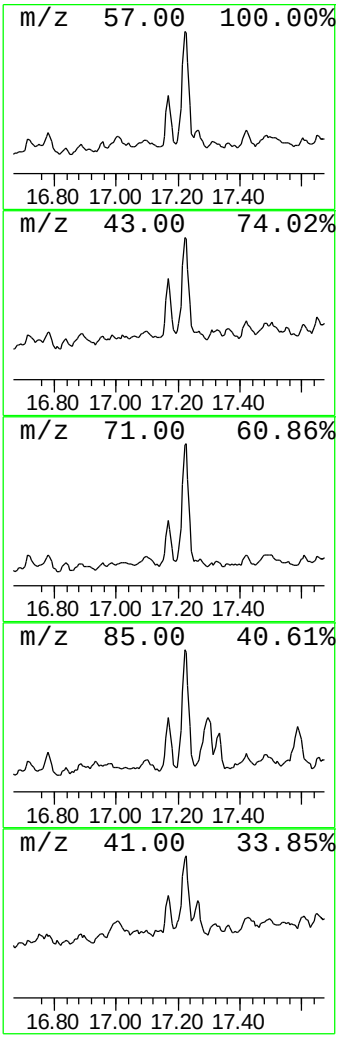
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	2.68 ng/ul	635216	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Pentadecane	212	C15H32	000629-62-9	60
3	Octadecane	254	C18H38	000593-45-3	59
4	Eicosane	282	C20H42	000112-95-8	59
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53





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Instrument : BNA_G
ClientSampleId : C01P8

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Quant Title : SVOA CALIBRATION

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

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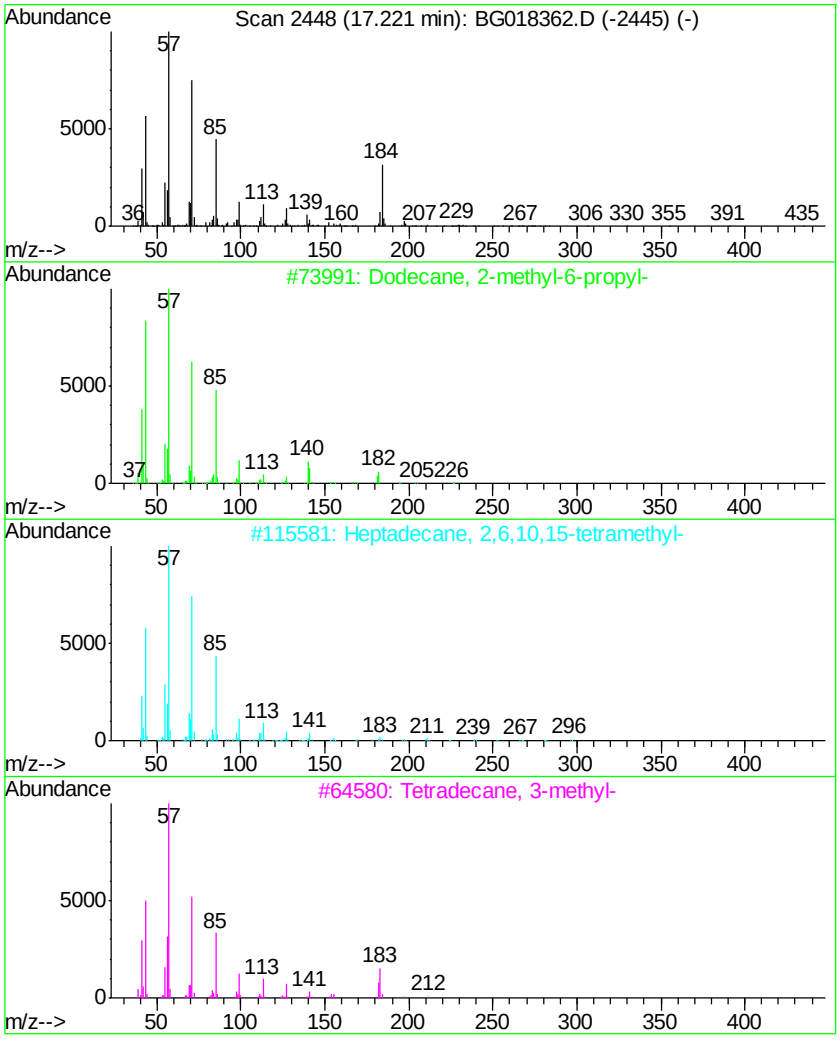
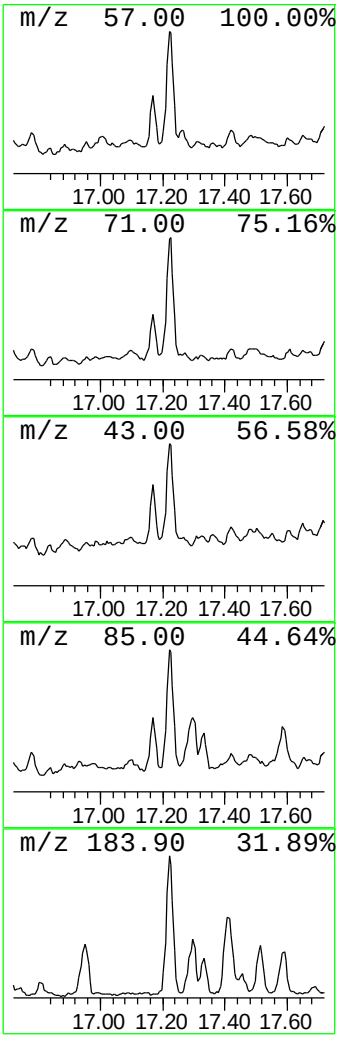
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	9.73 ng/ul	2304780	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	76
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
3	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Library Search Compound Report

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Sample : G3109-12
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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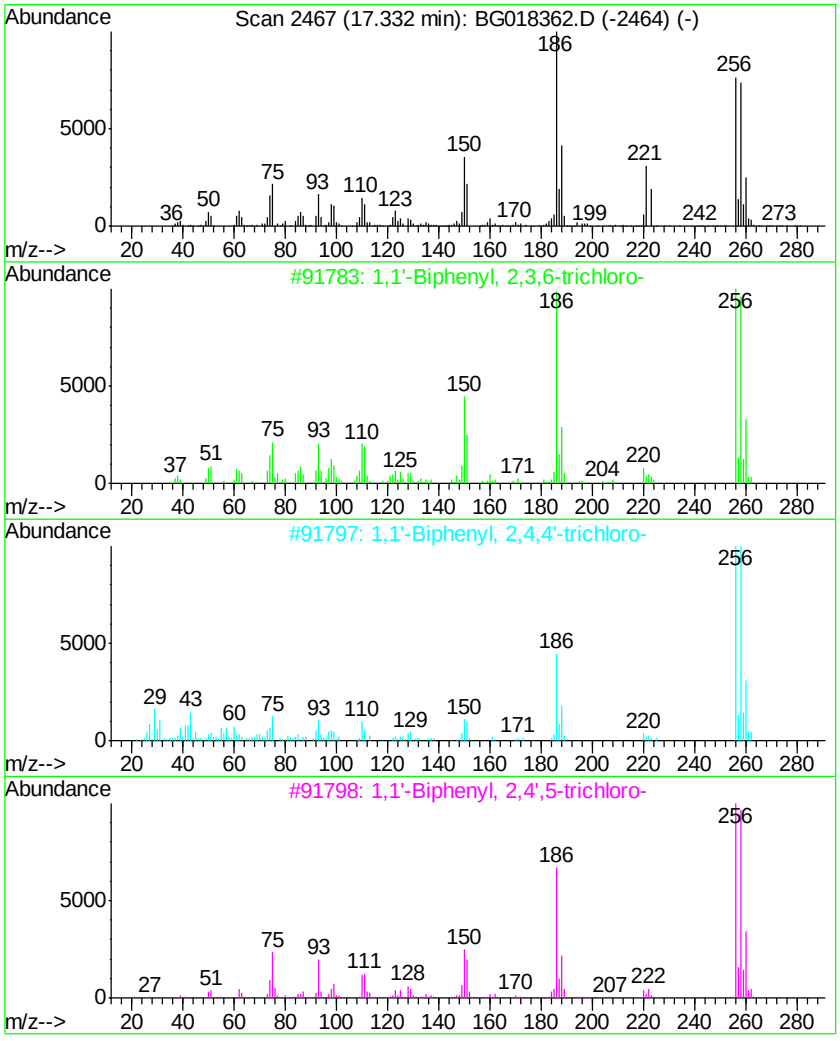
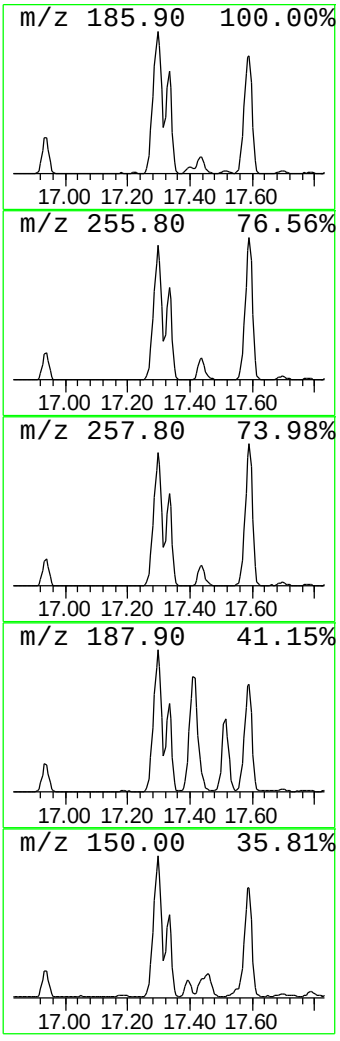
Peak Number 28 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	37.50 ng/ul	8880860	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	98
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97
5	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	96





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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 29 1,1'-Biphenyl, 2,3,3'-trich... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	115.73 ng/ul	27408300	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	96
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	95
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	94
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	93
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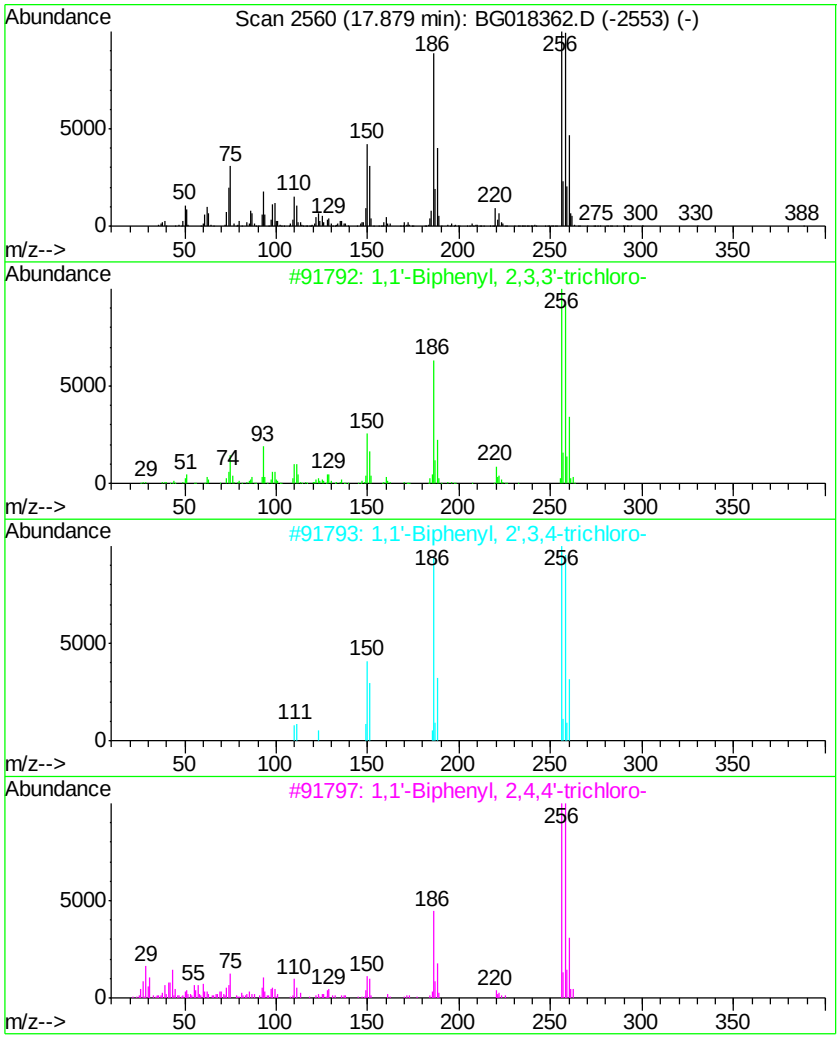

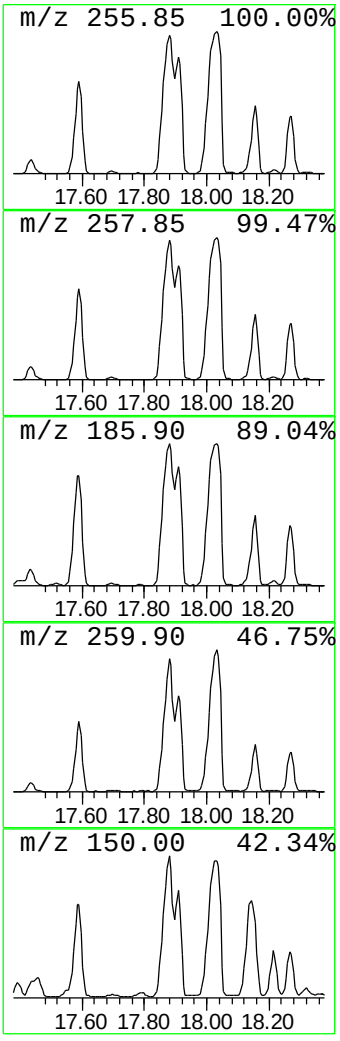

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Quant Title : SVOA CALIBRATION

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

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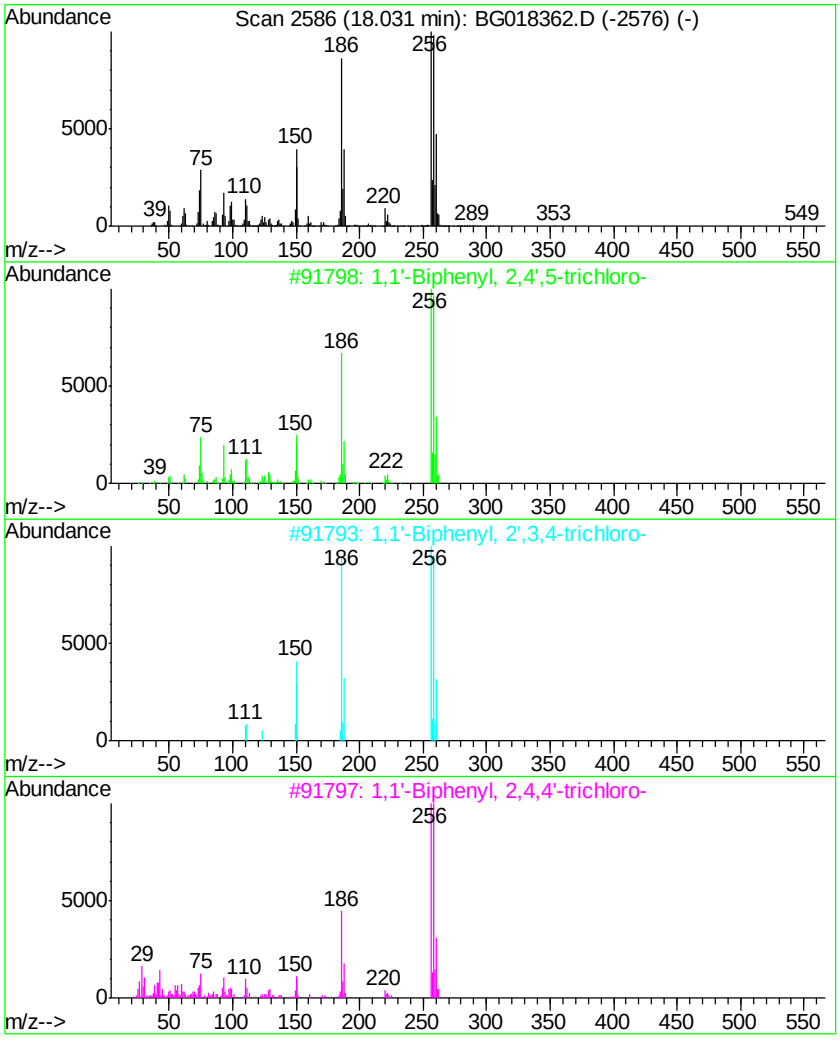
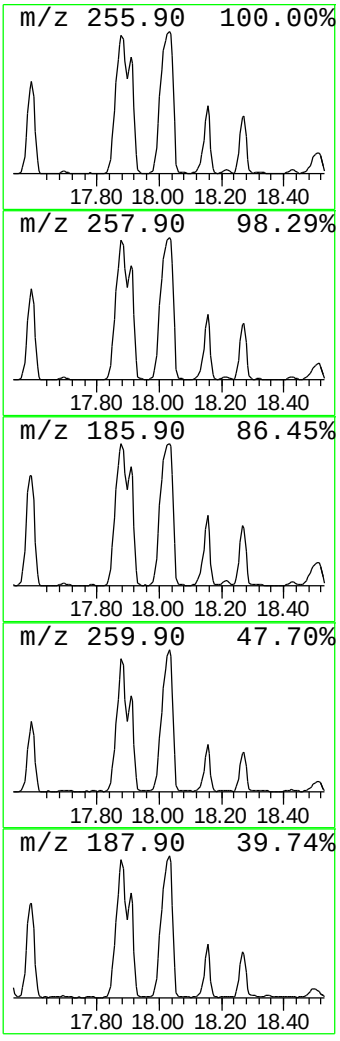
Peak Number 31 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	156.03 ng/ul	36953400	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	96
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	95
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	94
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	93
5	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	93





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Quant Title : SVOA CALIBRATION

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

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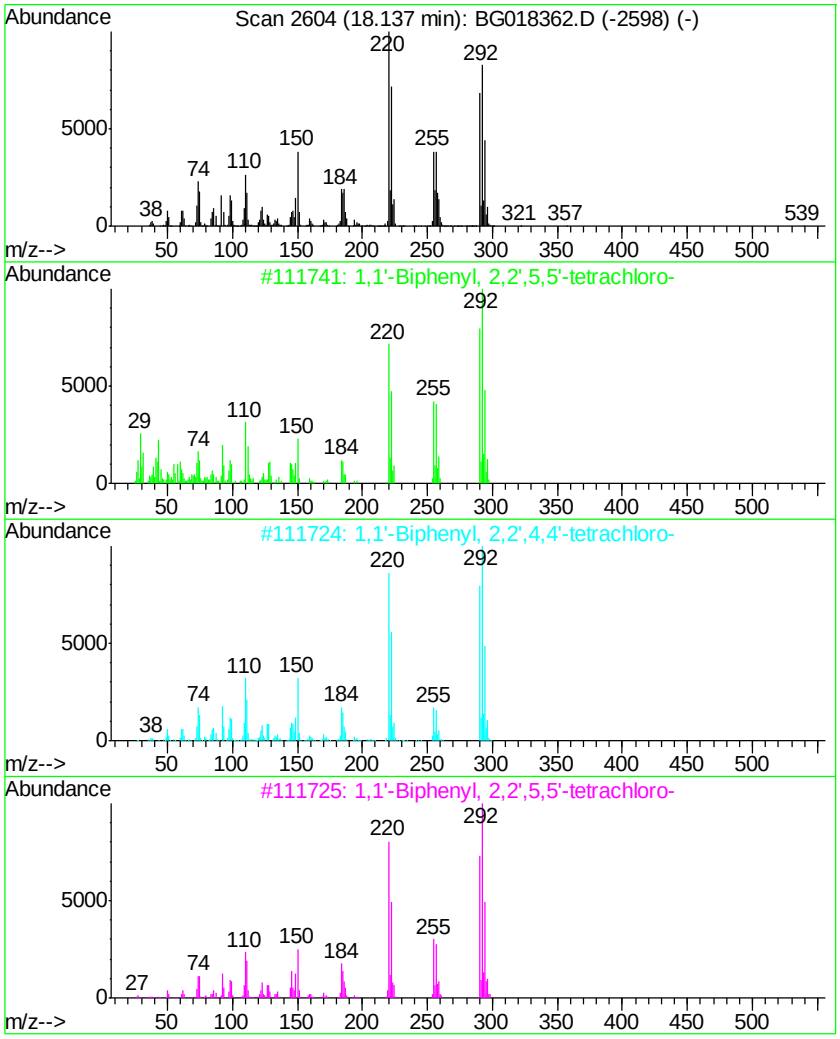
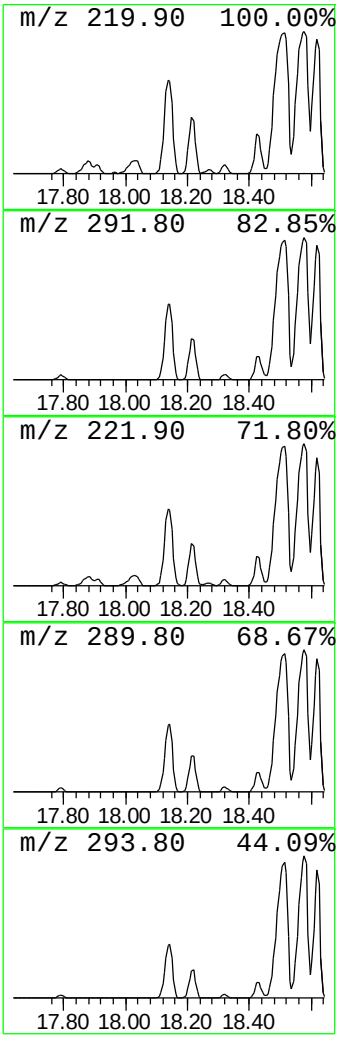
Peak Number 32 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	107.57 ng/ul	25476000	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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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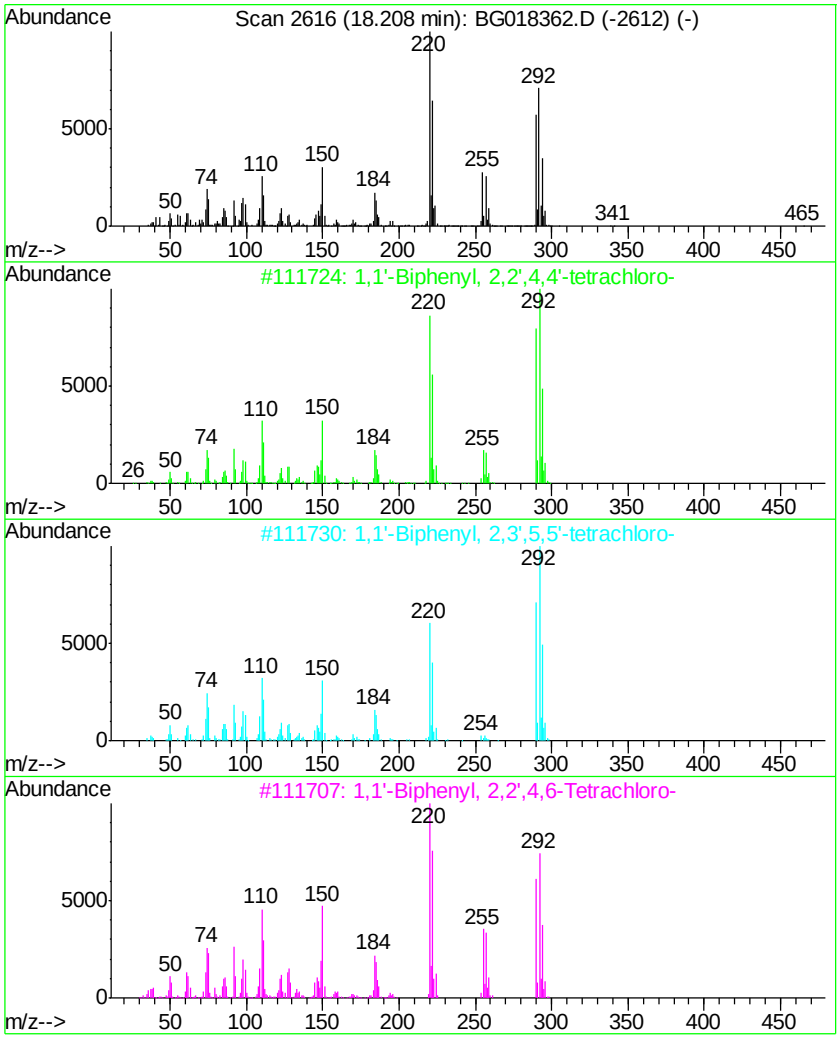
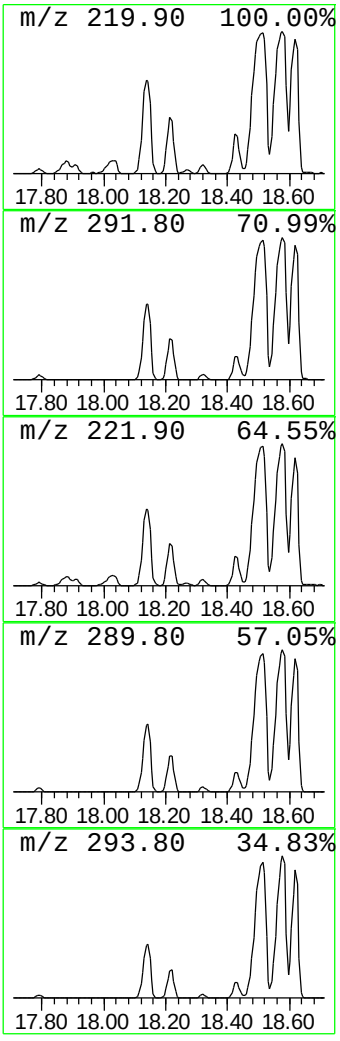
Peak Number 33 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	38.09 ng/ul	9019990	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, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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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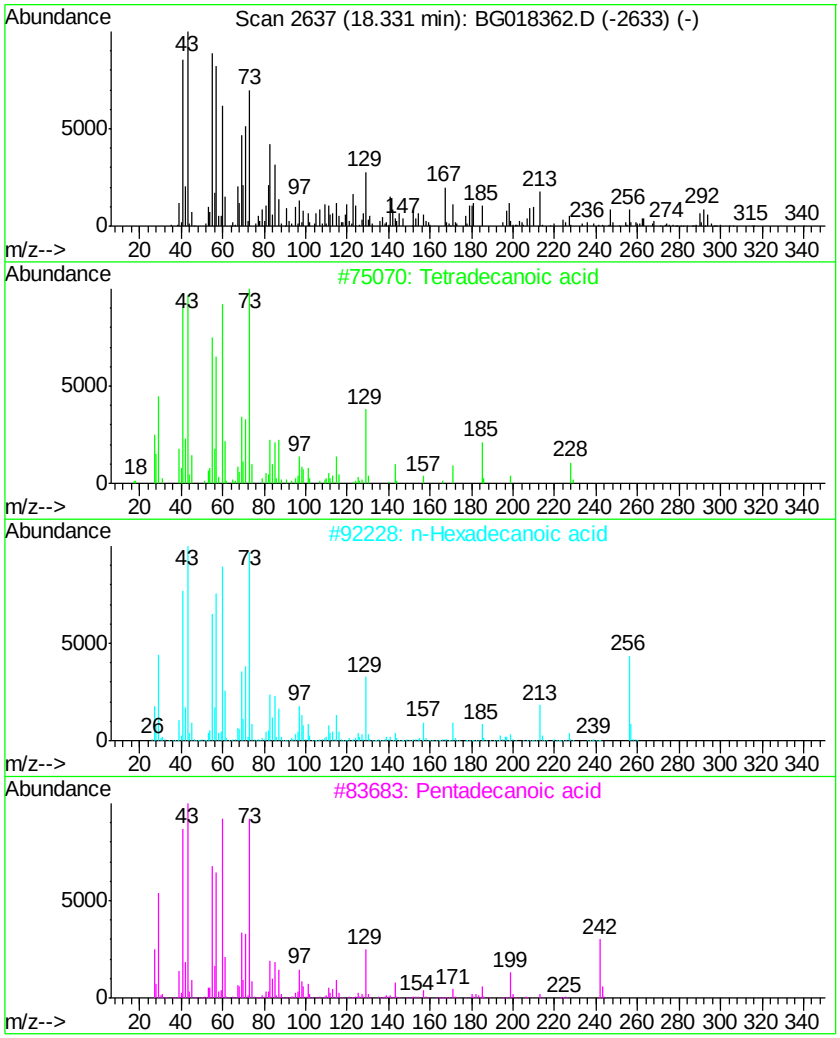
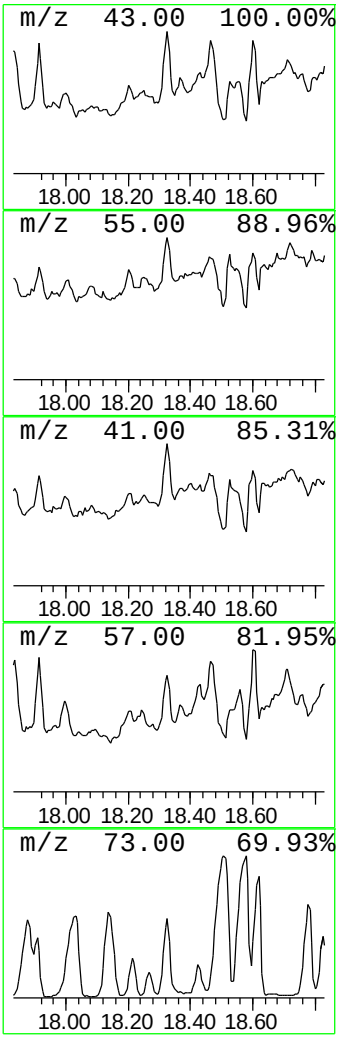
Peak Number 35 unknown-07 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	17.49 ng/ul	4142050	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	20
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	18
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	14
4	Cyclohexanebutanoic acid	170	C10H18O2	004441-63-8	14
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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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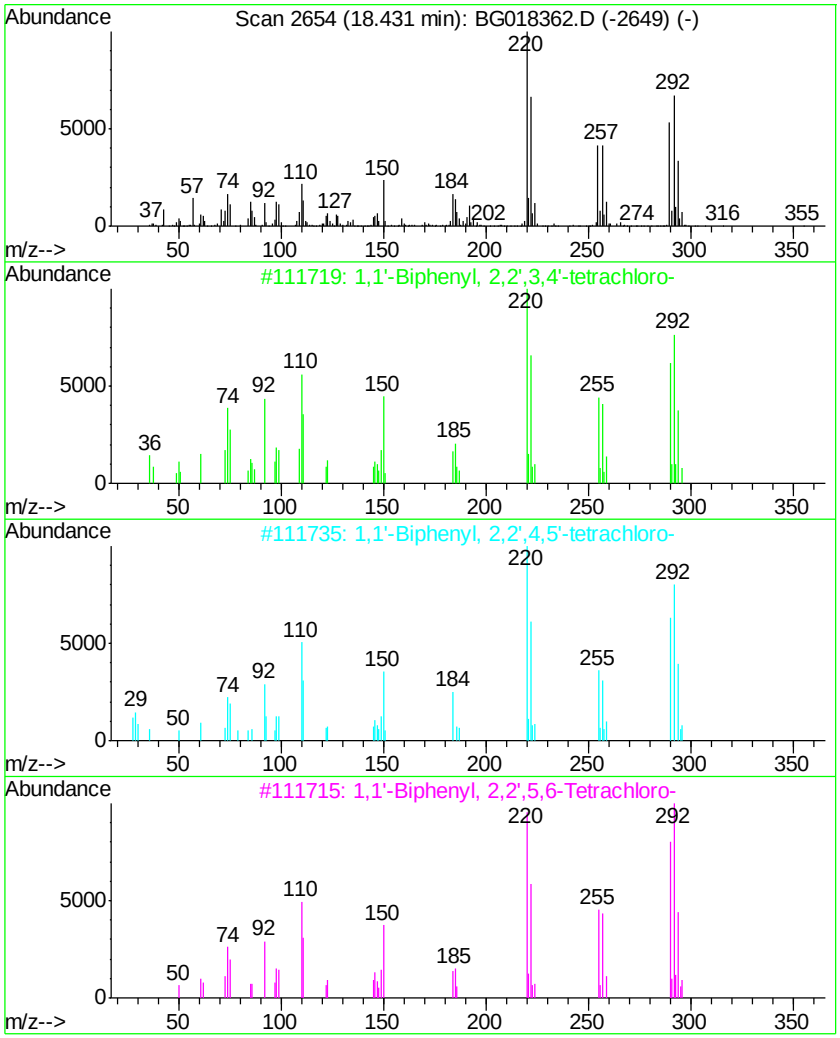
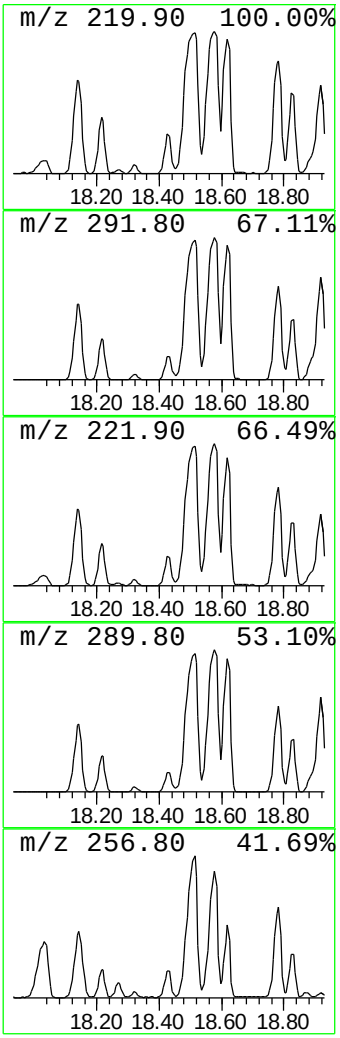
Peak Number 36 1,1'-Biphenyl, 2,2',3,4'-te... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	27.29 ng/ul	6462950	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	98





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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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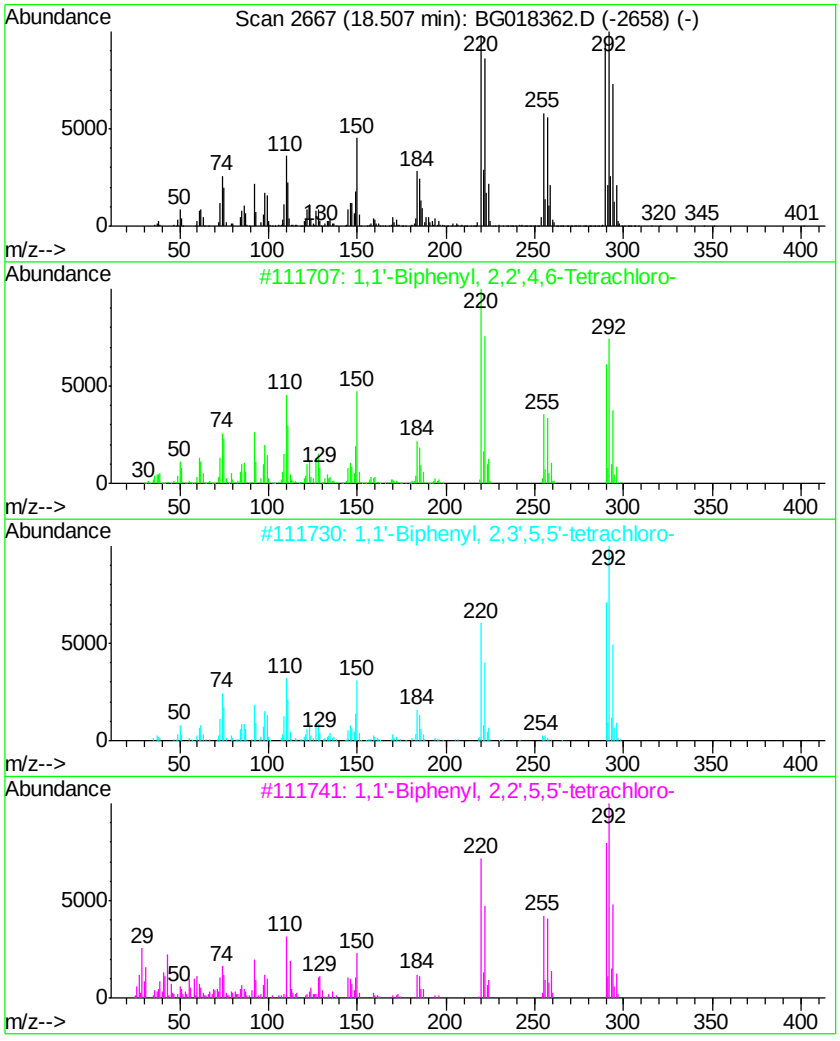
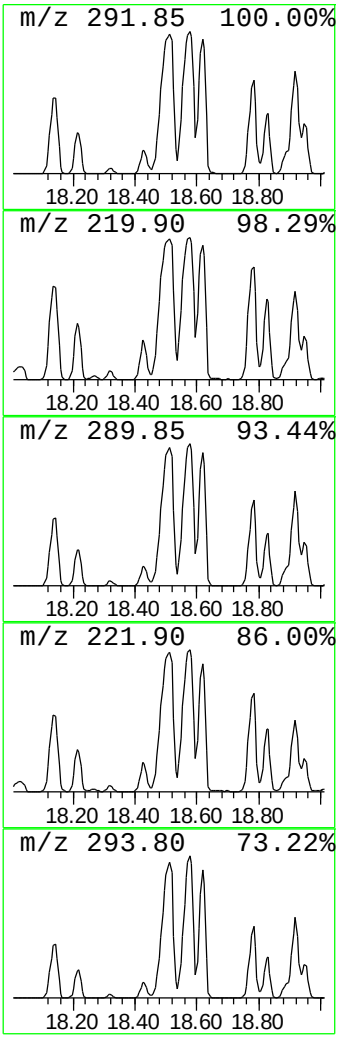
Peak Number 37 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	254.98 ng/ul	60387400	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
2	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	98
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	96
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	96
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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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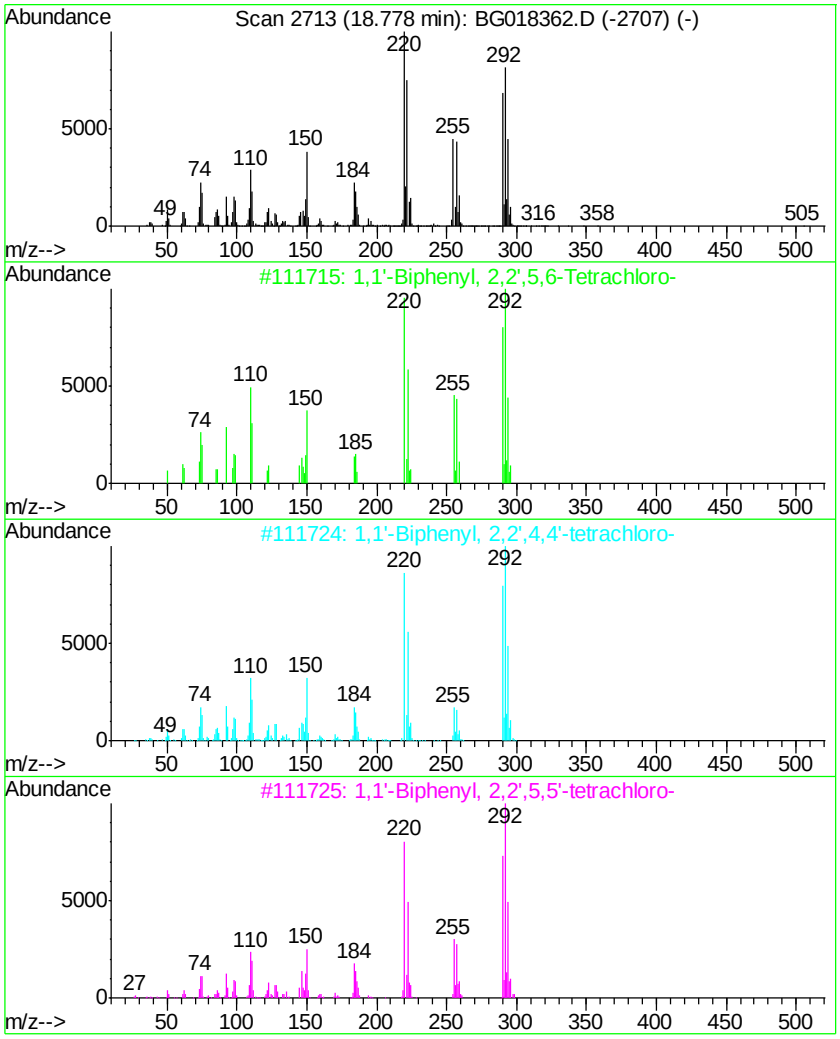
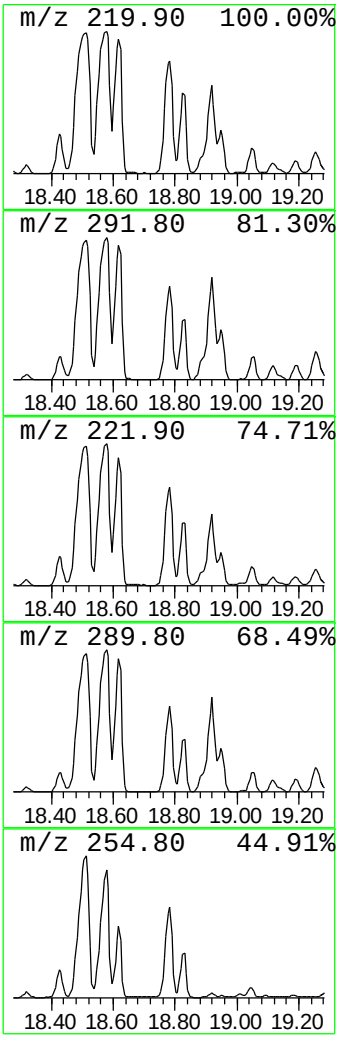
Peak Number 40 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	97.23 ng/ul	23025900	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	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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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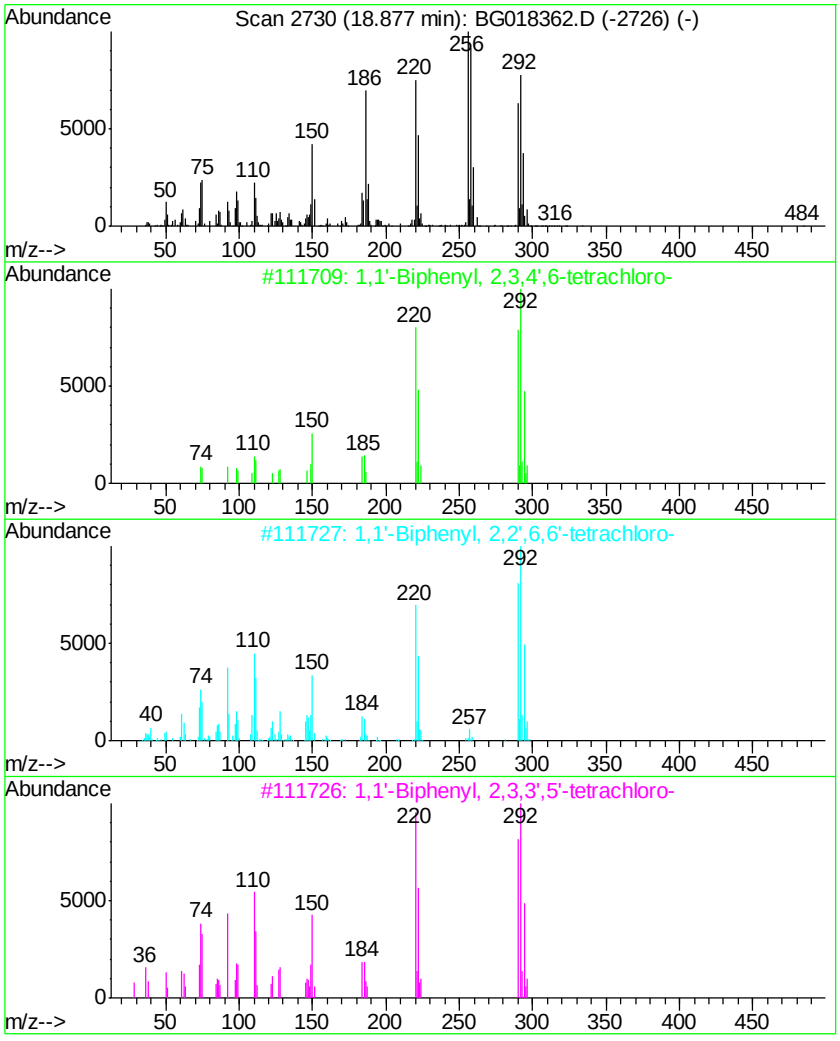
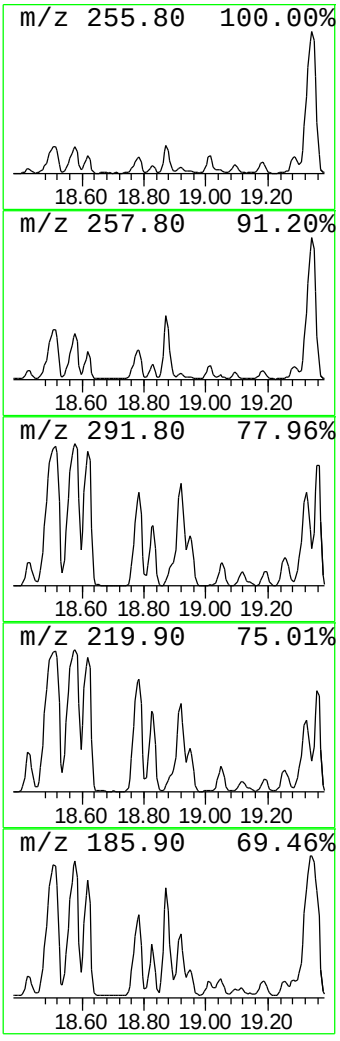
Peak Number 42 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	13.66 ng/ul	3234880	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	97
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	97
5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018362.D
Acq On : 10 Aug 2015 20:18
Operator : UM/MA
Sample : G3109-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P8

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-ethyl-...	7.13	2.4	ng/ul	1911850	1	8.04	15663200	20.0
Benzene, 1,3,5-tr...	7.68	4.8	ng/ul	3777440	1	8.04	15663200	20.0
unknown-01	10.25	10.5	ng/ul	1394980	2	10.84	2661670	20.0
Phenol, 2,4-dimet...	10.31	7.1	ng/ul	945016	2	10.84	2661670	20.0
unknown-02	11.26	6.1	ng/ul	811626	2	10.84	2661670	20.0
unknown-03	11.40	5.8	ng/ul	766316	2	10.84	2661670	20.0
Naphthalene, 2,6-...	13.98	12.3	ng/ul	1884690	3	14.66	3070590	20.0
unknown-04	14.19	6.8	ng/ul	1049140	3	14.66	3070590	20.0
unknown-05	14.50	9.6	ng/ul	1468890	3	14.66	3070590	20.0
(DEL) Alkane: Str...	14.56	10.7	ng/ul	1649170	3	14.66	3070590	20.0
(DEL) Alkane: Str...	15.18	6.2	ng/ul	943984	3	14.66	3070590	20.0
Naphthalene, 1,4,...	15.32	5.3	ng/ul	811549	3	14.66	3070590	20.0
unknown-06	15.45	10.2	ng/ul	1565650	3	14.66	3070590	20.0
1,1'-Biphenyl, 2,...	15.92	47.6	ng/ul	7310040	3	14.66	3070590	20.0
(DEL) Alkane: Str...	16.37	4.0	ng/ul	936890	4	17.41	4736590	20.0
(DEL) Alkane: Str...	16.40	12.7	ng/ul	3005900	4	17.41	4736590	20.0
1,1'-Biphenyl, 2,...	16.52	31.6	ng/ul	7487390	4	17.41	4736590	20.0
1,1'-Biphenyl, 2,...	16.64	46.7	ng/ul	11057900	4	17.41	4736590	20.0
1,1'-Biphenyl, 2,...	16.93	15.8	ng/ul	3741710	4	17.41	4736590	20.0
Naphthalene, 1,3,...	16.98	4.3	ng/ul	1018060	4	17.41	4736590	20.0
(DEL) Alkane: Str...	17.17	2.7	ng/ul	635216	4	17.41	4736590	20.0
(DEL) Alkane: Str...	17.22	9.7	ng/ul	2304780	4	17.41	4736590	20.0
1,1'-Biphenyl, 2,...	17.33	37.5	ng/ul	8880860	4	17.41	4736590	20.0
1,1'-Biphenyl, 2,...	17.88	115.7	ng/ul	27408300	4	17.41	4736590	20.0
1,1'-Biphenyl, 2,...	18.03	156.0	ng/ul	36953400	4	17.41	4736590	20.0
1,1'-Biphenyl, 2,...	18.14	107.6	ng/ul	25476000	4	17.41	4736590	20.0
1,1'-Biphenyl, 2,...	18.21	38.1	ng/ul	9019990	4	17.41	4736590	20.0
unknown-07	18.33	17.5	ng/ul	4142050	4	17.41	4736590	20.0
1,1'-Biphenyl, 2,...	18.43	27.3	ng/ul	6462950	4	17.41	4736590	20.0
1,1'-Biphenyl, 2,...	18.51	255.0	ng/ul	60387400	4	17.41	4736590	20.0
1,1'-Biphenyl, 2,...	18.78	97.2	ng/ul	23025900	4	17.41	4736590	20.0
1,1'-Biphenyl, 2,...	18.88	13.7	ng/ul	3234880	4	17.41	4736590	20.0