LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018369.D
Acq On : 11 Aug 2015 00:44
Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W6

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	3.165	54	56	62	rVB3	16003	18837	0.12%	0.036%
2	3.259	68	72	78	rVB8	11678	21529	0.13%	0.041%
3	4.000	192	198	202	rBV8	11139	18553	0.12%	0.036%
4	4.223	233	236	242	rVB	11723	18328	0.11%	0.035%
5	5.551	457	462	467	rVB	30484	49521	0.31%	0.095%
6	5.680	480	484	494	rVB3	31192	69822	0.43%	0.134%
7	6.056	544	548	554	rVB2	26671	43318	0.27%	0.083%
8	6.532	623	629	633	rBV7	11435	19997	0.12%	0.038%
9	7.020	704	712	721	rBV8	23680	65378	0.41%	0.125%
10	7.131	726	731	735	rVV	25004	40484	0.25%	0.078%
11	7.196	735	742	750	rVV	189283	359142	2.23%	0.689%
12	7.266	750	754	760	rVB2	15358	29783	0.18%	0.057%
13	7.360	763	770	776	rBV	145199	243923	1.51%	0.468%
14	7.572	800	806	815	rVB	180351	313047	1.94%	0.600%
15	7.689	818	826	832	rBV4	34688	79910	0.50%	0.153%
16	8.042	877	886	892	rBV	451049	777660	4.82%	1.491%
17	8.277	921	926	932	rBV9	11209	21661	0.13%	0.042%
18	8.424	944	951	956	rVB10	7678	16620	0.10%	0.032%
19	8.594	974	980	989	rVV7	21218	46709	0.29%	0.090%
20	8.682	991	995	999	rVV4	23538	36828	0.23%	0.071%
21	8.741	999	1005	1011	rVV	194784	330300	2.05%	0.633%
22	8.806	1013	1016	1020	rVV5	10471	16461	0.10%	0.032%
23	8.859	1020	1025	1033	rVV3	19506	40601	0.25%	0.078%
24	8.994	1044	1048	1053	rBV6	12152	17505	0.11%	0.034%
25	9.053	1053	1058	1062	rVB6	15595	25251	0.16%	0.048%
26	9.152	1068	1075	1077	rBV5	26194	46987	0.29%	0.090%
27	9.194	1077	1082	1088	rVV	166071	299610	1.86%	0.575%
28	9.270	1092	1095	1099	rVV3	26403	41019	0.25%	0.079%
29	9.505	1127	1135	1146	rVB2	66061	120363	0.75%	0.231%
30	9.628	1149	1156	1159	rBV9	13784	21724	0.13%	0.042%
31	9.675	1160	1164	1169	rVB4	14634	22413	0.14%	0.043%
32	9.740	1169	1175	1182	rBV4	24910	49924	0.31%	0.096%
33	9.922	1199	1206	1213	rBV2	158510	299534	1.86%	0.574%
34	10.046	1219	1227	1232	rBV10	20059	48900	0.30%	0.094%

LSC Area Percent Report

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Data File : BG018369.D
Acq On : 11 Aug 2015 00:44
Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W6

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	10.251	1257	1262	1266	rBV7	23614	45142	0.28%	0.087%
36	10.316	1269	1273	1278	rVB8	16655	29323	0.18%	0.056%
37	10.463	1292	1298	1306	rVB	226005	431158	2.67%	0.827%
38	10.709	1336	1340	1345	rVB5	20529	32513	0.20%	0.062%
39	10.850	1354	1364	1369	rBV	658019	1257699	7.80%	2.412%
40	10.898	1369	1372	1381	rVB	69444	122644	0.76%	0.235%
41	10.974	1381	1385	1390	rBV2	40921	77471	0.48%	0.149%
42	11.062	1398	1400	1406	rVB7	12400	20609	0.13%	0.040%
43	11.232	1419	1429	1433	rBV8	26708	62310	0.39%	0.120%
44	11.614	1491	1494	1500	rBV7	14026	28632	0.18%	0.055%
45	11.685	1500	1506	1510	rVV9	15676	36286	0.23%	0.070%
46	11.761	1513	1519	1527	rVB9	21090	57537	0.36%	0.110%
47	11.873	1534	1538	1541	rBV4	31824	48326	0.30%	0.093%
48	11.955	1548	1552	1558	rVB9	16174	31687	0.20%	0.061%
49	12.172	1586	1589	1594	rVB4	22318	31642	0.20%	0.061%
50	12.266	1601	1605	1609	rVB3	26181	34899	0.22%	0.067%
51	12.502	1640	1645	1651	rVB	74039	128490	0.80%	0.246%
52	12.584	1654	1659	1661	rBV6	14636	22495	0.14%	0.043%
53	12.719	1677	1682	1686	rVB	43815	67154	0.42%	0.129%
54	13.036	1732	1736	1740	rBV7	21421	31442	0.20%	0.060%
55	13.212	1763	1766	1769	rVB2	35305	39341	0.24%	0.075%
56	13.259	1769	1774	1783	rVB3	164056	288008	1.79%	0.552%
57	13.465	1805	1809	1811	rBV4	44100	65348	0.41%	0.125%
58	13.500	1811	1815	1823	rVB4	71242	152586	0.95%	0.293%
59	14.064	1906	1911	1915	rBV	377675	590351	3.66%	1.132%
60	14.111	1915	1919	1923	rVV	198287	350336	2.17%	0.672%
61	14.153	1924	1926	1930	rVB4	54506	66122	0.41%	0.127%
62	14.317	1951	1954	1957	rBV4	47358	67982	0.42%	0.130%
63	14.364	1957	1962	1966	rVV	455166	696632	4.32%	1.336%
64	14.505	1982	1986	1991	rVB3	105336	170718	1.06%	0.327%
65	14.570	1993	1997	2002	rBV4	74276	131987	0.82%	0.253%
66	14.670	2005	2014	2021	rBV2	995145	1731563	10.74%	3.321%
67	14.734	2021	2025	2035	rVV3	72588	172361	1.07%	0.331%
68	14.852	2041	2045	2051	rBV2	132727	230579	1.43%	0.442%
69	15.063	2078	2081	2087	rVB2	93533	139311	0.86%	0.267%
70	15.463	2146	2149	2153	rVB3	72919	85300	0.53%	0.164%
71	15.657	2177	2182	2187	rVB	618286	915784	5.68%	1.756%

LSC Area Percent Report

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Acq On : 11 Aug 2015 00:44
Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W6

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Title : SVOA CALIBRATION

72	15.921	2224	2227	2232	rVB3	115995	139485	0.87%	0.268%
73	16.896	2391	2393	2396	rVB2	203477	203163	1.26%	0.390%
74	17.167	2435	2439	2443	rBV2	358705	466445	2.89%	0.895%
75	17.413	2476	2481	2485	rBV	1011377	1587187	9.85%	3.044%
76	17.455	2485	2488	2493	rVB	526421	692633	4.30%	1.328%
77	17.513	2494	2498	2501	rBV	504676	696406	4.32%	1.336%
78	17.584	2507	2510	2518	rVB3	297918	477155	2.96%	0.915%
79	18.013	2578	2583	2588	rVB	701913	1362360	8.45%	2.613%
80	18.483	2659	2663	2667	rVB2	1143301	1452149	9.01%	2.785%
81	18.541	2670	2673	2677	rVB2	376162	457508	2.84%	0.877%
82	18.765	2708	2711	2717	rVB2	481506	573420	3.56%	1.100%
83	19.323	2804	2806	2812	rVB4	1105922	1538019	9.54%	2.950%
84	19.464	2826	2830	2835	rBV	1328542	1979315	12.28%	3.796%
85	19.523	2836	2840	2844	rBV	2574046	3551548	22.03%	6.811%
86	19.605	2850	2854	2858	rVB	1546452	2137852	13.26%	4.100%
87	20.046	2926	2929	2933	rVB	1515746	1857966	11.53%	3.563%
88	20.357	2980	2982	2986	rVB	1029305	1107527	6.87%	2.124%
89	21.591	3187	3192	3200	rVB	9445804	16120648	100.00%	30.917%
90	22.889	3410	3413	3421	rVB	2202582	3577164	22.19%	6.861%

Sum of corrected areas: 52141360

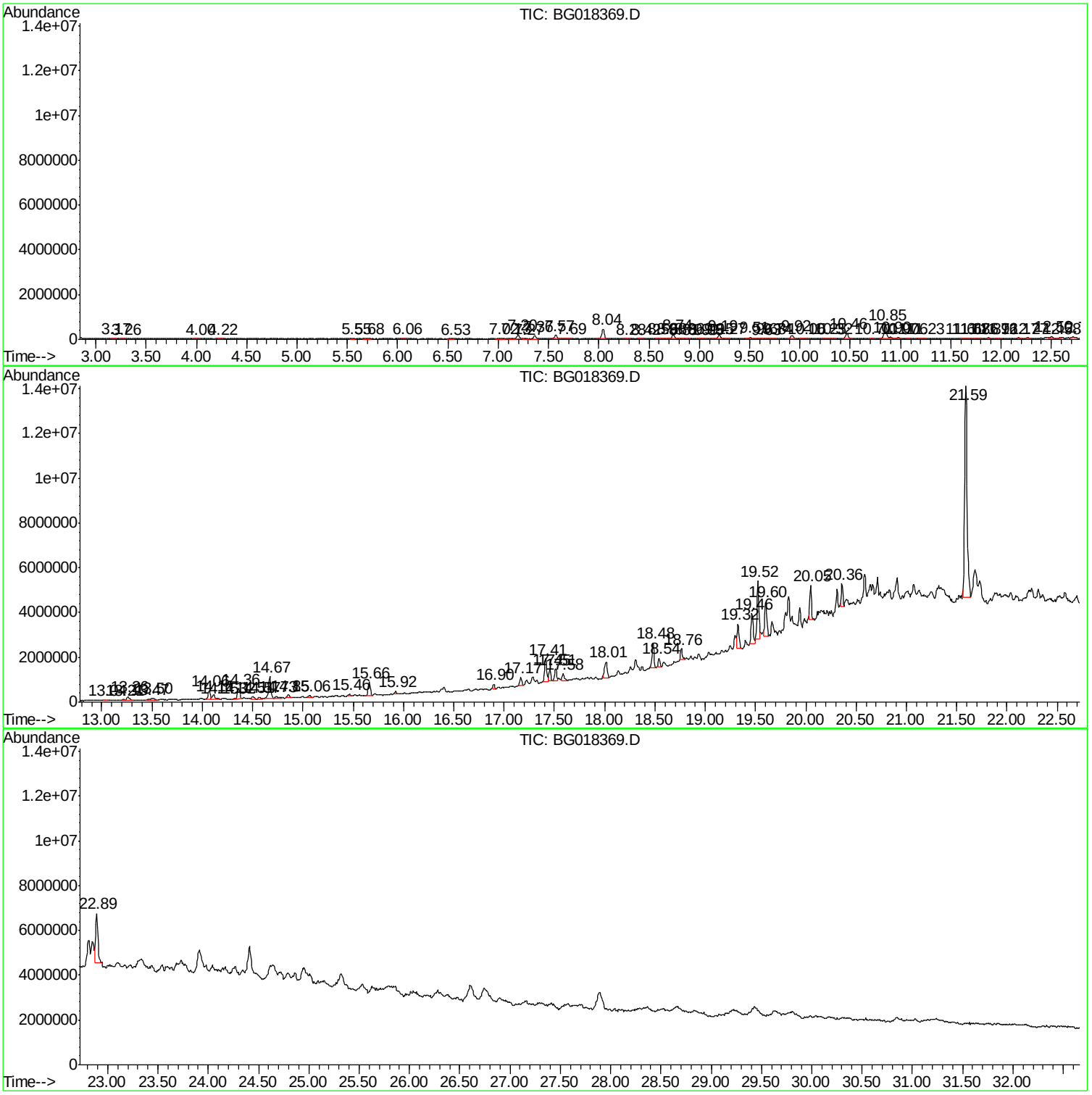
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018369.D
Acq On : 11 Aug 2015 00:44
Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W6

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\BG081015\
Data File : BG018369.D
Acq On : 11 Aug 2015 00:44
Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

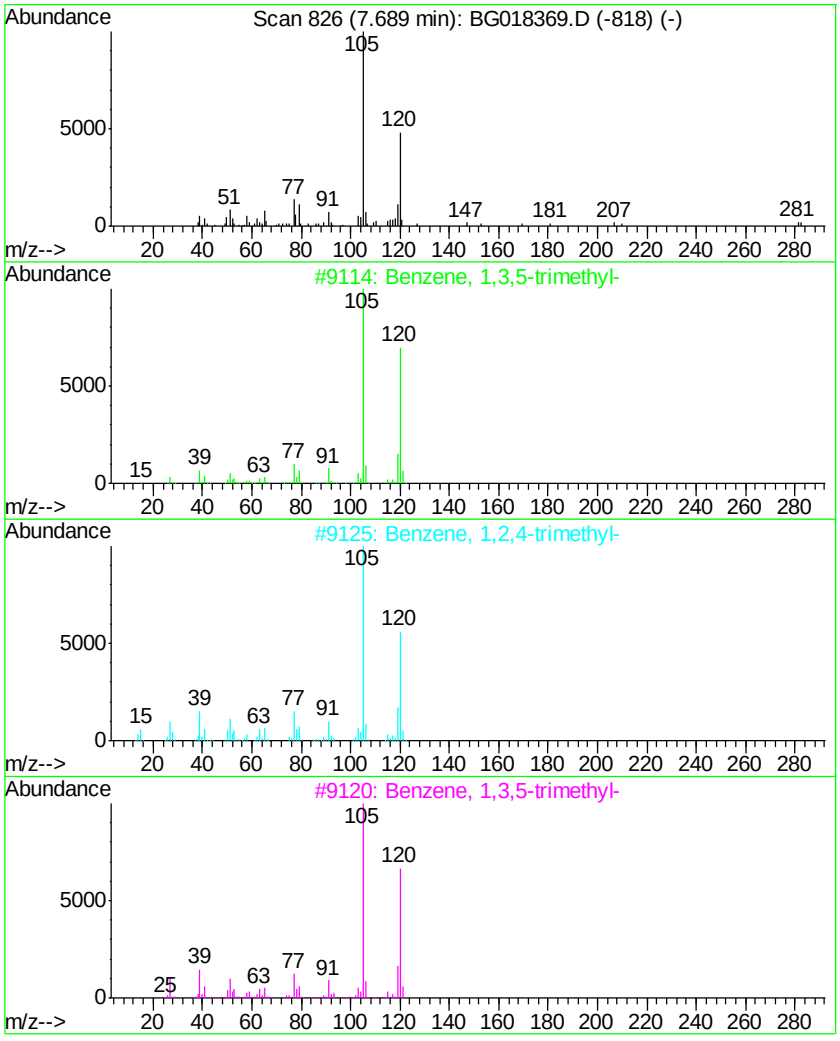
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

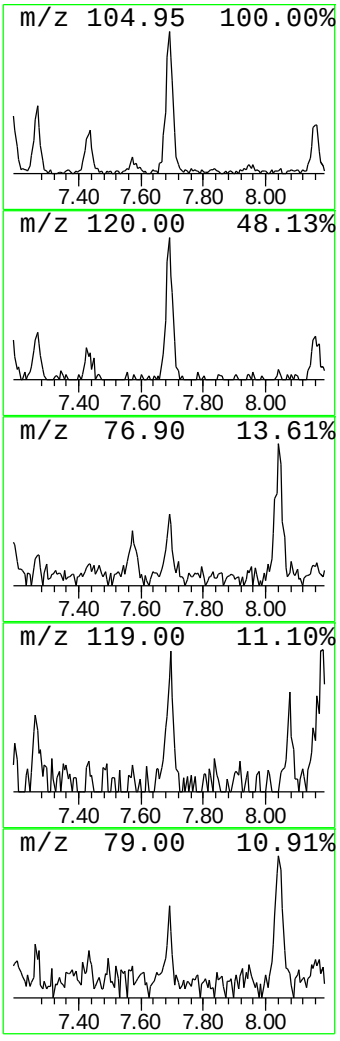
****

Peak Number 1 Benzene, 1,3,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	2.06 ng/ul	79910	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	87
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	83
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018369.D
Acq On : 11 Aug 2015 00:44
Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W6

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

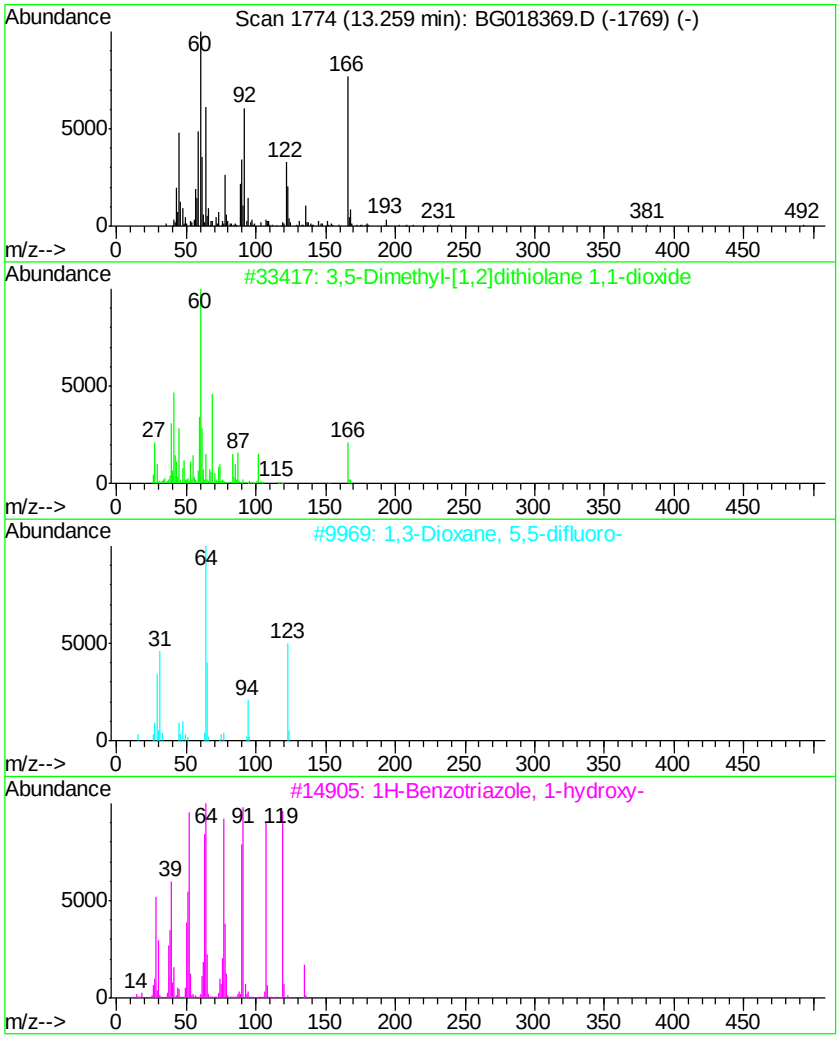
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

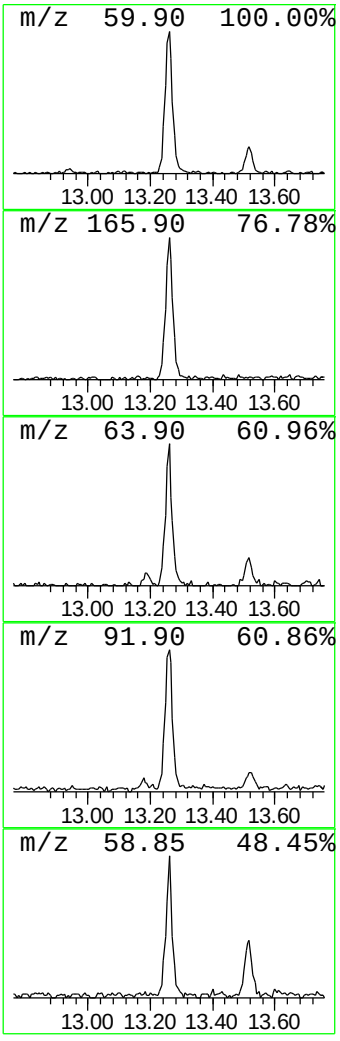
****

Peak Number 2 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.33 ng/ul	288008	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-[1,2]dithiolane 1,1...	166	C5H10O2S2	1000185-07-5	25
2	1,3-Dioxane, 5,5-difluoro-	124	C4H6F2O2	036301-44-7	12
3	1H-Benzotriazole, 1-hydroxy-	135	C6H5N3O	002592-95-2	10
4	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	10
5	S-[[N-[(Carbethoxymethyl)amino]a...	271	C6H13N3O5S2	023521-07-5	10





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Sample : G3109-16
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Instrument : BNA_G
ClientSampleId : C01W6

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

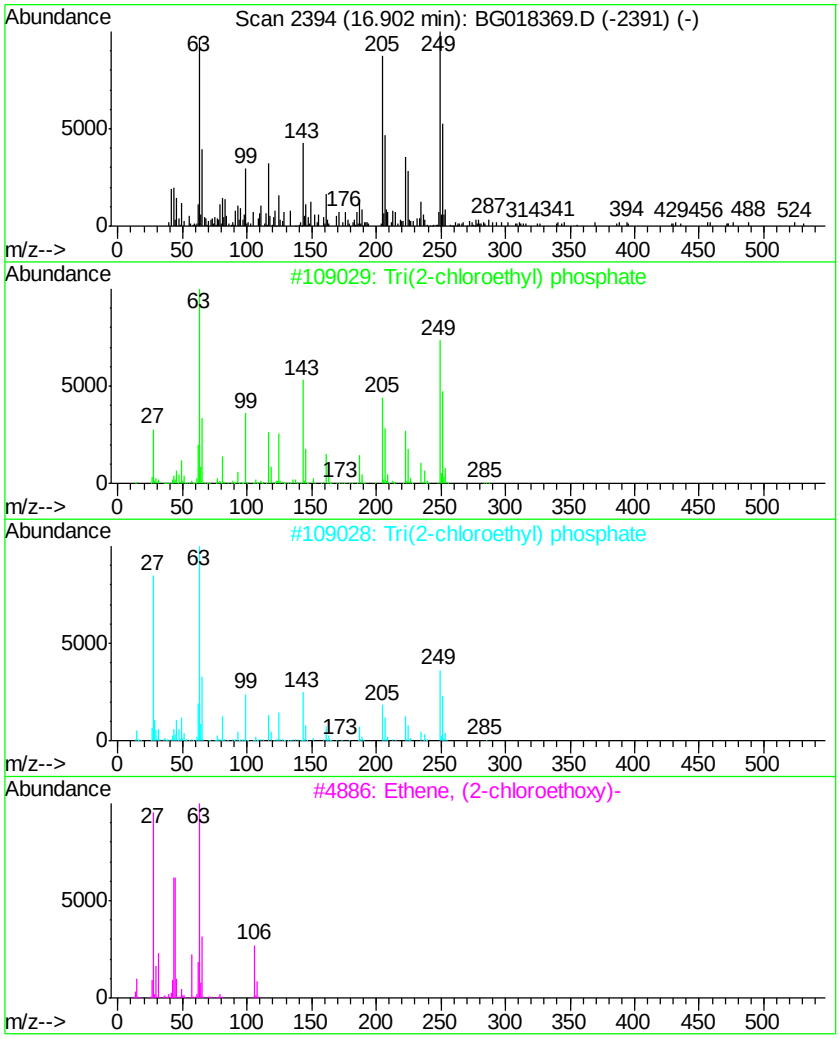
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

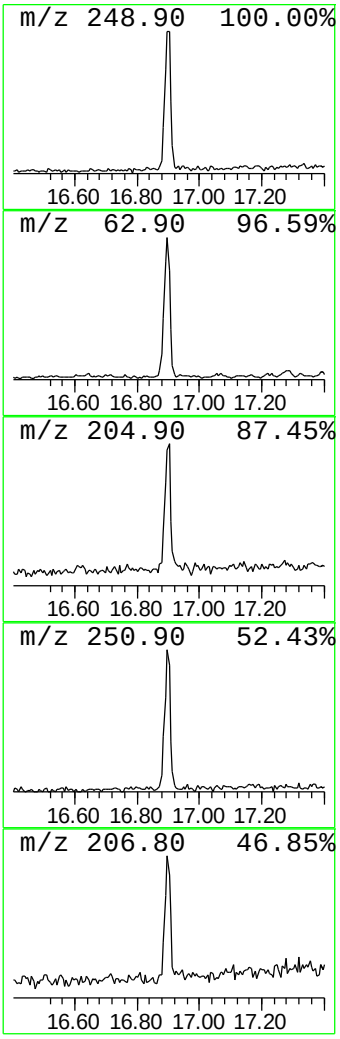
****

Peak Number 3 Tri(2-chloroethyl) phosphate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	2.56 ng/ul	203163	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	92
2	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	80
3	Ethene, (2-chloroethoxy)-	106	C4H7ClO	000110-75-8	53
4	Propanoic acid, 2-chloro-, methy...	122	C4H7ClO2	017639-93-9	53
5	2-(2-Chloroethoxy)ethyl bis(2-ch...	328	C8H16Cl3O5P	137888-36-9	47





Library Search Compound Report

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Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W6

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

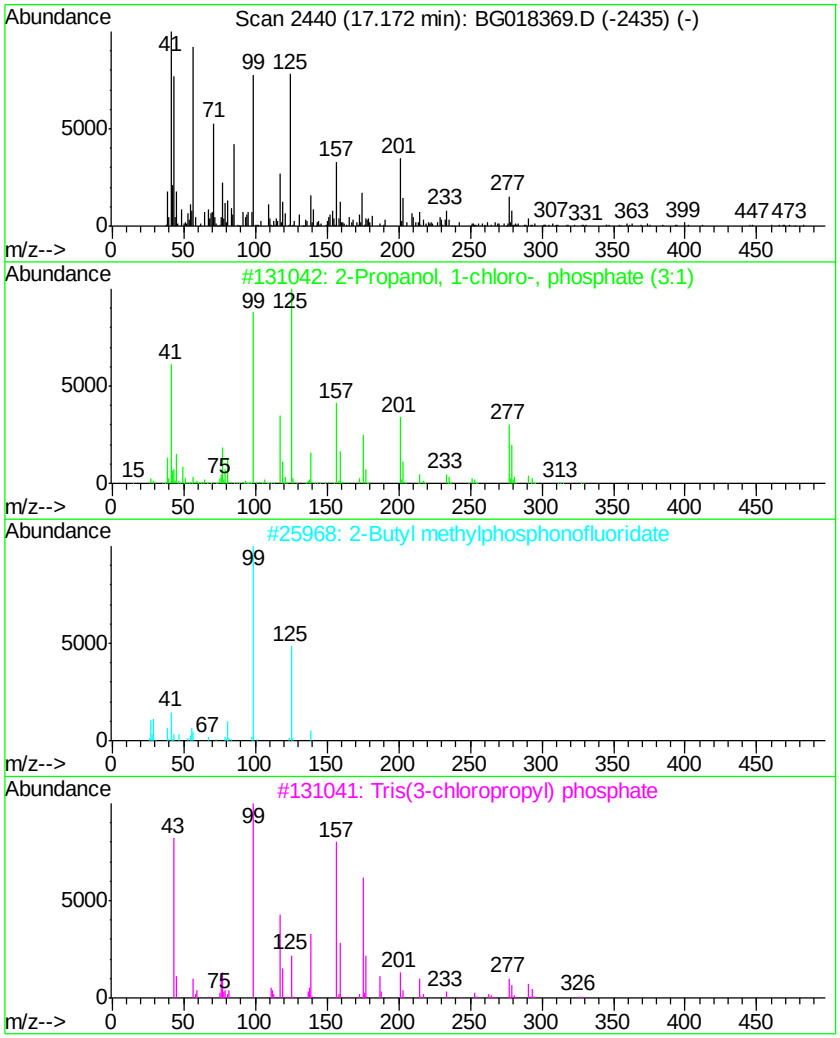
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

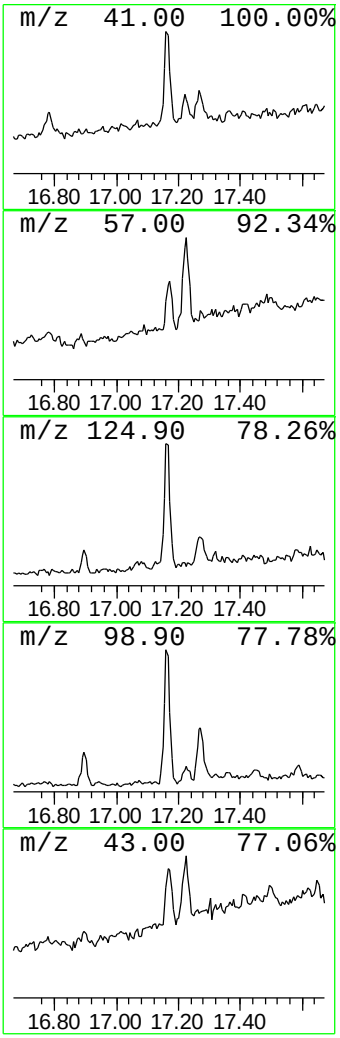
****

Peak Number 4 2-Propanol, 1-chloro-, phos... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	5.88 ng/ul	466445	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	90
2	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	47
3	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	45
4	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	30
5	2-Butenedioic acid (Z)-, dibutyl...	228	C12H20O4	000105-76-0	22





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Acq On : 11 Aug 2015 00:44
Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W6

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

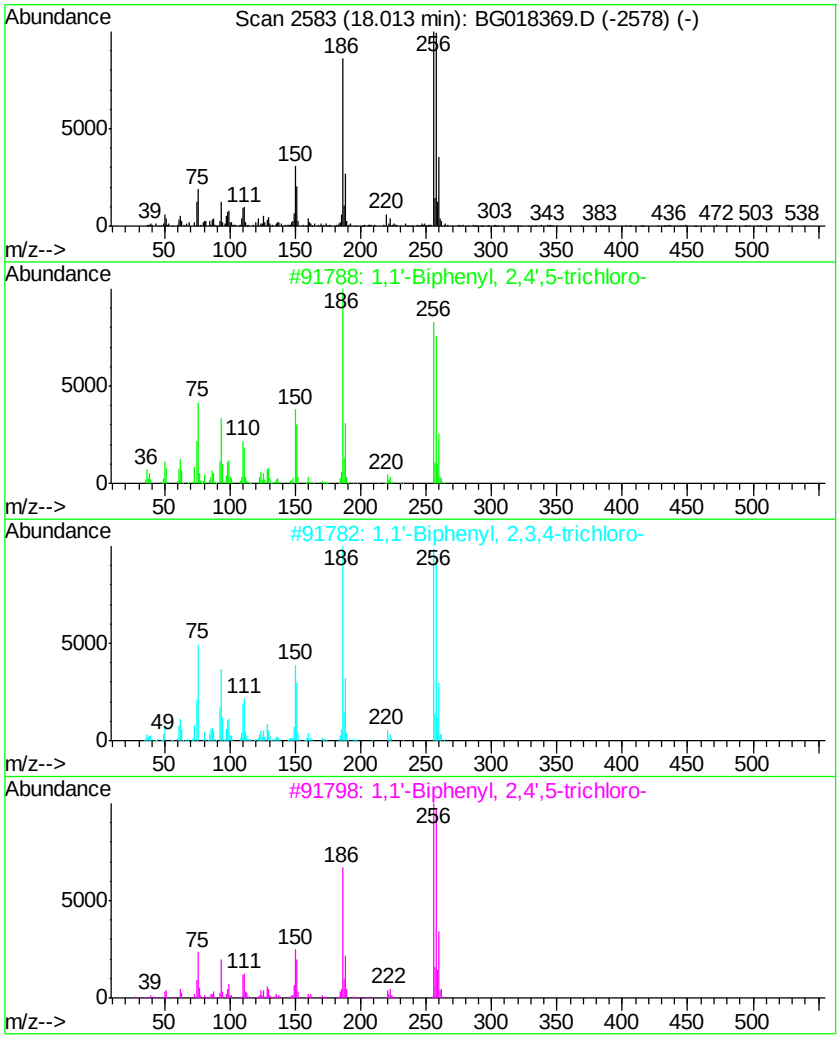
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

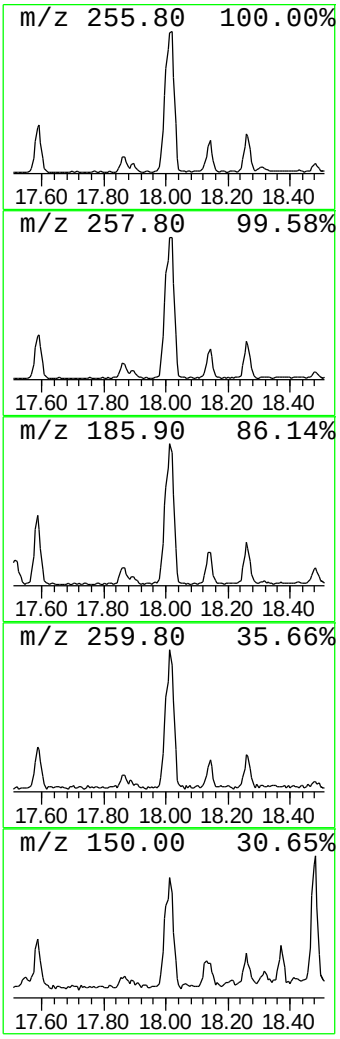
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	17.17 ng/ul	1362360	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	055702-46-0	96
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	95
5	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018369.D
Acq On : 11 Aug 2015 00:44
Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W6

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

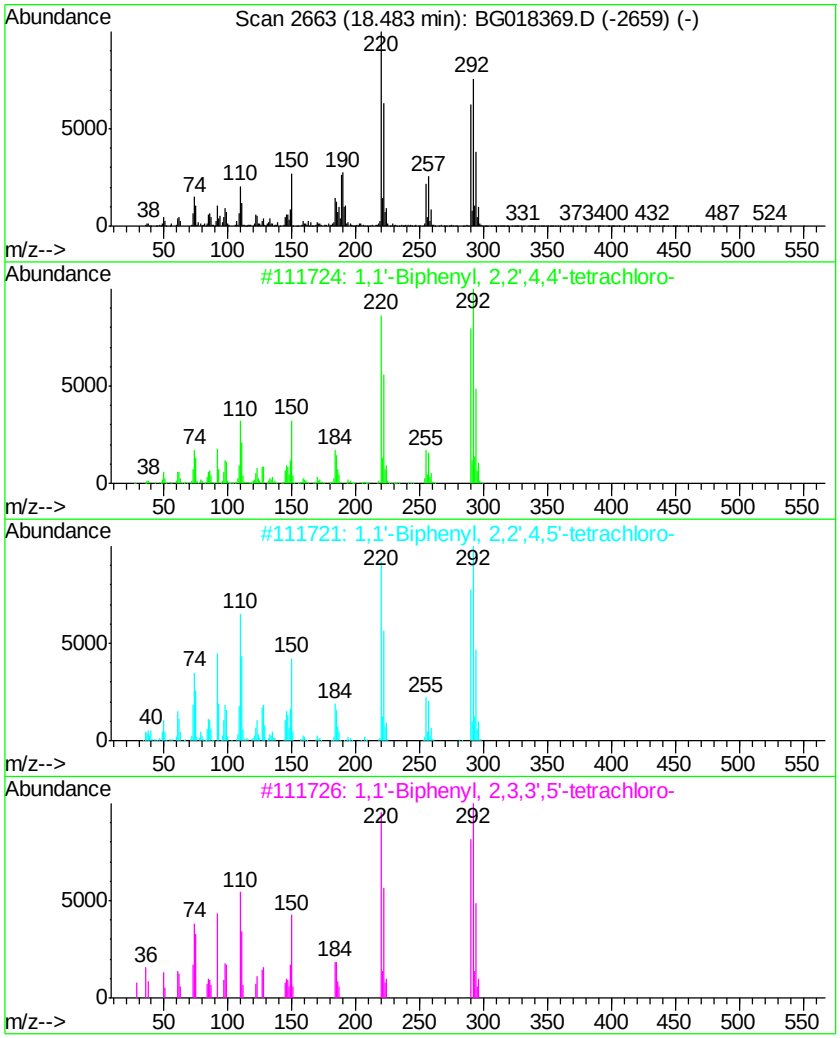
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

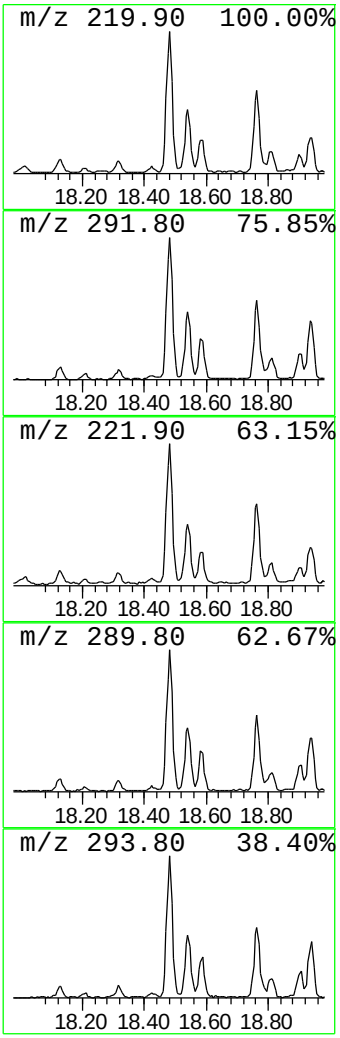
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	18.30 ng/ul	1452150	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, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	97
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	97
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018369.D
Acq On : 11 Aug 2015 00:44
Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W6

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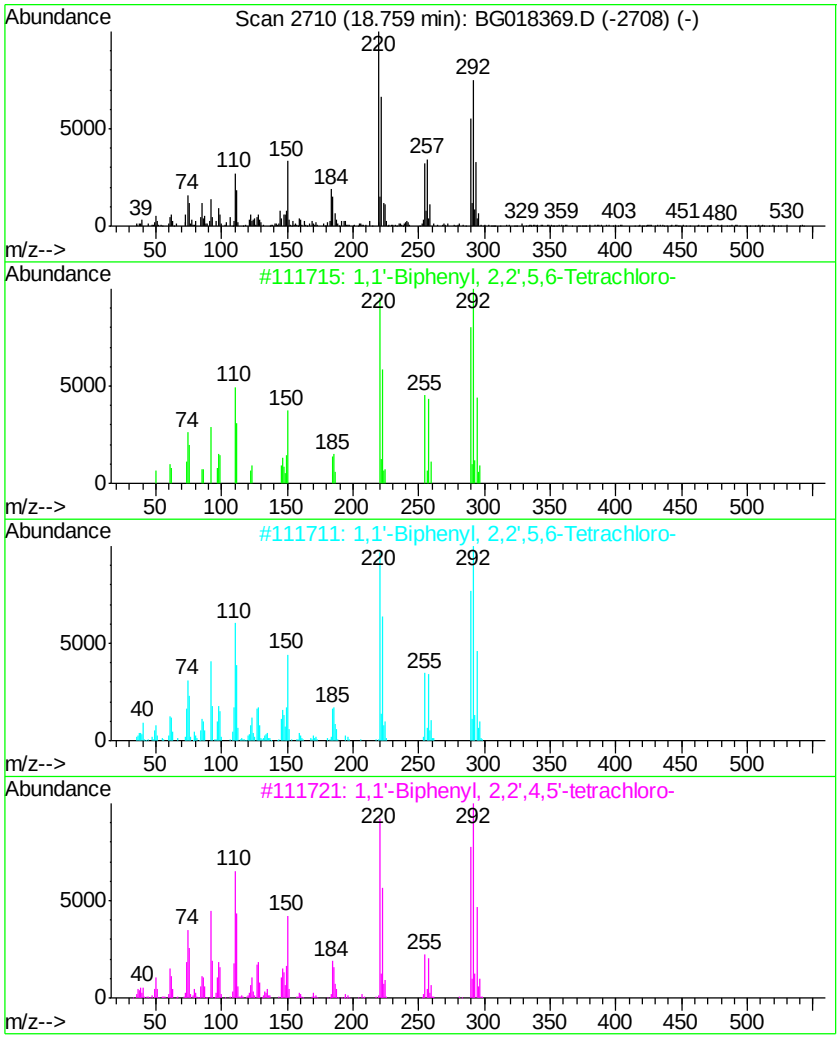
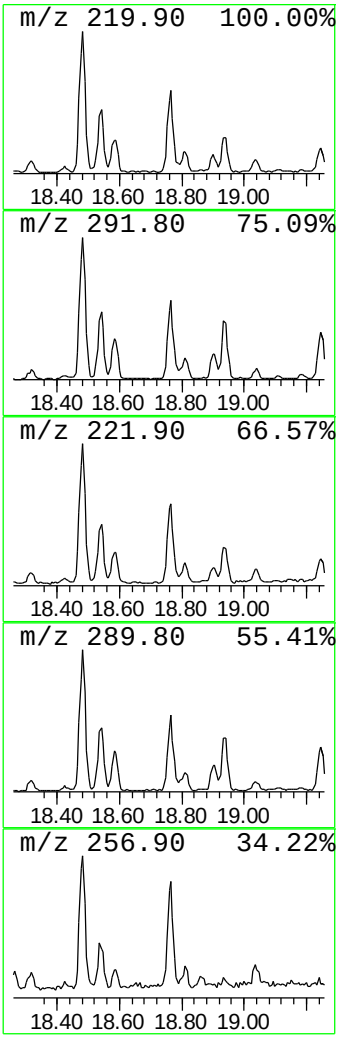
Peak Number 8 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	7.23 ng/ul	573420	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',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	96
5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	95





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Data File : BG018369.D
Acq On : 11 Aug 2015 00:44
Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W6

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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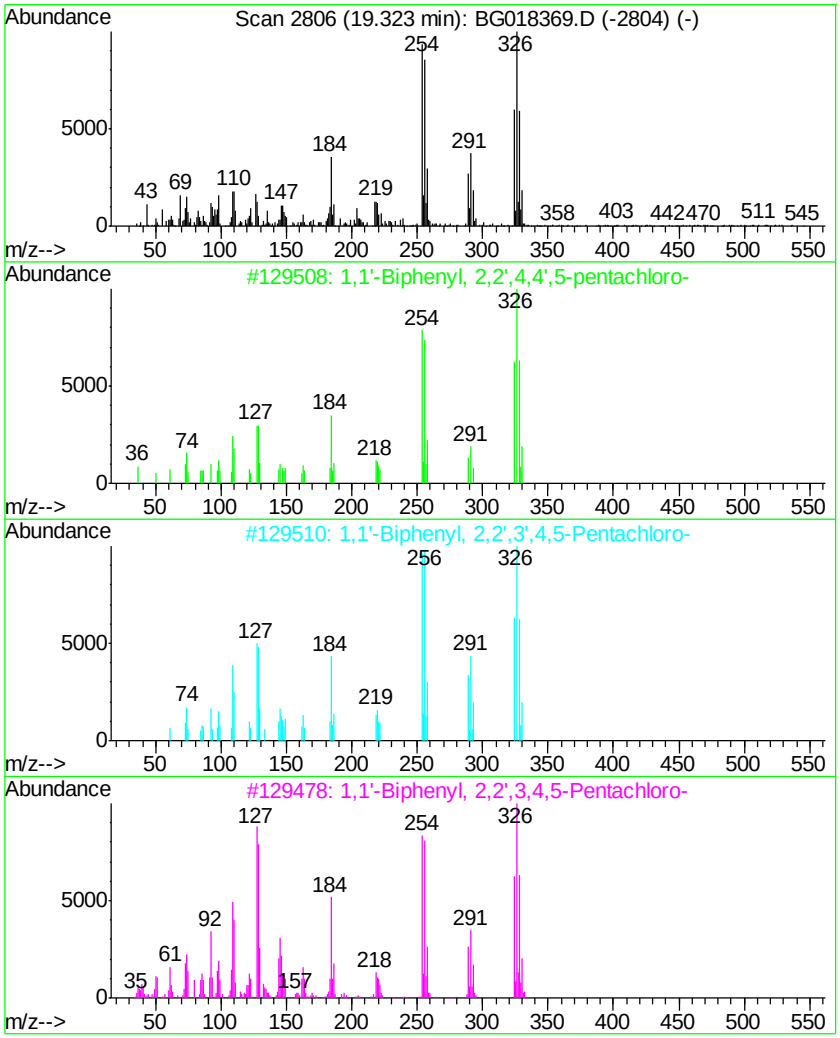
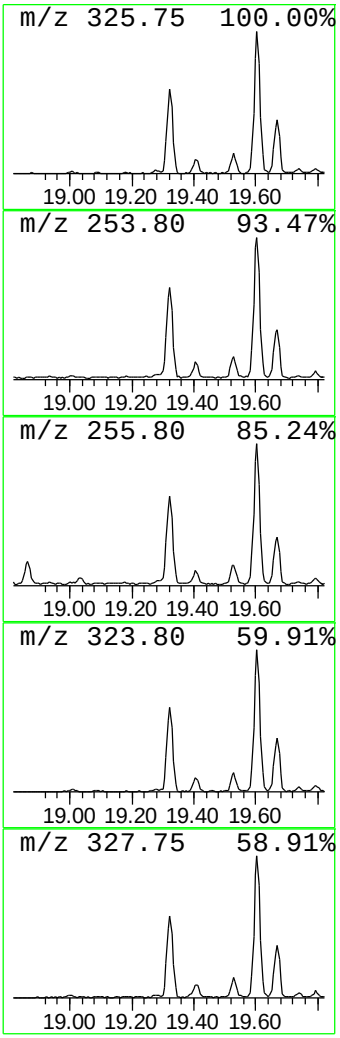
Peak Number 9 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	19.38 ng/ul	1538020	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	98
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	97
3	1,1'-Biphenyl, 2,2',3,4,5-Pentac...	324	C12H5Cl5	055312-69-1	96
4	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	96
5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018369.D
Acq On : 11 Aug 2015 00:44
Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W6

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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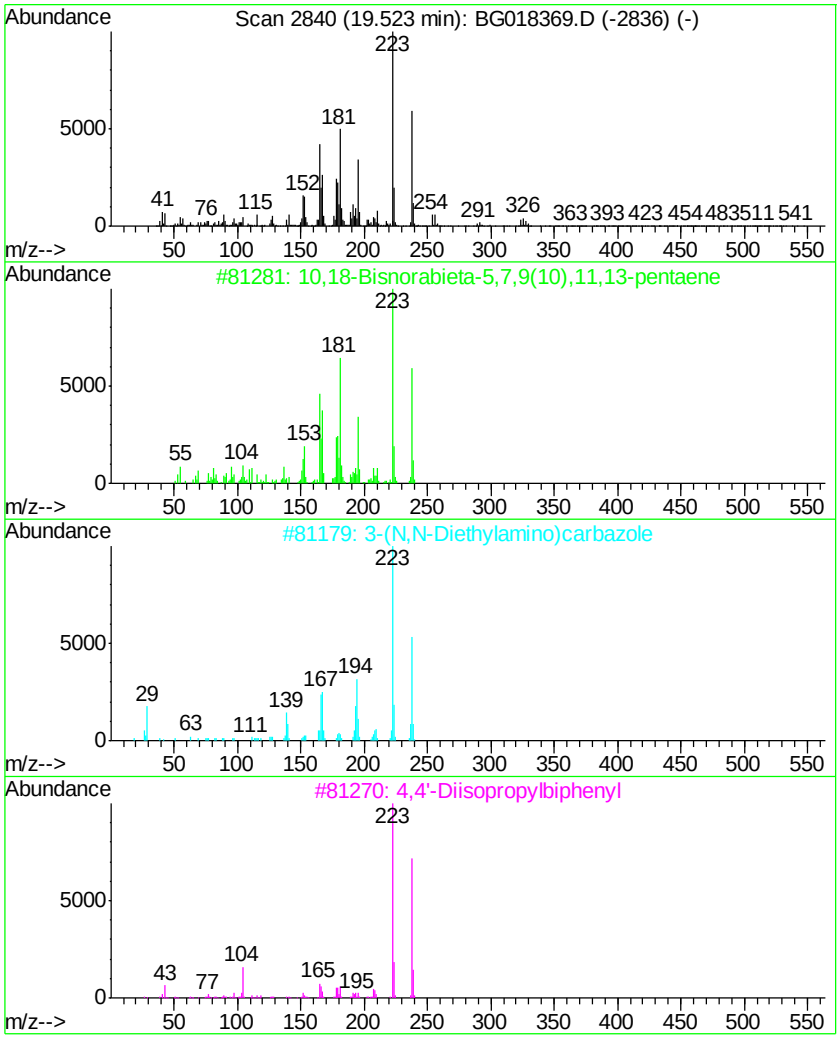
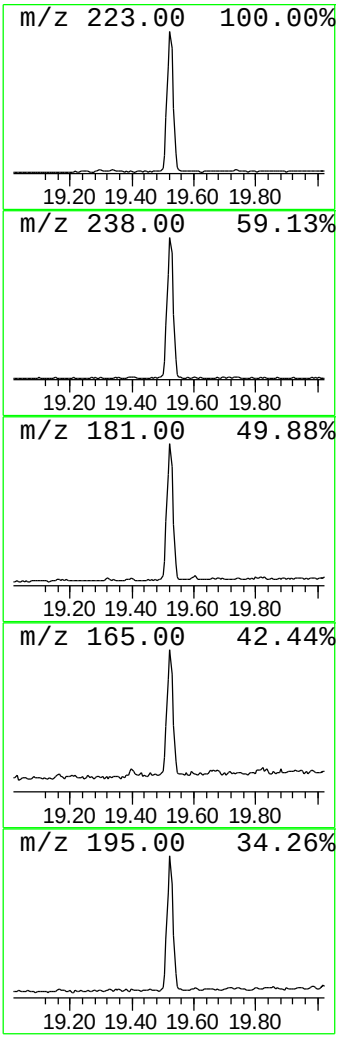
Peak Number 10 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	44.75 ng/ul	3551550	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	99
2	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	53
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
4	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	46
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018369.D
Acq On : 11 Aug 2015 00:44
Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W6

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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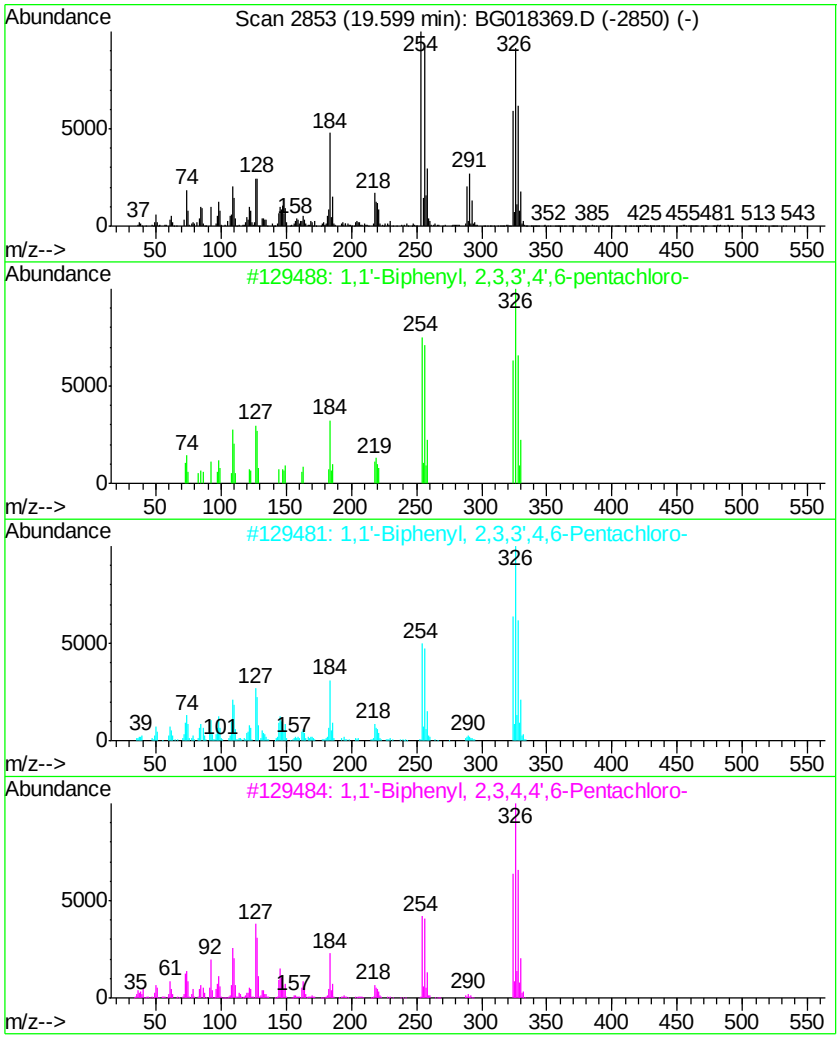
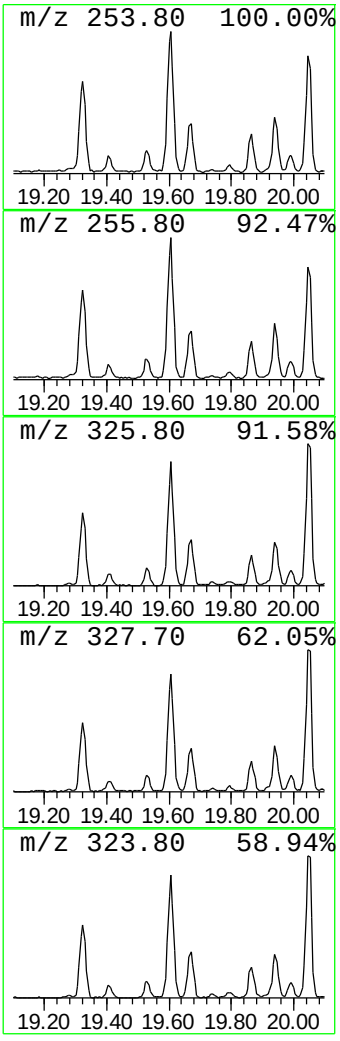
Peak Number 11 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	2.65 ng/ul	2137850	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	96
2	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	96
3	1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	96
4	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	96
5	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018369.D
Acq On : 11 Aug 2015 00:44
Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W6

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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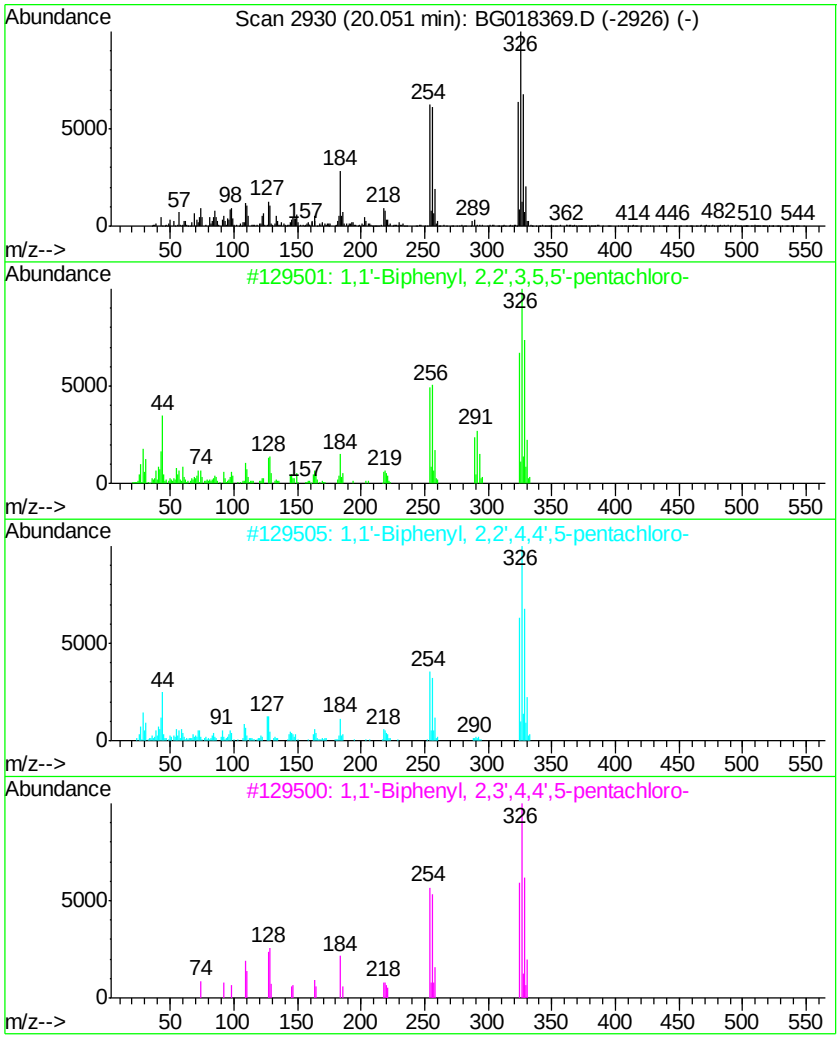
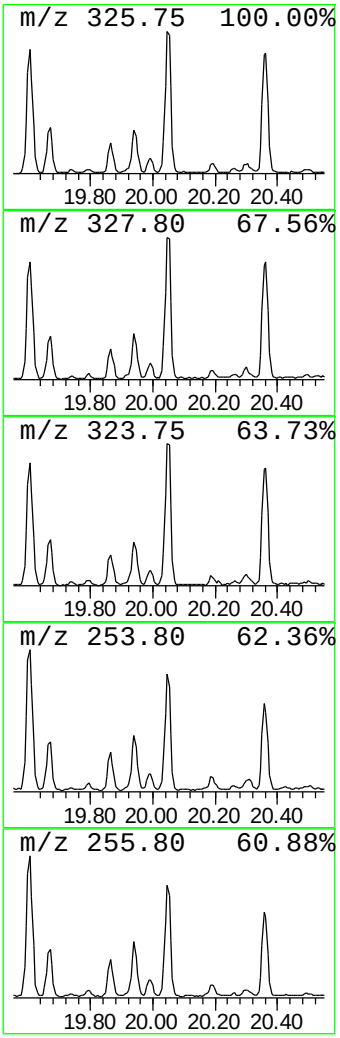
Peak Number 12 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	2.31 ng/ul	1857970	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
4	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	95
5	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018369.D
Acq On : 11 Aug 2015 00:44
Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W6

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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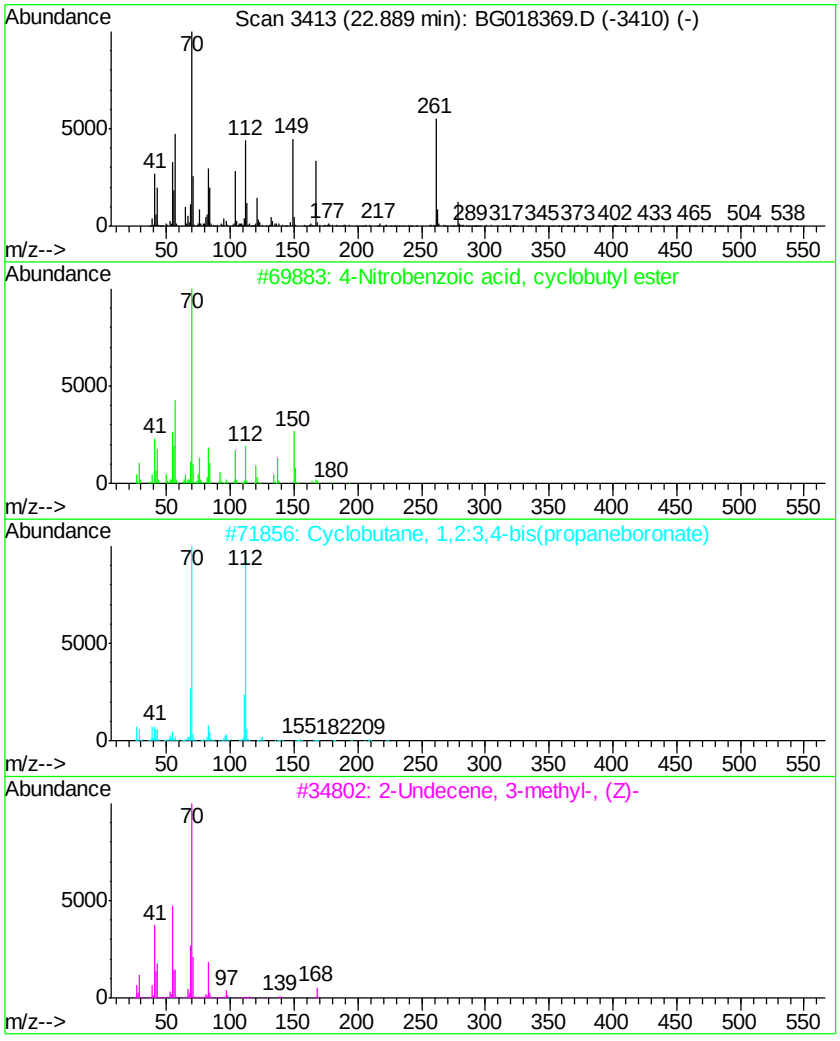
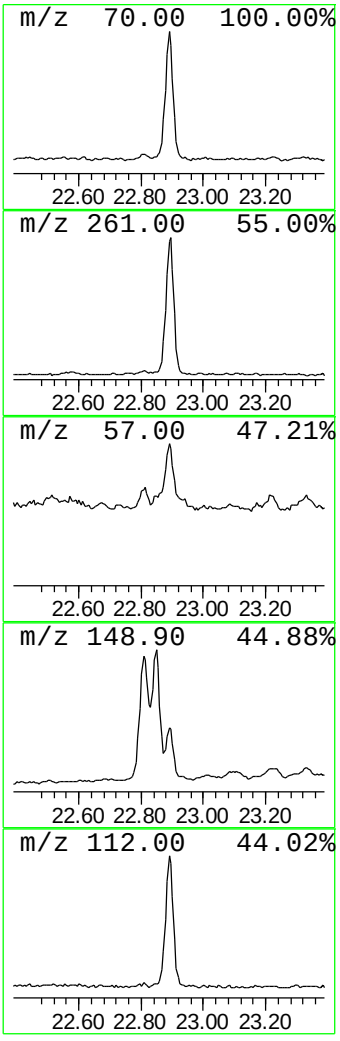
Peak Number 13 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.89	4.44 ng/ul	3577160	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nitrobenzoic acid, cyclobutyl ...	221	C11H11NO4	070335-00-1	25
2	Cyclobutane, 1,2:3,4-bis(propane...	224	C10H18B2O4	1000159-70-4	17
3	2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	14
4	6-Methyl-cyclohex-2-en-1-ol	112	C7H12O	1000144-17-3	12
5	1-(2-Hydroxymethylpyrrolidin-1-y...	143	C7H13NO2	1000192-83-2	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018369.D
Acq On : 11 Aug 2015 00:44
Operator : UM/MA
Sample : G3109-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01W6

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, 1,3,5-tr...	7.69	2.1	ng/ul	79910	1	8.04	777660	20.0
unknown-01	13.26	3.3	ng/ul	288008	3	14.67	1731560	20.0
Tri(2-chloroethyl...	16.90	2.6	ng/ul	203163	4	17.41	1587190	20.0
2-Propanol, 1-chl...	17.17	5.9	ng/ul	466445	4	17.41	1587190	20.0
1,1'-Biphenyl, 2,...	18.01	17.2	ng/ul	1362360	4	17.41	1587190	20.0
1,1'-Biphenyl, 2,...	18.48	18.3	ng/ul	1452150	4	17.41	1587190	20.0
1,1'-Biphenyl, 2,...	18.76	7.2	ng/ul	573420	4	17.41	1587190	20.0
1,1'-Biphenyl, 2,...	19.32	19.4	ng/ul	1538020	4	17.41	1587190	20.0
10,18-Bisnorabiet...	19.52	44.8	ng/ul	3551550	4	17.41	1587190	20.0
1,1'-Biphenyl, 2,...	19.60	2.6	ng/ul	2137850	5	21.69	16120600	20.0
1,1'-Biphenyl, 2,...	20.05	2.3	ng/ul	1857970	5	21.69	16120600	20.0
unknown-02	22.89	4.4	ng/ul	3577160	5	21.69	16120600	20.0