LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035662.D
Acq On : 16 Jul 2018 10:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC040

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.557	40	46	56	rVB	76640	123437	3.45%	0.135%
2	3.863	93	98	108	rBV	103626	176332	4.93%	0.193%
3	3.951	108	113	129	rVB	190756	355059	9.93%	0.389%
4	5.631	393	399	411	rBV	465780	770677	21.56%	0.844%
5	7.217	659	669	684	rBV3	570328	1760151	49.25%	1.927%
6	7.381	690	697	706	rBV	283609	519020	14.52%	0.568%
7	7.475	706	713	721	rBV	210353	333077	9.32%	0.365%
8	7.593	723	733	736	rBV	478576	923343	25.83%	1.011%
9	7.945	785	793	801	rBV	306567	520772	14.57%	0.570%
10	8.057	805	812	814	rVV	155294	252914	7.08%	0.277%
11	8.092	814	818	828	rVB	325159	558606	15.63%	0.611%
12	8.292	844	852	859	rBV	343387	592621	16.58%	0.649%
13	8.380	860	867	880	rVV2	588007	1563470	43.74%	1.711%
14	8.492	880	886	894	rVV	356771	603680	16.89%	0.661%
15	8.580	894	901	907	rVV	117601	308464	8.63%	0.338%
16	8.633	907	910	918	rVB	79221	118485	3.32%	0.130%
17	8.820	934	942	945	rBV	331091	622552	17.42%	0.681%
18	8.867	945	950	960	rVB2	484781	1192453	33.36%	1.305%
19	9.138	988	996	1003	rBV	269583	463020	12.95%	0.507%
20	9.220	1003	1010	1014	rVV	505688	961907	26.91%	1.053%
21	9.261	1014	1017	1026	rVB	275079	433062	12.12%	0.474%
22	9.778	1097	1105	1115	rBV	400440	676478	18.93%	0.740%
23	9.972	1130	1138	1142	rBV	224284	392407	10.98%	0.430%
24	10.025	1142	1147	1155	rVB	376740	628181	17.58%	0.688%
25	10.166	1161	1171	1181	rBV3	91127	291220	8.15%	0.319%
26	10.260	1181	1187	1198	rVB	290310	500802	14.01%	0.548%
27	10.506	1223	1229	1238	rVB	339490	603502	16.89%	0.661%
28	10.724	1258	1266	1273	rBV	392689	710362	19.88%	0.778%
29	10.859	1279	1289	1293	rBV	220170	409755	11.46%	0.449%
30	10.912	1293	1298	1305	rVB	458121	805976	22.55%	0.882%
31	11.018	1308	1316	1324	rBV2	330931	621955	17.40%	0.681%
32	11.194	1338	1346	1353	rBV	457225	763820	21.37%	0.836%
33	11.787	1439	1447	1459	rBV	193113	457328	12.80%	0.501%
34	12.134	1497	1506	1519	rBV	434147	732593	20.50%	0.802%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035662.D
Acq On : 16 Jul 2018 10:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC040

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.510	1563	1570	1578	rVB	626041	1002740	28.06%	1.098%
36	12.633	1583	1591	1596	rBV5	29519	52350	1.46%	0.057%
37	12.727	1597	1607	1615	rVB	582879	1006120	28.15%	1.101%
38	12.874	1622	1632	1645	rVB2	610144	1437986	40.23%	1.574%
39	13.115	1665	1673	1680	rBV	467616	743158	20.79%	0.813%
40	13.191	1680	1686	1698	rVV	435819	759010	21.24%	0.831%
41	13.303	1698	1705	1712	rVB	1474385	2249272	62.93%	2.462%
42	13.514	1734	1741	1744	rBV	744066	1174843	32.87%	1.286%
43	13.555	1744	1748	1757	rVB	625224	983828	27.53%	1.077%
44	13.755	1773	1782	1790	rBV	371757	622723	17.42%	0.682%
45	14.043	1822	1831	1837	rBV	284994	469350	13.13%	0.514%
46	14.131	1839	1846	1851	rVV	694430	1030398	28.83%	1.128%
47	14.190	1851	1856	1861	rVV	336175	525640	14.71%	0.575%
48	14.248	1861	1866	1873	rVV	459315	697537	19.52%	0.764%
49	14.354	1875	1884	1887	rVV	283325	439533	12.30%	0.481%
50	14.401	1887	1892	1900	rVB	707056	1106444	30.96%	1.211%
51	14.583	1915	1923	1932	rBV	412502	668352	18.70%	0.732%
52	14.677	1932	1939	1945	rVV2	372857	624356	17.47%	0.683%
53	14.742	1945	1950	1955	rVV	880057	1351061	37.80%	1.479%
54	14.783	1955	1957	1965	rVV	165684	244175	6.83%	0.267%
55	14.889	1969	1975	1991	rVV	250231	472140	13.21%	0.517%
56	15.036	1991	2000	2003	rVV	480184	751031	21.01%	0.822%
57	15.077	2003	2007	2015	rVB	781685	1165946	32.62%	1.276%
58	15.218	2024	2031	2038	rBV	556665	845257	23.65%	0.925%
59	15.300	2038	2045	2057	rVB	528807	846044	23.67%	0.926%
60	15.488	2071	2077	2086	rVB	849453	1132689	31.69%	1.240%
61	15.717	2109	2116	2125	rBV3	1567791	3229165	90.35%	3.535%
62	15.799	2125	2130	2141	rVV	322880	487688	13.65%	0.534%
63	15.929	2145	2152	2158	rVV	1000777	1434486	40.14%	1.570%
64	16.005	2158	2165	2172	rVB	751217	1064912	29.80%	1.166%
65	16.163	2185	2192	2207	rBV	792665	1194669	33.43%	1.308%
66	16.604	2261	2267	2274	rVB	812251	1115897	31.22%	1.221%
67	16.727	2281	2288	2295	rVB	788662	1152949	32.26%	1.262%
68	16.874	2306	2313	2322	rBV	727409	1021856	28.59%	1.119%
69	17.068	2339	2346	2357	rBV	481556	794257	22.22%	0.869%
70	17.421	2399	2406	2409	rBV	553194	831580	23.27%	0.910%
71	17.462	2409	2413	2420	rVV	1065342	1608837	45.01%	1.761%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035662.D
Acq On : 16 Jul 2018 10:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC040

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.556	2422	2429	2436	rVV	1085387	1570292	43.94%	1.719%
73	17.820	2467	2474	2487	rBV	959823	1432662	40.08%	1.568%
74	18.372	2561	2568	2577	rBV	1085920	1353548	37.87%	1.482%
75	19.465	2748	2754	2761	rBV	1345007	1909657	53.43%	2.090%
76	19.647	2778	2785	2793	rBV	500328	743297	20.80%	0.814%
77	19.829	2806	2816	2823	rBV	1373014	1937378	54.21%	2.121%
78	20.023	2843	2849	2855	rBV	2789981	3574076	100.00%	3.912%
79	20.710	2960	2966	2971	rBV	1146091	1353140	37.86%	1.481%
80	20.775	2972	2977	2983	rVB	1273835	1401022	39.20%	1.534%
81	21.568	3106	3112	3122	rBV2	1459879	2798272	78.29%	3.063%
82	21.674	3122	3130	3136	rVV2	1293257	2966513	83.00%	3.247%
83	21.732	3136	3140	3149	rVB	1226690	1939846	54.28%	2.123%
84	22.772	3311	3317	3327	rVB	821334	1461765	40.90%	1.600%
85	23.882	3496	3506	3512	rBV	802432	1928679	53.96%	2.111%
86	23.953	3512	3518	3537	rVB	799523	1897027	53.08%	2.077%
87	24.758	3644	3655	3668	rVB	659942	1798860	50.33%	1.969%
88	24.905	3670	3680	3689	rBV3	317440	875727	24.50%	0.959%
89	26.044	3863	3874	3879	rBV3	16459	52725	1.48%	0.058%
90	27.389	4093	4103	4116	rBV3	18423	77197	2.16%	0.085%
91	28.582	4287	4306	4308	rBV2	425751	1475081	41.27%	1.615%
92	29.733	4483	4502	4520	rVB3	355071	1724385	48.25%	1.888%

Sum of corrected areas: 91356909

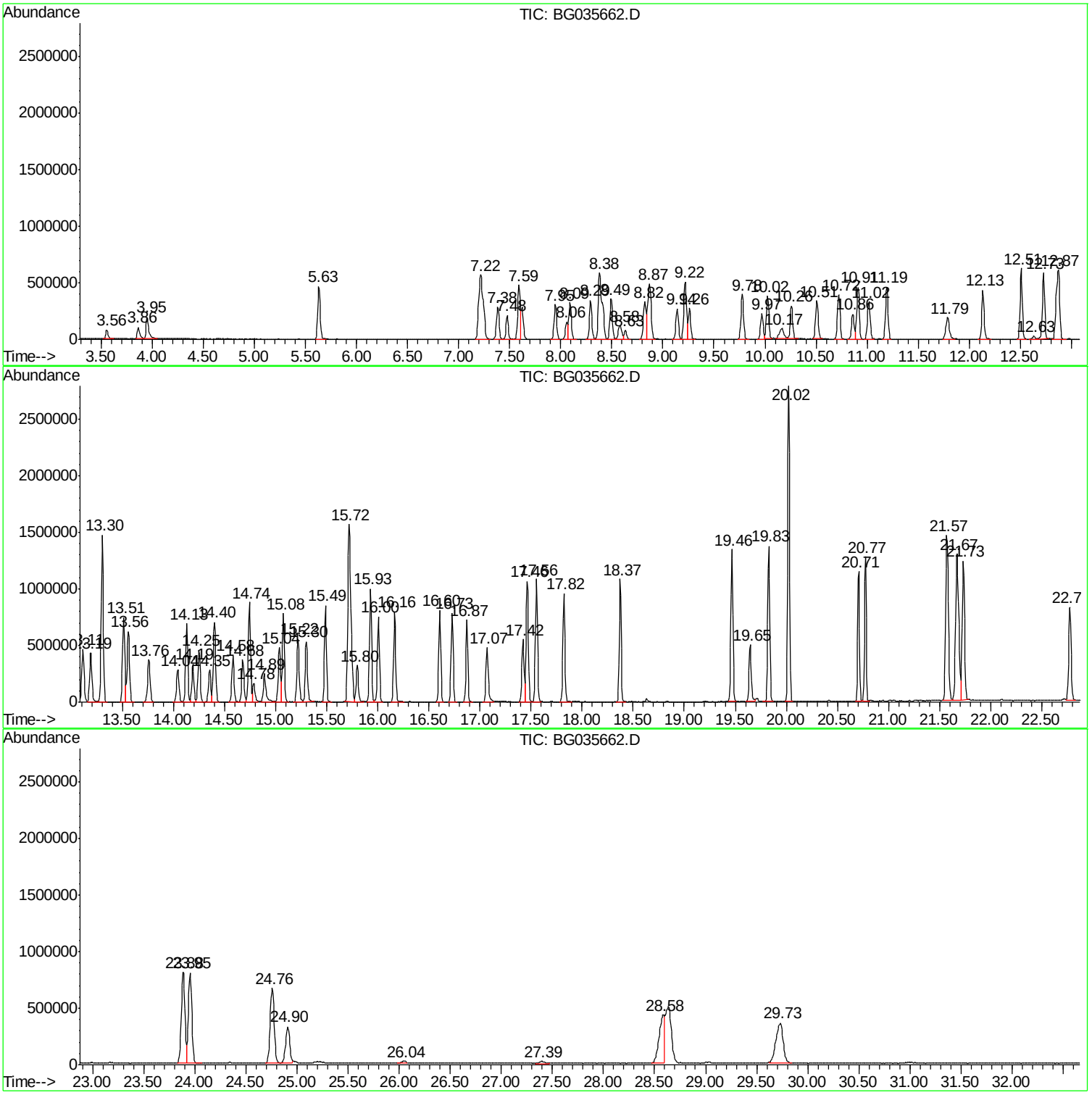
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035662.D
Acq On : 16 Jul 2018 10:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC040

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035662.D
Acq On : 16 Jul 2018 10:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC040

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

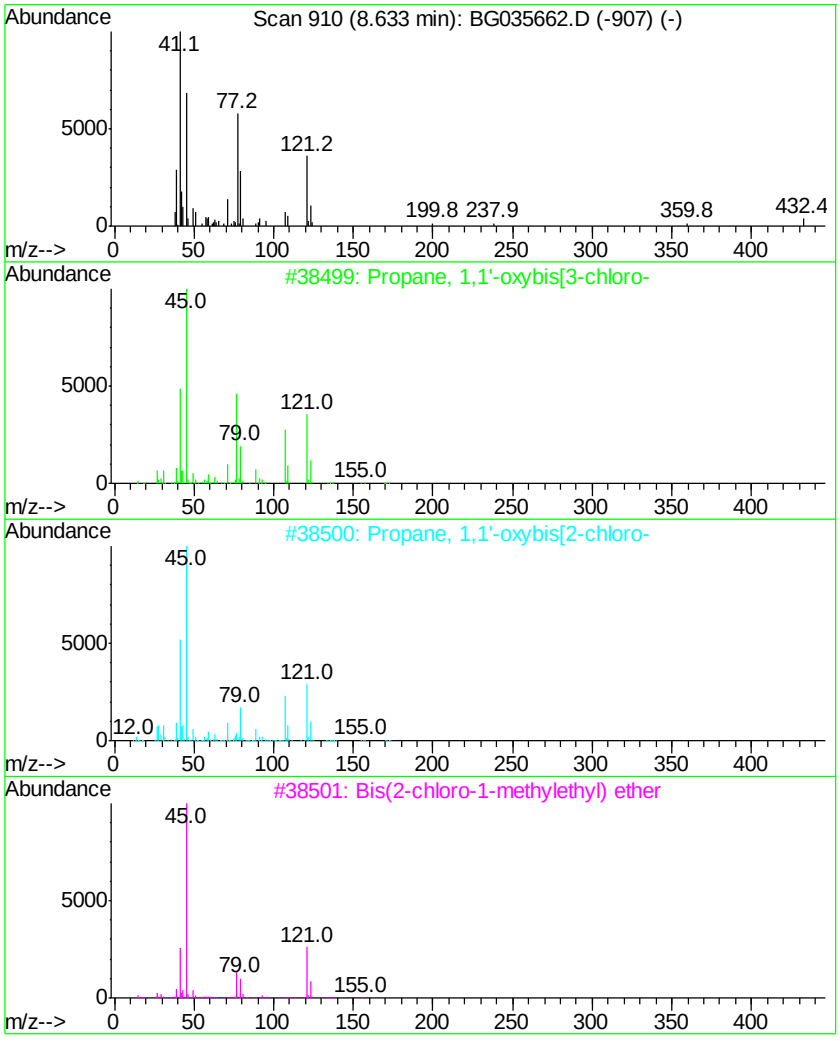
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

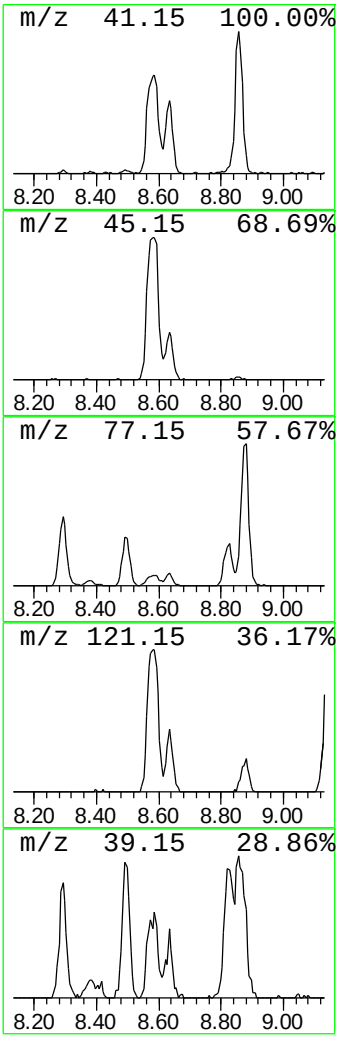
****

Peak Number 1 Propane, 1,1'-oxybis[3-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	9.37 ng	118485	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1'-oxybis[3-chloro-	170	C6H12Cl2O	000629-36-7	56
2	Propane, 1,1'-oxybis[2-chloro-	170	C6H12Cl2O	054460-96-7	40
3	Bis(2-chloro-1-methylethyl) ether	170	C6H12Cl2O	000108-60-1	33
4	Bis(2-chloroisopropyl) ether	170	C6H12Cl2O	039638-32-9	32
5	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035662.D
Acq On : 16 Jul 2018 10:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC040

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

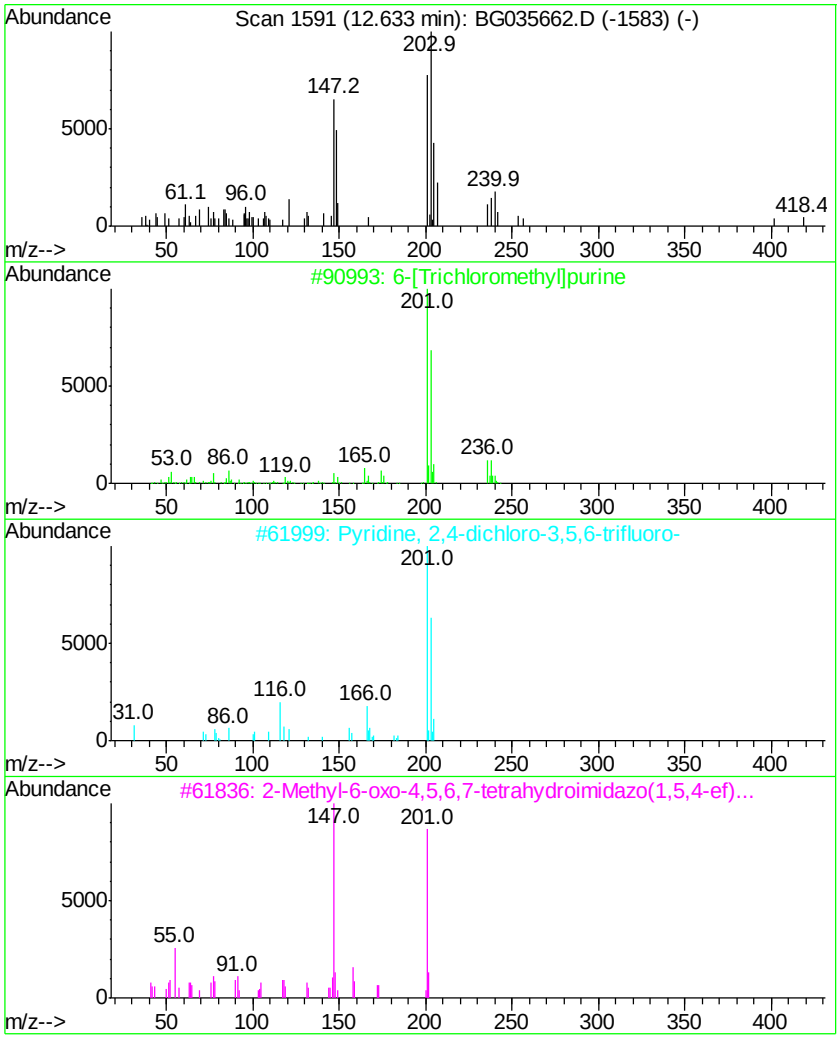
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

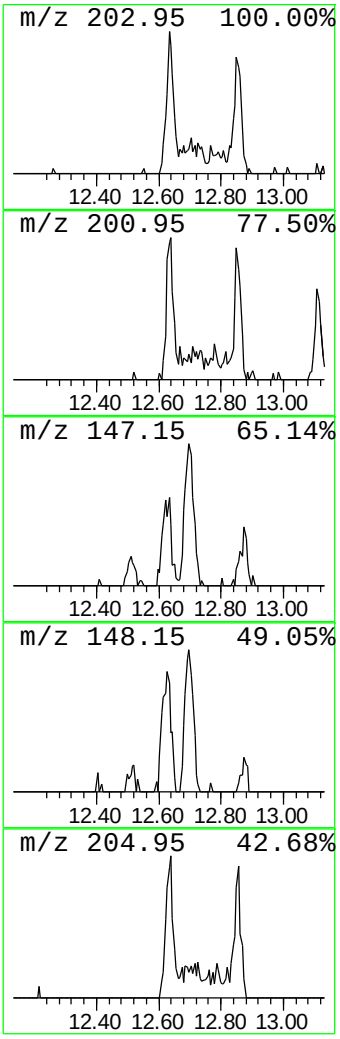
****

Peak Number 2 6-[Trichloromethyl]purine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.56 ng	52350	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-[Trichloromethyl]purine	236	C6H3Cl3N4	002568-37-8	38
2	Pyridine, 2,4-dichloro-3,5,6-tri...	201	C5Cl2F3N	054889-43-9	27
3	2-Methyl-6-oxo-4,5,6,7-tetrahydr...	201	C11H11N3O	066596-67-6	27
4	5-Bromo-2,6-dimethyl-4-pyrimidin...	201	C6H8BrN3	007752-80-9	22
5	4-Chlorodiphenylamine	203	C12H10ClN	1000308-70-0	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035662.D
Acq On : 16 Jul 2018 10:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC040

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

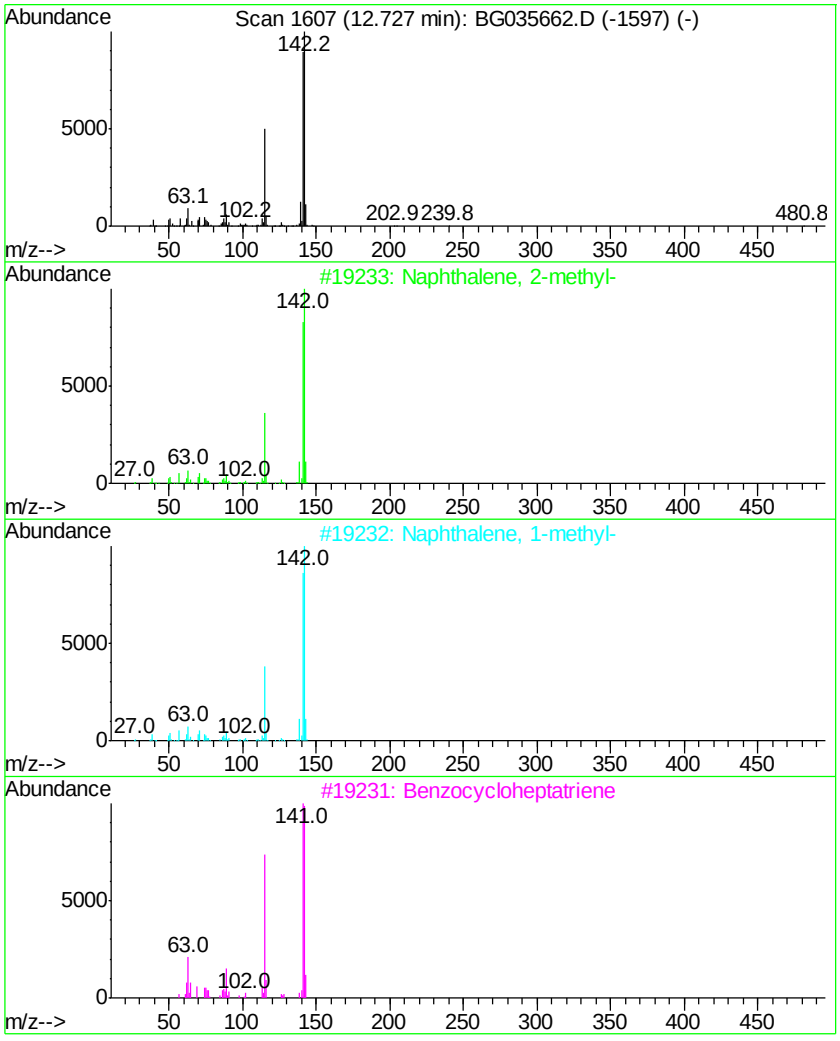
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

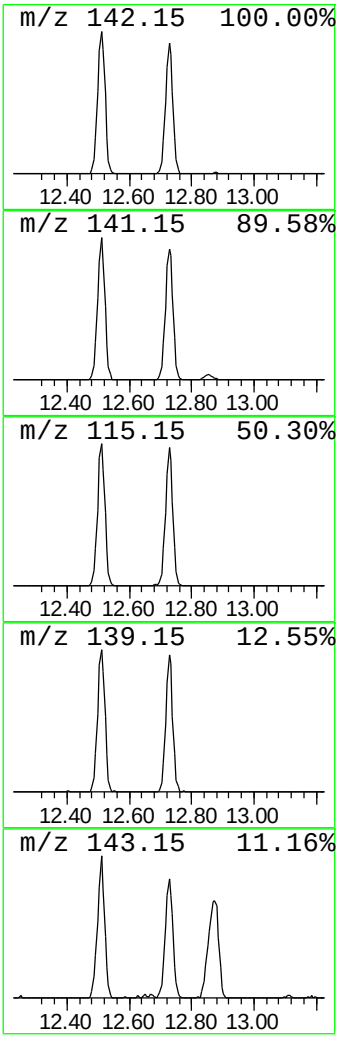
****

Peak Number 3 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	49.11 ng	1006120	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035662.D
Acq On : 16 Jul 2018 10:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC040

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

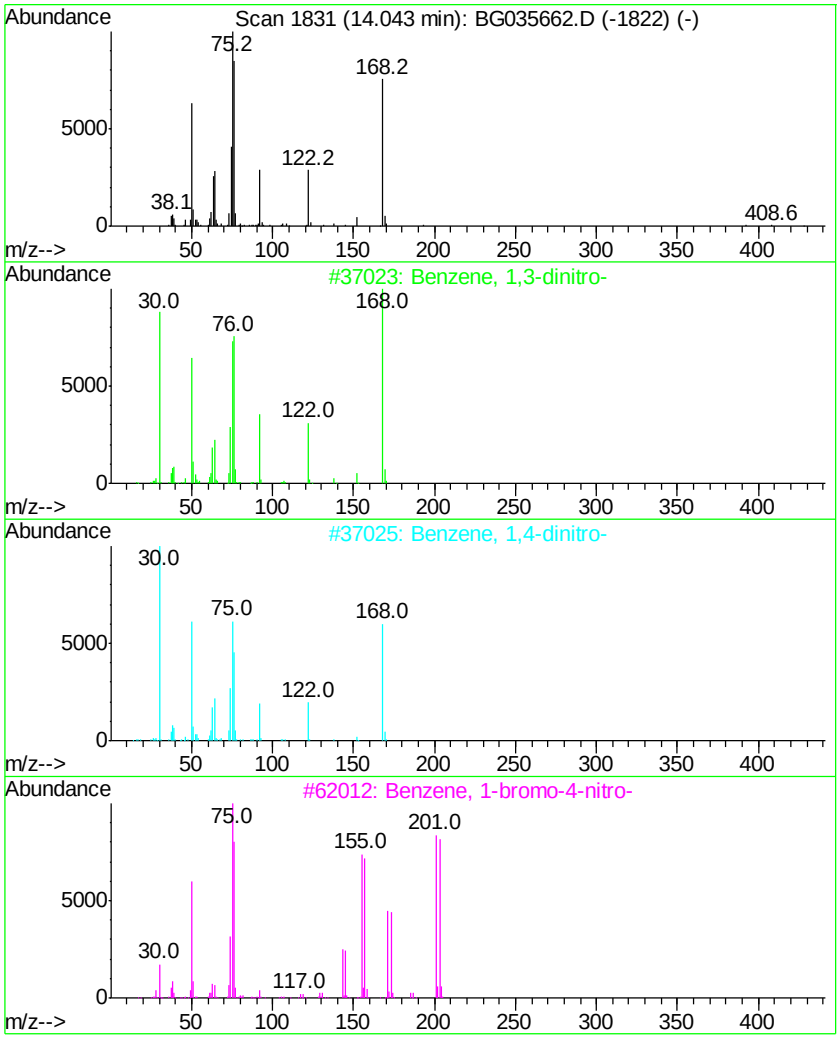
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

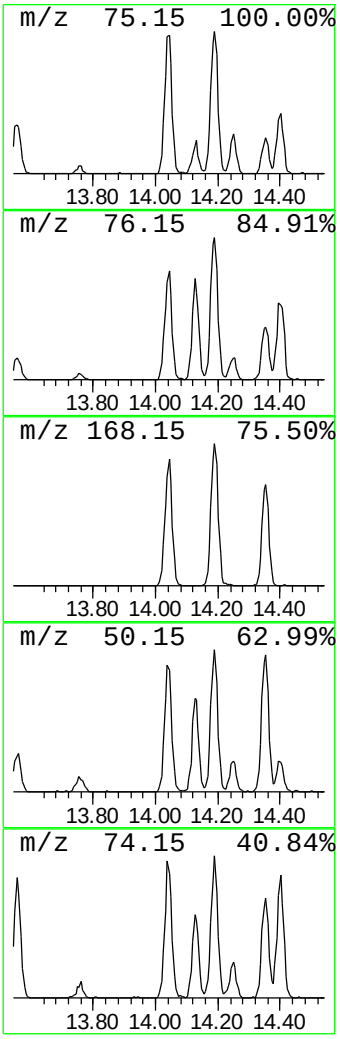
****

Peak Number 4 Benzene, 1,3-dinitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	15.03 ng	469350	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dinitro-	168	C6H4N2O4	000099-65-0	93
2	Benzene, 1,4-dinitro-	168	C6H4N2O4	000100-25-4	87
3	Benzene, 1-bromo-4-nitro-	201	C6H4BrNO2	000586-78-7	64
4	Saccharin	183	C7H5NO3S	000081-07-2	50
5	Benzene, 1-bromo-2-nitro-	201	C6H4BrNO2	000577-19-5	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035662.D
Acq On : 16 Jul 2018 10:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC040

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

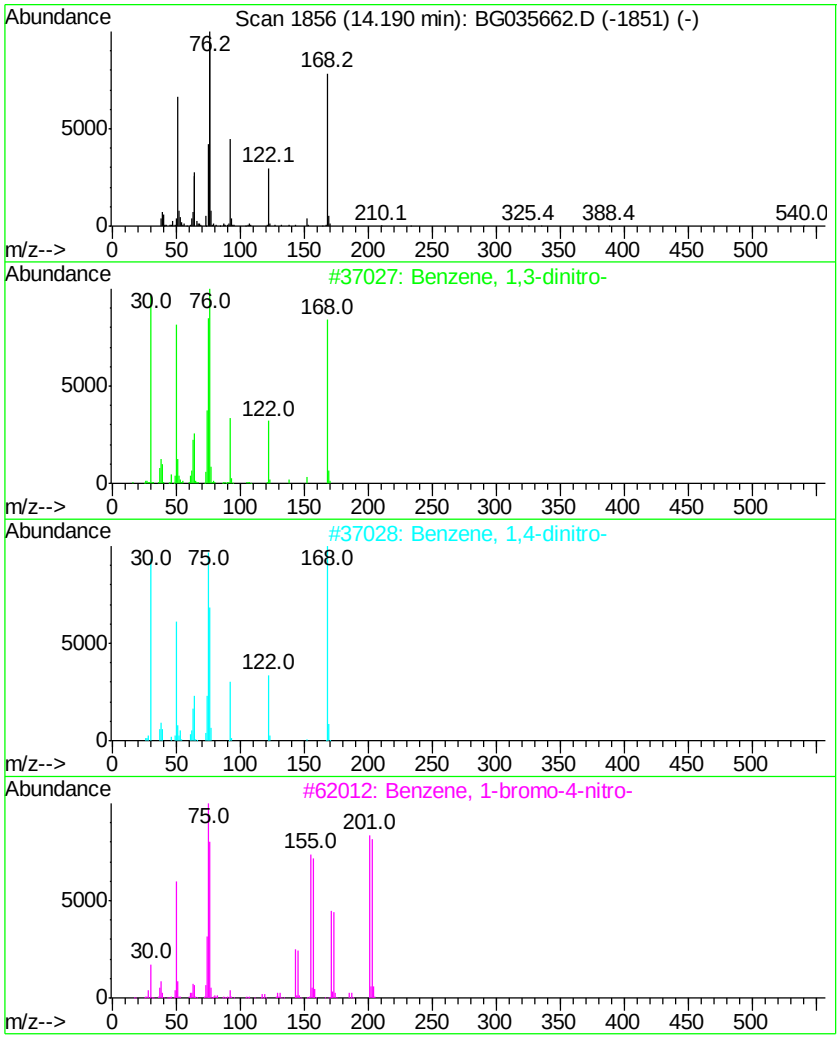
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

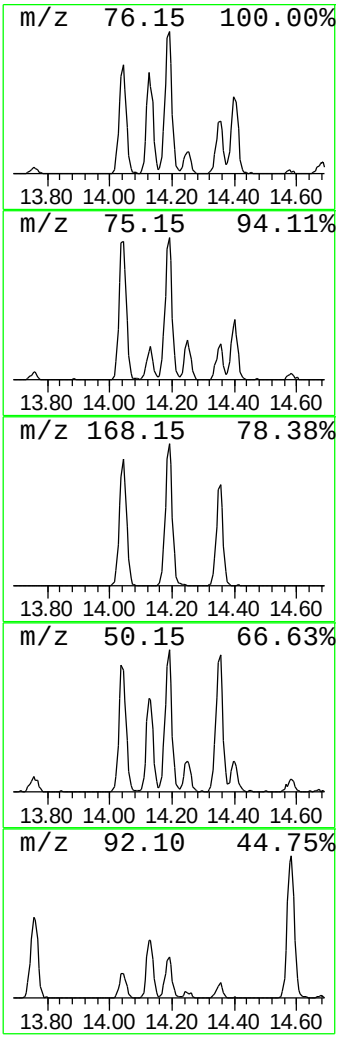
****

Peak Number 5 Benzene, 1,3-dinitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	16.84 ng	525640	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dinitro-	168	C6H4N2O4	000099-65-0	94
2	Benzene, 1,4-dinitro-	168	C6H4N2O4	000100-25-4	64
3	Benzene, 1-bromo-4-nitro-	201	C6H4BrNO2	000586-78-7	59
4	Benzene, 1-bromo-2-nitro-	201	C6H4BrNO2	000577-19-5	45
5	9,10-o-Benzeno-9,10-dihydroanthr...	284	C20H12O2	003519-82-2	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035662.D
Acq On : 16 Jul 2018 10:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC040

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

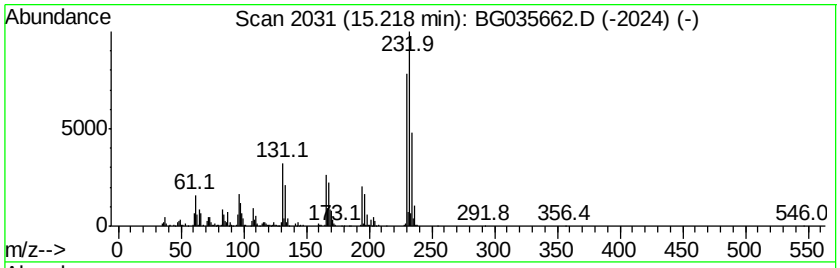
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

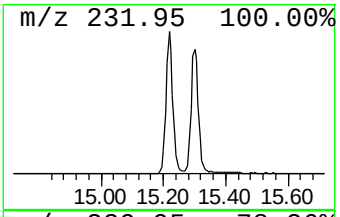
****

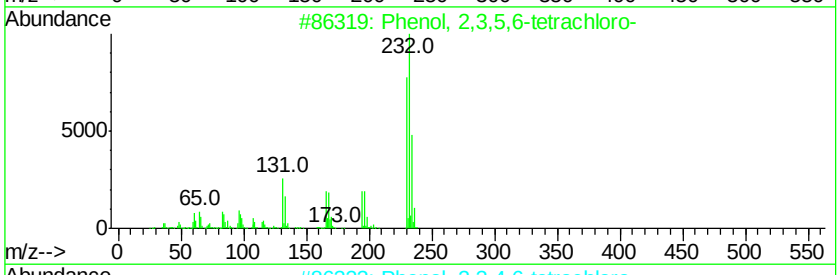
Peak Number 6 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 2

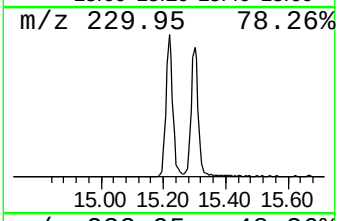
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	27.08 ng	845257	Acenaphthene-d10	14.68

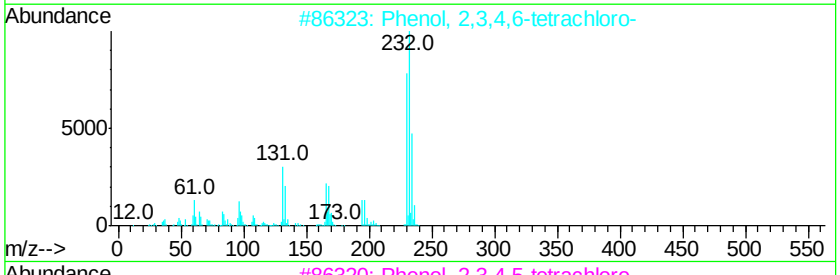
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99
2	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	97
3	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	93
4	Benzene, 1,2,3,5-tetrachloro-4-e...	258	C8H6Cl4O	056818-02-1	78
5	1,3-Benzodioxole-5-methanol, 6-b...	230	C8H7BrO3	006642-34-8	38

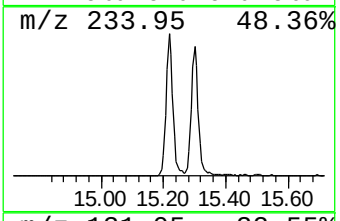


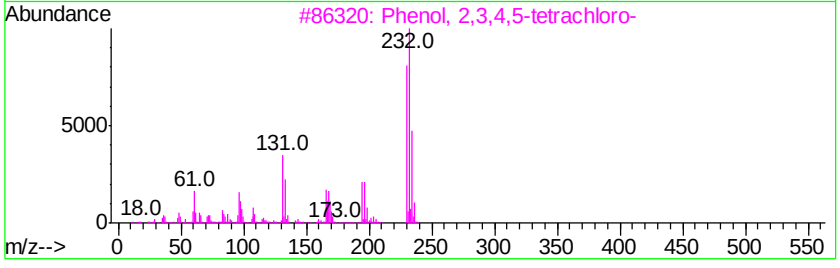


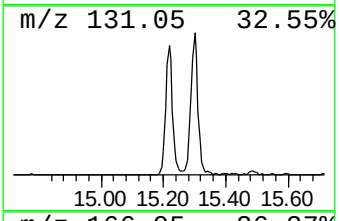


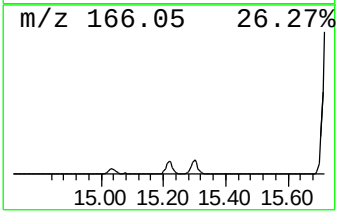












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035662.D
Acq On : 16 Jul 2018 10:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC040

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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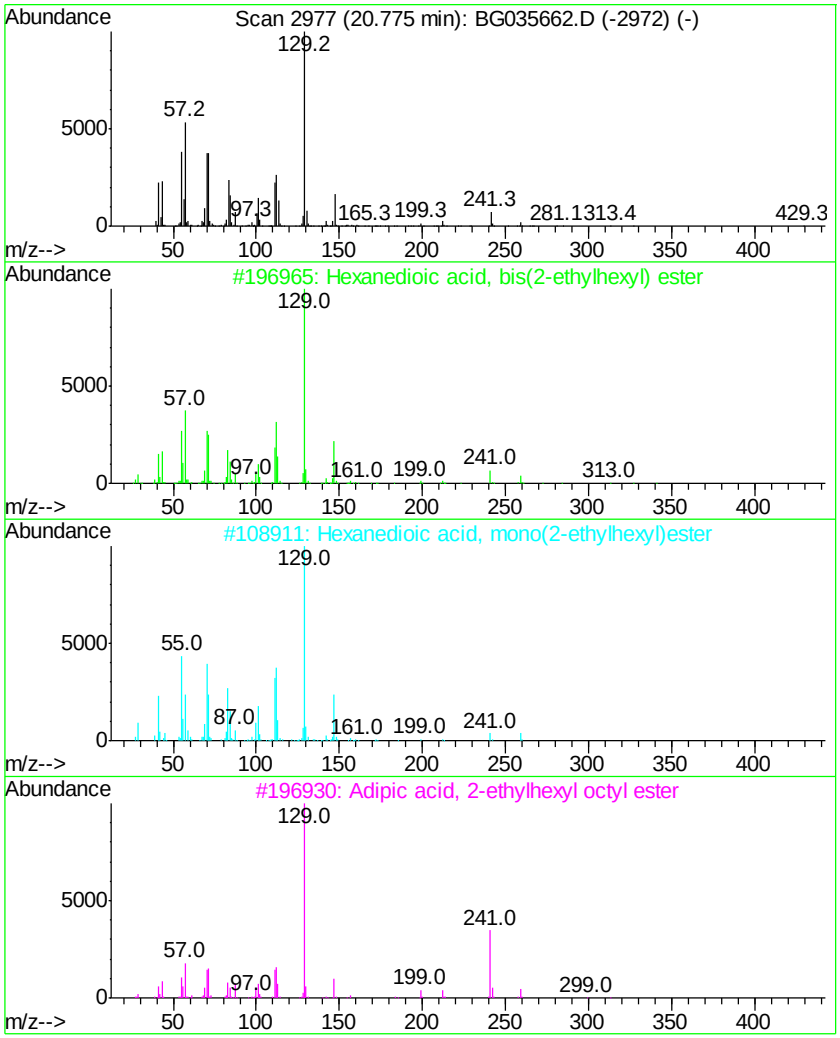
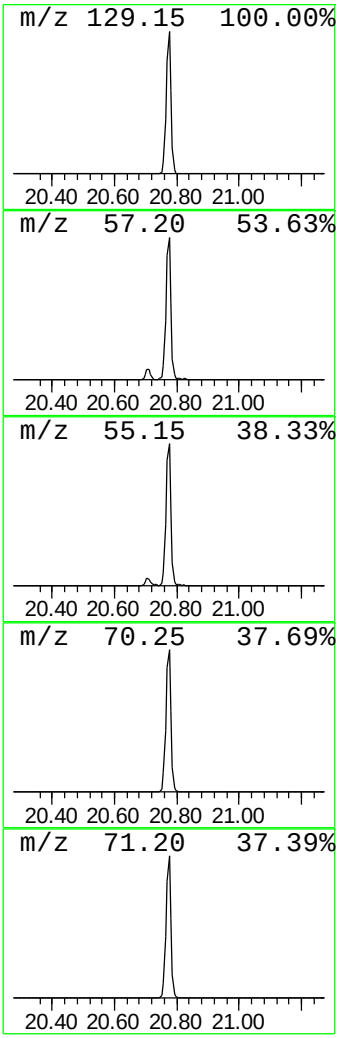
Peak Number 7 Hexanedioic acid, bis(2-eth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	9.45 ng	1401020	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	91
3	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	58
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071618\
Data File : BG035662.D
Acq On : 16 Jul 2018 10:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC040

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1'-oxy...	8.63	9.4	ng	118485	1	8.06	252914	20.0
6-[Trichloromethy...	12.63	2.6	ng	52350	2	10.86	409755	20.0
Naphthalene, 2-me...	12.73	49.1	ng	1006120	2	10.86	409755	20.0
Benzene, 1,3-dini...	14.04	15.0	ng	469350	3	14.68	624356	20.0
Benzene, 1,3-dini...	14.19	16.8	ng	525640	3	14.68	624356	20.0
Phenol, 2,3,5,6-t...	15.22	27.1	ng	845257	3	14.68	624356	20.0
Hexanedioic acid,...	20.77	9.4	ng	1401020	5	21.69	2966510	20.0