LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002037.D
Acq On : 13 Jul 2018 16:56
Operator : JU/SJ
Sample : J3847-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.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	3.011	3	4	24	rVB	1403178	1748937	7.16%	0.683%
2	5.069	347	354	365	rBV	2824776	4387886	17.95%	1.713%
3	6.887	654	663	675	rVB	522908	952876	3.90%	0.372%
4	7.046	683	690	702	rBV	2107170	3211293	13.14%	1.254%
5	7.246	711	724	736	rBV2	2027301	4143817	16.95%	1.618%
6	7.593	775	783	791	rVB	418985	693121	2.84%	0.271%
7	7.705	794	802	804	rBV	1719144	2567777	10.51%	1.002%
8	7.740	804	808	817	rVB	4574826	7300425	29.87%	2.850%
9	8.058	852	862	870	rBV	14703824	24440931	100.00%	9.542%
10	8.410	916	922	933	rVB	1514533	2559084	10.47%	0.999%
11	8.858	982	998	1001	rBV	2458853	4433192	18.14%	1.731%
12	8.905	1001	1006	1017	rVB	8506447	13953879	57.09%	5.448%
13	9.569	1112	1119	1132	rVB	2220512	4017651	16.44%	1.569%
14	10.110	1203	1211	1217	rBV	3019304	5228507	21.39%	2.041%
15	10.175	1217	1222	1228	rVB	278286	478640	1.96%	0.187%
16	10.346	1243	1251	1266	rVB	4757320	8428422	34.48%	3.290%
17	10.481	1266	1274	1282	rBV	2619655	4331197	17.72%	1.691%
18	10.863	1327	1339	1348	rVB	3482562	5712033	23.37%	2.230%
19	11.081	1364	1376	1383	rBV	7073832	12146734	49.70%	4.742%
20	11.293	1402	1412	1423	rBV	1605307	2816845	11.53%	1.100%
21	11.775	1487	1494	1505	rBV2	405848	768270	3.14%	0.300%
22	12.463	1605	1611	1617	rBV	596452	1006549	4.12%	0.393%
23	12.516	1617	1620	1628	rVB	215712	333359	1.36%	0.130%
24	12.763	1653	1662	1672	rBV4	118213	378078	1.55%	0.148%
25	12.910	1681	1687	1692	rBV	273646	424133	1.74%	0.166%
26	13.128	1718	1724	1735	rVB	1842805	3031197	12.40%	1.183%
27	13.363	1757	1764	1771	rVV2	583851	1026582	4.20%	0.401%
28	13.751	1820	1830	1836	rBV	7019726	10613923	43.43%	4.144%
29	13.804	1836	1839	1844	rVB	214236	314567	1.29%	0.123%
30	14.028	1871	1877	1886	rVB	7059555	10837171	44.34%	4.231%
31	14.340	1920	1930	1943	rBV2	3927447	6181620	25.29%	2.413%
32	14.551	1961	1966	1975	rVB	628053	1009462	4.13%	0.394%
33	14.834	2008	2014	2025	rBV2	174111	398857	1.63%	0.156%
34	15.340	2092	2100	2106	rBV	9156293	13511569	55.28%	5.275%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002037.D
Acq On : 13 Jul 2018 16:56
Operator : JU/SJ
Sample : J3847-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Title : SVOA CALIBRATION

35	15.463	2114	2121	2134	rBV	3620880	5172585	21.16%	2.019%
36	16.487	2291	2295	2302	rBV2	163890	247297	1.01%	0.097%
37	16.739	2333	2338	2347	rVB	189364	302210	1.24%	0.118%
38	16.892	2360	2364	2370	rVB	231239	340609	1.39%	0.133%
39	17.086	2390	2397	2407	rBV	5046221	7276342	29.77%	2.841%
40	17.186	2407	2414	2422	rBV	10392867	14978329	61.28%	5.848%
41	17.286	2425	2431	2434	rBV2	149372	265194	1.09%	0.104%
42	17.328	2434	2438	2450	rVB8	130963	348655	1.43%	0.136%
43	17.710	2493	2503	2509	rBV5	150962	324445	1.33%	0.127%
44	17.810	2515	2520	2526	rVB6	153146	252134	1.03%	0.098%
45	18.063	2557	2563	2570	rVB3	217852	397274	1.63%	0.155%
46	18.463	2621	2631	2640	rBV	7388870	10977493	44.91%	4.286%
47	18.539	2641	2644	2648	rVV4	180927	320433	1.31%	0.125%
48	18.592	2648	2653	2663	rVB	375937	720872	2.95%	0.281%
49	18.757	2676	2681	2684	rBV3	181277	301369	1.23%	0.118%
50	18.798	2684	2688	2692	rVV	551551	857258	3.51%	0.335%
51	19.486	2799	2805	2813	rBV2	11864969	17179762	70.29%	6.707%
52	21.286	3106	3111	3117	rBV	6549728	8203117	33.56%	3.203%
53	23.386	3460	3468	3480	rVB	8580832	16629549	68.04%	6.492%
54	23.527	3485	3492	3500	rVB	4083371	7661153	31.35%	2.991%

Sum of corrected areas: 256144664

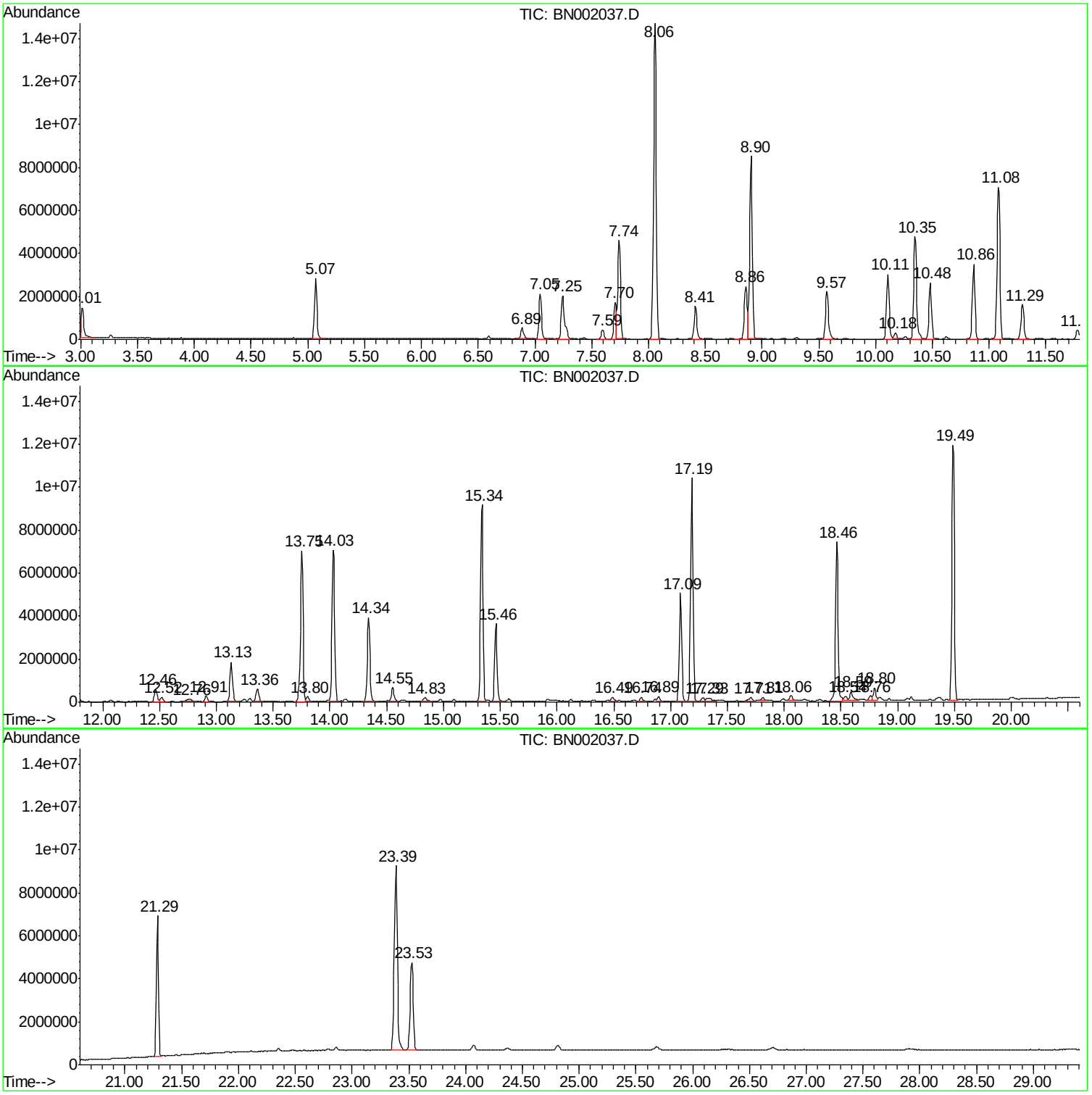
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002037.D
Acq On : 13 Jul 2018 16:56
Operator : JU/SJ
Sample : J3847-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002037.D
Acq On : 13 Jul 2018 16:56
Operator : JU/SJ
Sample : J3847-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

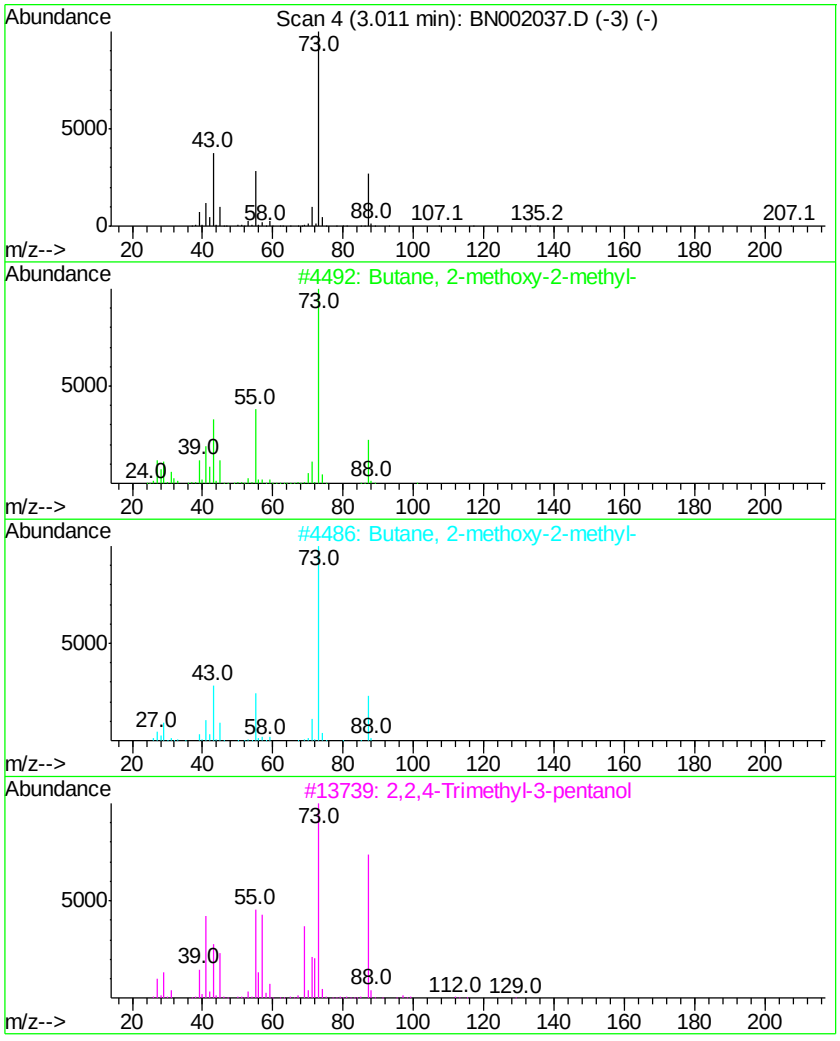
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

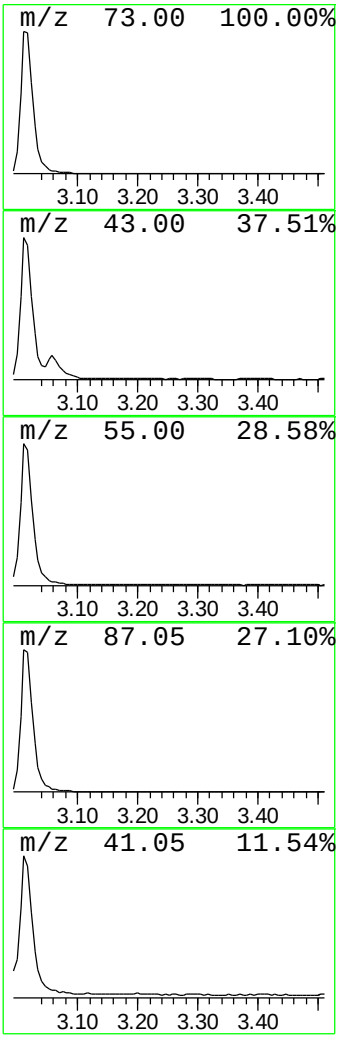
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	13.62 ng/ul	1748940	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002037.D
Acq On : 13 Jul 2018 16:56
Operator : JU/SJ
Sample : J3847-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

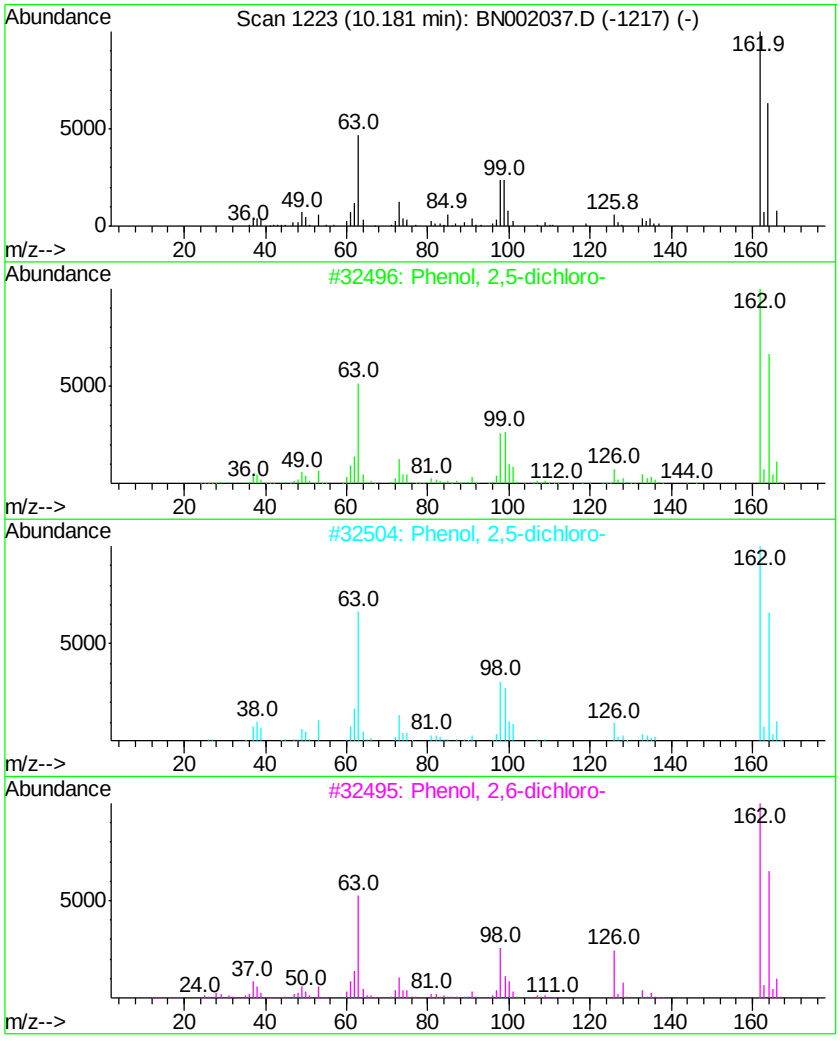
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

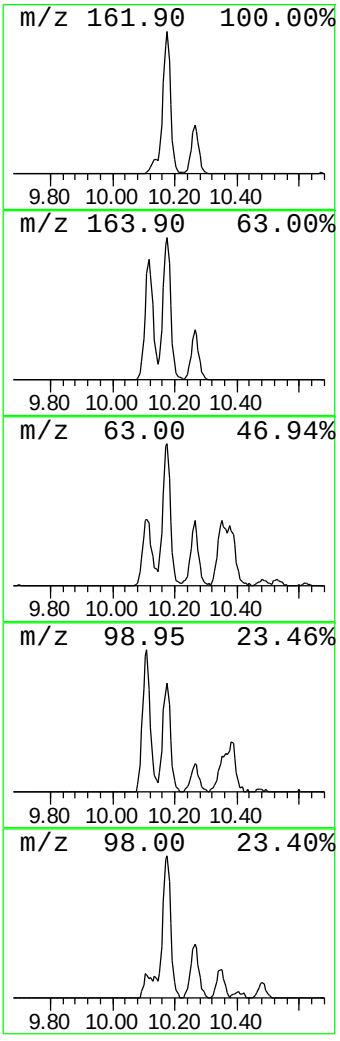
****

Peak Number 5 Phenol, 2,5-dichloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.21 ng/ul	478640	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	98
2	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	95
3	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	94
4	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	94
5	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002037.D
Acq On : 13 Jul 2018 16:56
Operator : JU/SJ
Sample : J3847-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

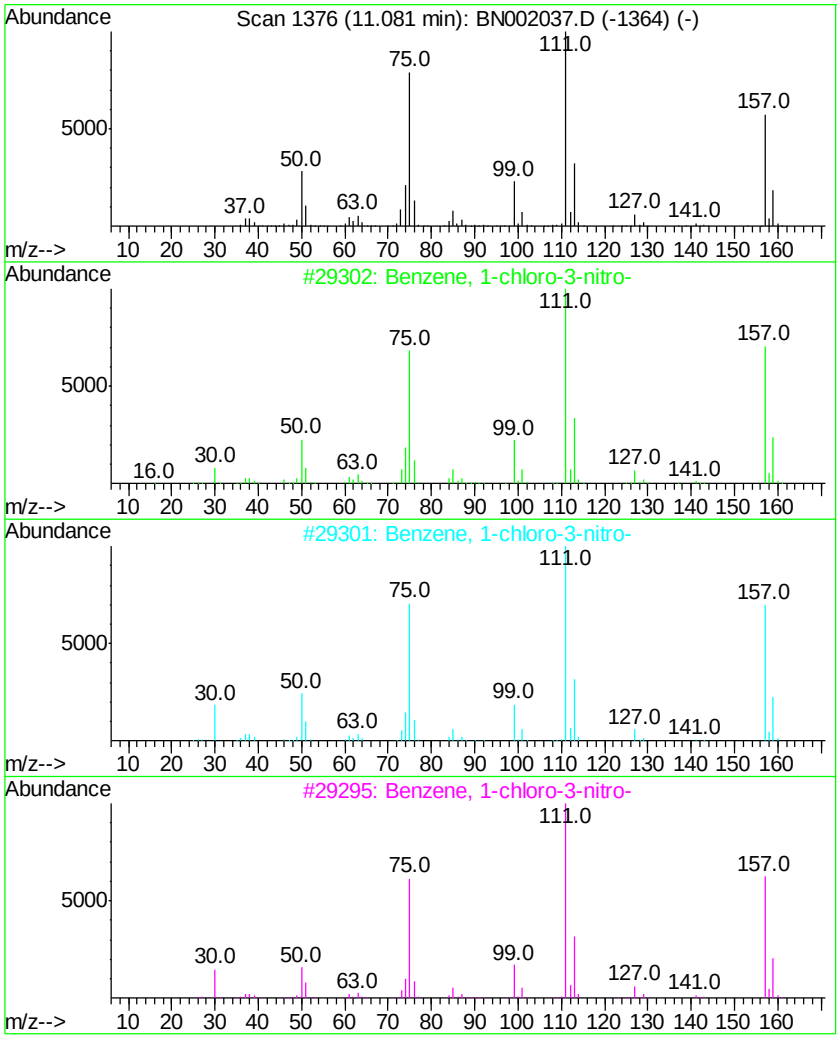
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

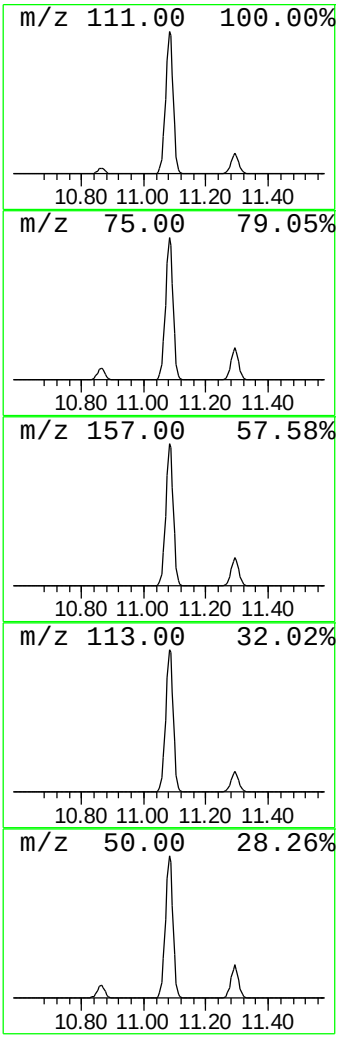
****

Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	56.09 ng/ul	12146700	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002037.D
Acq On : 13 Jul 2018 16:56
Operator : JU/SJ
Sample : J3847-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

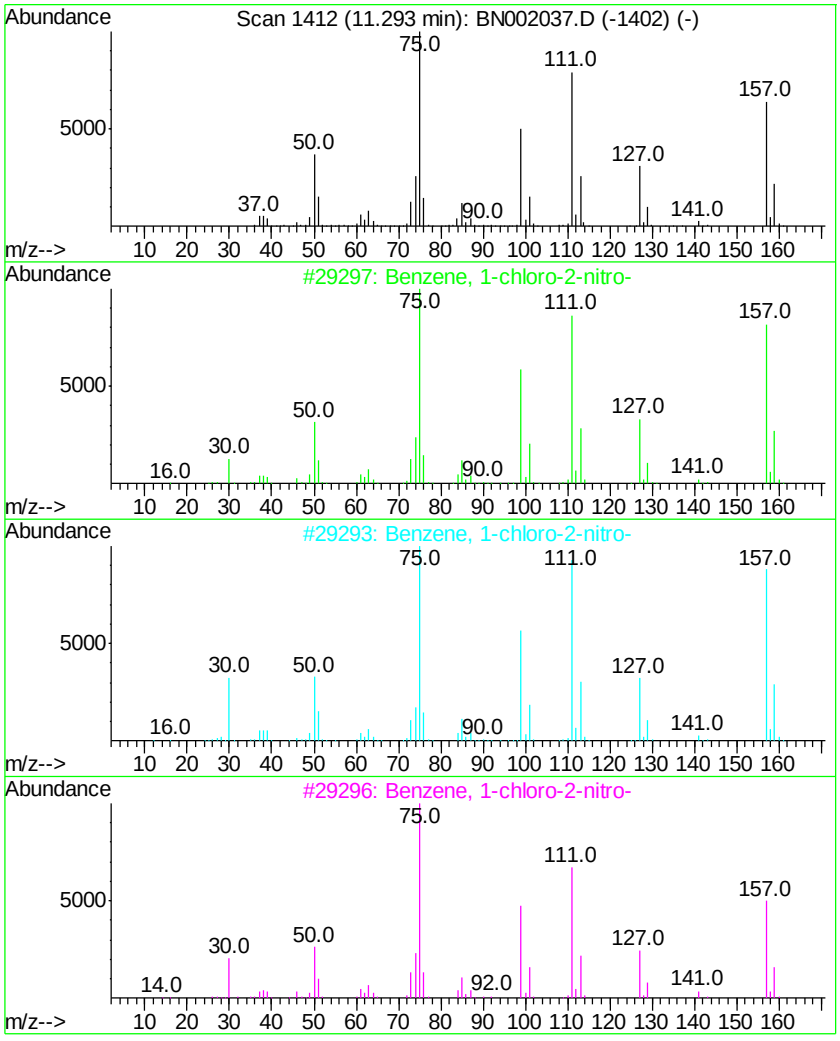
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

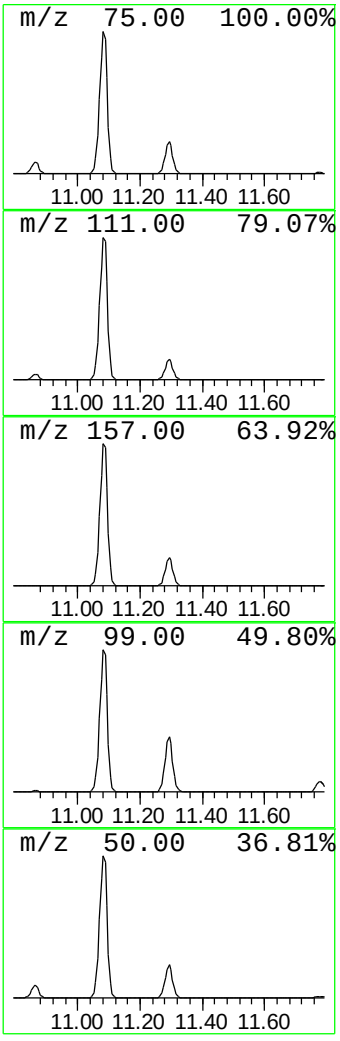
****

Peak Number 9 Benzene, 1-chloro-2-nitro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	13.01 ng/ul	2816850	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002037.D
Acq On : 13 Jul 2018 16:56
Operator : JU/SJ
Sample : J3847-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

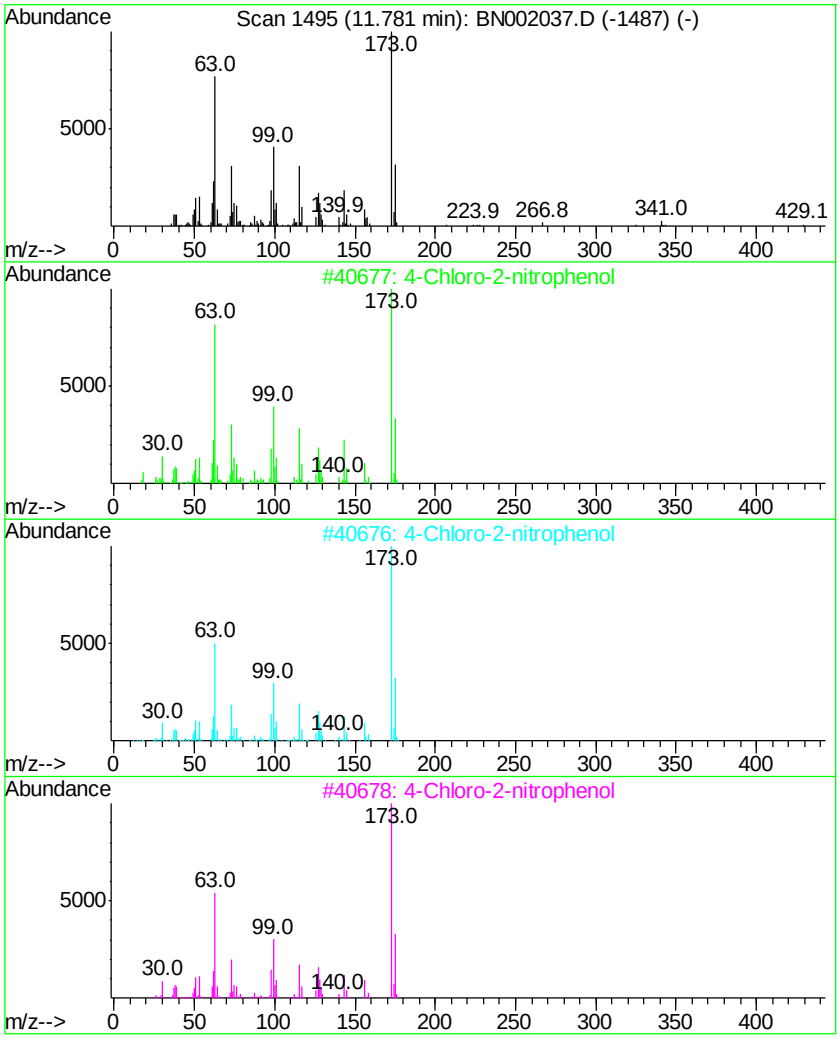
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

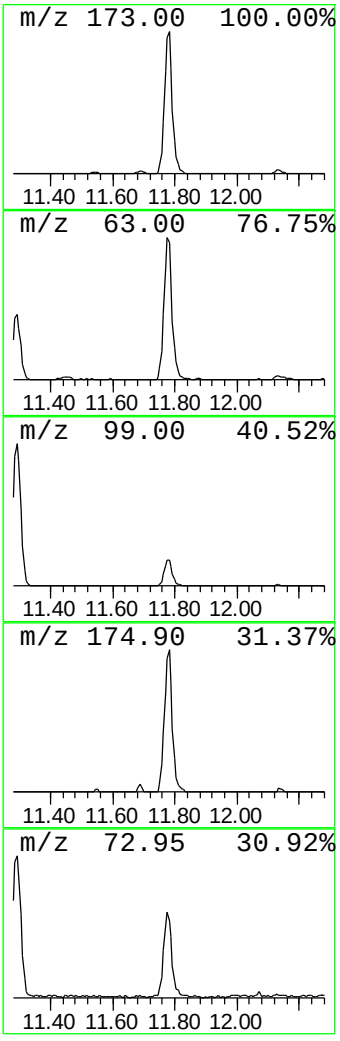
****

Peak Number 10 4-Chloro-2-nitrophenol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	3.55 ng/ul	768270	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	98
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	93
3	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	92
4	3-Chloro-6-diazocyclohexa-2,4-di...	154	C6H3ClN2O	080090-95-5	42
5	Propanoic acid, 2-chloro-, ethyl...	136	C5H9ClO2	000535-13-7	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002037.D
Acq On : 13 Jul 2018 16:56
Operator : JU/SJ
Sample : J3847-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

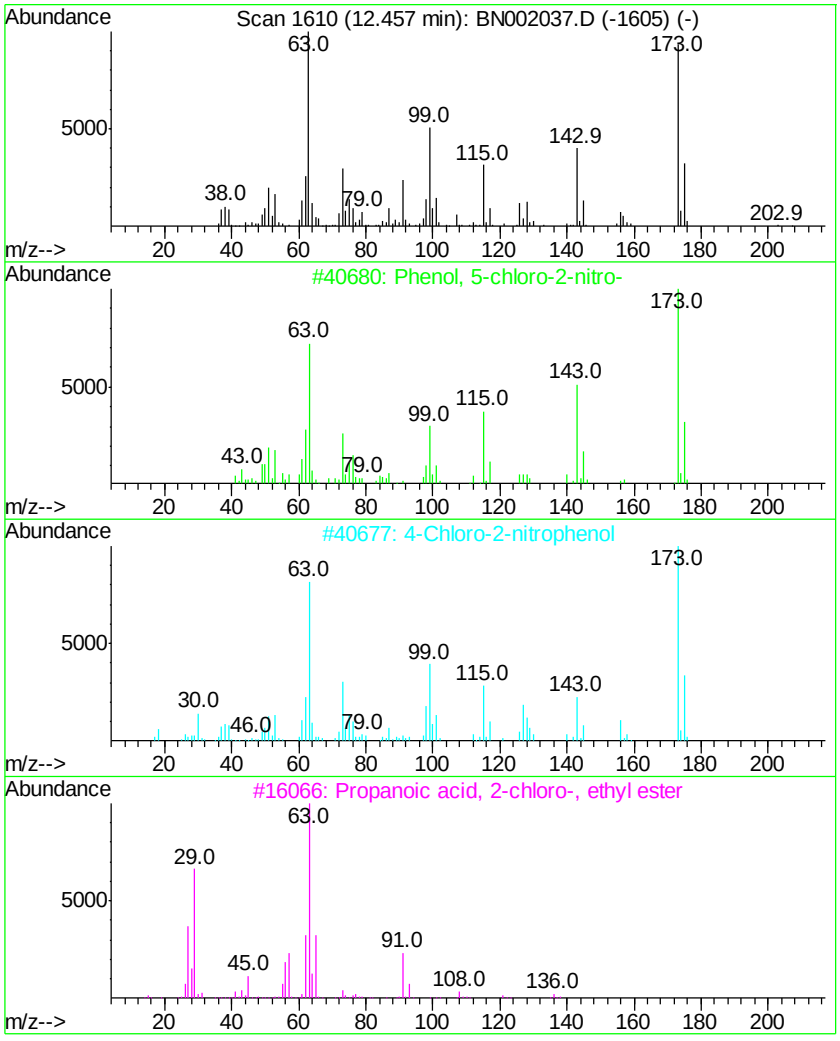
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

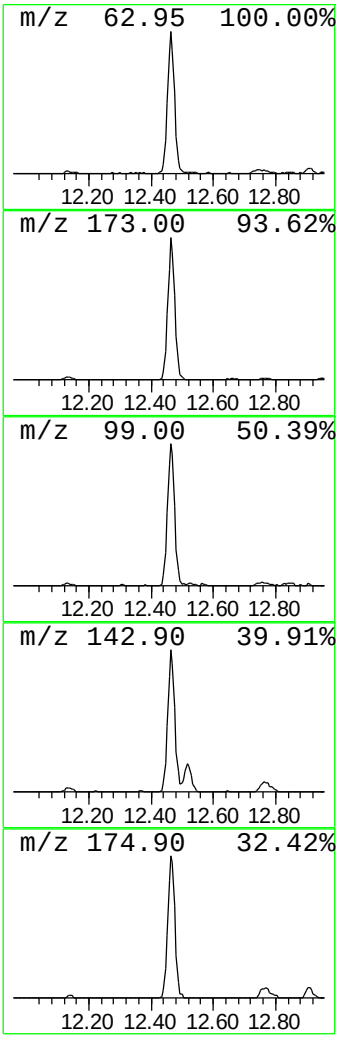
****

Peak Number 11 Phenol, 5-chloro-2-nitro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.26 ng/ul	1006550	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	94
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	90
3	Propanoic acid, 2-chloro-, ethyl...	136	C5H9ClO2	000535-13-7	50
4	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	46
5	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002037.D
Acq On : 13 Jul 2018 16:56
Operator : JU/SJ
Sample : J3847-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

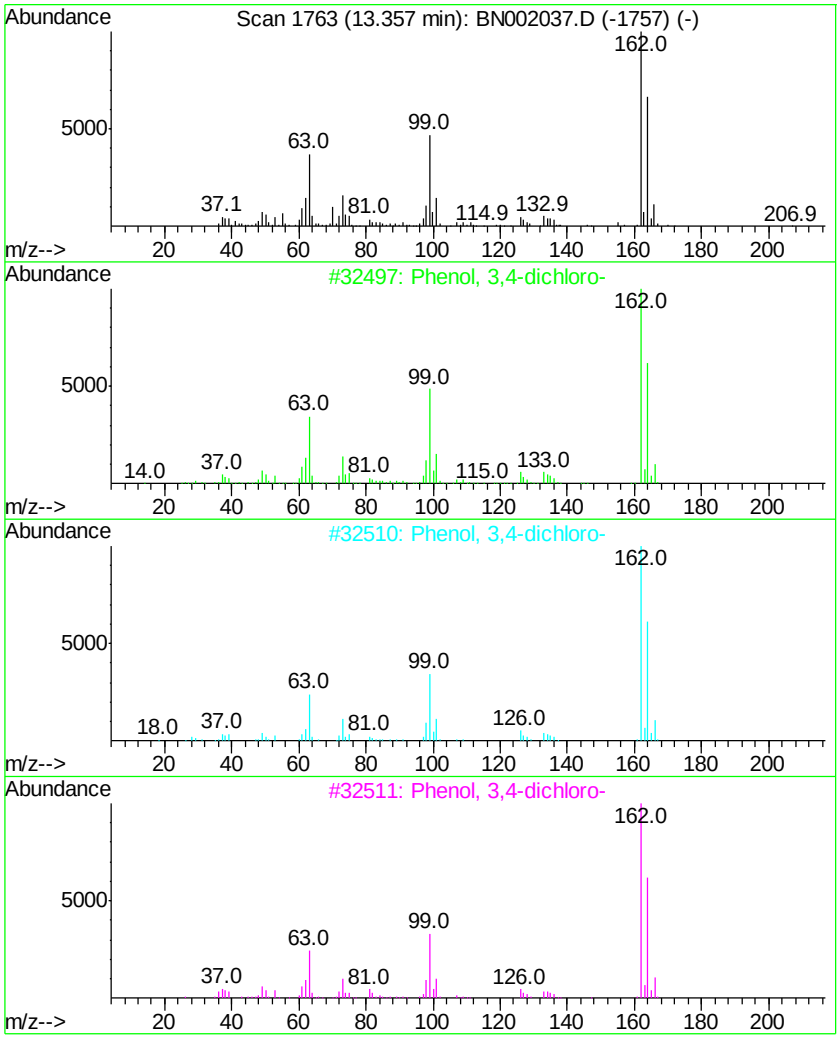
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

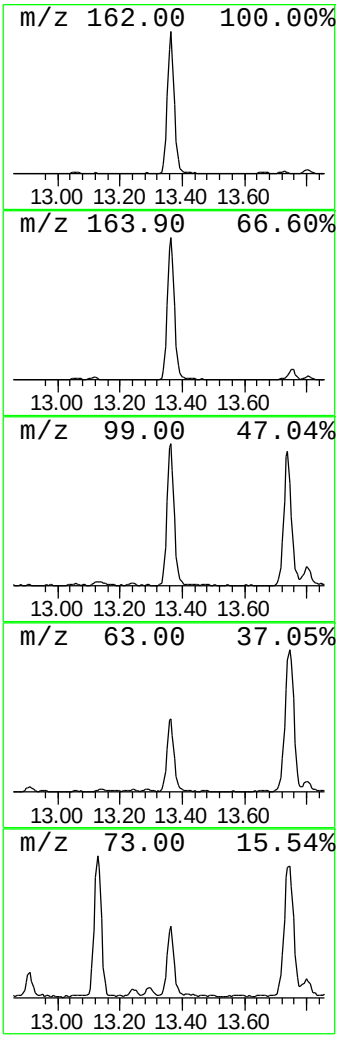
****

Peak Number 12 Phenol, 3,4-dichloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	3.32 ng/ul	1026580	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	98
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	98
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
Data File : BN002037.D
Acq On : 13 Jul 2018 16:56
Operator : JU/SJ
Sample : J3847-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

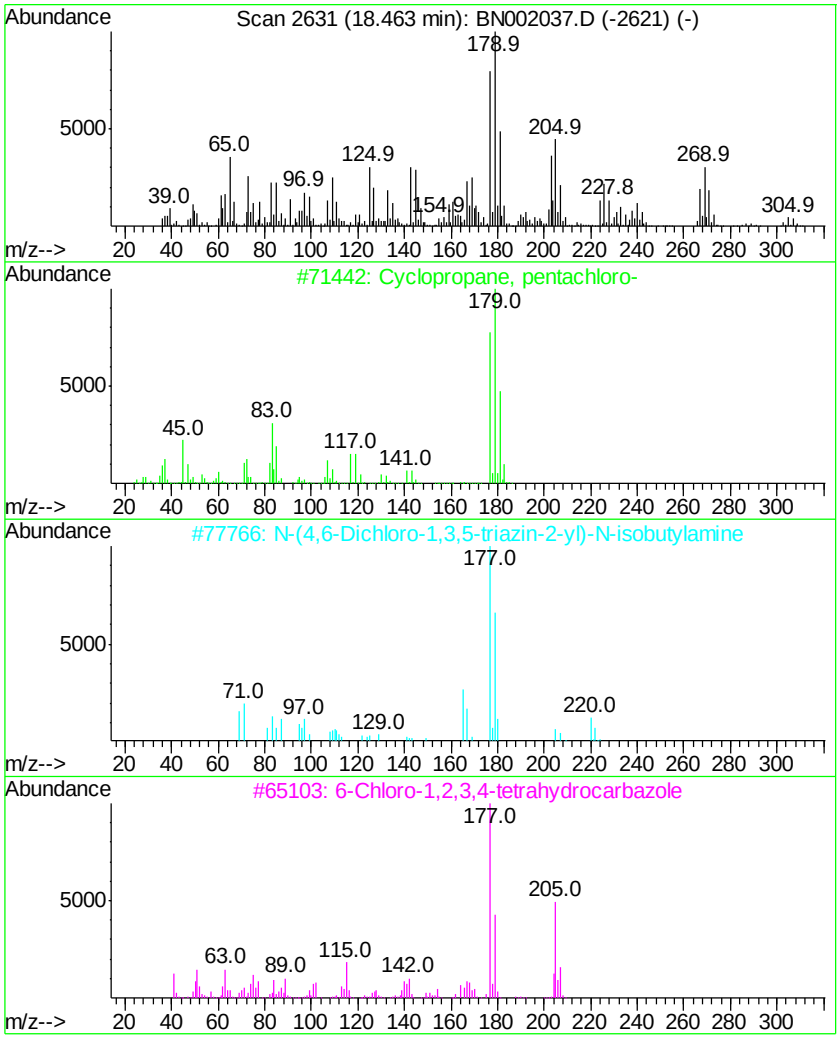
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

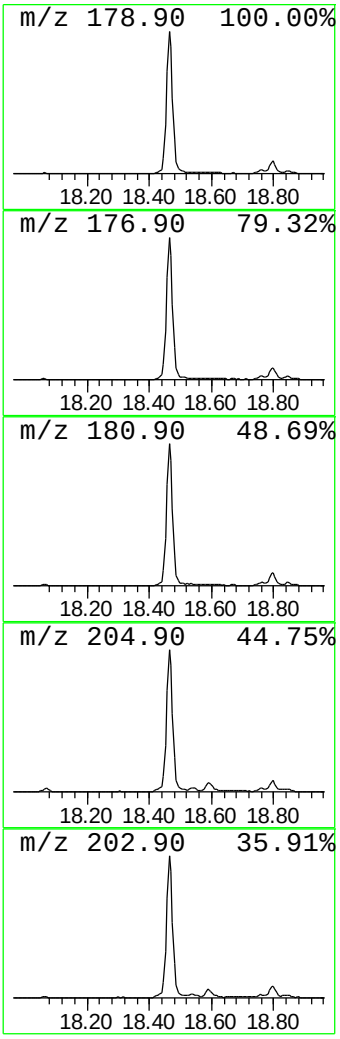
****

Peak Number 13 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	30.17 ng/ul	10977500	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	43
2	N-(4,6-Dichloro-1,3,5-triazin-2-...	220	C7H10Cl2N4	1000326-88-2	27
3	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
4	4-Butylbenzoic acid, nonyl ester	304	C20H32O2	1000292-20-6	25
5	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071318\
Data File : BN002037.D
Acq On : 13 Jul 2018 16:56
Operator : JU/SJ
Sample : J3847-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0841

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.01	13.6	ng/ul	1748940	1	7.70	2567780	20.0
Phenol, 2,5-dichl...	10.18	2.2	ng/ul	478640	2	10.48	4331200	20.0
Benzene, 1-chloro...	11.08	56.1	ng/ul	12146700	2	10.48	4331200	20.0
Benzene, 1-chloro...	11.29	13.0	ng/ul	2816850	2	10.48	4331200	20.0
4-Chloro-2-nitrop...	11.78	3.5	ng/ul	768270	2	10.48	4331200	20.0
Phenol, 5-chloro-...	12.46	3.3	ng/ul	1006550	3	14.34	6181620	20.0
Phenol, 3,4-dichl...	13.36	3.3	ng/ul	1026580	3	14.34	6181620	20.0
unknown-01	18.46	30.2	ng/ul	10977500	4	17.09	7276340	20.0