LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
Data File : BG021558.D
Acq On : 29 Mar 2016 18:57
Operator : UM/SJ
Sample : H1935-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD3

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-BG031616.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	3.086	35	42	89	rVB	3699310	7657765	11.85%	3.613%
2	5.442	420	443	448	rBV2	8385402	44467256	68.83%	20.980%
3	6.735	655	663	672	rBV	43132	80519	0.12%	0.038%
4	7.405	770	777	790	rVB3	22900	85553	0.13%	0.040%
5	7.669	809	822	835	rBB4	33830	136950	0.21%	0.065%
6	7.986	861	876	889	rBV2	2443337	12210843	18.90%	5.761%
7	8.215	889	915	919	rVB4	9271430	55430365	85.80%	26.152%
8	8.574	945	976	980	rBV4	9411074	64601539	100.00%	30.479%
9	9.238	1084	1089	1092	rBV	53485	93558	0.14%	0.044%
10	9.285	1092	1097	1106	rVB	258148	444804	0.69%	0.210%
11	9.567	1138	1145	1156	rVB	72572	125403	0.19%	0.059%
12	9.878	1193	1198	1205	rVB2	42485	77217	0.12%	0.036%
13	9.954	1205	1211	1224	rBB2	52867	128549	0.20%	0.061%
14	10.589	1312	1319	1327	rBV2	66717	127887	0.20%	0.060%
15	10.671	1327	1333	1336	rBV	42222	68742	0.11%	0.032%
16	10.777	1336	1351	1356	rVB	5850584	16278222	25.20%	7.680%
17	10.889	1362	1370	1373	rBV	64259	106924	0.17%	0.050%
18	10.930	1373	1377	1387	rVB	34858	69194	0.11%	0.033%
19	11.276	1424	1436	1447	rBV	2714121	5776596	8.94%	2.725%
20	11.470	1459	1469	1480	rVB	152043	264897	0.41%	0.125%
21	11.688	1499	1506	1513	rBB2	39713	71076	0.11%	0.034%
22	12.869	1703	1707	1715	rVB	66169	105326	0.16%	0.050%
23	13.480	1804	1811	1818	rBV	260012	410361	0.64%	0.194%
24	14.073	1906	1912	1919	rBB	142128	202911	0.31%	0.096%
25	14.367	1957	1962	1970	rVB	147890	222045	0.34%	0.105%
26	14.672	2008	2014	2023	rBB2	91664	146259	0.23%	0.069%
27	15.660	2176	2182	2189	rVB	196862	285705	0.44%	0.135%
28	15.789	2199	2204	2211	rBV	68398	103943	0.16%	0.049%
29	17.410	2474	2480	2486	rBV2	127169	186391	0.29%	0.088%
30	17.510	2488	2497	2507	rVV2	219585	324240	0.50%	0.153%
31	18.791	2706	2715	2720	rVB	327686	455900	0.71%	0.215%
32	19.790	2879	2885	2892	rBV	278801	392103	0.61%	0.185%
33	21.664	3198	3204	3213	rBV	148468	228316	0.35%	0.108%
34	24.655	3703	3713	3723	rBV2	141861	369268	0.57%	0.174%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H1935-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD3

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-BG031616.M
Title : SVOA CALIBRATION

35	24.878	3742	3751	3761	rVB2	76386	216137	0.33%	0.102%

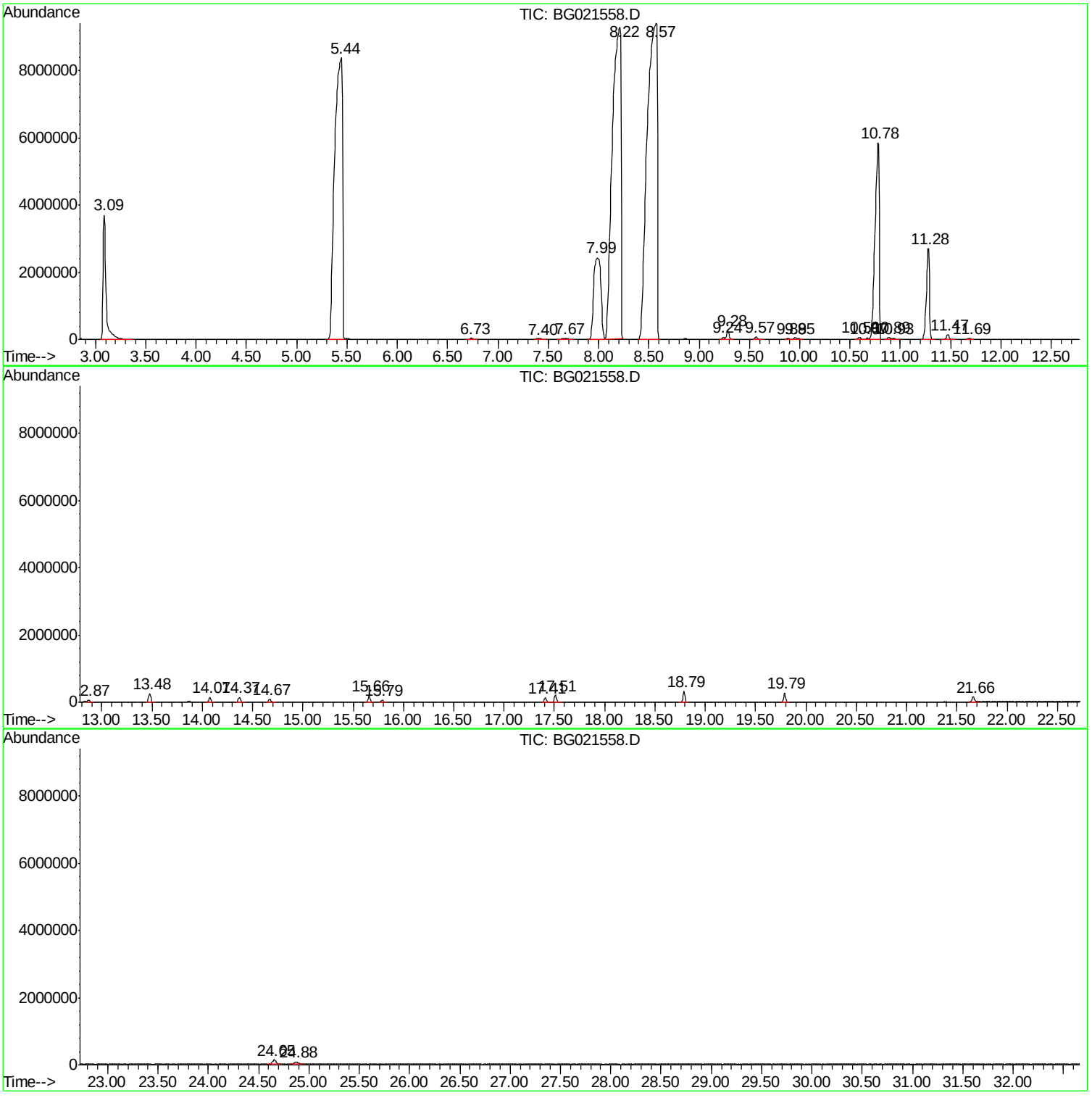
Sum of corrected areas: 211952764

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
Data File : BG021558.D
Acq On : 29 Mar 2016 18:57
Operator : UM/SJ
Sample : H1935-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
Data File : BG021558.D
Acq On : 29 Mar 2016 18:57
Operator : UM/SJ
Sample : H1935-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

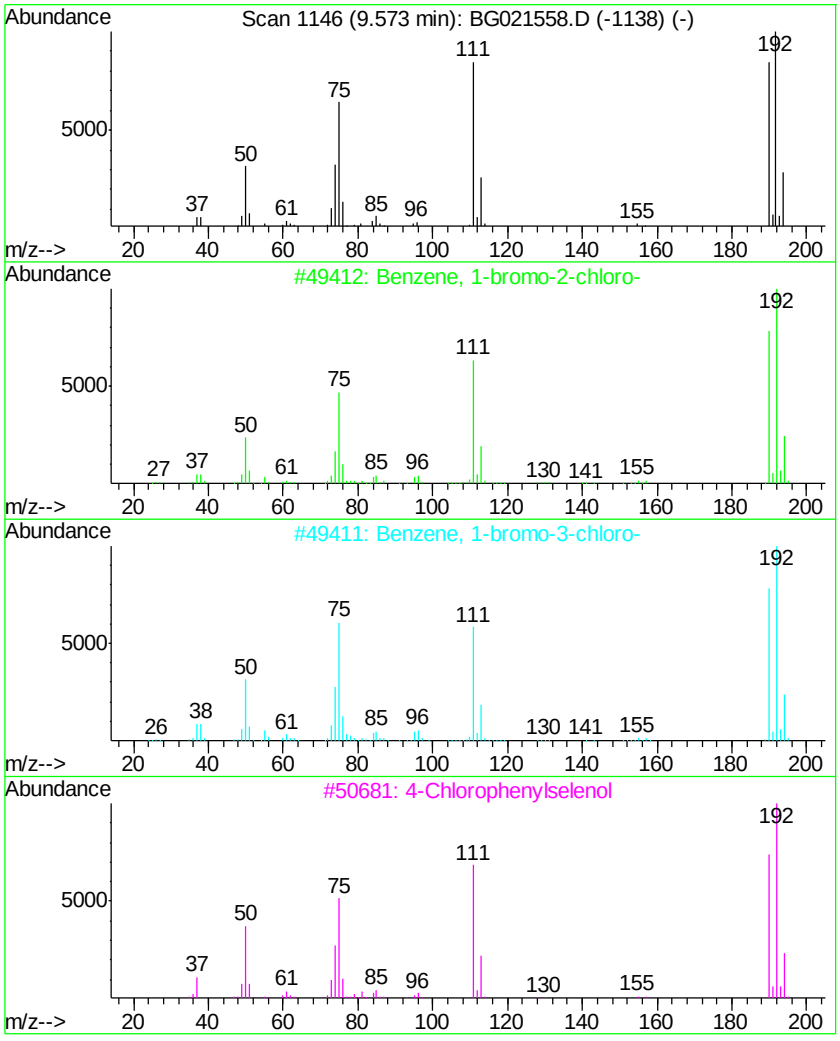
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

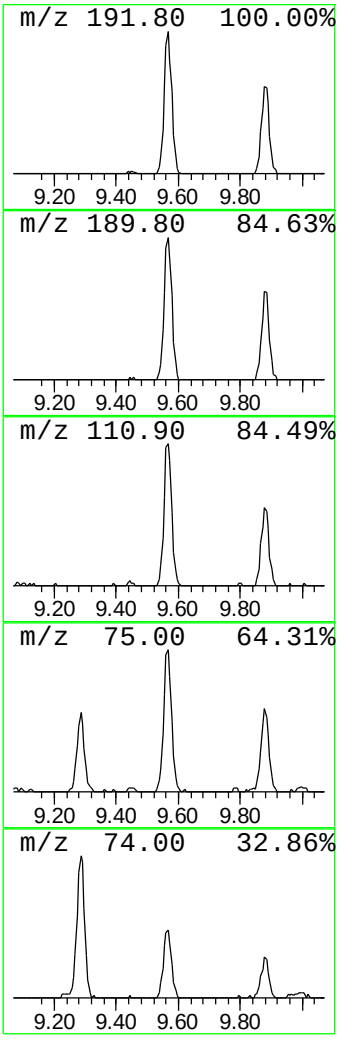
****

Peak Number 6 Benzene, 1-bromo-2-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	23.46 ng/ul	125403	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	95
2	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
3	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	95
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
Data File : BG021558.D
Acq On : 29 Mar 2016 18:57
Operator : UM/SJ
Sample : H1935-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

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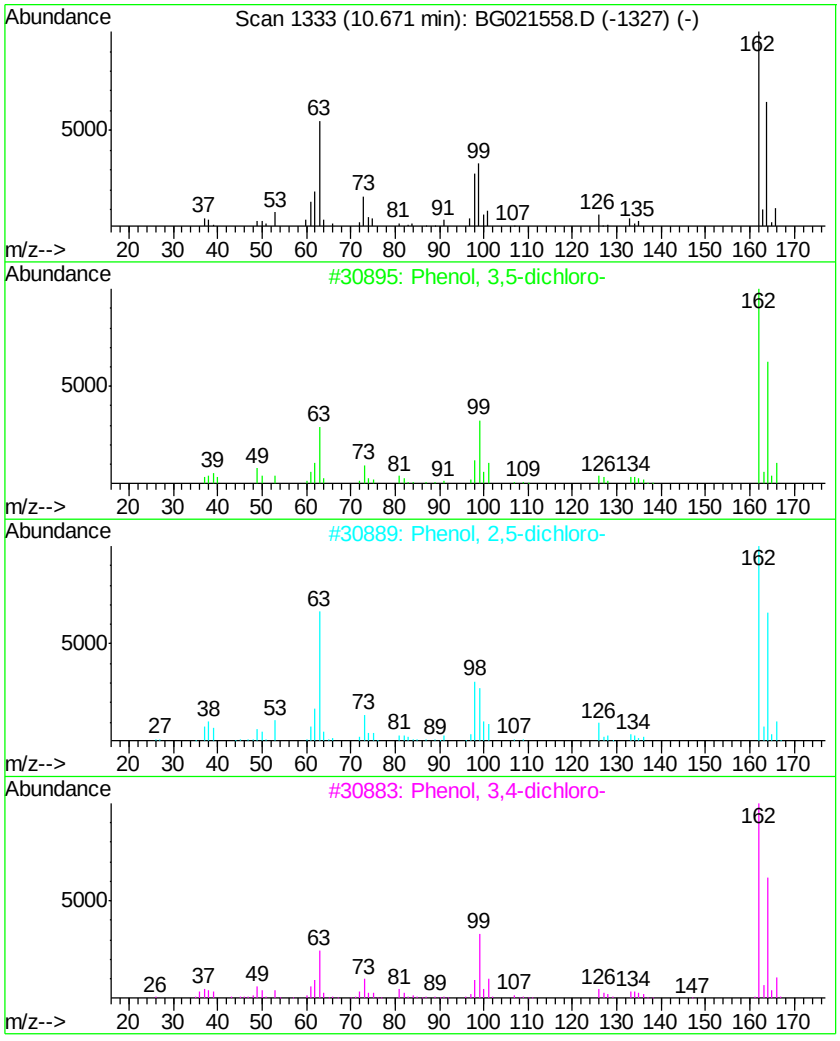
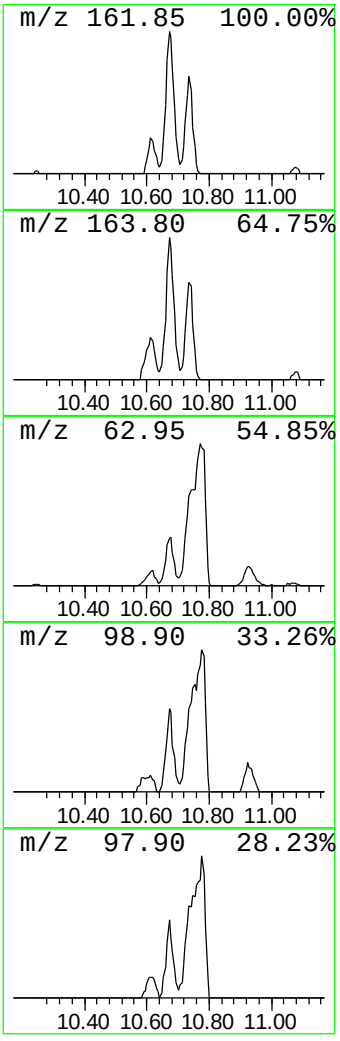
Peak Number 8 Phenol, 3,5-dichloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	12.86 ng/ul	68742	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
2	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	94
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	94
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	91
5	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
Data File : BG021558.D
Acq On : 29 Mar 2016 18:57
Operator : UM/SJ
Sample : H1935-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

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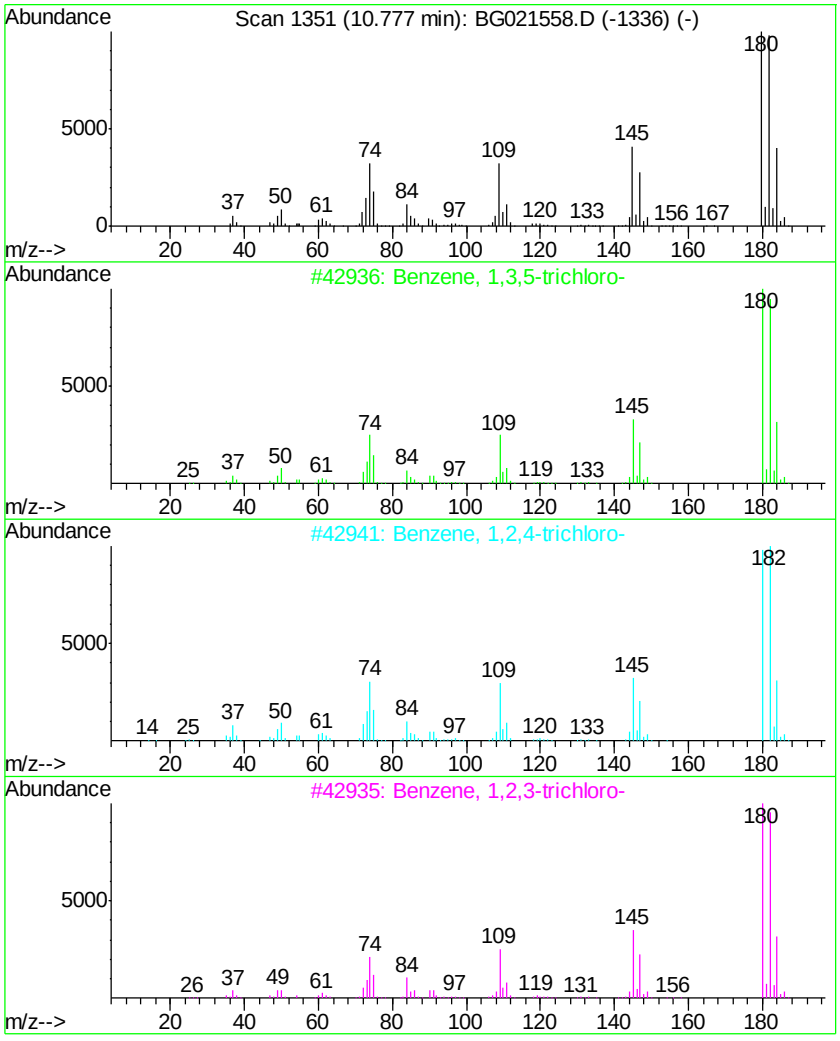
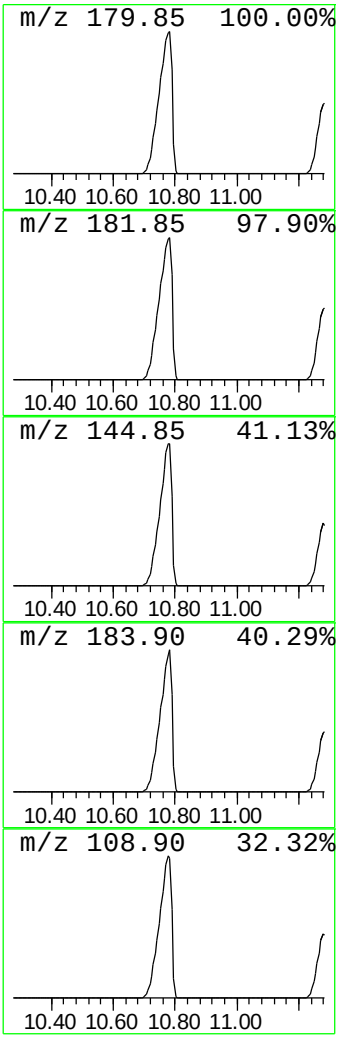
Peak Number 9 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	3044.82 ng/ul	16278200	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
Data File : BG021558.D
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Operator : UM/SJ
Sample : H1935-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

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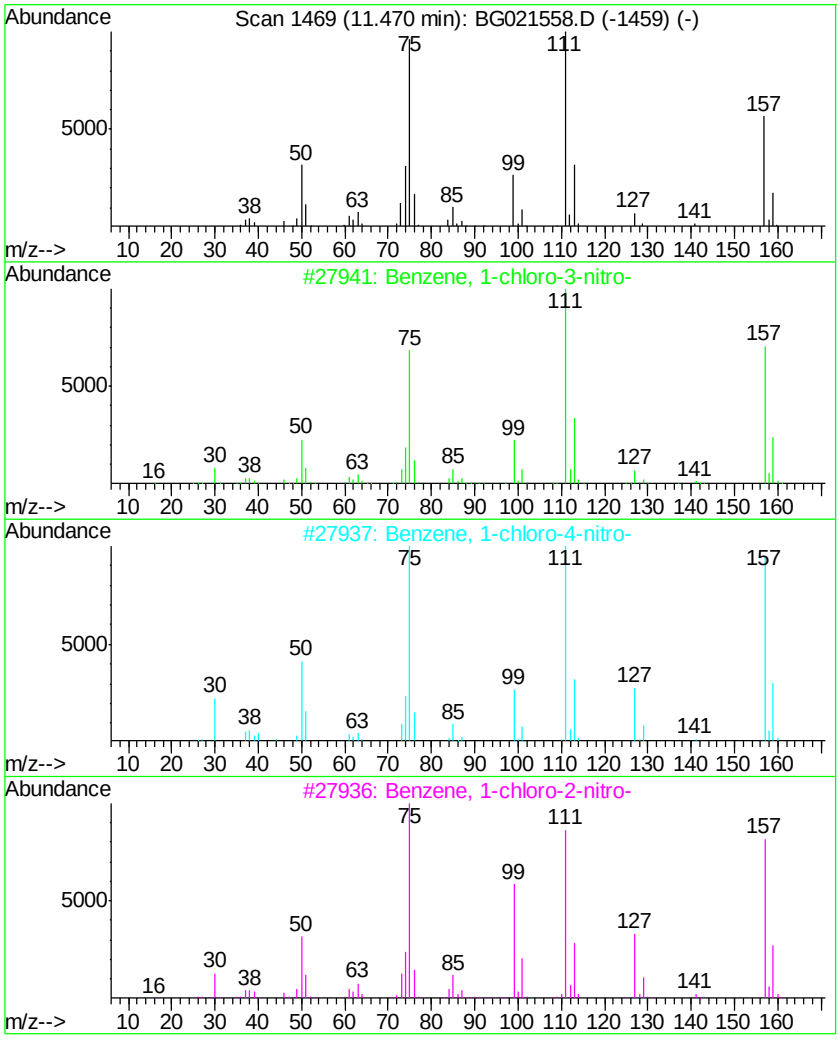
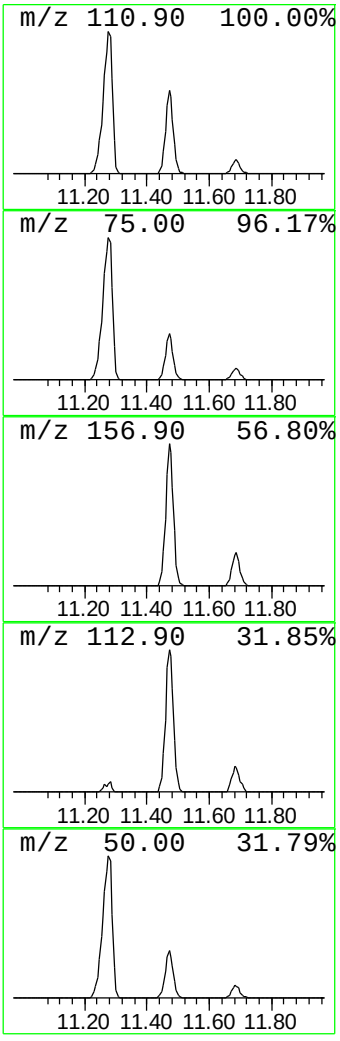
Peak Number 11 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	49.55 ng/ul	264897	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
2	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	93
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	92
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





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Sample : H1935-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

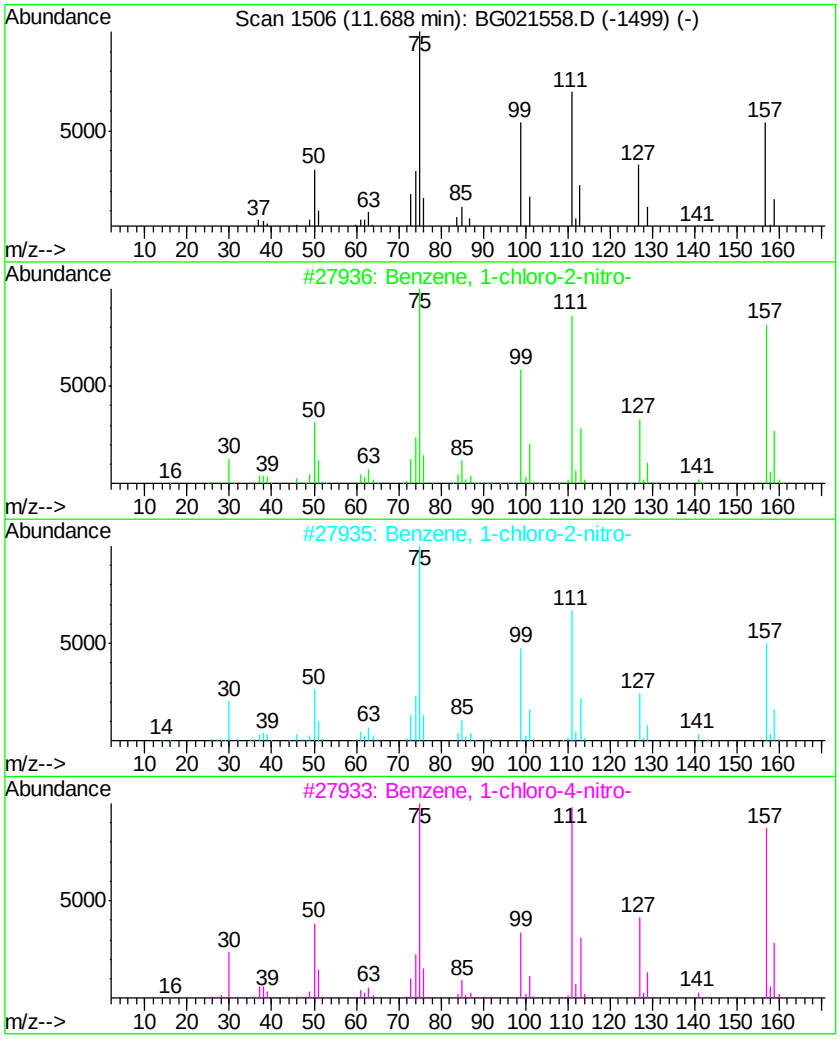
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

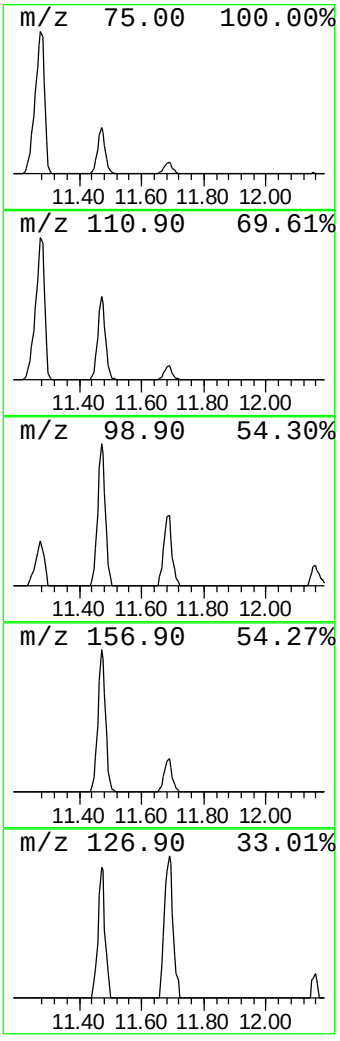
****

Peak Number 12 Benzene, 1-chloro-2-nitro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	13.29 ng/ul	71076	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	93
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	91
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	91





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Operator : UM/SJ
Sample : H1935-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

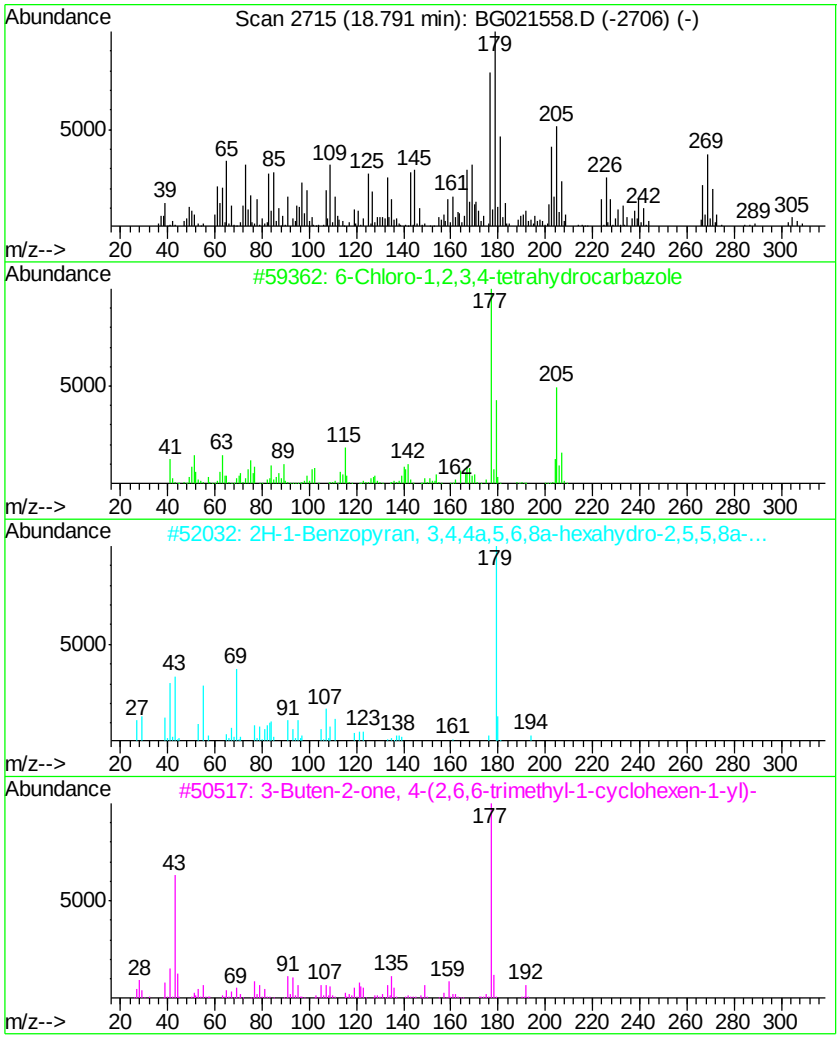
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

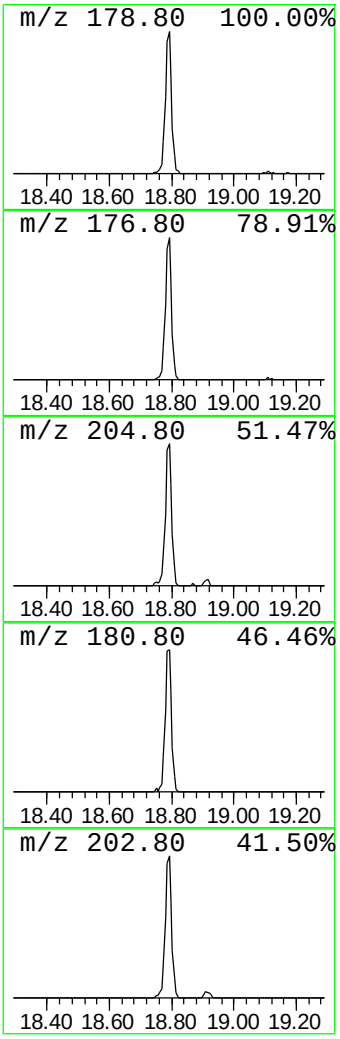
****

Peak Number 13 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	48.92 ng/ul	455900	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
2	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	063335-66-0	25
3	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	25
4	4-Chloroquinaldine	177	C10H8ClN	004295-06-1	22
5	3-Chlorobenzal bromide	282	C7H5Br2Cl	070288-97-0	18





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.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-bromo-...	9.57	23.5	ng/ul	125403	2	10.89	106924	20.0
Phenol, 3,5-dichl...	10.67	12.9	ng/ul	68742	2	10.89	106924	20.0
Benzene, 1,3,5-tr...	10.78	3044.8	ng/ul	16278200	2	10.89	106924	20.0
Benzene, 1-chloro...	11.47	49.5	ng/ul	264897	2	10.89	106924	20.0
Benzene, 1-chloro...	11.69	13.3	ng/ul	71076	2	10.89	106924	20.0
unknown-01	18.79	48.9	ng/ul	455900	4	17.41	186391	20.0