LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031716\
Data File : BG021439.D
Acq On : 17 Mar 2016 19:23
Operator : UM/SJ
Sample : H1785-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

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	3.129	41	49	86	rVB2	7444530	17696222	27.66%	9.855%
2	5.497	425	452	458	rBV6	8281139	63978668	100.00%	35.631%
3	7.007	700	709	715	rBV	45686	88684	0.14%	0.049%
4	8.006	867	879	891	rBV	1861771	5219850	8.16%	2.907%
5	8.211	891	914	919	rBV	8393346	35519644	55.52%	19.781%
6	8.558	948	973	977	rBV	8359798	37251687	58.23%	20.746%
7	9.345	1088	1107	1113	rBV	1271219	3085916	4.82%	1.719%
8	9.980	1209	1215	1227	rBB2	41233	95384	0.15%	0.053%
9	10.585	1312	1318	1327	rBB	51093	88544	0.14%	0.049%
10	10.785	1339	1352	1358	rBV	3282255	7052181	11.02%	3.927%
11	10.908	1367	1373	1385	rBB	54802	96813	0.15%	0.054%
12	11.290	1429	1438	1446	rBB	978991	1791212	2.80%	0.998%
13	11.525	1466	1478	1485	rBV	1284571	2604618	4.07%	1.451%
14	11.725	1503	1512	1519	rBV	356696	644200	1.01%	0.359%
15	12.900	1707	1712	1719	rVB	79196	124095	0.19%	0.069%
16	13.505	1809	1815	1822	rVB	177038	272735	0.43%	0.152%
17	14.098	1910	1916	1923	rBB	121730	168376	0.26%	0.094%
18	14.392	1961	1966	1973	rVB	124696	192477	0.30%	0.107%
19	14.698	2012	2018	2025	rBB3	81251	126892	0.20%	0.071%
20	15.685	2180	2186	2193	rBB	172363	244192	0.38%	0.136%
21	15.808	2201	2207	2213	rBB	62316	89692	0.14%	0.050%
22	17.436	2478	2484	2491	rVB	108563	159137	0.25%	0.089%
23	17.536	2495	2501	2511	rVB	190062	282667	0.44%	0.157%
24	18.816	2709	2719	2725	rBV	1051050	1437937	2.25%	0.801%
25	18.940	2735	2740	2746	rVB2	112997	162793	0.25%	0.091%
26	19.815	2880	2889	2896	rBV	242841	362189	0.57%	0.202%
27	21.695	3203	3209	3215	rVB	122571	200271	0.31%	0.112%
28	24.710	3712	3722	3733	rVB2	125304	331640	0.52%	0.185%
29	24.927	3751	3759	3772	rVB2	68057	192587	0.30%	0.107%

Sum of corrected areas: 179561303

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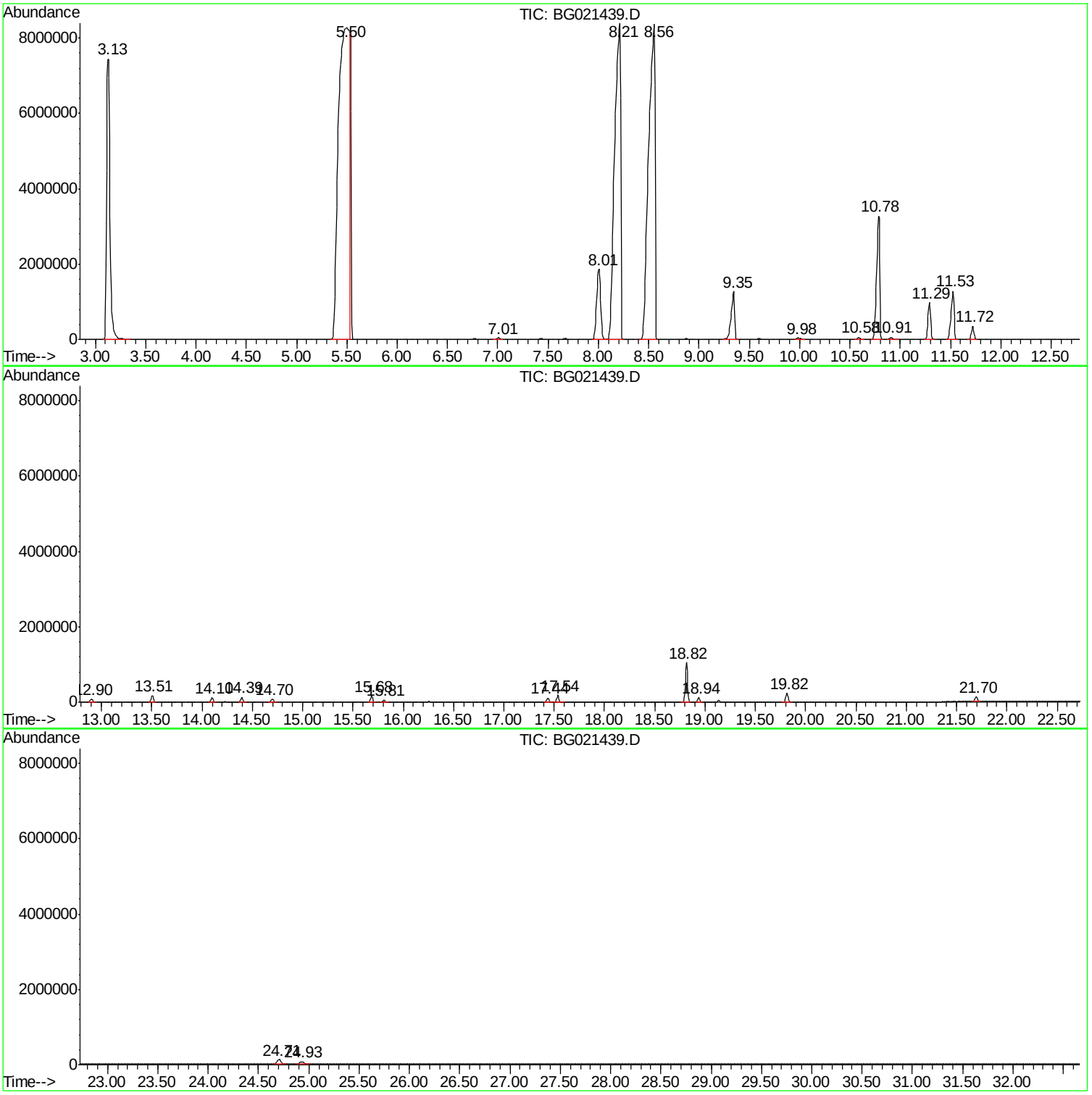
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD6

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



Library Search Compound Report

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Data File : BG021439.D
Acq On : 17 Mar 2016 19:23
Operator : UM/SJ
Sample : H1785-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

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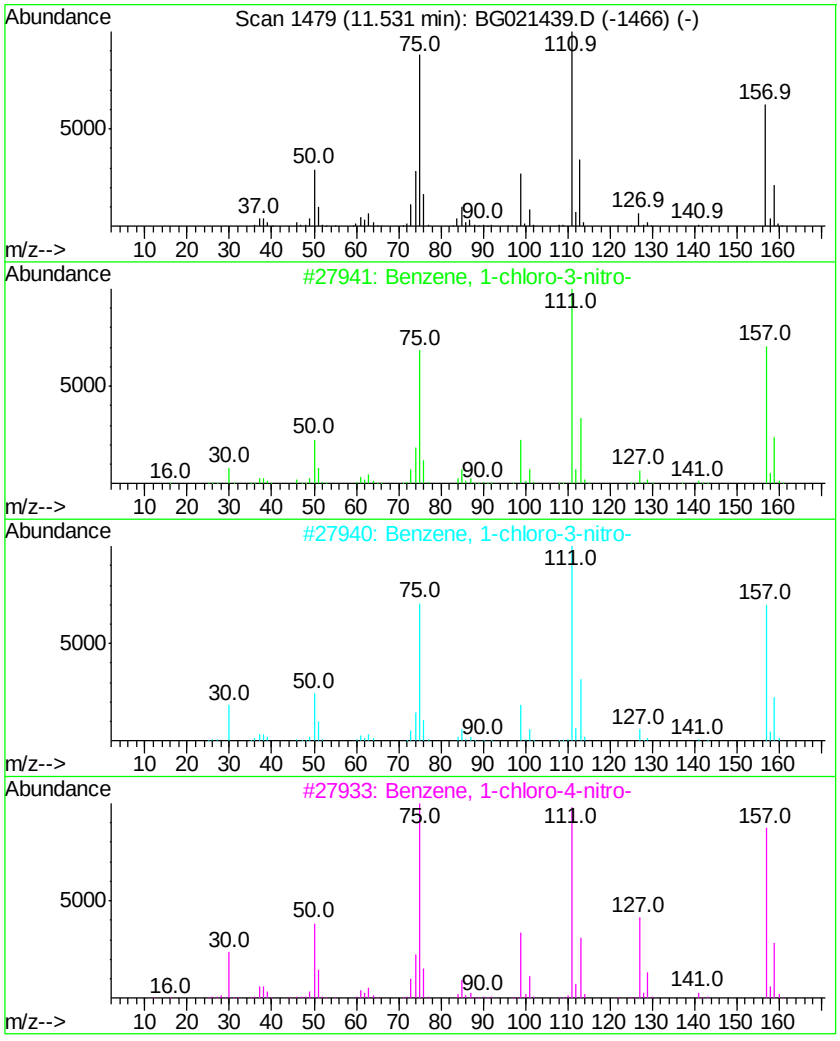
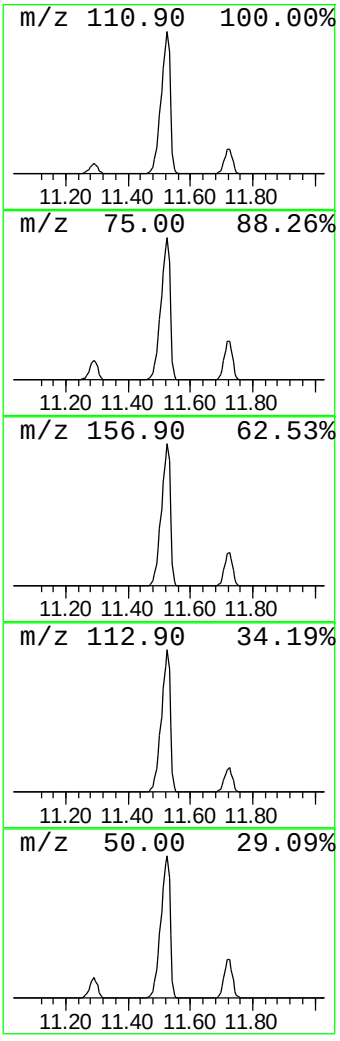
Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	538.07 ng/ul	2604620	Naphthalene-d8	10.91

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-3-nitro-	157	C6H4ClNO2	000121-73-3	95
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031716\
Data File : BG021439.D
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Operator : UM/SJ
Sample : H1785-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

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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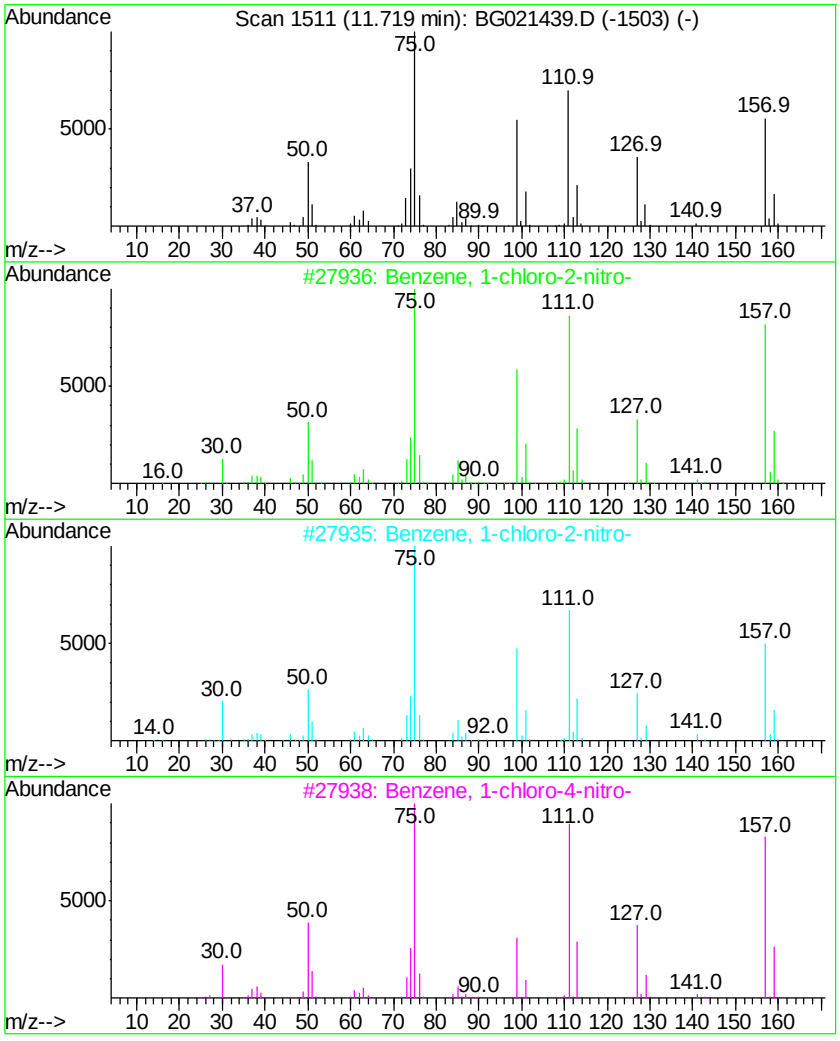
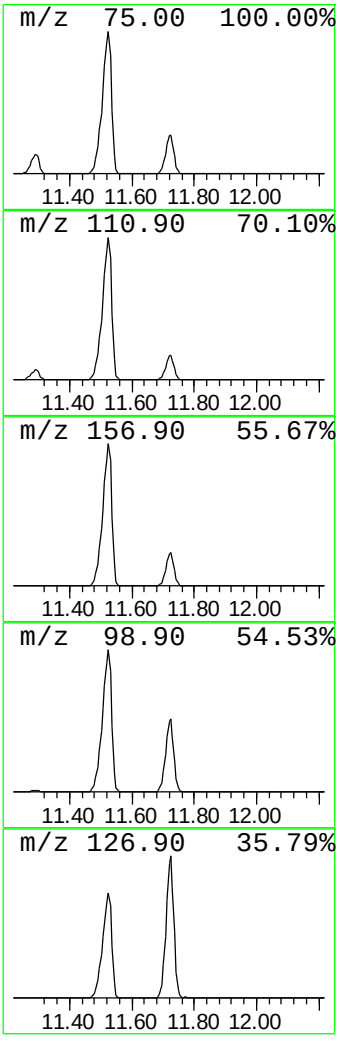
Peak Number 9 Benzene, 1-chloro-2-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	133.08 ng/ul	644200	Naphthalene-d8	10.91

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	97
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	93





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Acq On : 17 Mar 2016 19:23
Operator : UM/SJ
Sample : H1785-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

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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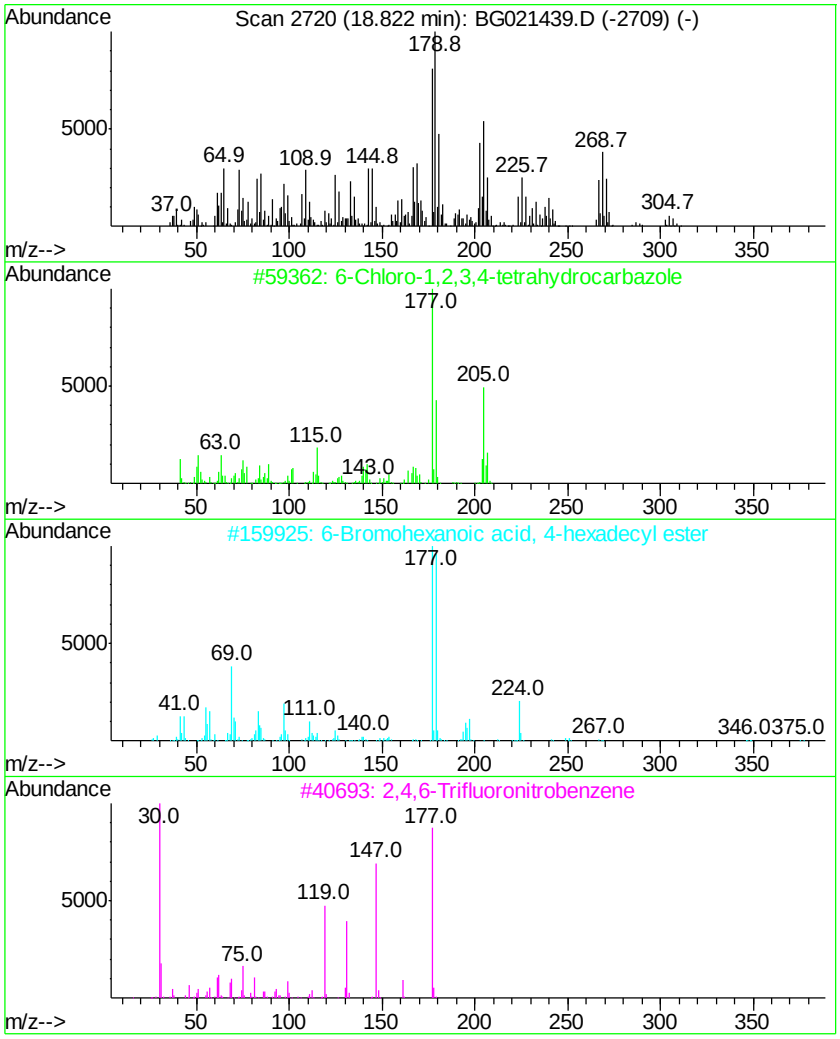
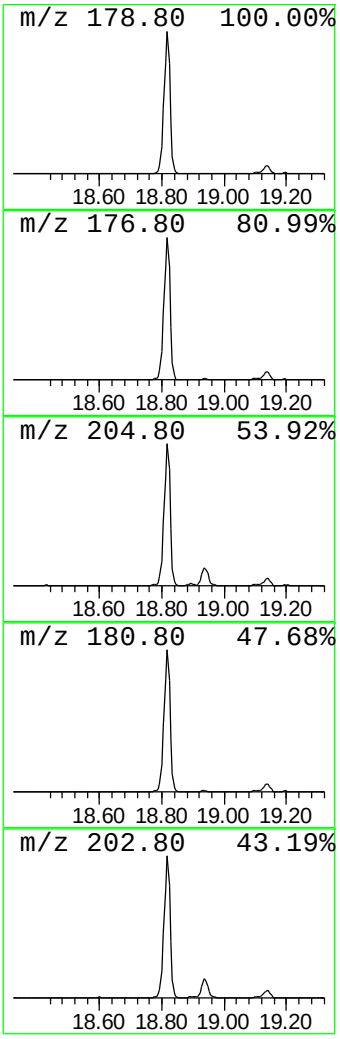
Peak Number 10 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	180.72 ng/ul	1437940	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	38
2	6-Bromohexanoic acid, 4-hexadecy...	418	C22H43BrO2	1000282-90-6	30
3	2,4,6-Trifluoronitrobenzene	177	C6H2F3NO2	000315-14-0	18
4	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	000079-77-6	15
5	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	15





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Operator : UM/SJ
Sample : H1785-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD6

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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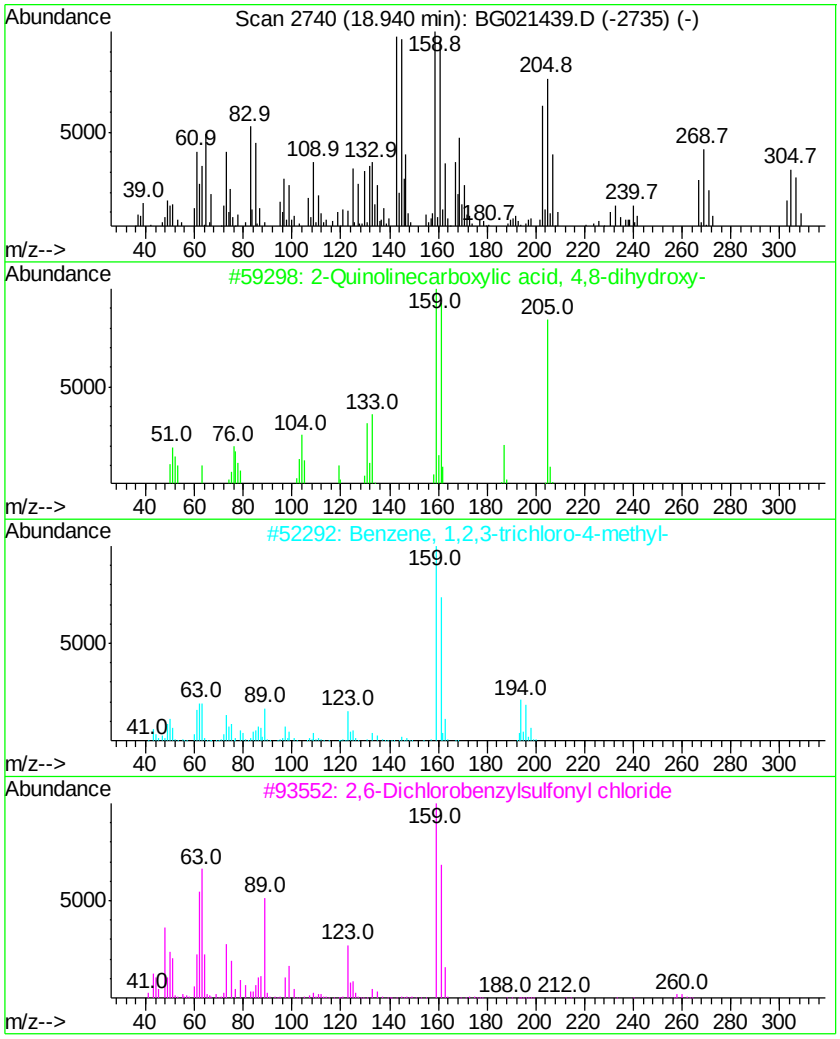
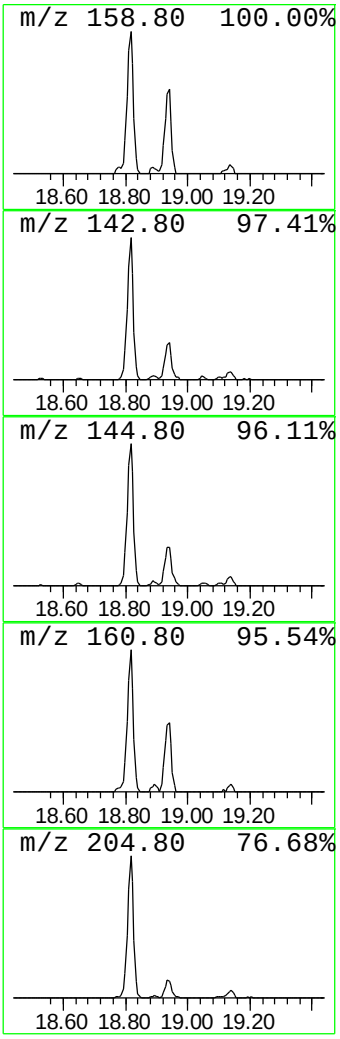
Peak Number 11 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	20.46 ng/ul	162793	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Quinolinecarboxylic acid, 4,8-...	205	C10H7NO4	000059-00-7	20
2	Benzene, 1,2,3-trichloro-4-methyl-	194	C7H5Cl3	007359-72-0	10
3	2,6-Dichlorobenzylsulfonyl chloride	258	C7H5Cl3O2S	085952-31-4	10
4	Quinoline, 5-methoxy-	159	C10H9NO	006931-19-7	10
5	Benzene, 2-(bromomethyl)-1,3-dic...	238	C7H5BrCl2	020443-98-5	10





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-chloro...	11.53	538.1	ng/ul	2604620	2	10.91	96813	20.0
Benzene, 1-chloro...	11.72	133.1	ng/ul	644200	2	10.91	96813	20.0
unknown-01	18.82	180.7	ng/ul	1437940	4	17.44	159137	20.0
unknown-02	18.94	20.5	ng/ul	162793	4	17.44	159137	20.0