LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092317\
Data File : BM011713.D
Acq On : 23 Sep 2017 19:47
Operator : SJ/JU
Sample : I5273-14DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7DL

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_M\METHODS\SOM-EPA-BM090817MA.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	5.263	328	336	356	rBV	30323080	47430119	58.46%	17.848%
2	6.634	563	569	577	rVB	62440	105811	0.13%	0.040%
3	7.275	671	678	690	rBV	71330	127625	0.16%	0.048%
4	7.481	706	713	721	rBV	75030	131844	0.16%	0.050%
5	7.839	766	774	786	rBV	10033372	16365669	20.17%	6.158%
6	7.998	786	801	818	rVV	39521230	67090678	82.69%	25.246%
7	8.322	845	856	874	rBV	44495359	81134735	100.00%	30.530%
8	9.116	984	991	994	rBV	80137	142569	0.18%	0.054%
9	9.157	994	998	1006	rVB	87087	151688	0.19%	0.057%
10	9.451	1041	1048	1055	rBV	92142	156439	0.19%	0.059%
11	9.769	1097	1102	1108	rVB	56012	95222	0.12%	0.036%
12	9.839	1108	1114	1123	rBV	55055	111895	0.14%	0.042%
13	10.375	1197	1205	1213	rBV	87636	159342	0.20%	0.060%
14	10.622	1238	1247	1262	rBV	16585421	27591549	34.01%	10.382%
15	10.757	1262	1270	1280	rVB	921874	1540945	1.90%	0.580%
16	11.139	1327	1335	1346	rBV	5804258	9846957	12.14%	3.705%
17	11.357	1364	1372	1380	rBV	119539	229509	0.28%	0.086%
18	12.774	1600	1613	1620	rBV	272693	497107	0.61%	0.187%
19	13.380	1708	1716	1729	rBV	999415	1580118	1.95%	0.595%
20	13.980	1811	1818	1827	rBV	164092	270246	0.33%	0.102%
21	14.274	1863	1868	1876	rBV	147092	220882	0.27%	0.083%
22	14.580	1913	1920	1931	rBV2	1131088	1764588	2.17%	0.664%
23	15.568	2082	2088	2098	rBV	214284	328339	0.40%	0.124%
24	15.686	2102	2108	2120	rVB4	52482	87650	0.11%	0.033%
25	17.321	2379	2386	2395	rBV	1417974	2040914	2.52%	0.768%
26	17.421	2397	2403	2413	rVB2	230177	357850	0.44%	0.135%
27	18.686	2613	2618	2626	rVB2	172480	234925	0.29%	0.088%
28	19.703	2786	2791	2801	rBV	299204	435364	0.54%	0.164%
29	21.486	3089	3094	3100	rBV	1955401	2483680	3.06%	0.935%
30	23.691	3464	3469	3476	rVB3	297216	627426	0.77%	0.236%
31	23.850	3489	3496	3504	rBV	1218758	2410064	2.97%	0.907%

Sum of corrected areas: 265751749

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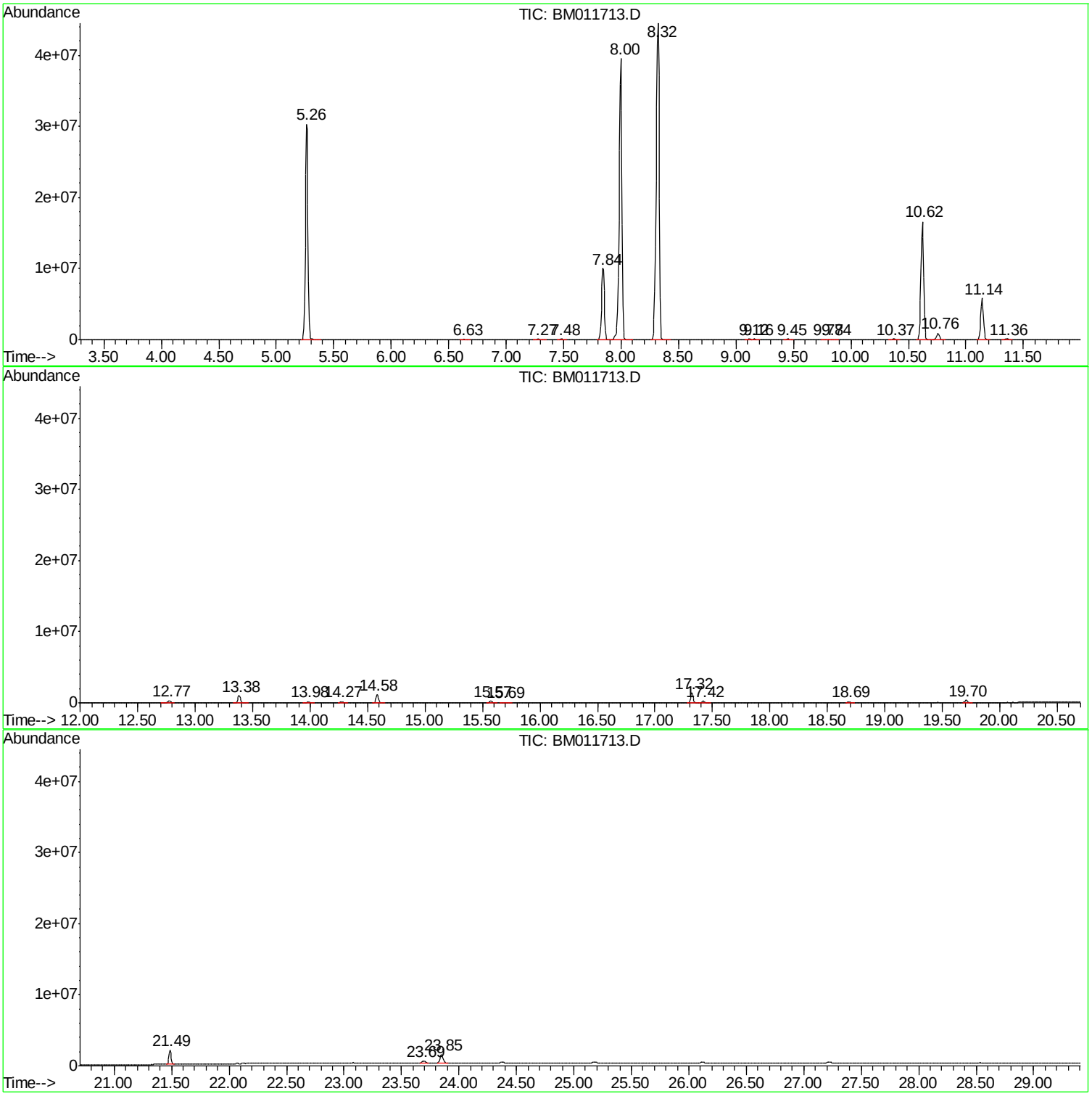
Instrument :
BNA_M
ClientSampleId :
C0AF7DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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

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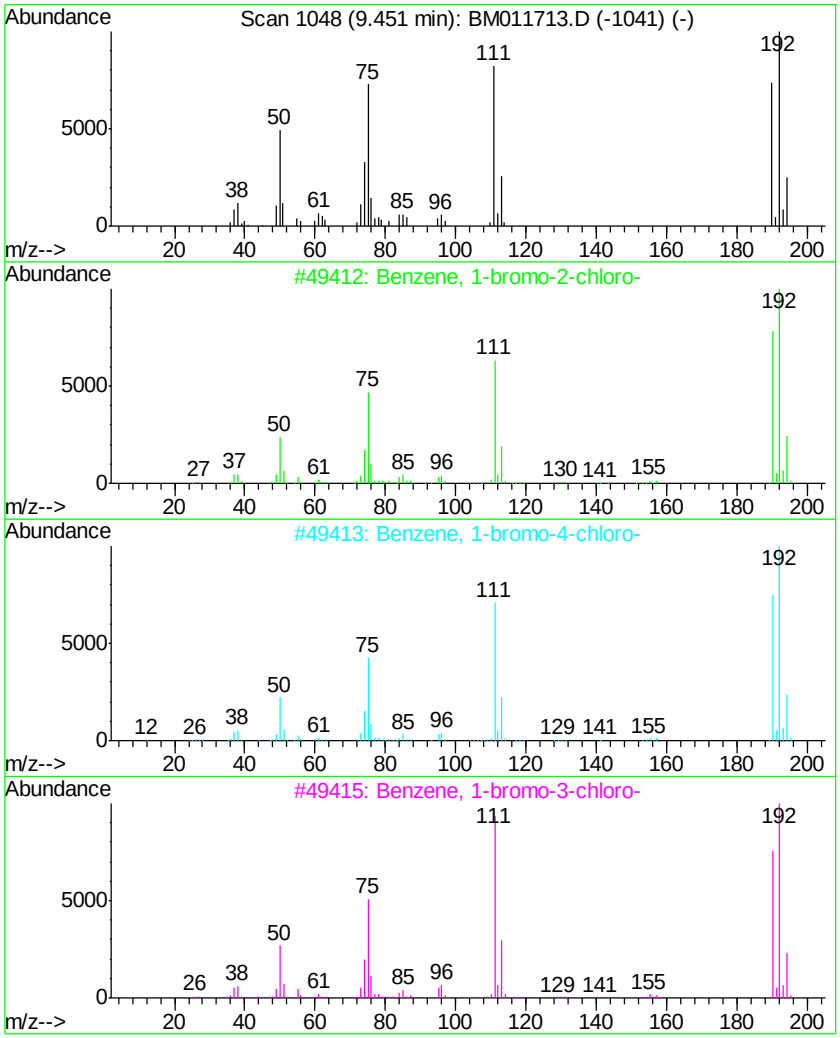
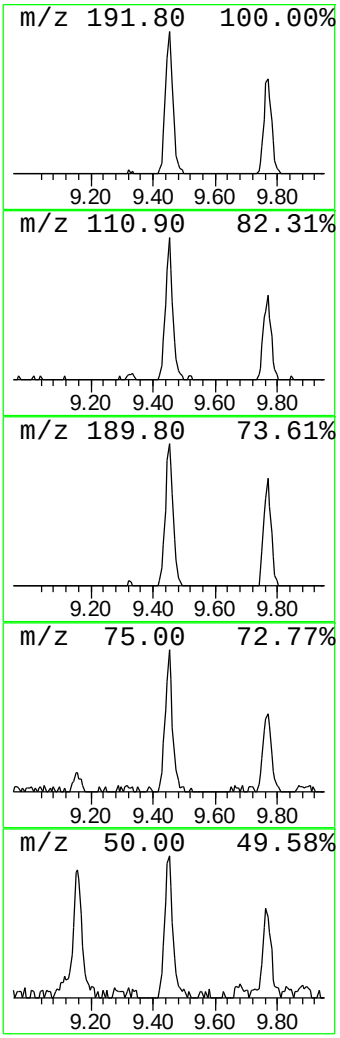
Peak Number 4 Benzene, 1-bromo-2-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	2.03 ng/ul	156439	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

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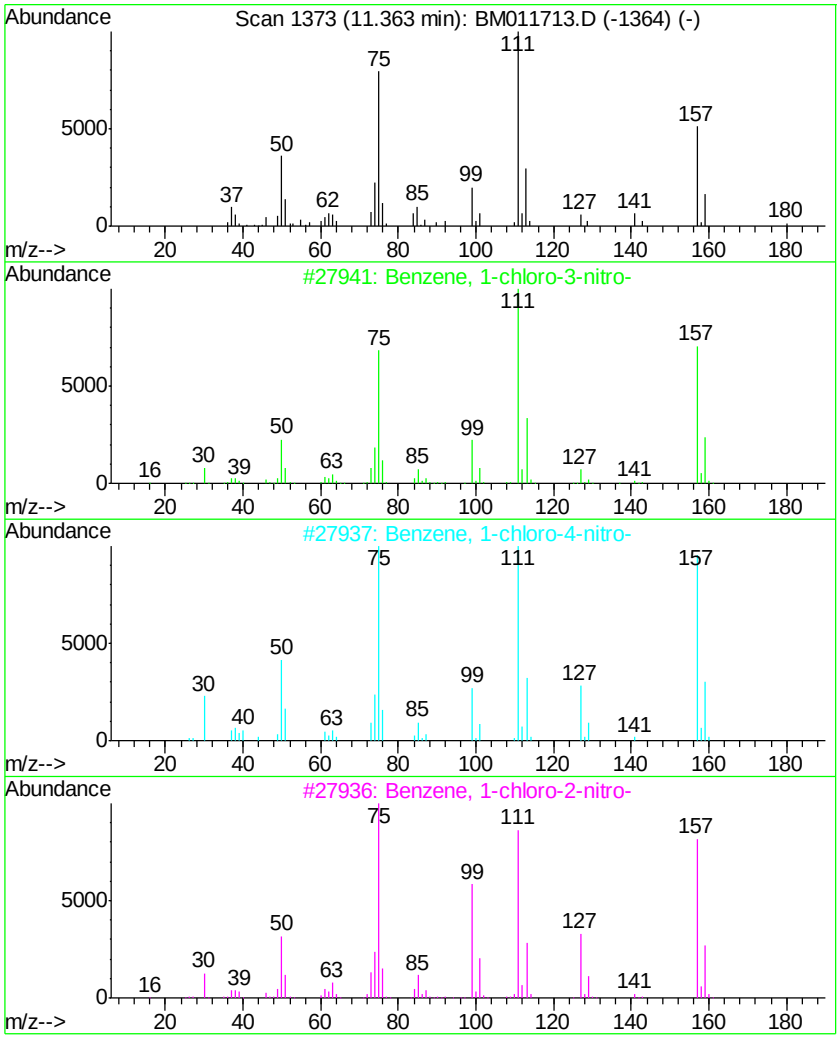
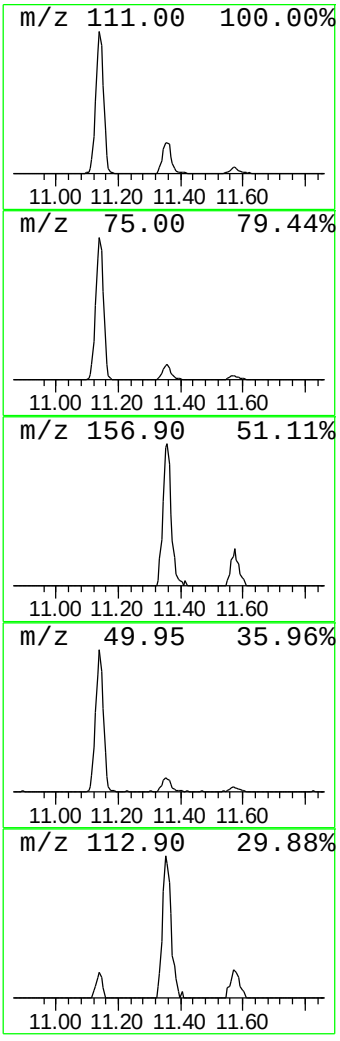
Peak Number 7 Benzene, 1-chloro-3-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.98 ng/ul	229509	Naphthalene-d8	10.76

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-4-nitro-	157	C6H4ClNO2	000100-00-5	94
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	93
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	87





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

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

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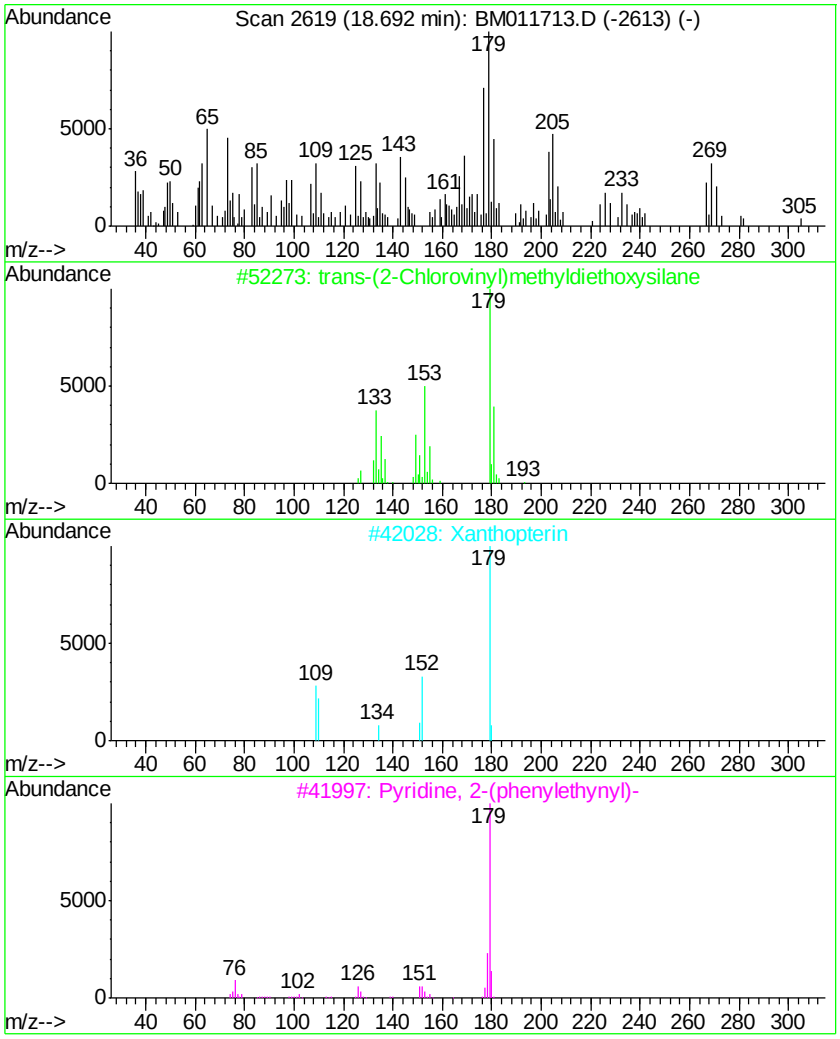
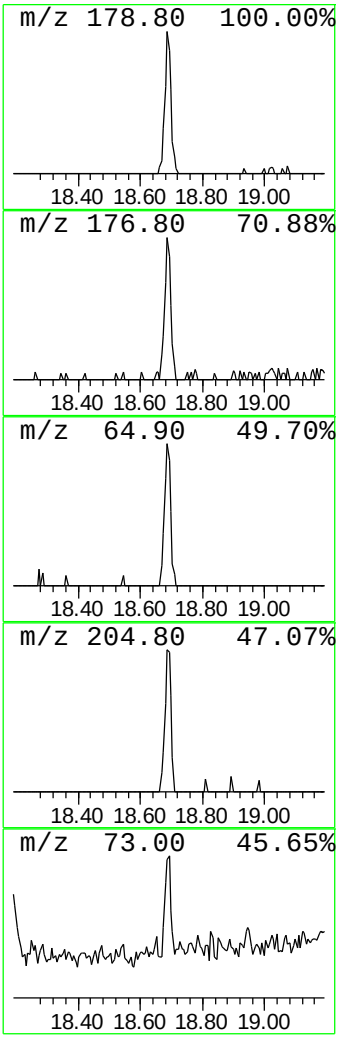
Peak Number 8 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	2.30 ng/ul	234925	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-(2-Chlorovinyl)methyldieth...	194	C7H15ClO2Si	1000139-96-9	38
2	Xanthopterin	179	C6H5N5O2	000119-44-8	16
3	Pyridine, 2-(phenylethynyl)-	179	C13H9N	013141-42-9	12
4	3,4-Methylenedioxyphenyl isothio...	179	C8H5NO2S	113504-93-1	11
5	7-Chloro-4-hydroxyquinoline	179	C9H6ClNO	000086-99-7	10





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
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-bromo-...	9.45	2.0	ng/ul	156439	2	10.76	1540950	20.0
Benzene, 1-chloro...	11.36	3.0	ng/ul	229509	2	10.76	1540950	20.0
unknown-01	18.69	2.3	ng/ul	234925	4	17.32	2040910	20.0