LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016865.D
Acq On : 22 Sep 2018 12:12
Operator : SJ/JU
Sample : J5013-03DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08R7DL

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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	3.016	3	5	11	rVB	271163	269298	0.21%	0.064%
2	5.093	348	358	364	rBV3	50095198	129342196	100.00%	30.588%
3	7.610	778	786	796	rVB	7229404	11595672	8.97%	2.742%
4	7.775	796	814	820	rBV2	47163834	102451302	79.21%	24.228%
5	8.098	856	869	874	rBV2	48336109	111304051	86.05%	26.322%
6	8.869	994	1000	1002	rBV	93943	154659	0.12%	0.037%
7	8.910	1002	1007	1022	rVB	1303225	2091214	1.62%	0.495%
8	9.198	1051	1056	1063	rVB	115104	186070	0.14%	0.044%
9	10.116	1206	1212	1219	rBV	95007	158055	0.12%	0.037%
10	10.369	1246	1255	1263	rBV	20832790	35583613	27.51%	8.415%
11	10.498	1270	1277	1284	rBV	1107188	1784987	1.38%	0.422%
12	10.881	1333	1342	1353	rBV	6293979	10367793	8.02%	2.452%
13	11.092	1371	1378	1389	rVB	823995	1366937	1.06%	0.323%
14	11.310	1407	1415	1421	rBV	160795	272518	0.21%	0.064%
15	12.533	1617	1623	1630	rVB	213795	351215	0.27%	0.083%
16	13.145	1721	1727	1738	rVB	901696	1333636	1.03%	0.315%
17	13.769	1824	1833	1839	rBV	204069	311820	0.24%	0.074%
18	14.045	1874	1880	1888	rVB	197691	291869	0.23%	0.069%
19	14.357	1926	1933	1941	rVB2	1388795	2121531	1.64%	0.502%
20	15.351	2096	2102	2109	rBV	325596	442468	0.34%	0.105%
21	17.104	2393	2400	2408	rBV	1767959	2445661	1.89%	0.578%
22	17.198	2411	2416	2427	rVV	299355	426567	0.33%	0.101%
23	18.474	2628	2633	2641	rVB	841805	1104955	0.85%	0.261%
24	19.498	2802	2807	2813	rBV2	375683	507793	0.39%	0.120%
25	21.292	3106	3112	3119	rBV	2373075	3096329	2.39%	0.732%
26	23.380	3463	3467	3473	rVB	253653	387956	0.30%	0.092%
27	23.521	3485	3491	3502	rVB2	1648973	3108318	2.40%	0.735%

Sum of corrected areas: 422858483

LSC Report - Integrated Chromatogram

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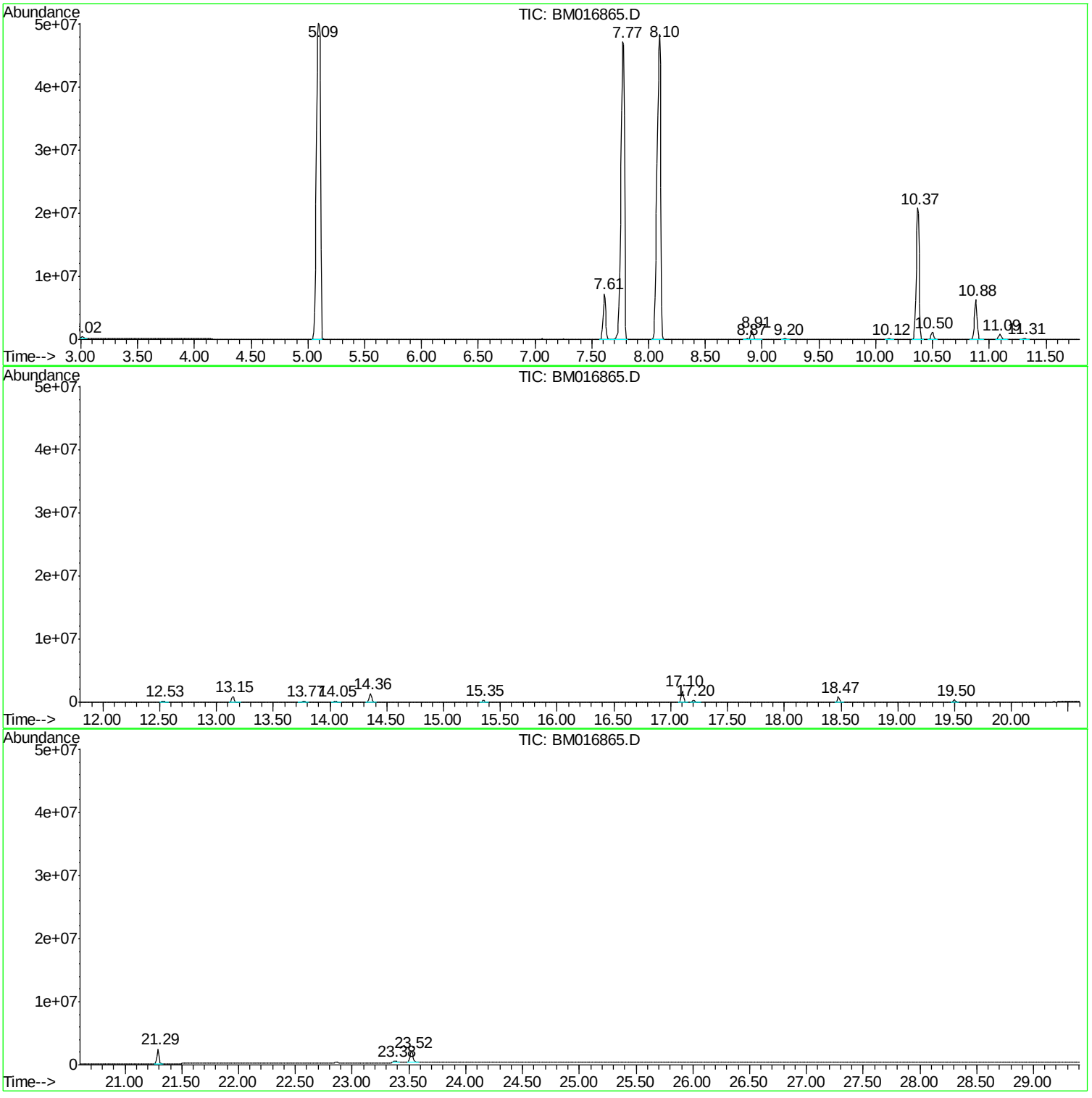
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C08R7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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 : BM016865.D
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Operator : SJ/JU
Sample : J5013-03DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08R7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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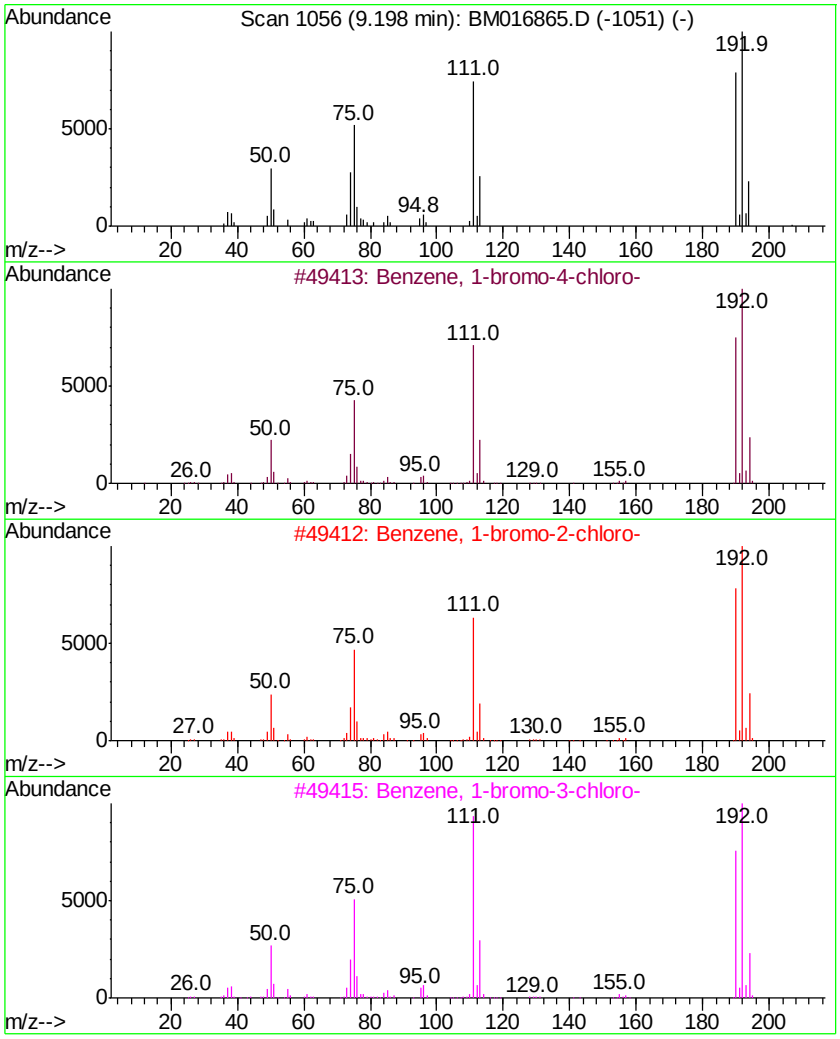
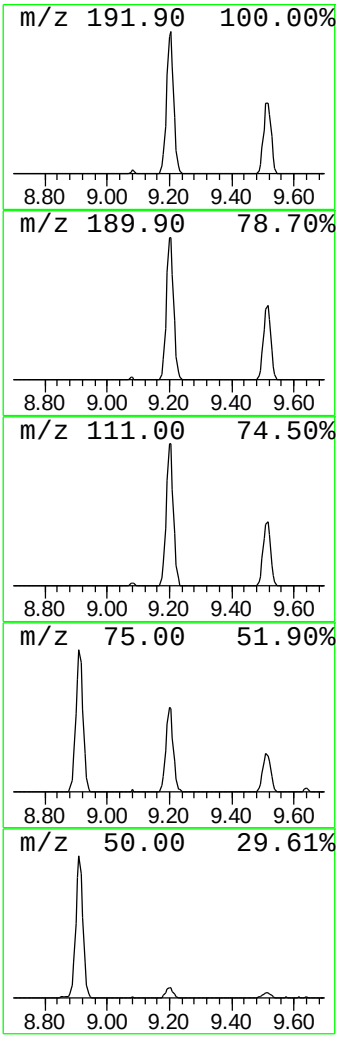
Peak Number 4 Benzene, 1-bromo-4-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	2.08 ng/ul	186070	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
4	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96





Library Search Compound Report

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Data File : BM016865.D
Acq On : 22 Sep 2018 12:12
Operator : SJ/JU
Sample : J5013-03DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08R7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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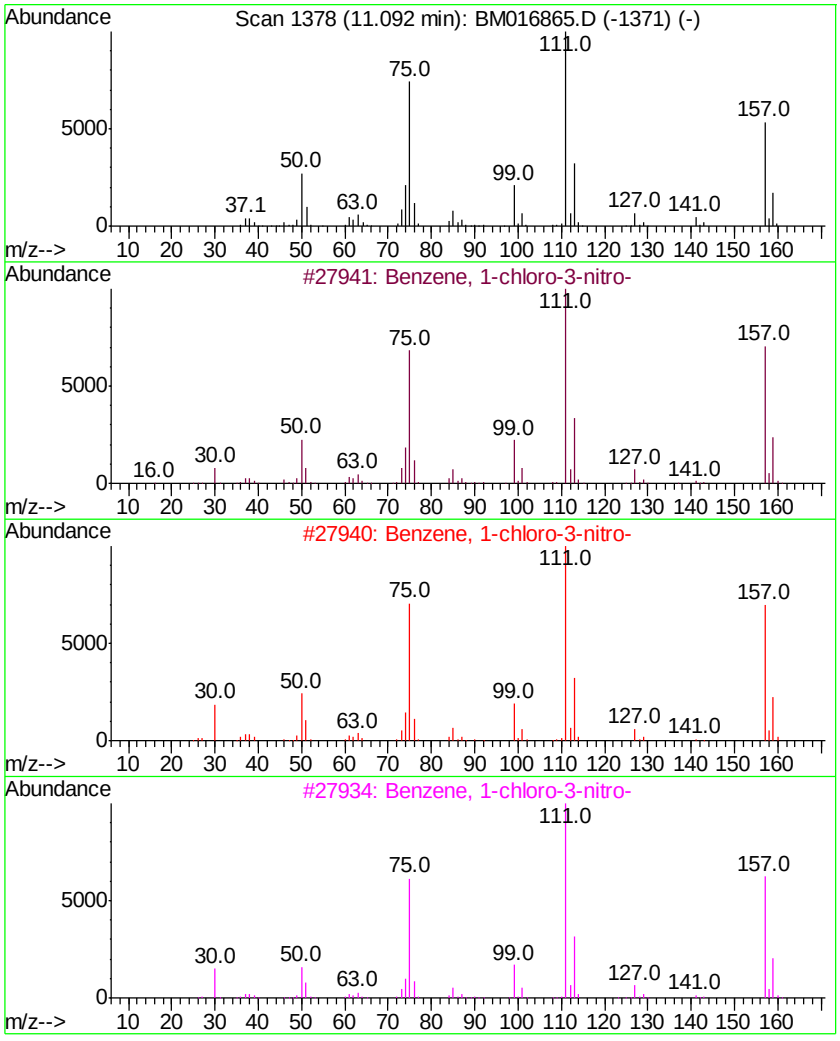
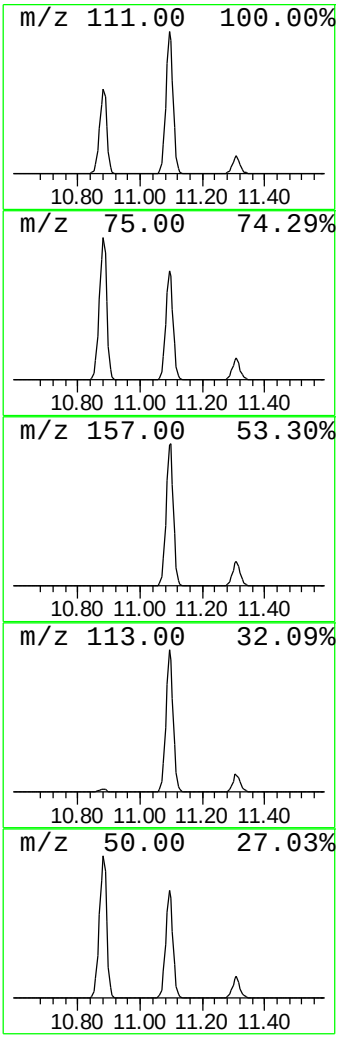
Peak Number 7 Benzene, 1-chloro-3-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	15.32 ng/ul	1366940	Naphthalene-d8	10.50

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	96
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





Library Search Compound Report

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Data File : BM016865.D
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Operator : SJ/JU
Sample : J5013-03DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08R7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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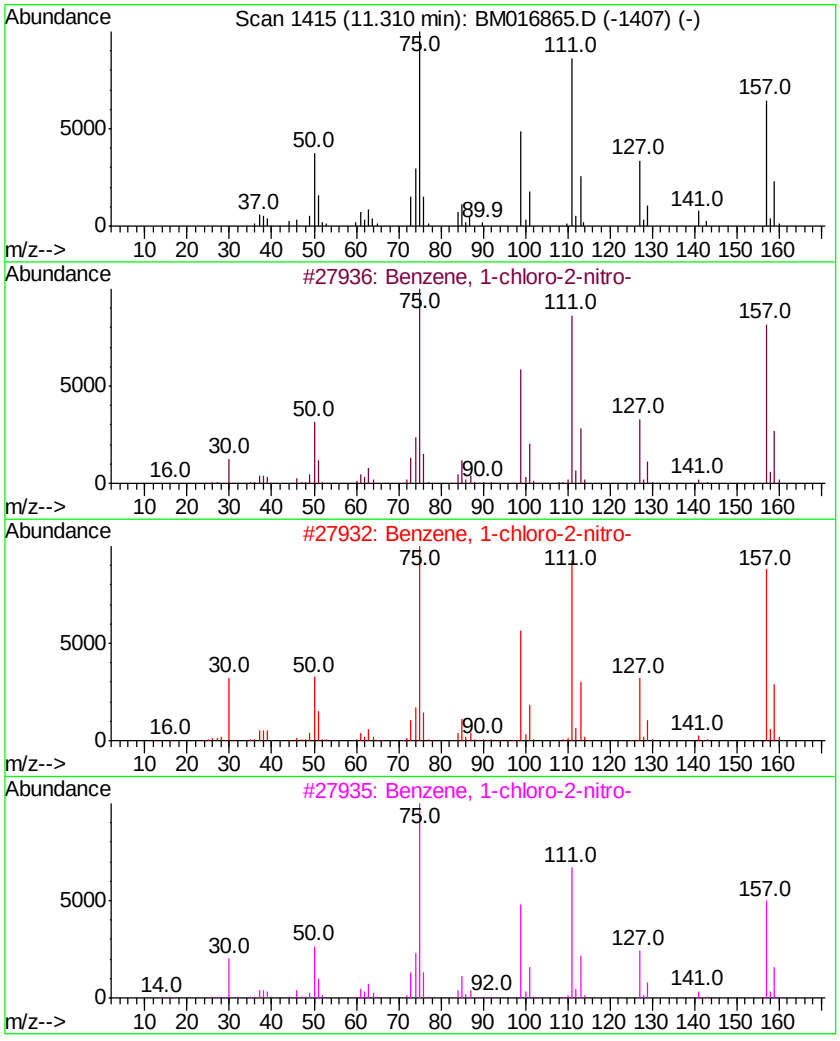
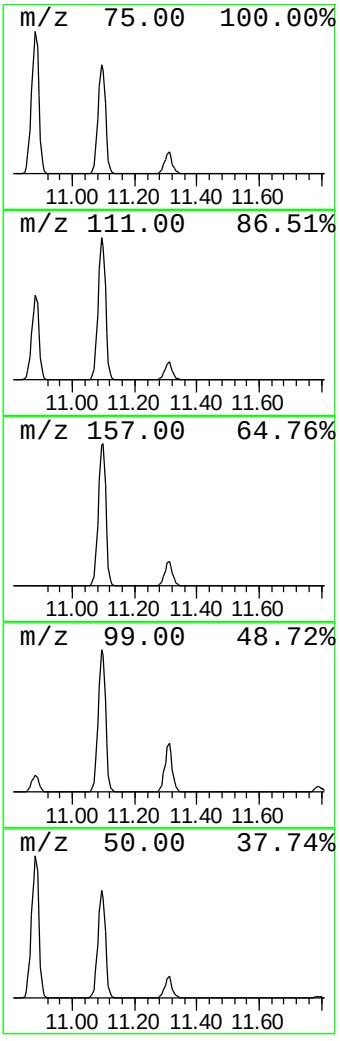
Peak Number 8 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	3.05 ng/ul	272518	Naphthalene-d8	10.50

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	96





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Operator : SJ/JU
Sample : J5013-03DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08R7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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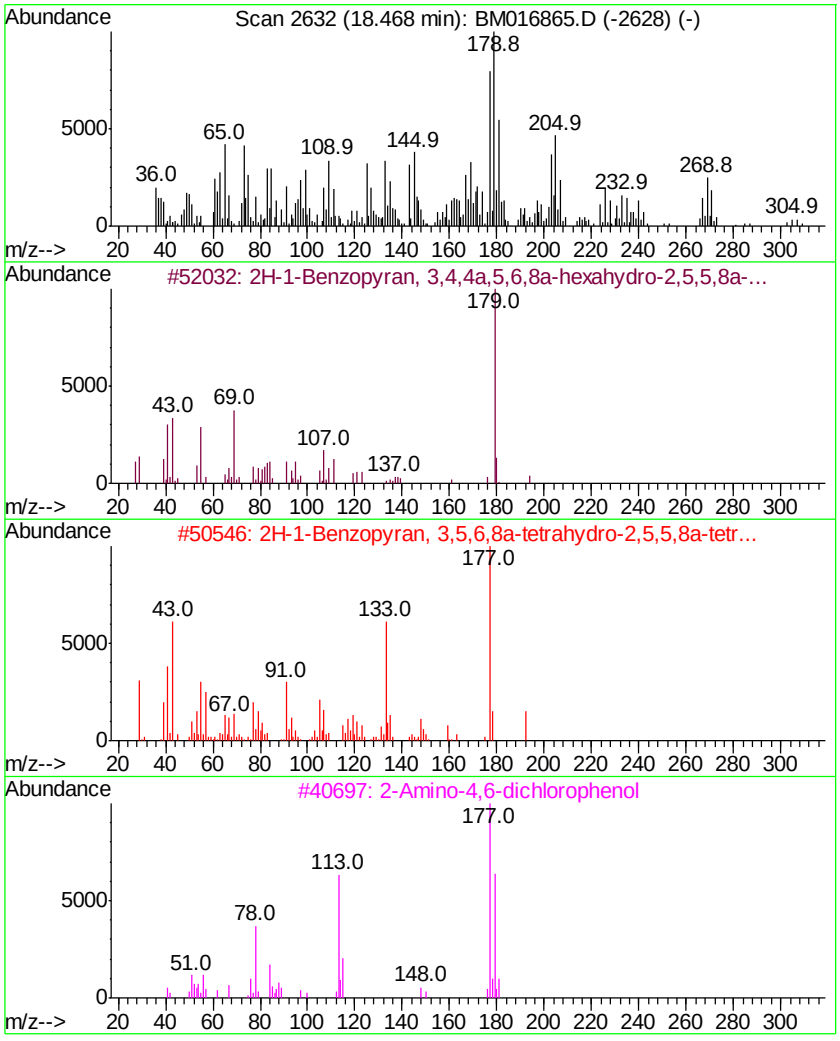
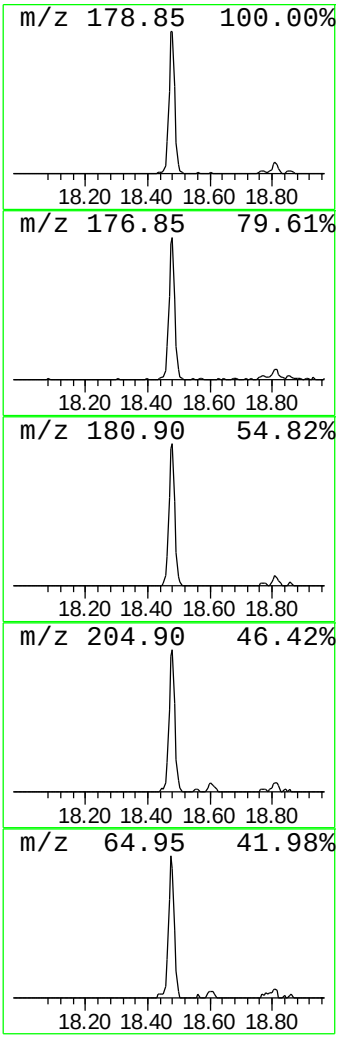
Peak Number 9 2H-1-Benzopyran, 3,4,4a,5,6... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	9.04 ng/ul	1104960	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	063335-66-0	53
2	2H-1-Benzopyran, 3,5,6,8a-tetrah...	192	C13H20O	041678-30-2	44
3	2-Amino-4,6-dichlorophenol	177	C6H5Cl2NO	000527-62-8	18
4	2-(Anilinomethyl)-9H-fluorene	271	C20H17N	306742-89-2	15
5	2,4-Dimethoxyphenyl isocyanate	179	C9H9NO3	084370-87-6	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092118\
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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-...	9.20	2.1	ng/ul	186070	2	10.50	1784990	20.0
Benzene, 1-chloro...	11.09	15.3	ng/ul	1366940	2	10.50	1784990	20.0
Benzene, 1-chloro...	11.31	3.0	ng/ul	272518	2	10.50	1784990	20.0
2H-1-Benzopyran, ...	18.47	9.0	ng/ul	1104960	4	17.10	2445660	20.0