LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016863.D
Acq On : 22 Sep 2018 10:59
Operator : SJ/JU
Sample : J5013-01DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08R4DL

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	3.017	3	5	10	rVB	256540	263646	0.20%	0.062%
2	5.093	348	358	364	rBV3	50147805	130379327	100.00%	30.464%
3	7.611	777	786	794	rBV	7571428	11909865	9.13%	2.783%
4	7.775	797	814	820	rBV2	47893270	104038114	79.80%	24.309%
5	8.099	855	869	874	rBV2	47919617	112817828	86.53%	26.361%
6	8.869	991	1000	1001	rBV	89761	132152	0.10%	0.031%
7	8.911	1001	1007	1016	rVB	1296914	2088612	1.60%	0.488%
8	9.199	1050	1056	1063	rBV2	117655	192136	0.15%	0.045%
9	10.116	1206	1212	1220	rBV	95791	158246	0.12%	0.037%
10	10.369	1245	1255	1267	rBV	20576727	35340976	27.11%	8.258%
11	10.499	1270	1277	1284	rBV	1158858	1803787	1.38%	0.421%
12	10.881	1333	1342	1350	rBV	6337290	10302451	7.90%	2.407%
13	11.093	1370	1378	1387	rBV	877877	1390280	1.07%	0.325%
14	11.305	1408	1414	1421	rVB	153407	272314	0.21%	0.064%
15	12.528	1618	1622	1629	rVB	219656	338975	0.26%	0.079%
16	13.146	1720	1727	1734	rBV	872702	1340892	1.03%	0.313%
17	13.769	1822	1833	1838	rBV	205427	317657	0.24%	0.074%
18	14.046	1874	1880	1888	rVB	202621	296918	0.23%	0.069%
19	14.357	1925	1933	1943	rBV2	1483394	2234078	1.71%	0.522%
20	15.351	2096	2102	2107	rVB	314588	444146	0.34%	0.104%
21	17.104	2393	2400	2408	rBV	1840514	2602417	2.00%	0.608%
22	17.198	2410	2416	2426	rVB2	299663	440322	0.34%	0.103%
23	18.475	2625	2633	2642	rBV	943263	1232927	0.95%	0.288%
24	19.498	2802	2807	2813	rBV	409281	543498	0.42%	0.127%
25	21.292	3106	3112	3117	rBV	2587250	3267925	2.51%	0.764%
26	23.380	3462	3467	3473	rBV	274916	498263	0.38%	0.116%
27	23.521	3485	3491	3502	rVB2	1762910	3329765	2.55%	0.778%

Sum of corrected areas: 427977517

LSC Report - Integrated Chromatogram

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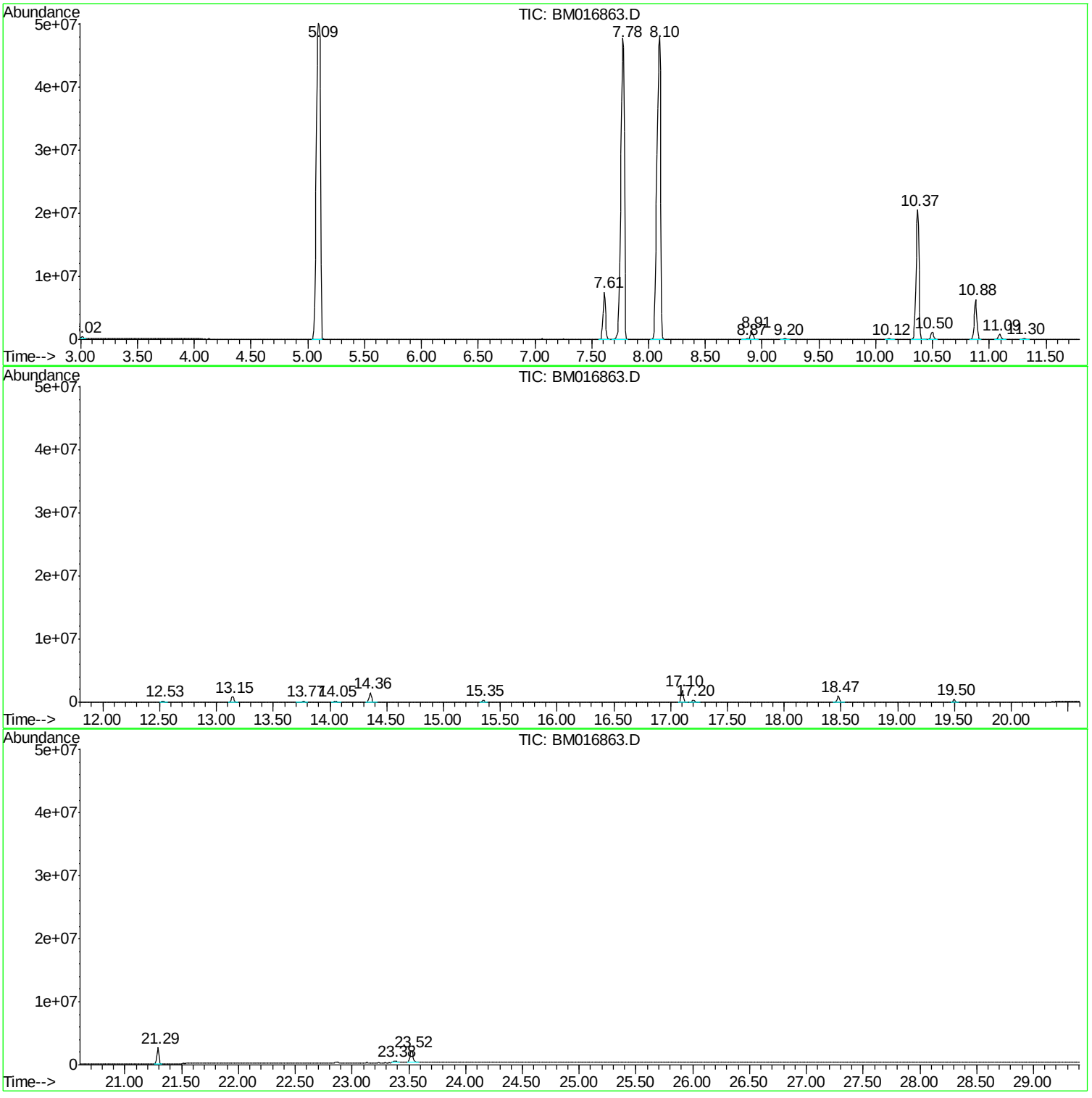
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C08R4DL

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 : BM016863.D
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Operator : SJ/JU
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Misc :
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Instrument : BNA_M
ClientSampleId : C08R4DL

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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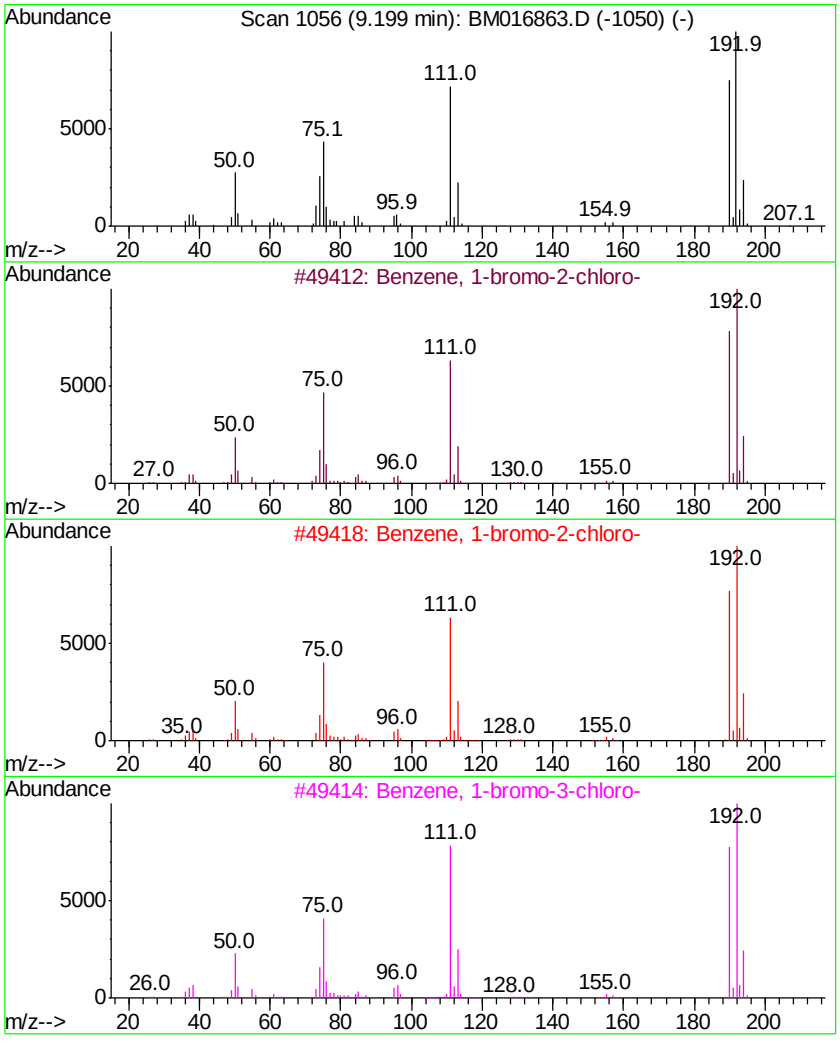
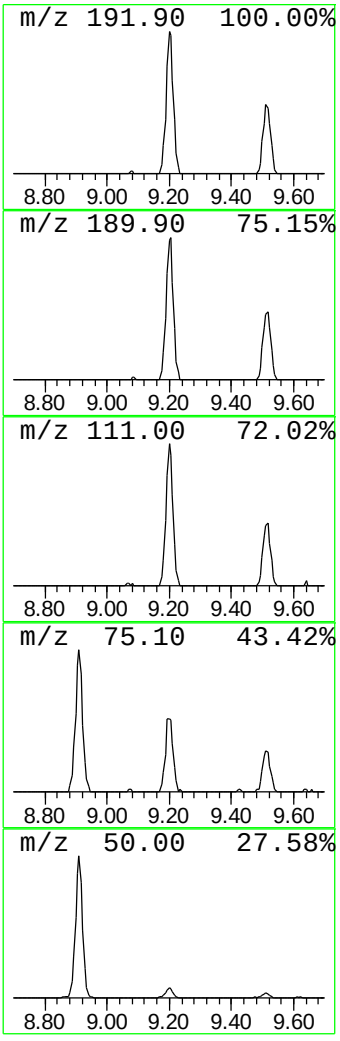
Peak Number 4 Benzene, 1-bromo-2-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	2.13 ng/ul	192136	Naphthalene-d8	10.50

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-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97





Library Search Compound Report

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Data File : BM016863.D
Acq On : 22 Sep 2018 10:59
Operator : SJ/JU
Sample : J5013-01DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08R4DL

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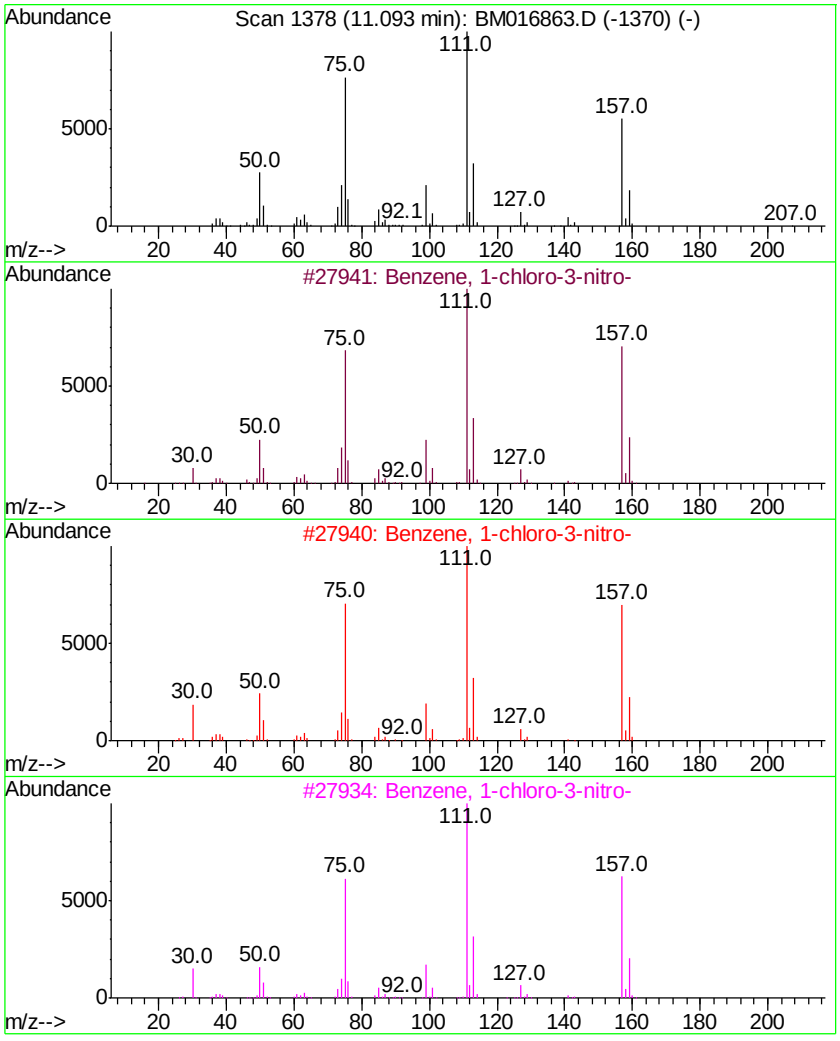
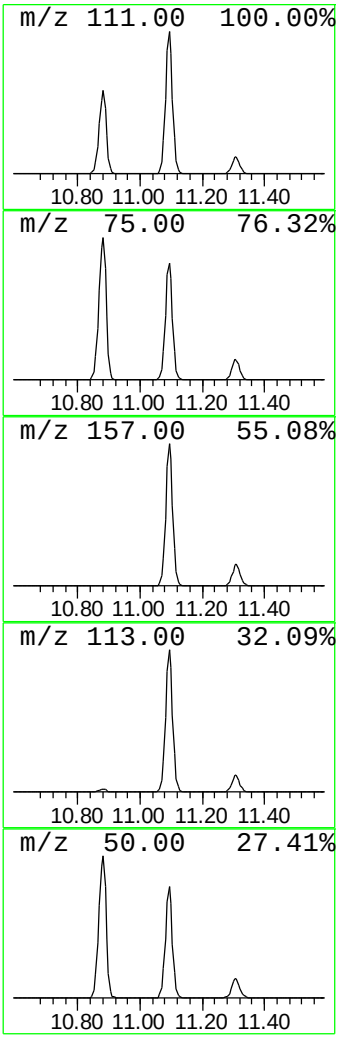
Peak Number 7 Benzene, 1-chloro-3-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	15.42 ng/ul	1390280	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	91





Library Search Compound Report

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Operator : SJ/JU
Sample : J5013-01DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08R4DL

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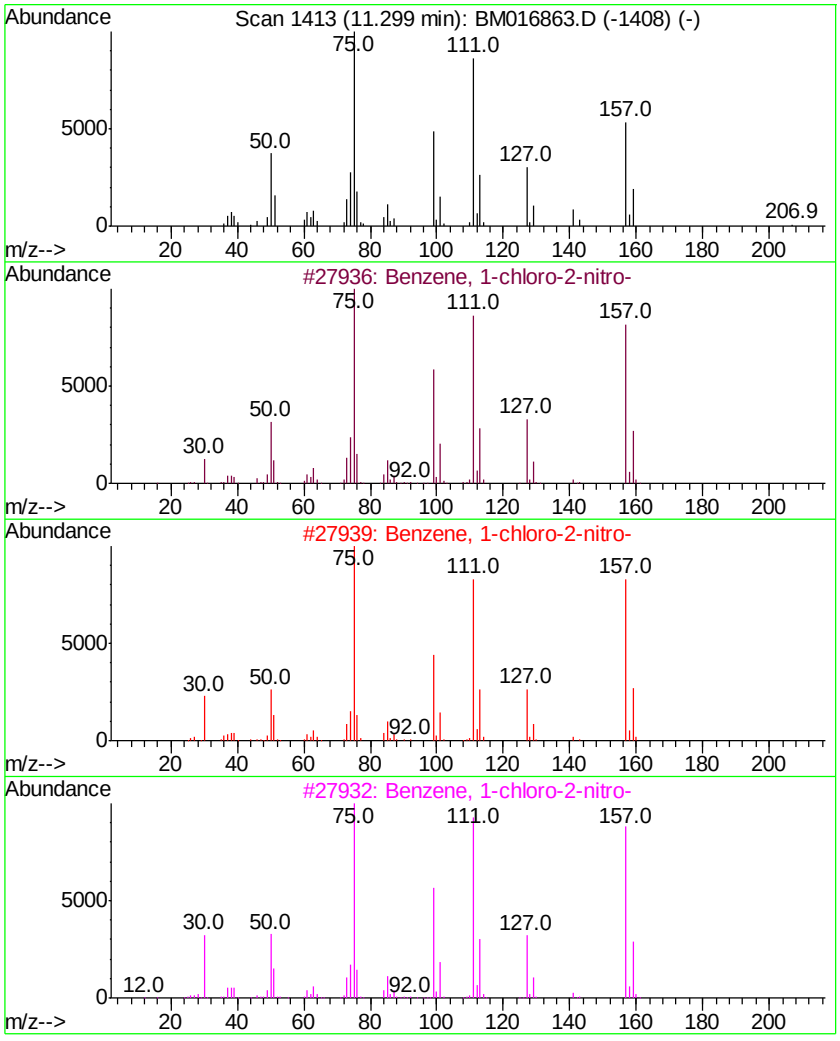
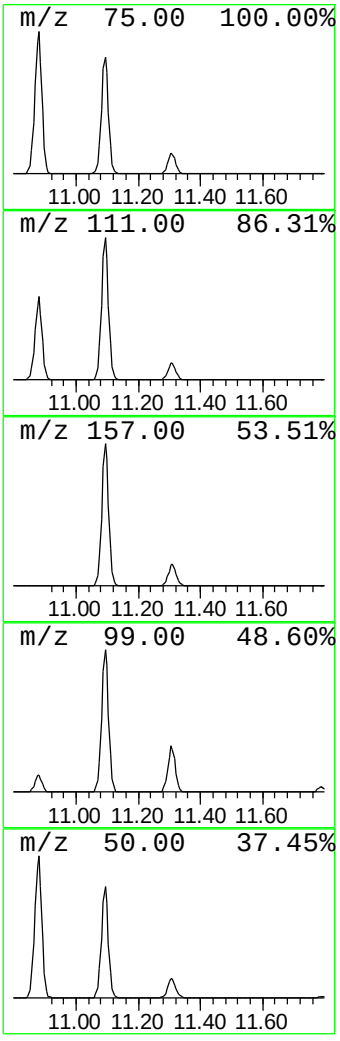
Peak Number 8 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	3.02 ng/ul	272314	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	99
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96





Library Search Compound Report

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Operator : SJ/JU
Sample : J5013-01DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08R4DL

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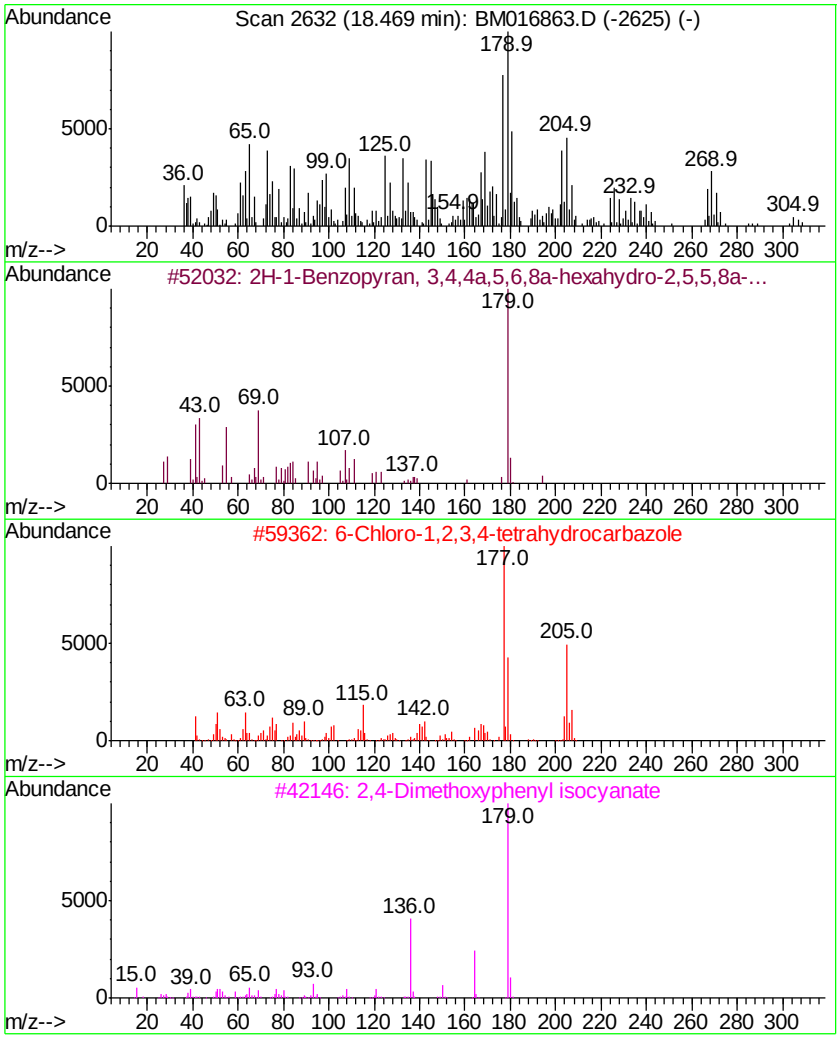
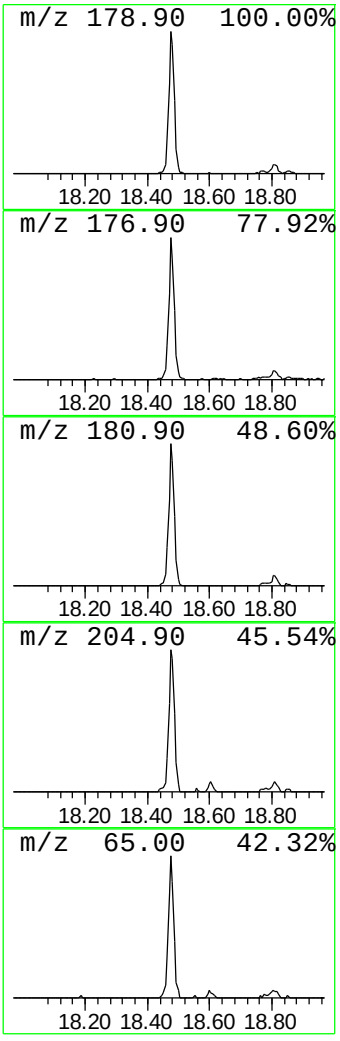
Peak Number 9 2H-1-Benzopyran, 3,4,4a,5,6... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	9.48 ng/ul	1232930	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	59
2	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	30
3	2,4-Dimethoxyphenyl isocyanate	179	C9H9NO3	084370-87-6	15
4	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	000079-77-6	15
5	Phenol, 4-amino-2,6-dichloro-	177	C6H5Cl2NO	005930-28-9	14





Tentatively Identified Compound (LSC) summary

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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	192136	2	10.50	1803790	20.0
Benzene, 1-chloro...	11.09	15.4	ng/ul	1390280	2	10.50	1803790	20.0
Benzene, 1-chloro...	11.30	3.0	ng/ul	272314	2	10.50	1803790	20.0
2H-1-Benzopyran, ...	18.47	9.5	ng/ul	1232930	4	17.10	2602420	20.0