LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021498.D
Acq On : 17 Jul 2019 20:26
Operator : HP/JU
Sample : K3787-05DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C93DL

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-BM070819MA.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	5.093	347	358	363	rBV2	36530056	79375740	91.37%	24.963%
2	6.898	661	665	675	rVB	61824	104900	0.12%	0.033%
3	7.069	689	694	704	rVB	123173	206169	0.24%	0.065%
4	7.257	721	726	738	rVB	152232	255324	0.29%	0.080%
5	7.616	779	787	798	rVB	6354594	10482147	12.07%	3.296%
6	7.781	800	815	821	rBV2	34982812	75392265	86.79%	23.710%
7	8.104	857	870	875	rBV2	36260349	86871524	100.00%	27.320%
8	8.434	921	926	934	rVB	110284	184762	0.21%	0.058%
9	8.887	997	1003	1005	rBV	169860	258919	0.30%	0.081%
10	8.928	1005	1010	1023	rVB	814457	1360636	1.57%	0.428%
11	9.210	1052	1058	1067	rVB	126221	200242	0.23%	0.063%
12	9.522	1107	1111	1118	rVB2	63551	109961	0.13%	0.035%
13	9.604	1119	1125	1129	rBV2	122411	209462	0.24%	0.066%
14	10.134	1209	1215	1228	rVB	195168	342857	0.39%	0.108%
15	10.381	1247	1257	1266	rBV	19480266	33463259	38.52%	10.524%
16	10.510	1272	1279	1285	rBV	872371	1387102	1.60%	0.436%
17	10.886	1335	1343	1354	rBV	5637754	9549972	10.99%	3.003%
18	11.116	1375	1382	1391	rBV	613477	1034811	1.19%	0.325%
19	11.333	1413	1419	1429	rVB	111311	225275	0.26%	0.071%
20	12.539	1612	1624	1634	rBV	369960	684334	0.79%	0.215%
21	13.157	1722	1729	1743	rVB	1400363	2205292	2.54%	0.694%
22	13.786	1829	1836	1841	rBV	367659	547110	0.63%	0.172%
23	14.057	1876	1882	1890	rBV	437710	635685	0.73%	0.200%
24	14.363	1928	1934	1943	rBV2	1166339	1817084	2.09%	0.571%
25	15.363	2098	2104	2115	rBV	571966	833635	0.96%	0.262%
26	15.504	2123	2128	2137	rBV2	65903	109963	0.13%	0.035%
27	17.115	2396	2402	2413	rBV2	1497565	2135456	2.46%	0.672%
28	17.215	2413	2419	2432	rVV2	538105	840797	0.97%	0.264%
29	18.492	2631	2636	2643	rBV	422194	547503	0.63%	0.172%
30	19.515	2804	2810	2821	rBV	711447	995912	1.15%	0.313%
31	21.309	3110	3115	3123	rBV	1749880	2277437	2.62%	0.716%
32	23.421	3469	3474	3483	rVB	558045	1016329	1.17%	0.320%
33	23.562	3492	3498	3511	rVB2	1192778	2316304	2.67%	0.728%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3787-05DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C93DL

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-BM070819MA.M
Title : SVOA CALIBRATION

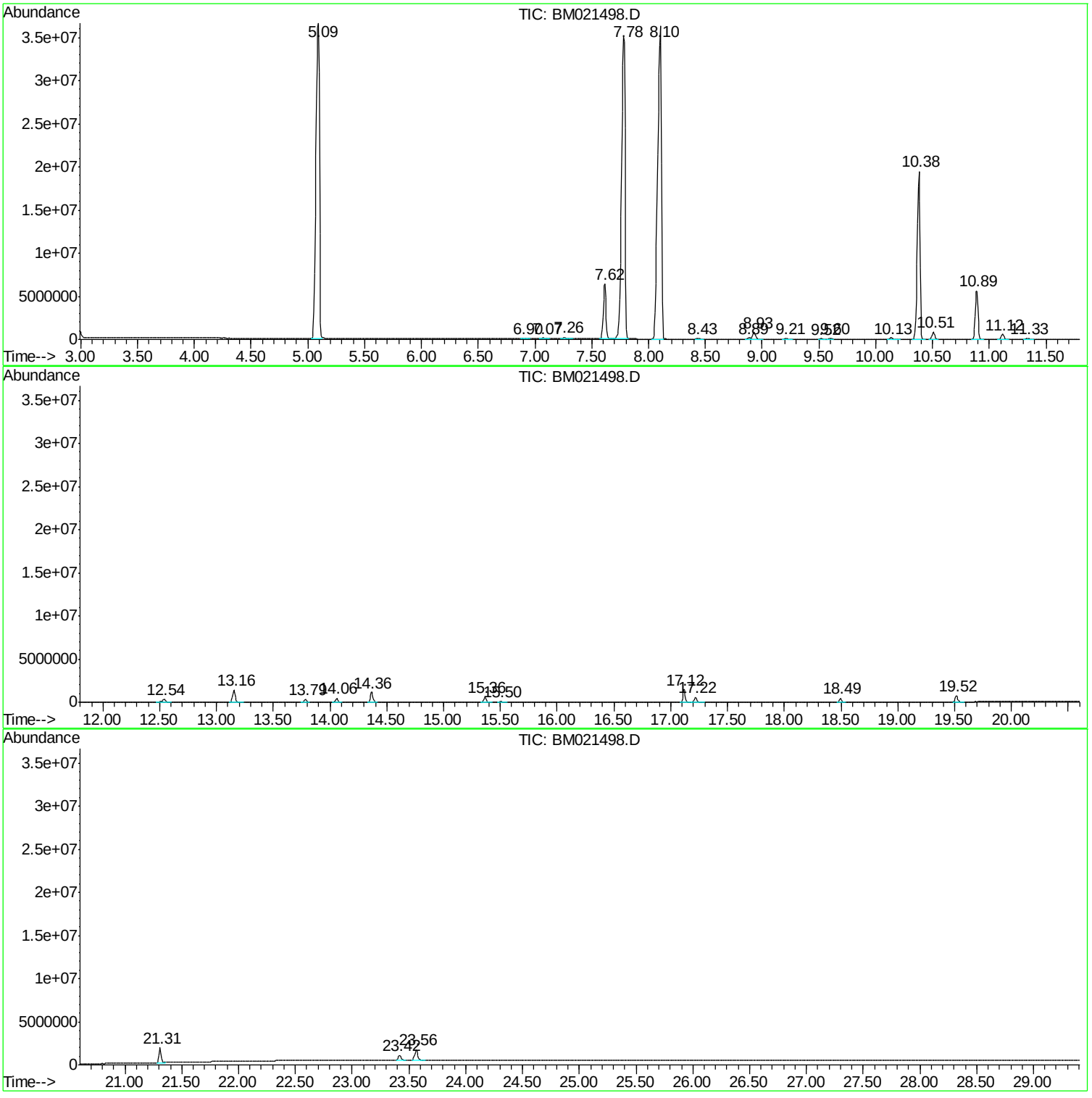
Sum of corrected areas: 317978168

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021498.D
Acq On : 17 Jul 2019 20:26
Operator : HP/JU
Sample : K3787-05DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021498.D
Acq On : 17 Jul 2019 20:26
Operator : HP/JU
Sample : K3787-05DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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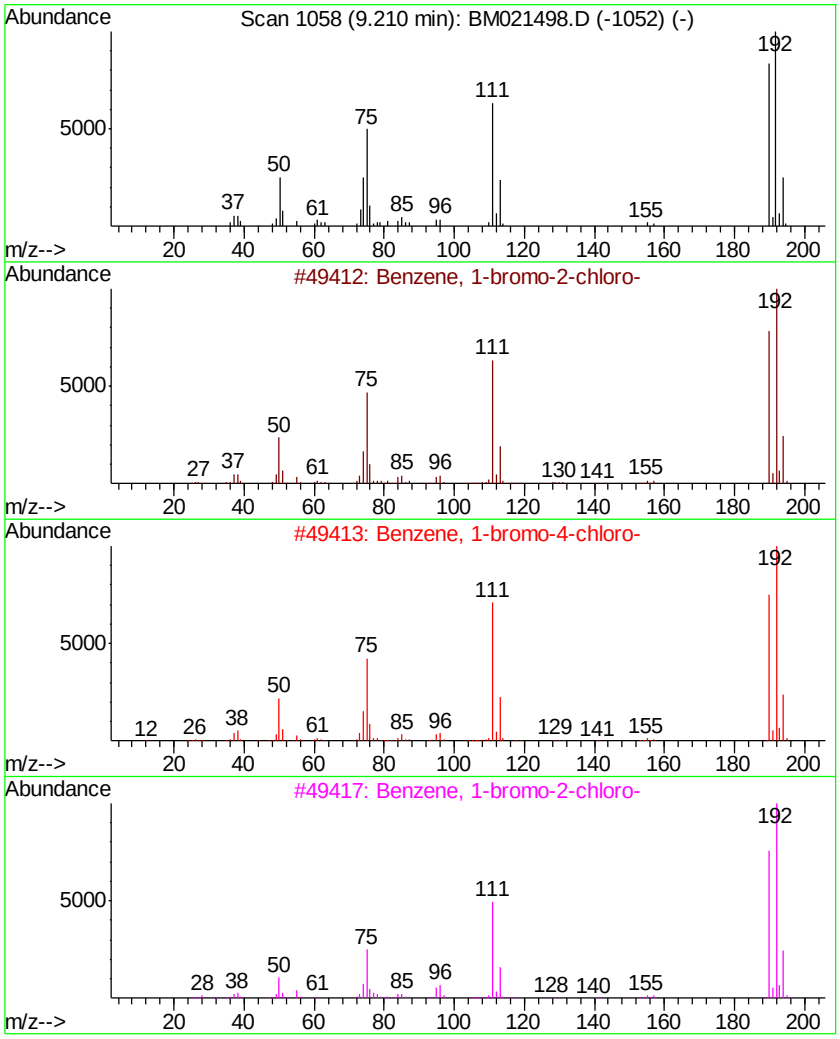
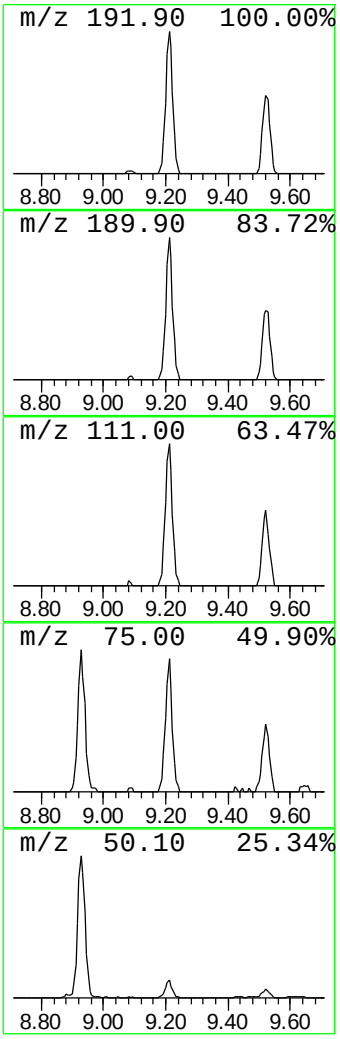
Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	2.89 ng/ul	200242	Naphthalene-d8	10.51

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-2-chloro-	190	C6H4BrCl	000694-80-4	94
4	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	94
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021498.D
Acq On : 17 Jul 2019 20:26
Operator : HP/JU
Sample : K3787-05DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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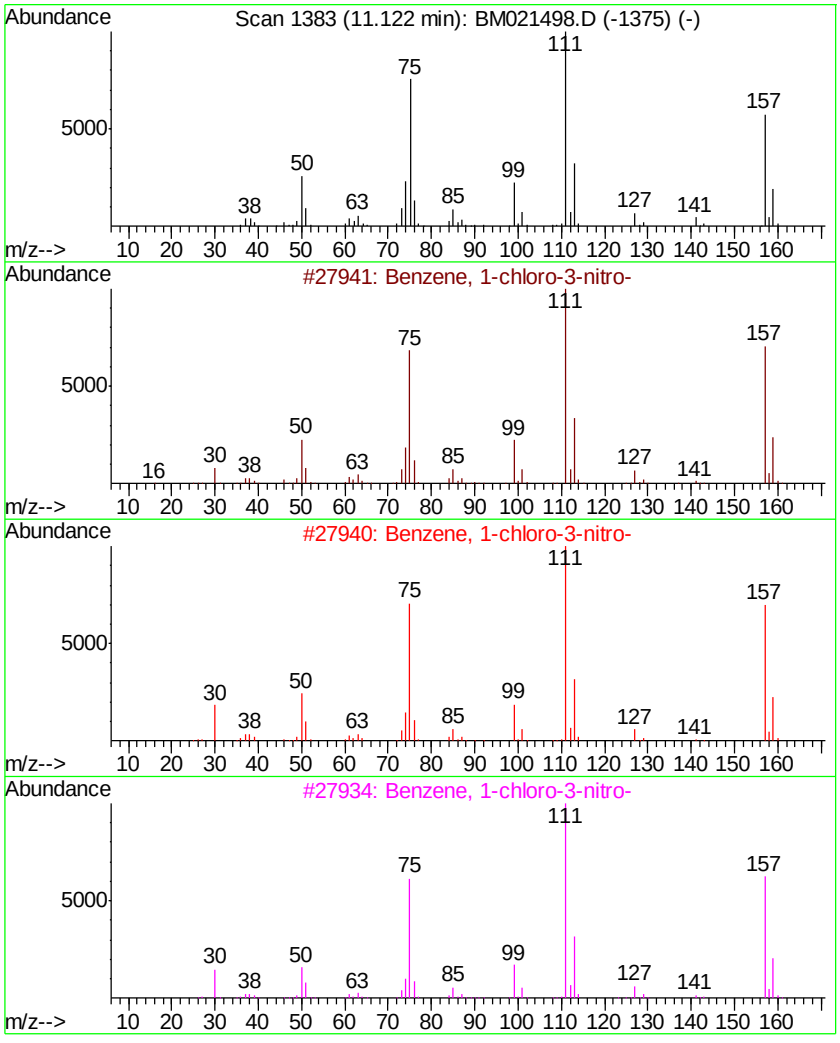
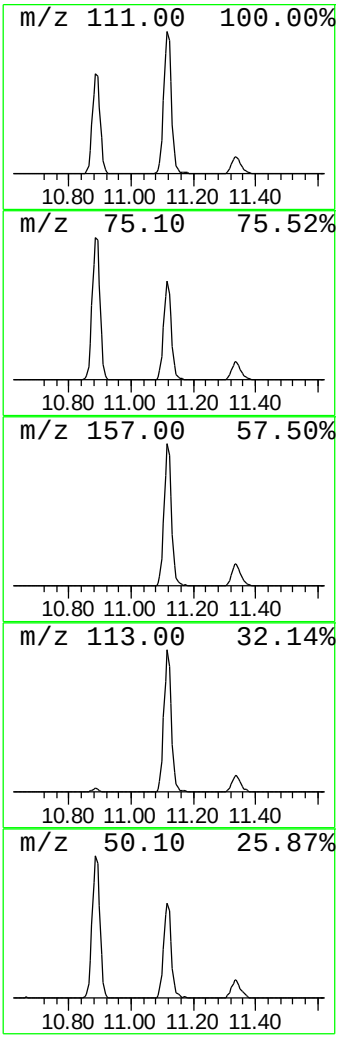
Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	14.92 ng/ul	1034810	Naphthalene-d8	10.51

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	96
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021498.D
Acq On : 17 Jul 2019 20:26
Operator : HP/JU
Sample : K3787-05DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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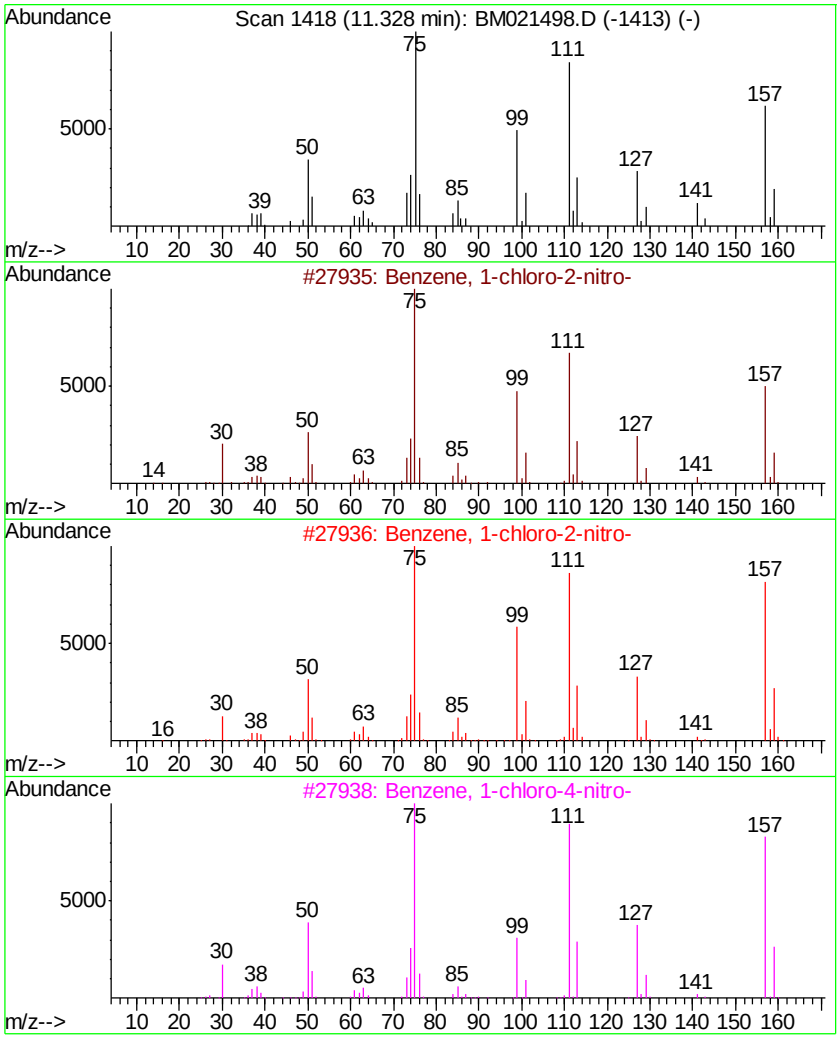
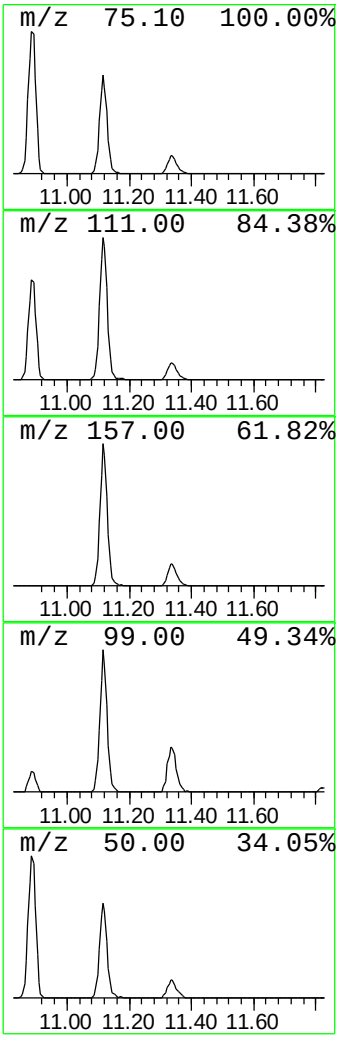
Peak Number 9 Benzene, 1-chloro-2-nitro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	3.25 ng/ul	225275	Naphthalene-d8	10.51

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-4-nitro-	157	C6H4ClNO2	000100-00-5	97
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021498.D
Acq On : 17 Jul 2019 20:26
Operator : HP/JU
Sample : K3787-05DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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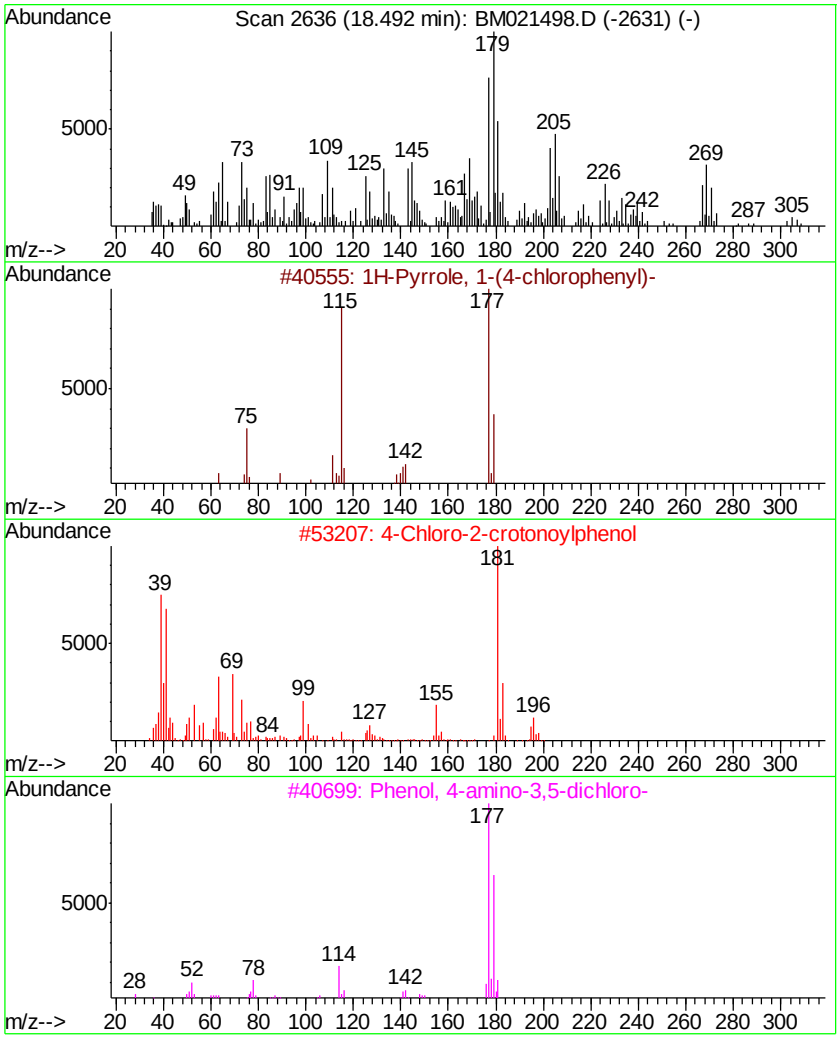
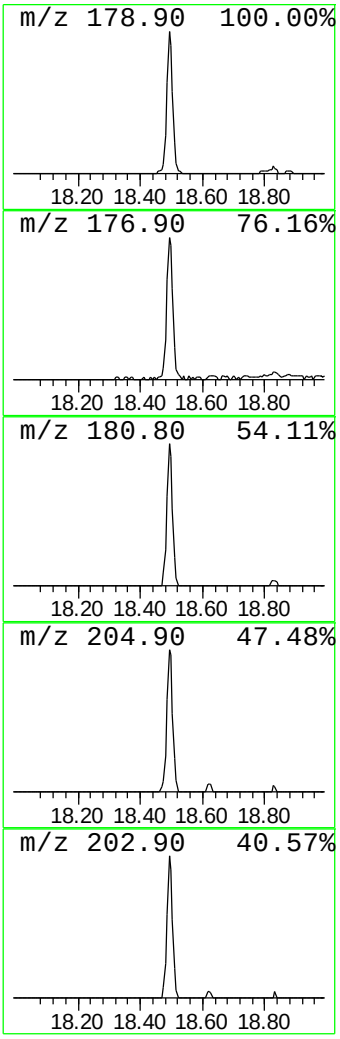
Peak Number 10 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	5.13 ng/ul	547503	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 1-(4-chlorophenyl)-	177	C10H8ClN	005044-38-2	18
2	4-Chloro-2-crotonoylphenol	196	C10H9ClO2	1000224-34-7	15
3	Phenol, 4-amino-3,5-dichloro-	177	C6H5Cl2NO	026271-75-0	14
4	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	14
5	Benzene, 1-fluoro-2-(trichlorome...	212	C7H4Cl3F	000488-98-2	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
Data File : BM021498.D
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Sample : K3787-05DL 5X
Misc :
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Instrument : BNA_M
ClientSampleId : C0C93DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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-...	9.21	2.9	ng/ul	200242	2	10.51	1387100	20.0
Benzene, 1-chloro...	11.12	14.9	ng/ul	1034810	2	10.51	1387100	20.0
Benzene, 1-chloro...	11.33	3.3	ng/ul	225275	2	10.51	1387100	20.0
unknown-01	18.49	5.1	ng/ul	547503	4	17.12	2135460	20.0