LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016864.D
Acq On : 22 Sep 2018 11:35
Operator : SJ/JU
Sample : J5012-03DL 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08K5DL

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	299161	300961	0.22%	0.066%
2	5.098	348	359	365	rBV4	50058696	137249025	100.00%	30.265%
3	7.610	778	786	798	rVB	8421391	14091777	10.27%	3.107%
4	7.781	798	815	821	rBV2	50646552	121943889	88.85%	26.890%
5	8.098	855	869	875	rBV2	48961892	121515776	88.54%	26.796%
6	8.869	992	1000	1002	rBV	99771	165401	0.12%	0.036%
7	8.910	1002	1007	1015	rVB	1388033	2226826	1.62%	0.491%
8	9.198	1050	1056	1064	rVB	96892	157649	0.11%	0.035%
9	10.116	1205	1212	1219	rBV	103611	168014	0.12%	0.037%
10	10.369	1245	1255	1265	rBV	15827255	26417754	19.25%	5.825%
11	10.498	1270	1277	1284	rVV	1155147	1892187	1.38%	0.417%
12	10.880	1334	1342	1352	rVB	4922671	8183674	5.96%	1.805%
13	11.092	1371	1378	1386	rBV	1095539	1778270	1.30%	0.392%
14	11.310	1407	1415	1422	rVB	215250	380566	0.28%	0.084%
15	12.533	1618	1623	1629	rVB	224173	337792	0.25%	0.074%
16	13.145	1720	1727	1734	rVB	635071	979889	0.71%	0.216%
17	13.768	1822	1833	1838	rBV	221160	340566	0.25%	0.075%
18	14.045	1874	1880	1887	rVB	216955	311085	0.23%	0.069%
19	14.357	1927	1933	1941	rVB2	1540932	2298074	1.67%	0.507%
20	15.351	2096	2102	2111	rVB	329981	468045	0.34%	0.103%
21	17.104	2394	2400	2408	rBV	1949240	2673848	1.95%	0.590%
22	17.198	2410	2416	2427	rBV	309418	463462	0.34%	0.102%
23	18.474	2624	2633	2645	rBV	934565	1267294	0.92%	0.279%
24	19.497	2801	2807	2814	rBV	418027	549149	0.40%	0.121%
25	21.291	3107	3112	3120	rBV	2651723	3358140	2.45%	0.741%
26	23.380	3462	3467	3473	rBV	302006	538269	0.39%	0.119%
27	23.521	3485	3491	3502	rBV2	1832021	3428924	2.50%	0.756%

Sum of corrected areas: 453486306

LSC Report - Integrated Chromatogram

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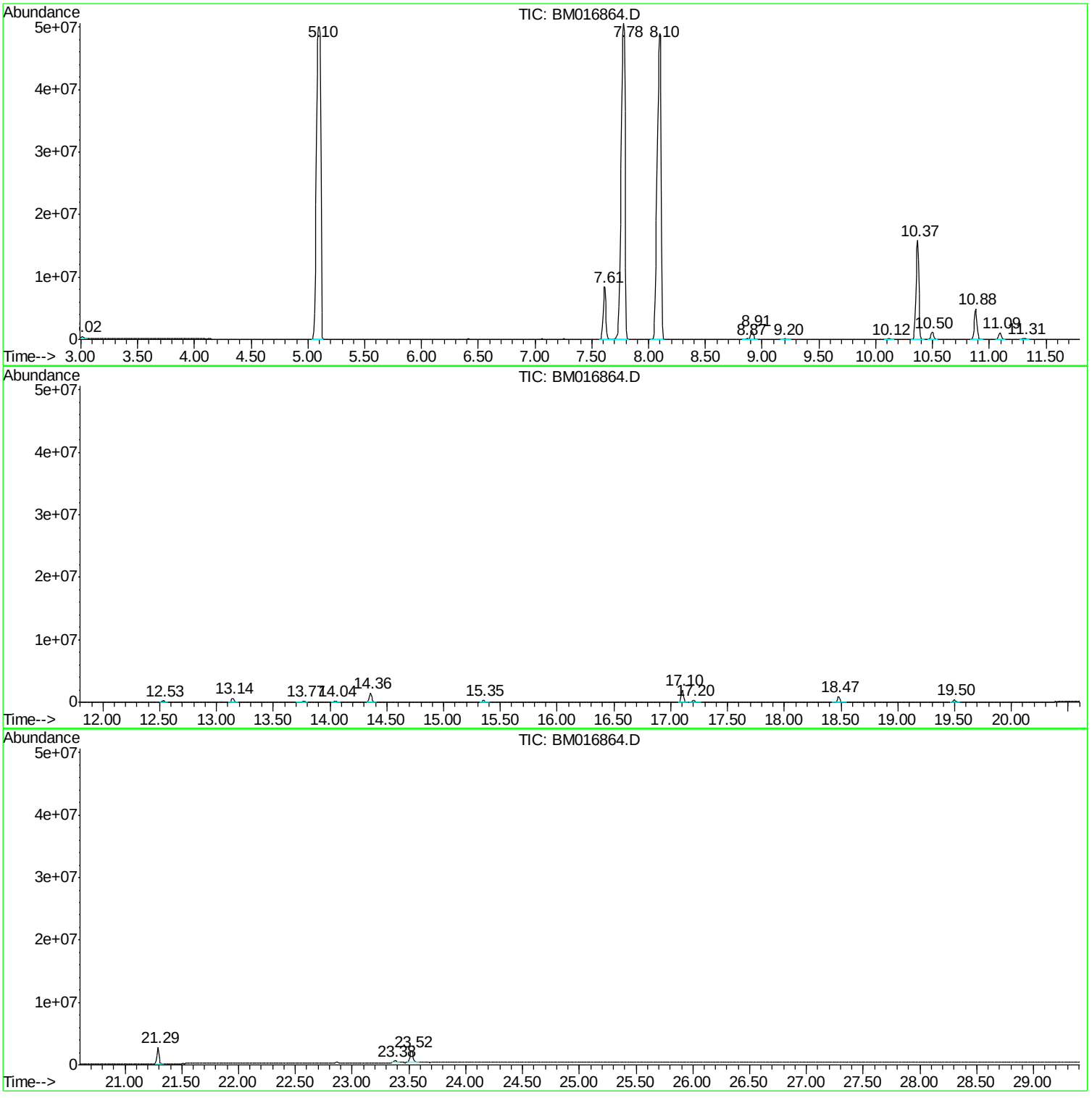
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C08K5DL

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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Operator : SJ/JU
Sample : J5012-03DL 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08K5DL

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Quant Title : SVOA CALIBRATION

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

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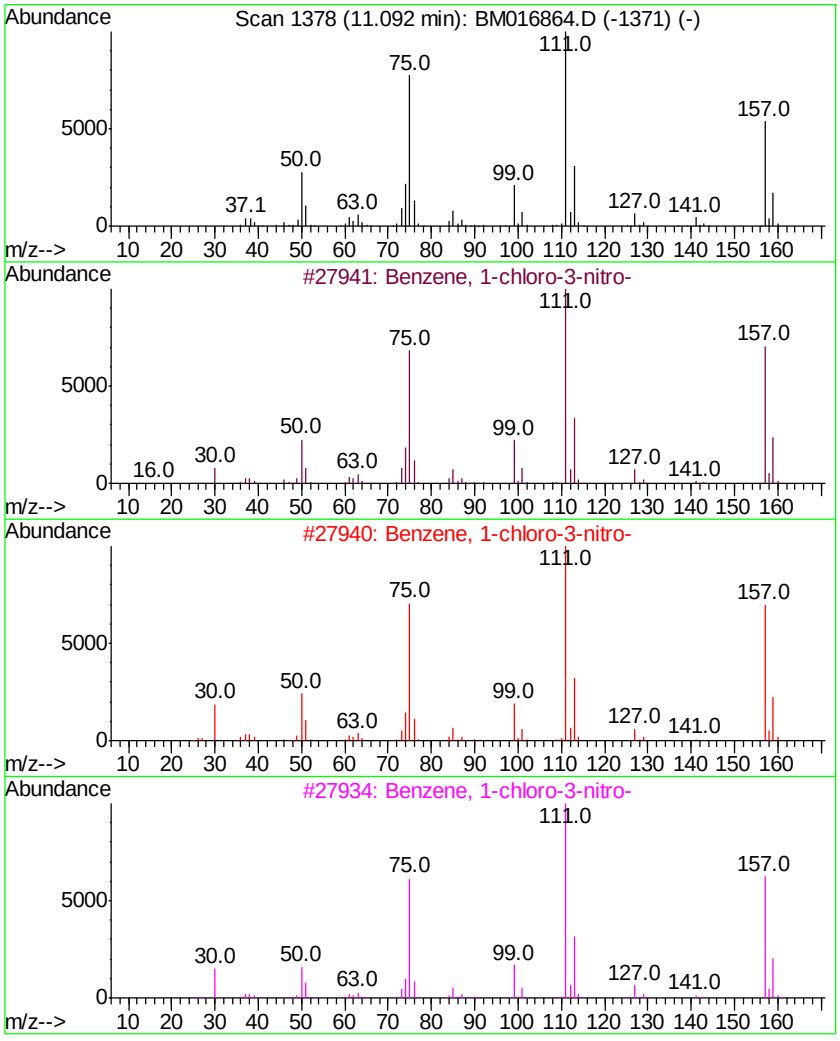
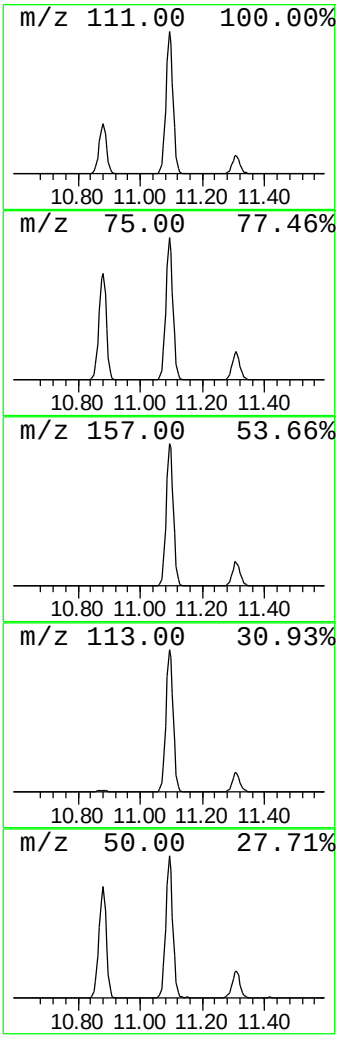
Peak Number 7 Benzene, 1-chloro-3-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	18.80 ng/ul	1778270	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





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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08K5DL

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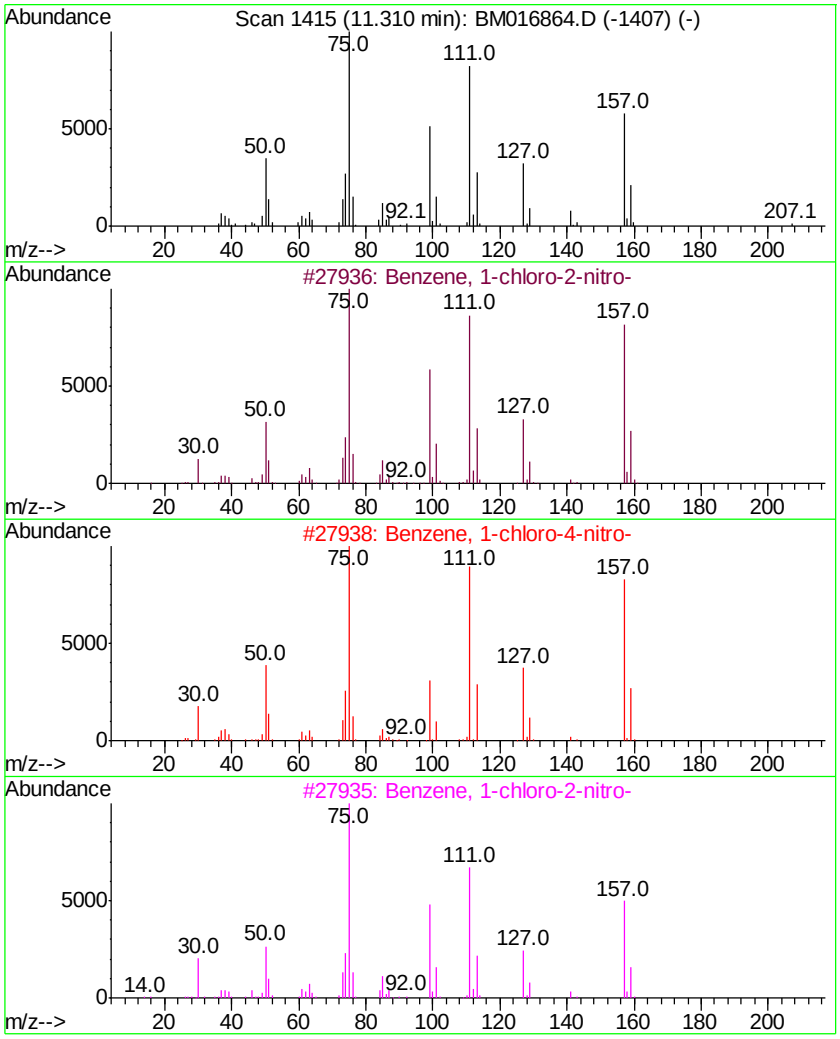
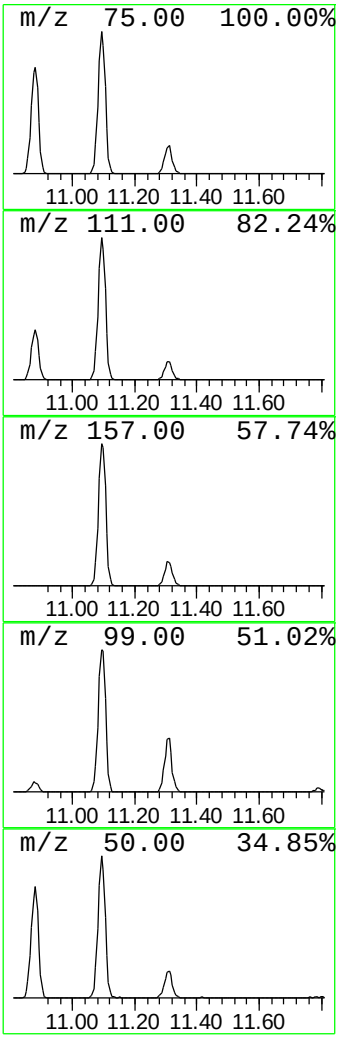
Peak Number 8 Benzene, 1-chloro-2-nitro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	4.02 ng/ul	380566	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-4-nitro-	157	C6H4ClNO2	000100-00-5	96
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94





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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08K5DL

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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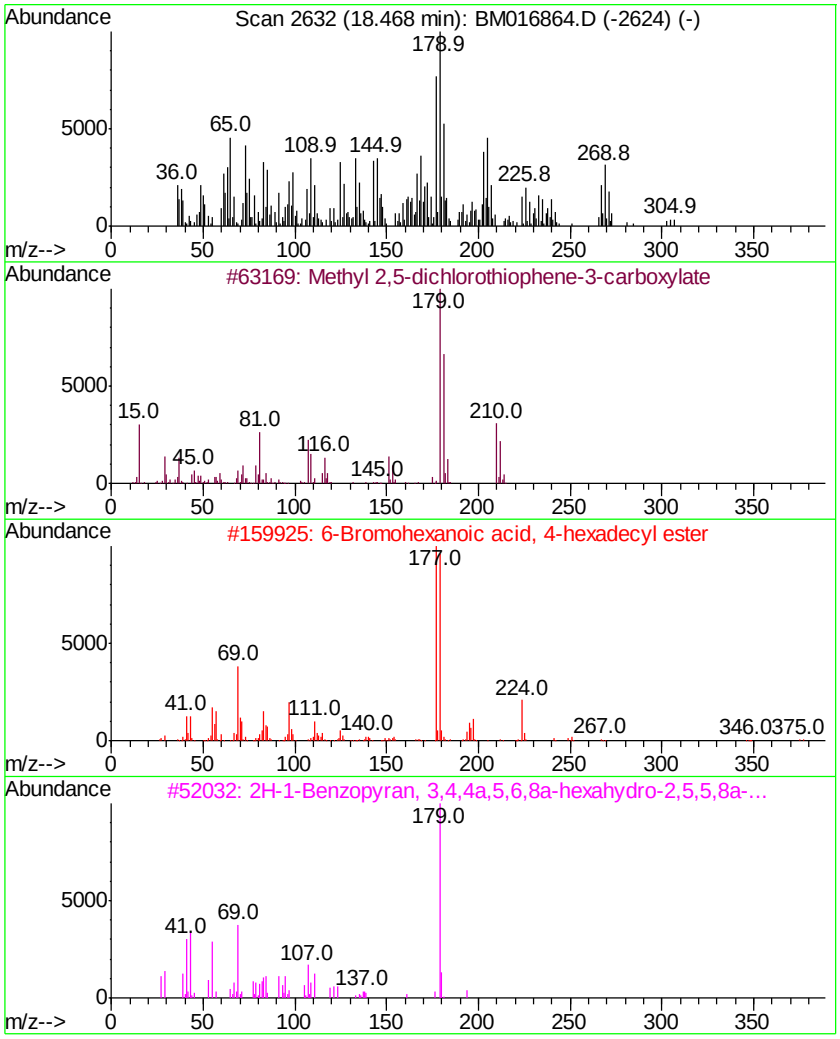
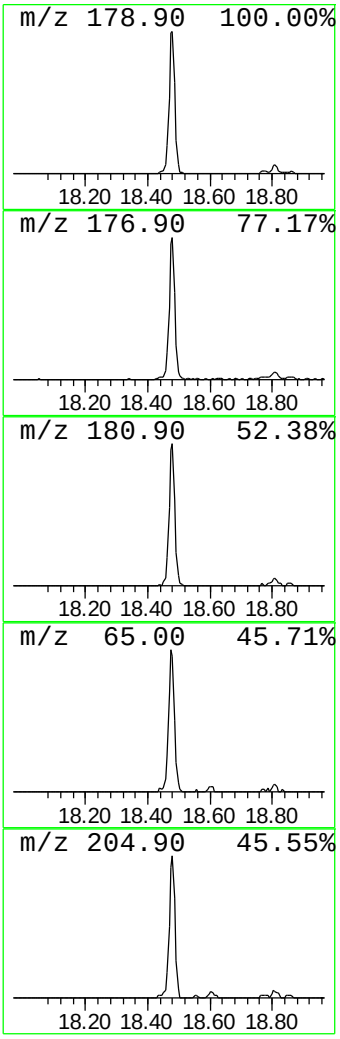
Peak Number 9 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	9.48 ng/ul	1267290	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2,5-dichlorothiophene-3-c...	210	C6H4Cl2O2S	145129-54-0	27
2	6-Bromohexanoic acid, 4-hexadecy...	418	C22H43BrO2	1000282-90-6	27
3	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	063335-66-0	25
4	2-Amino-4,6-dichlorophenol	177	C6H5Cl2NO	000527-62-8	25
5	2,4,6-Trifluoronitrobenzene	177	C6H2F3NO2	000315-14-0	18





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...	11.09	18.8	ng/ul	1778270	2	10.50	1892190	20.0
Benzene, 1-chloro...	11.31	4.0	ng/ul	380566	2	10.50	1892190	20.0
unknown-01	18.47	9.5	ng/ul	1267290	4	17.10	2673850	20.0