LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004647.D
Acq On : 16 Mar 2016 22:20
Operator : UM/SJ
Sample : H1783-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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\SOM02.2-EPA-BM031516.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	5.181	417	424	438	rBV	824800	1341793	8.65%	2.389%
2	7.175	757	763	772	rVB	257284	395399	2.55%	0.704%
3	7.375	791	797	807	rVB	254648	405738	2.62%	0.722%
4	7.734	851	858	871	rBV	2292715	3984900	25.68%	7.095%
5	7.886	871	884	892	rBV	4429406	8985993	57.92%	15.999%
6	8.198	929	937	948	rBV	2720401	4718453	30.41%	8.401%
7	8.539	989	995	1005	rBV	180862	289055	1.86%	0.515%
8	8.998	1066	1073	1083	rVB	293249	465732	3.00%	0.829%
9	9.333	1123	1130	1137	rBV	219747	351456	2.27%	0.626%
10	9.716	1189	1195	1201	rVV	224563	371421	2.39%	0.661%
11	9.780	1201	1206	1212	rVB	114523	181925	1.17%	0.324%
12	10.251	1279	1286	1294	rBV	351062	641057	4.13%	1.141%
13	10.522	1320	1332	1338	rBV	5932577	15515062	100.00%	27.623%
14	10.645	1346	1353	1361	rVB	359033	582786	3.76%	1.038%
15	11.022	1408	1417	1428	rBV	1568041	2701932	17.41%	4.811%
16	12.663	1685	1696	1705	rVB	231801	377249	2.43%	0.672%
17	13.268	1793	1799	1810	rBV	344173	537694	3.47%	0.957%
18	13.886	1897	1904	1913	rVB	688683	960064	6.19%	1.709%
19	14.168	1945	1952	1962	rBV	832393	1197069	7.72%	2.131%
20	14.474	1998	2004	2014	rVB2	490556	771823	4.97%	1.374%
21	15.468	2167	2173	2183	rBV	1075407	1550518	9.99%	2.761%
22	15.580	2187	2192	2201	rVB	271515	352024	2.27%	0.627%
23	17.221	2464	2471	2477	rBV	670711	952038	6.14%	1.695%
24	17.321	2481	2488	2497	rBV	1156843	1715295	11.06%	3.054%
25	19.609	2871	2877	2888	rBV	1489110	2092963	13.49%	3.726%
26	21.397	3176	3181	3192	rBV	949372	1263409	8.14%	2.249%
27	23.556	3540	3548	3562	rVV	1144257	2219488	14.31%	3.952%
28	23.703	3565	3573	3586	rVB2	634745	1244207	8.02%	2.215%

Sum of corrected areas: 56166543

LSC Report - Integrated Chromatogram

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Misc :
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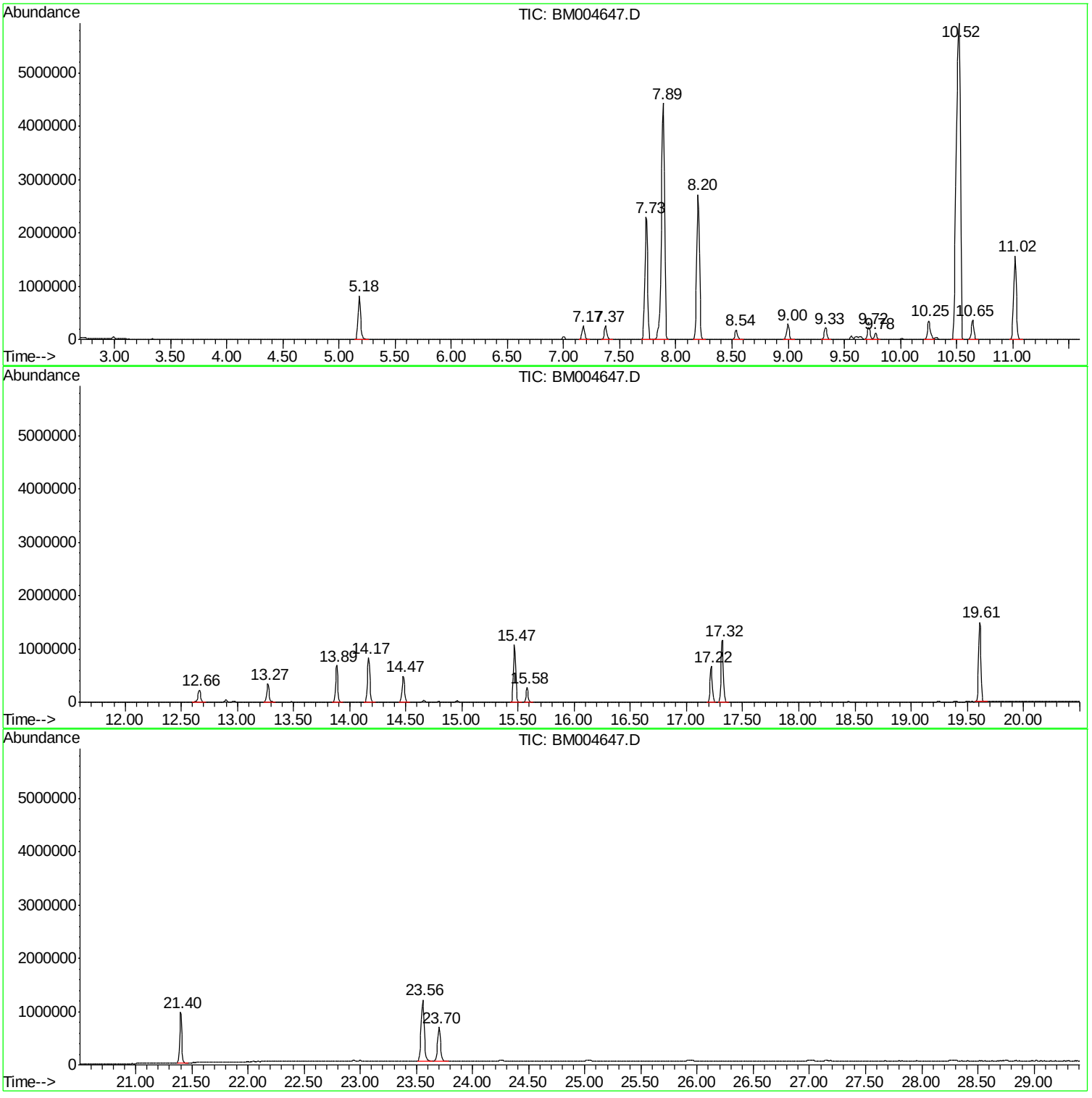
Instrument : BNA_M
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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



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ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

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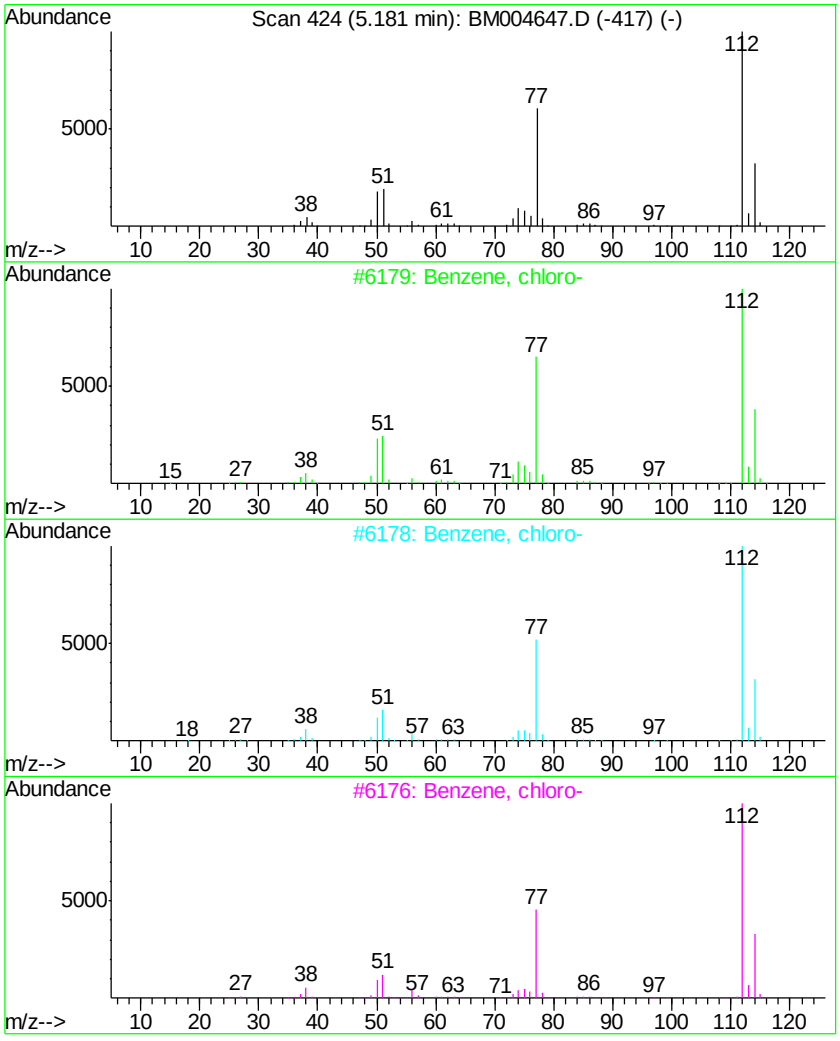
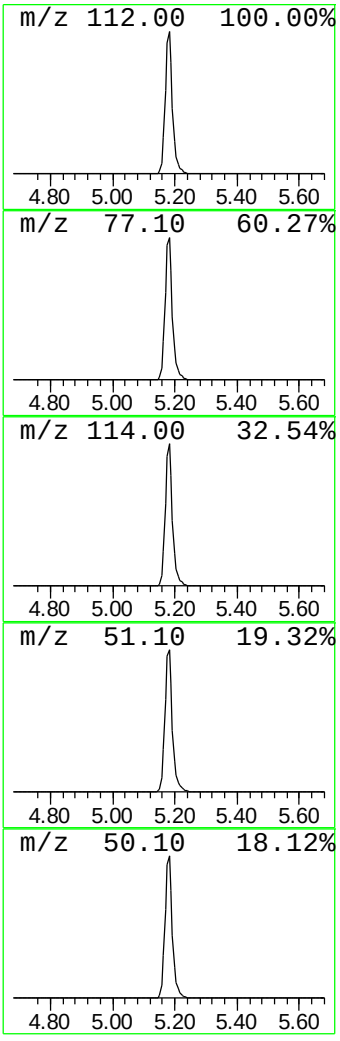
Peak Number 1 Benzene, chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	2.99 ng/ul	1341790	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004647.D
Acq On : 16 Mar 2016 22:20
Operator : UM/SJ
Sample : H1783-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

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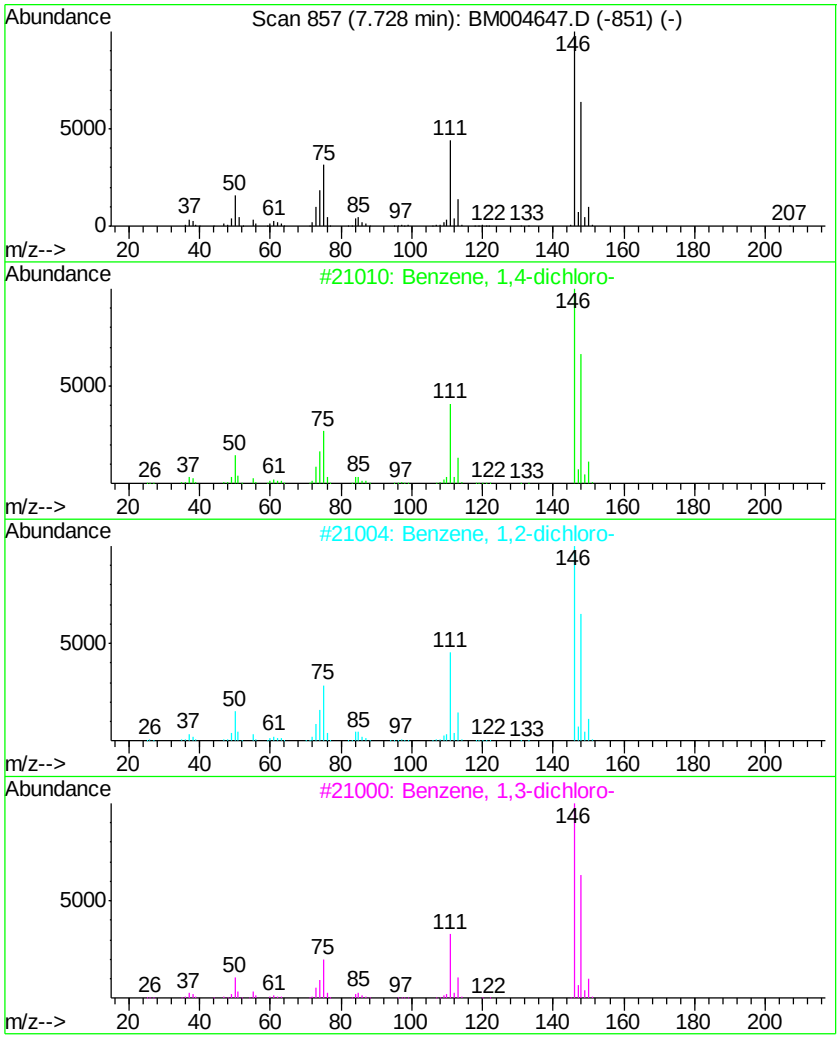
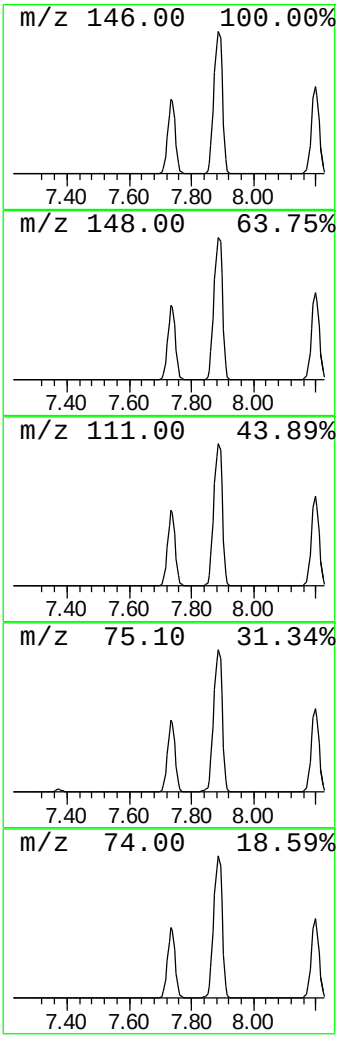
Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	8.87 ng/ul	3984900	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96





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Data File : BM004647.D
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Operator : UM/SJ
Sample : H1783-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

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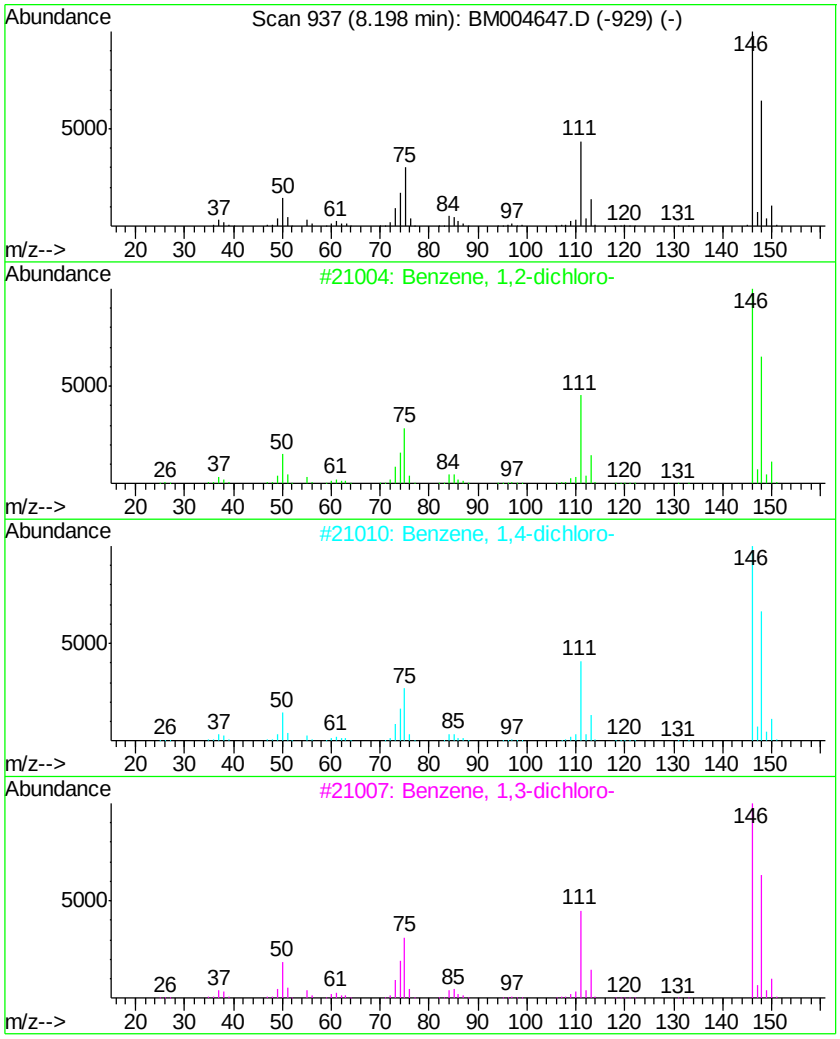
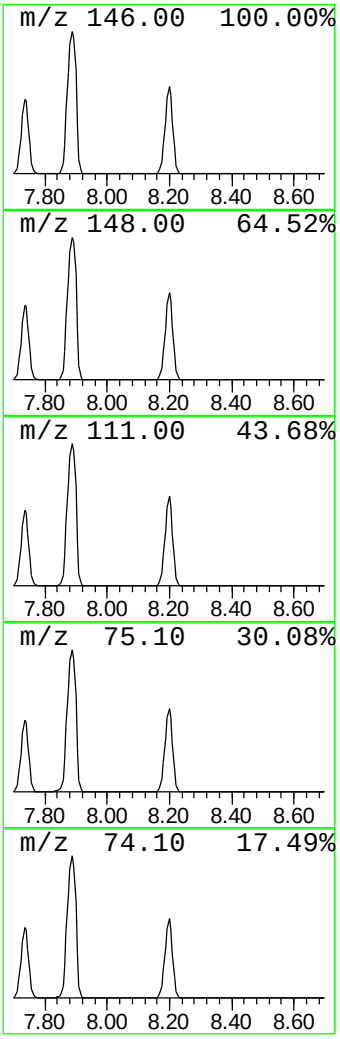
Peak Number 3 Benzene, 1,2-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	10.50 ng/ul	4718450	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
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Instrument : BNA_M
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

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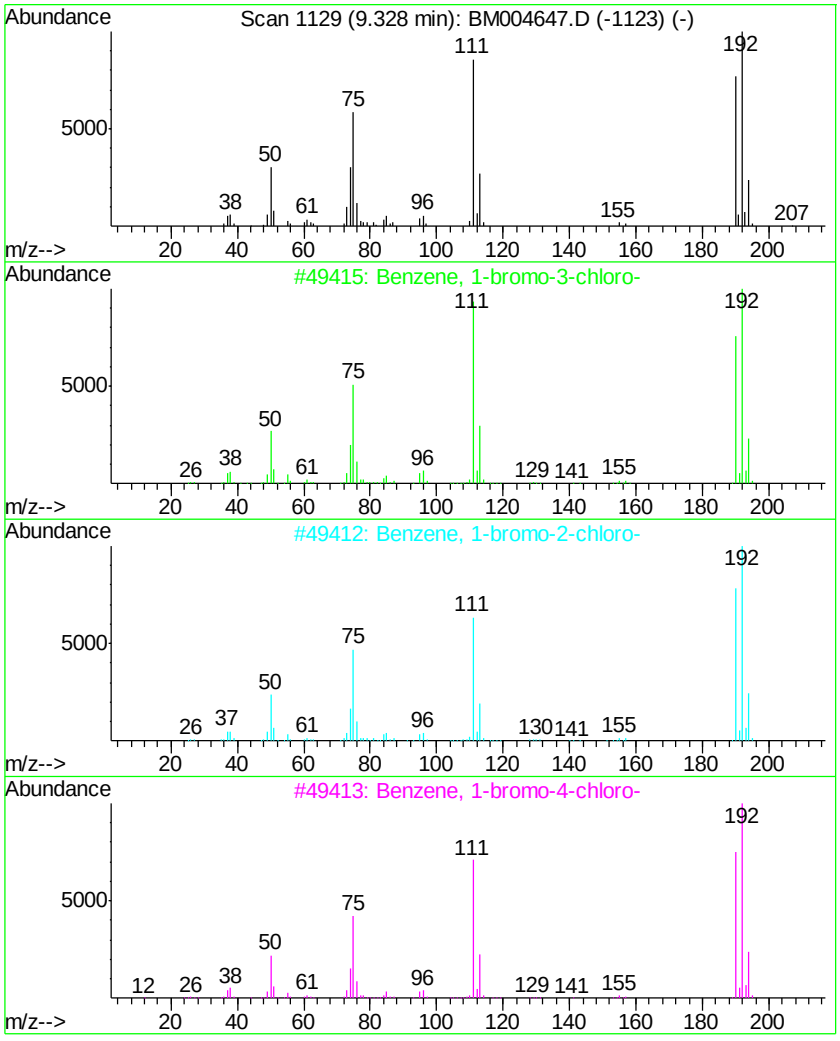
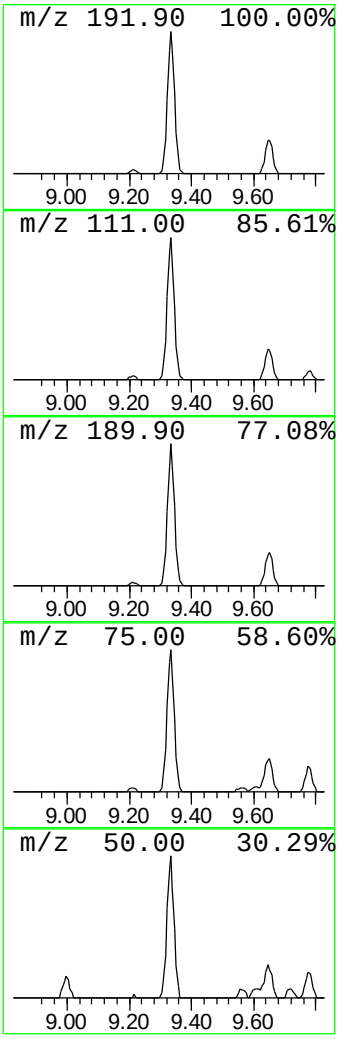
Peak Number 4 Benzene, 1-bromo-3-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	12.06 ng/ul	351456	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
4	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

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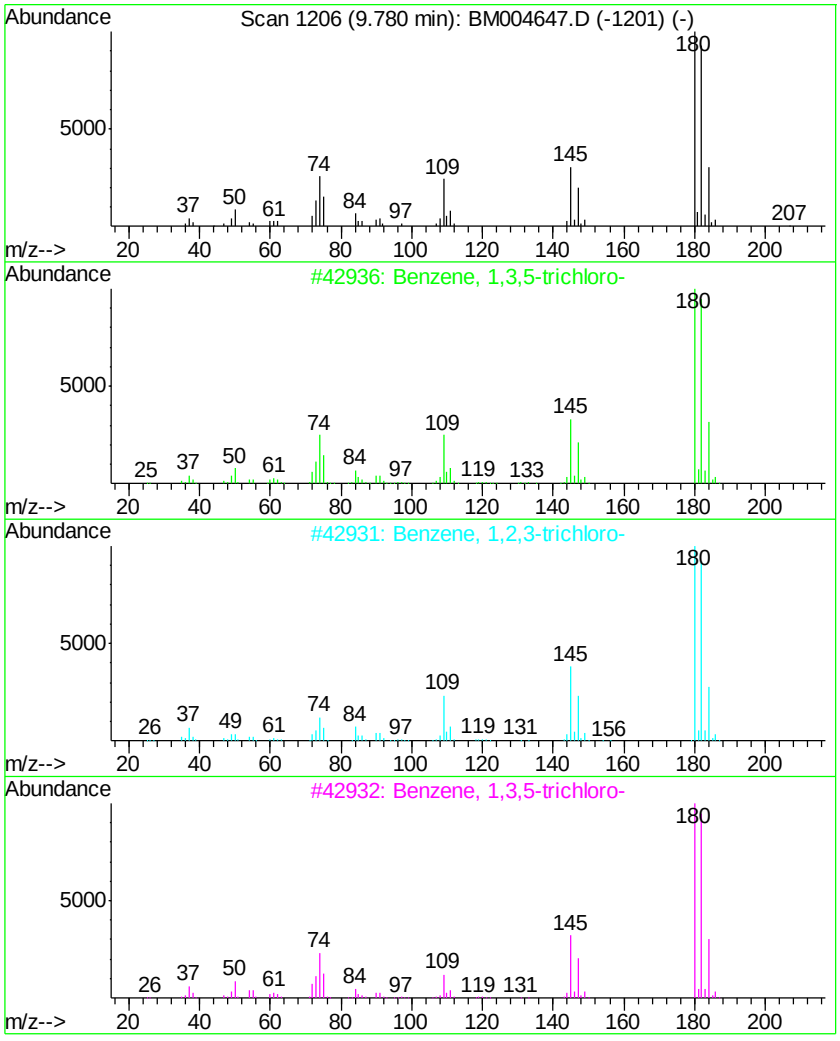
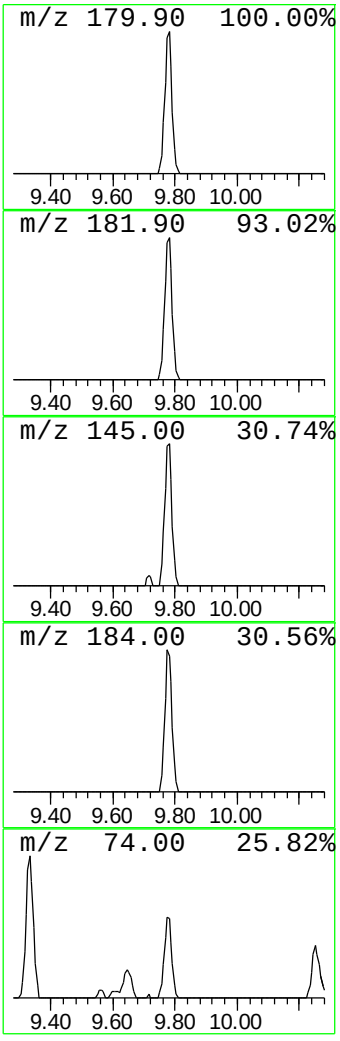
Peak Number 5 Benzene, 1,3,5-trichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	6.24 ng/ul	181925	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95





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ClientSampleId : C0AC4

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TIC Library : C:\DATABASE\NIST02.L
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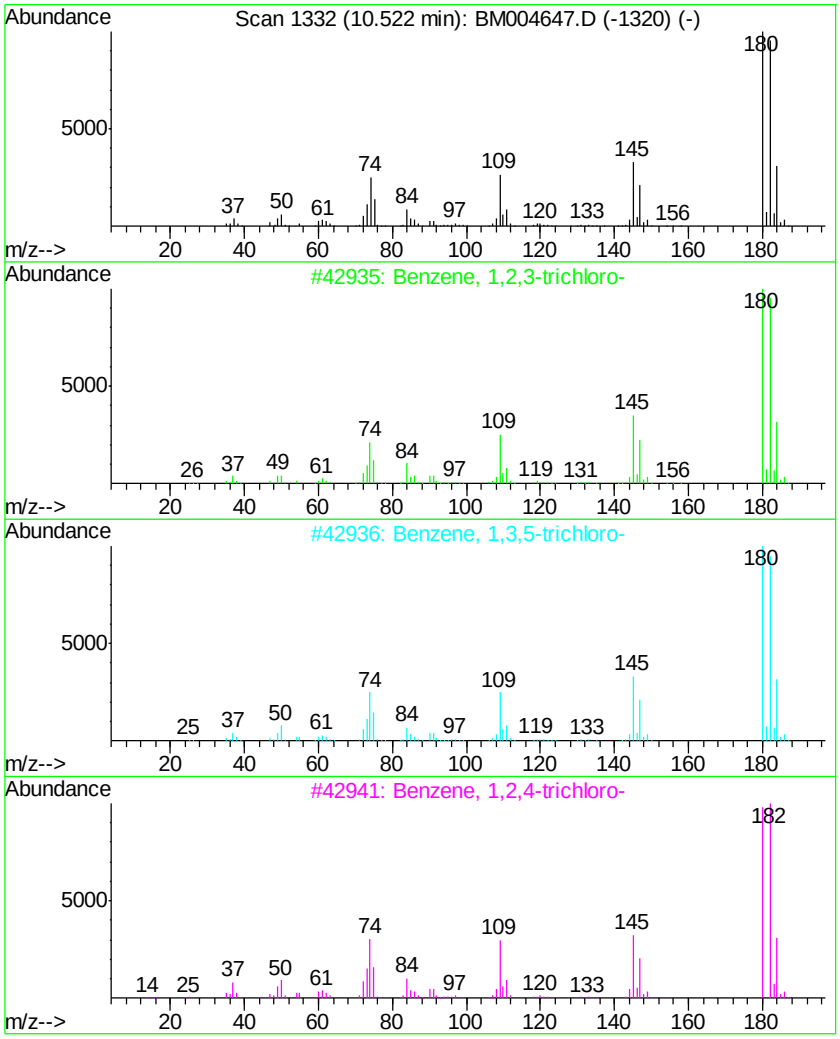
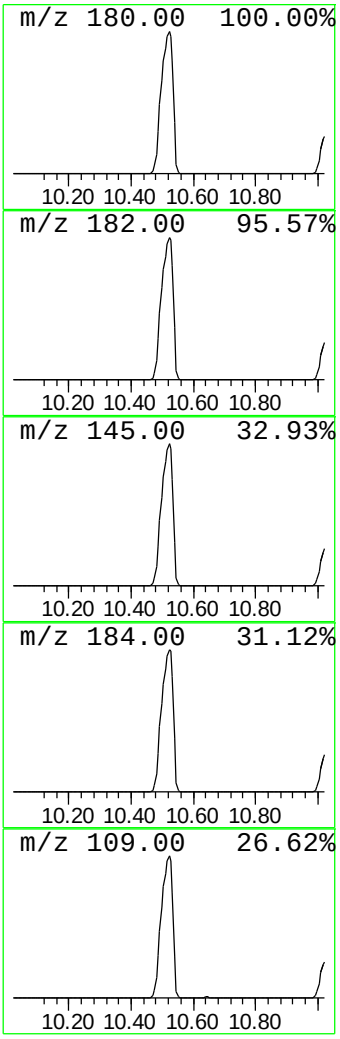
****

Peak Number 6 Benzene, 1,2,3-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	532.45 ng/ul	15515100	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	99
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97





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, chloro-	5.18	3.0	ng/ul	1341790	1	7.85	8985990	20.0
Benzene, 1,4-dich...	7.73	8.9	ng/ul	3984900	1	7.85	8985990	20.0
Benzene, 1,2-dich...	8.20	10.5	ng/ul	4718450	1	7.85	8985990	20.0
Benzene, 1-bromo-...	9.33	12.1	ng/ul	351456	2	10.65	582786	20.0
Benzene, 1,3,5-tr...	9.78	6.2	ng/ul	181925	2	10.65	582786	20.0
Benzene, 1,2,3-tr...	10.52	532.5	ng/ul	15515100	2	10.65	582786	20.0