LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004642.D
Acq On : 16 Mar 2016 18:41
Operator : UM/SJ
Sample : H1783-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA9

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	2.987	47	51	63	rVB	247740	321248	2.34%	0.476%
2	5.181	417	424	436	rBV	2872406	4602825	33.46%	6.821%
3	7.175	757	763	771	rVB	264213	409207	2.98%	0.606%
4	7.375	790	797	806	rVB	271583	428860	3.12%	0.636%
5	7.740	851	859	871	rBV	3396993	6149278	44.71%	9.113%
6	7.899	871	886	892	rBV	5430389	12570676	91.39%	18.630%
7	8.204	928	938	950	rBV	3927065	7423939	53.97%	11.002%
8	8.540	988	995	1006	rBV	202353	321977	2.34%	0.477%
9	8.999	1066	1073	1082	rVB	293116	472688	3.44%	0.701%
10	9.334	1124	1130	1136	rBV	92332	143482	1.04%	0.213%
11	9.716	1189	1195	1201	rVV	227733	373334	2.71%	0.553%
12	10.251	1279	1286	1294	rBV	359418	629310	4.58%	0.933%
13	10.522	1320	1332	1338	rBV	5638187	13754764	100.00%	20.385%
14	10.645	1346	1353	1360	rVB	343958	558160	4.06%	0.827%
15	11.028	1409	1418	1426	rBV	3080084	5795394	42.13%	8.589%
16	12.663	1692	1696	1702	rVB	213274	323400	2.35%	0.479%
17	13.275	1793	1800	1809	rVB	421220	665511	4.84%	0.986%
18	13.886	1897	1904	1910	rBV	676049	922554	6.71%	1.367%
19	14.169	1945	1952	1960	rBV	780475	1142318	8.30%	1.693%
20	14.475	1995	2004	2012	rBV2	451853	707609	5.14%	1.049%
21	15.469	2167	2173	2182	rBV	1033309	1458569	10.60%	2.162%
22	15.580	2186	2192	2199	rBV	237261	309666	2.25%	0.459%
23	17.222	2464	2471	2478	rBV	583450	814626	5.92%	1.207%
24	17.322	2481	2488	2496	rBV2	1039533	1538837	11.19%	2.281%
25	19.610	2871	2877	2888	rBV	1259827	1813355	13.18%	2.687%
26	21.404	3176	3182	3191	rBV	779846	1002258	7.29%	1.485%
27	23.556	3541	3548	3560	rVB	942559	1857493	13.50%	2.753%
28	23.703	3566	3573	3582	rVB	500990	964191	7.01%	1.429%

Sum of corrected areas: 67475529

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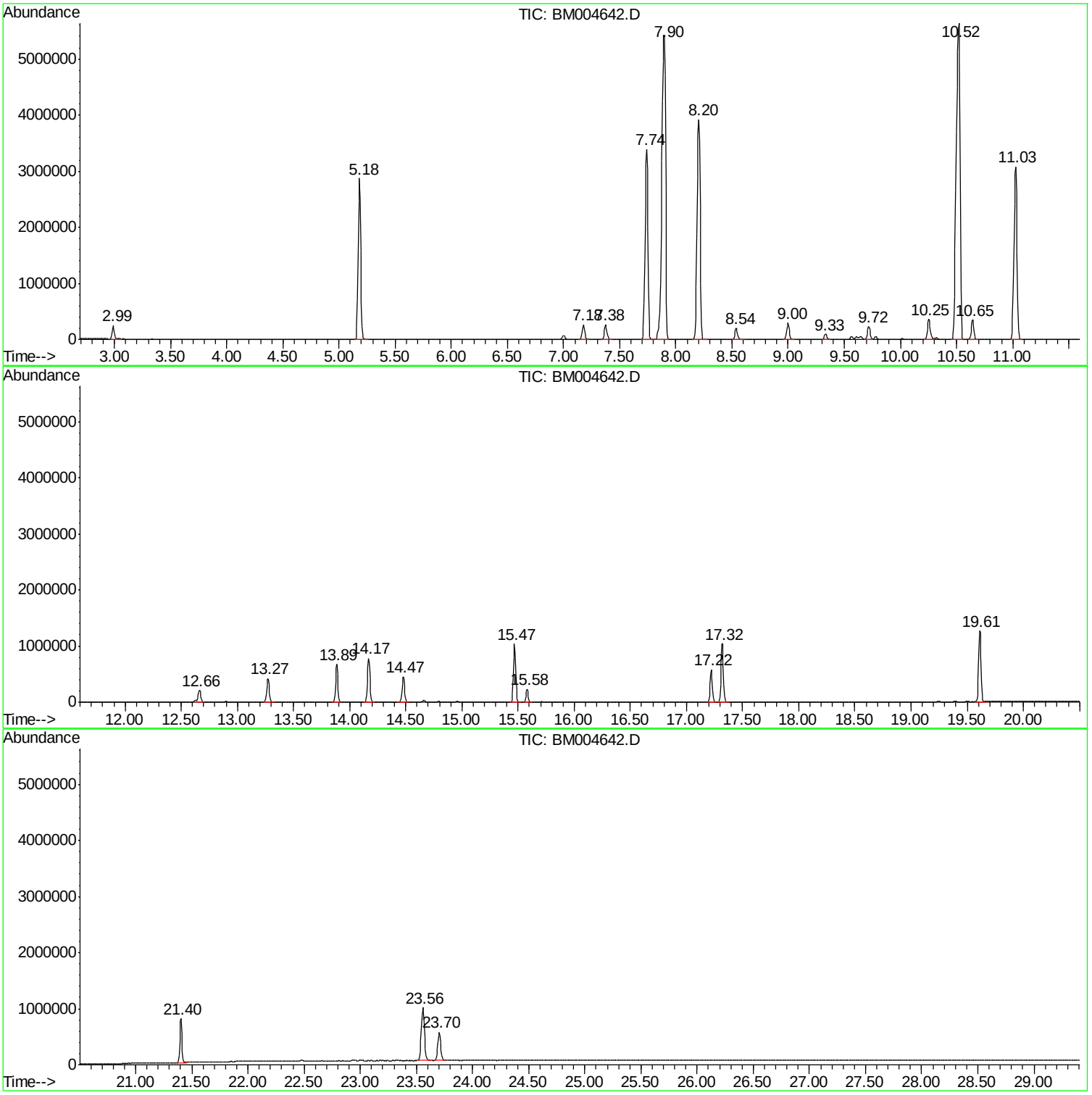
ClientSampleId :
C0AA9

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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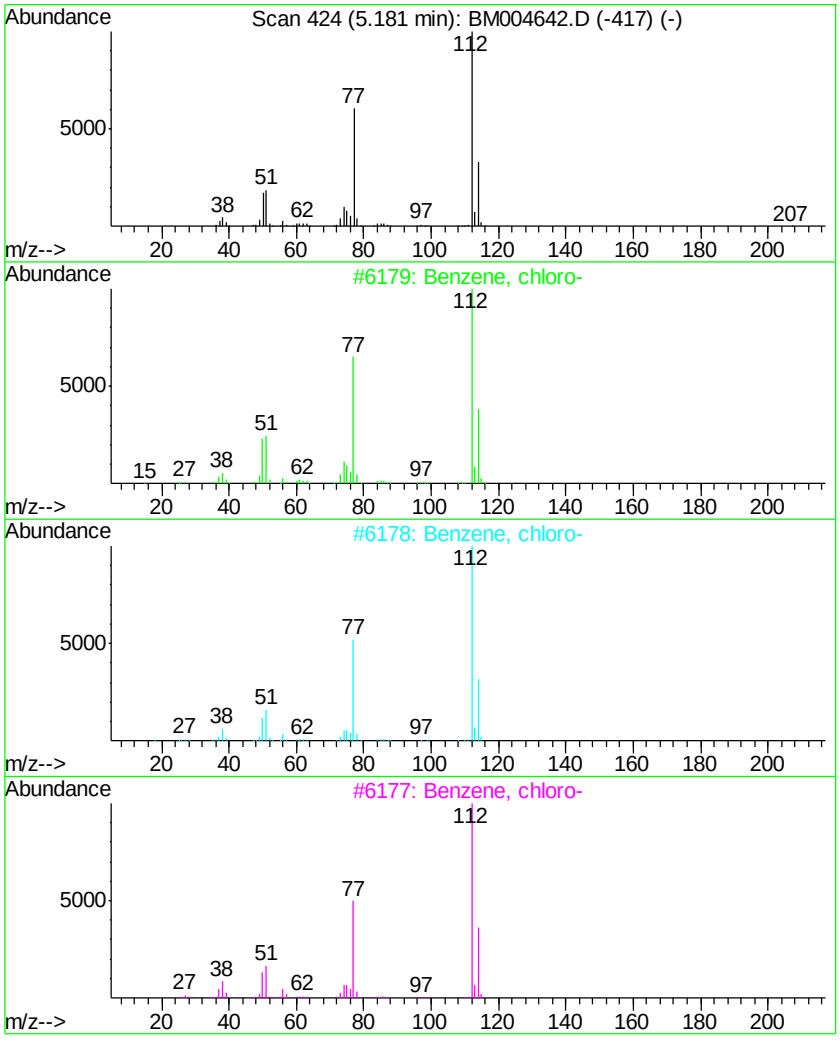
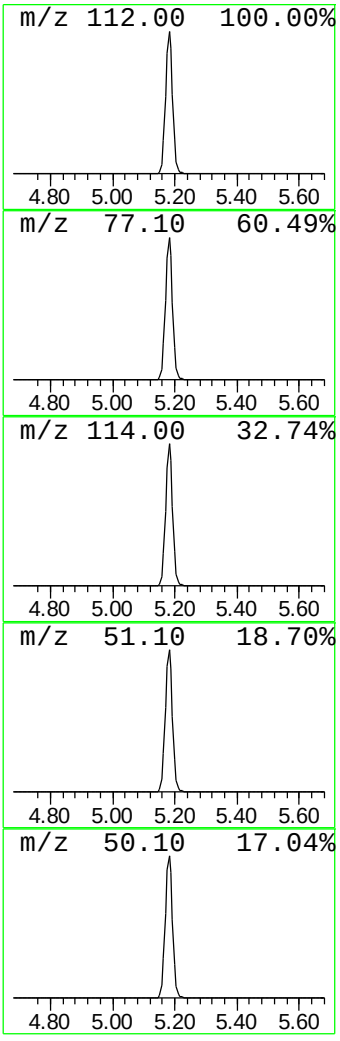
Peak Number 1 Benzene, chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	7.32 ng/ul	4602830	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	94
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	23





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Operator : UM/SJ
Sample : H1783-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA9

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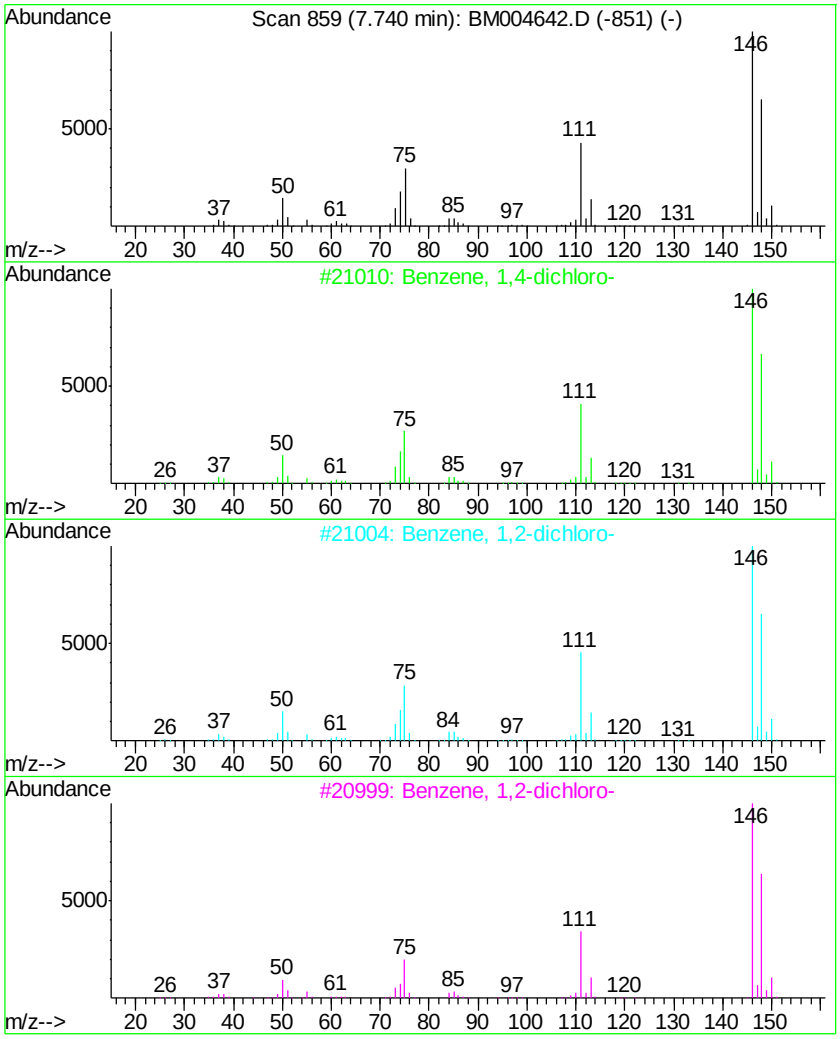
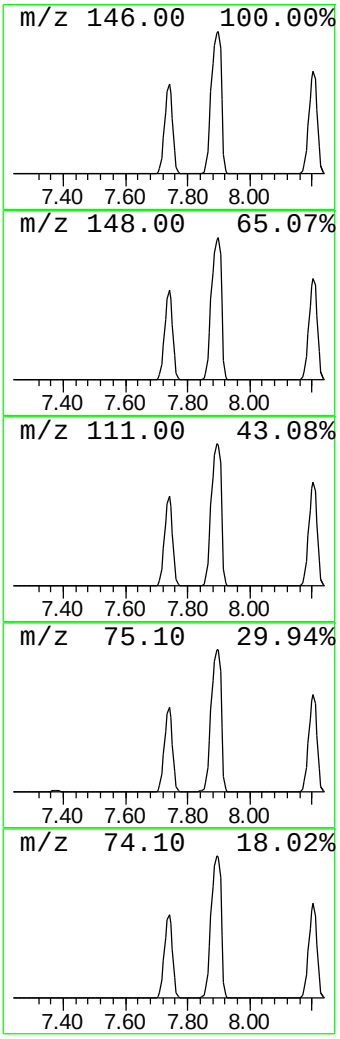
Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	9.78 ng/ul	6149280	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, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	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 : BM004642.D
Acq On : 16 Mar 2016 18:41
Operator : UM/SJ
Sample : H1783-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA9

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

TIC Library : C:\DATABASE\NIST02.L
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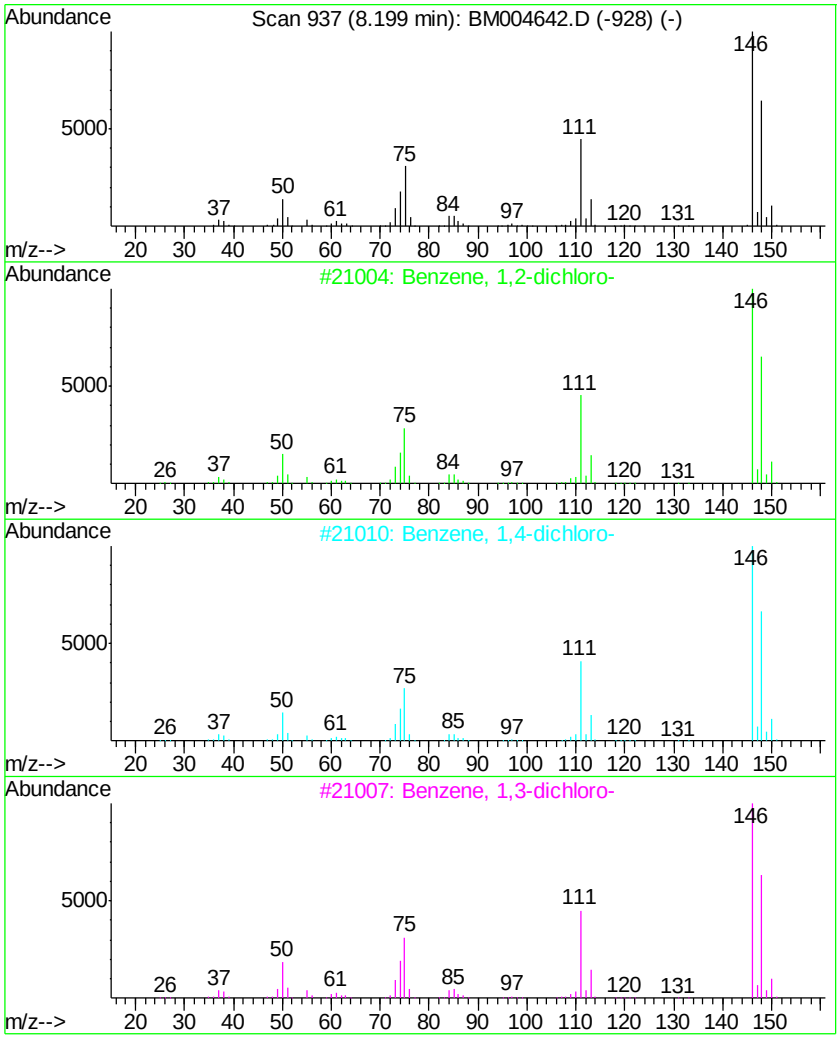
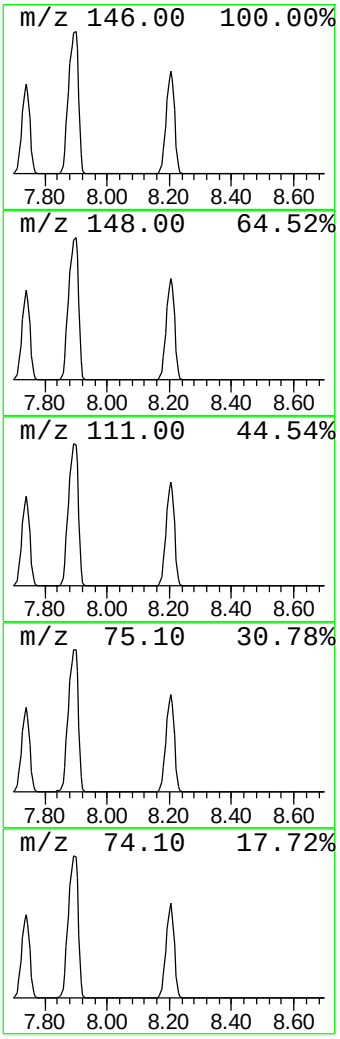
Peak Number 3 Benzene, 1,2-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	11.81 ng/ul	7423940	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





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA9

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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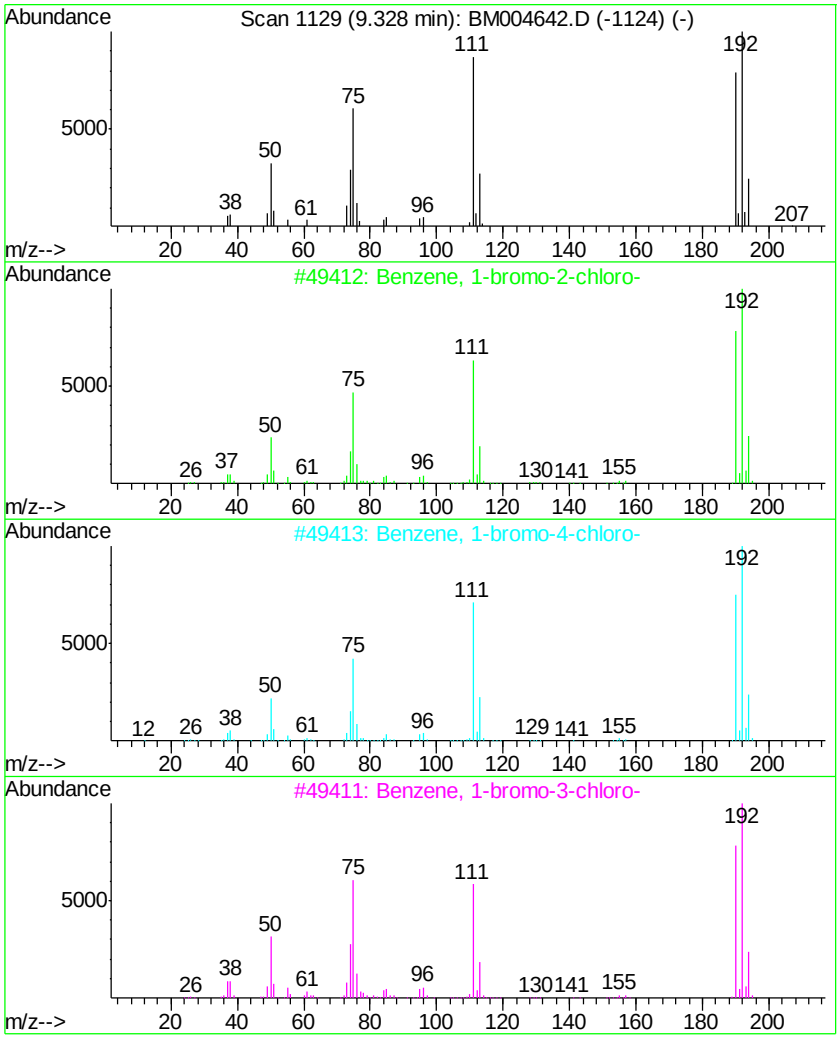
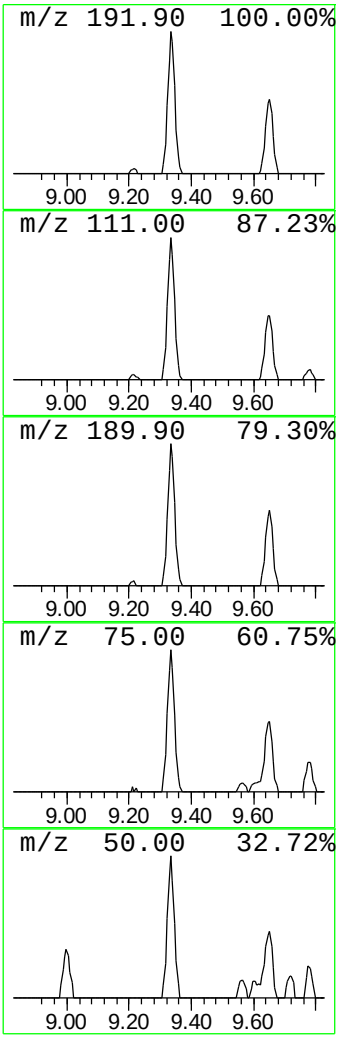
Peak Number 4 Benzene, 1-bromo-2-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	5.14 ng/ul	143482	Naphthalene-d8	10.65

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	97
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	94





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA9

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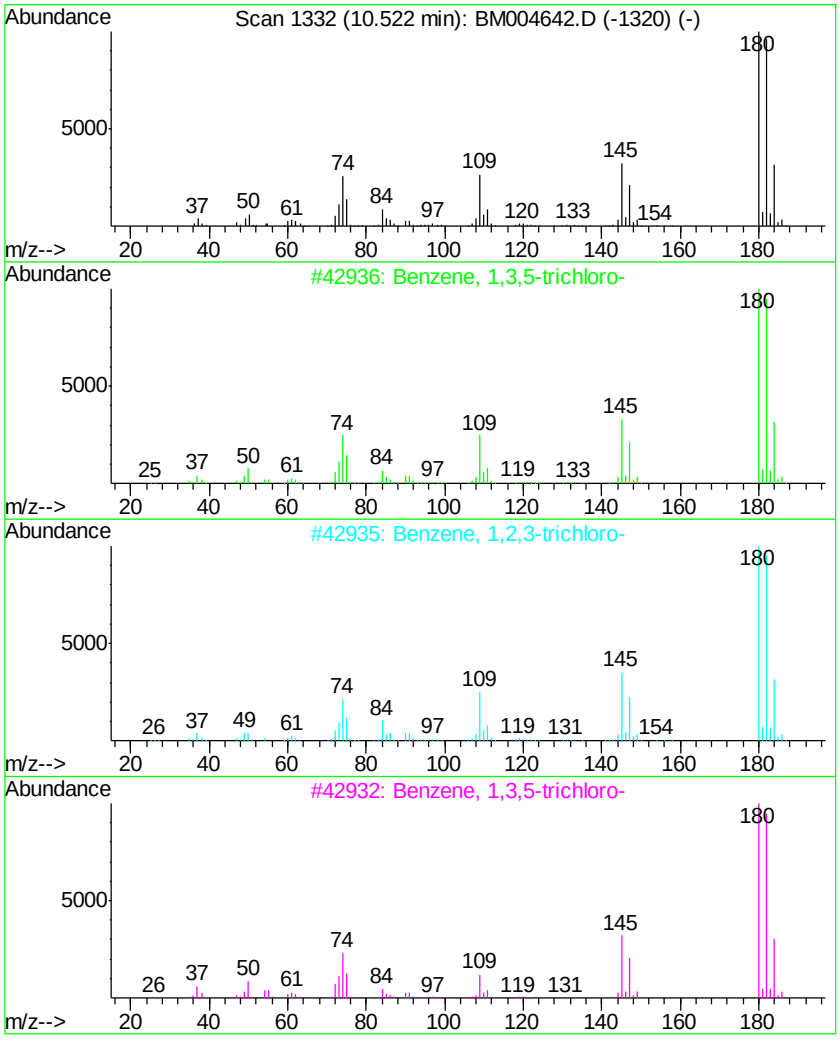
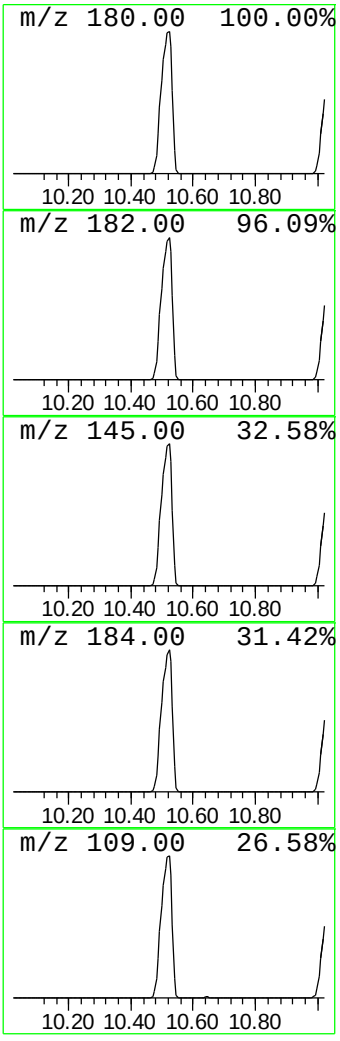
Peak Number 5 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	492.86 ng/ul	13754800	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, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96





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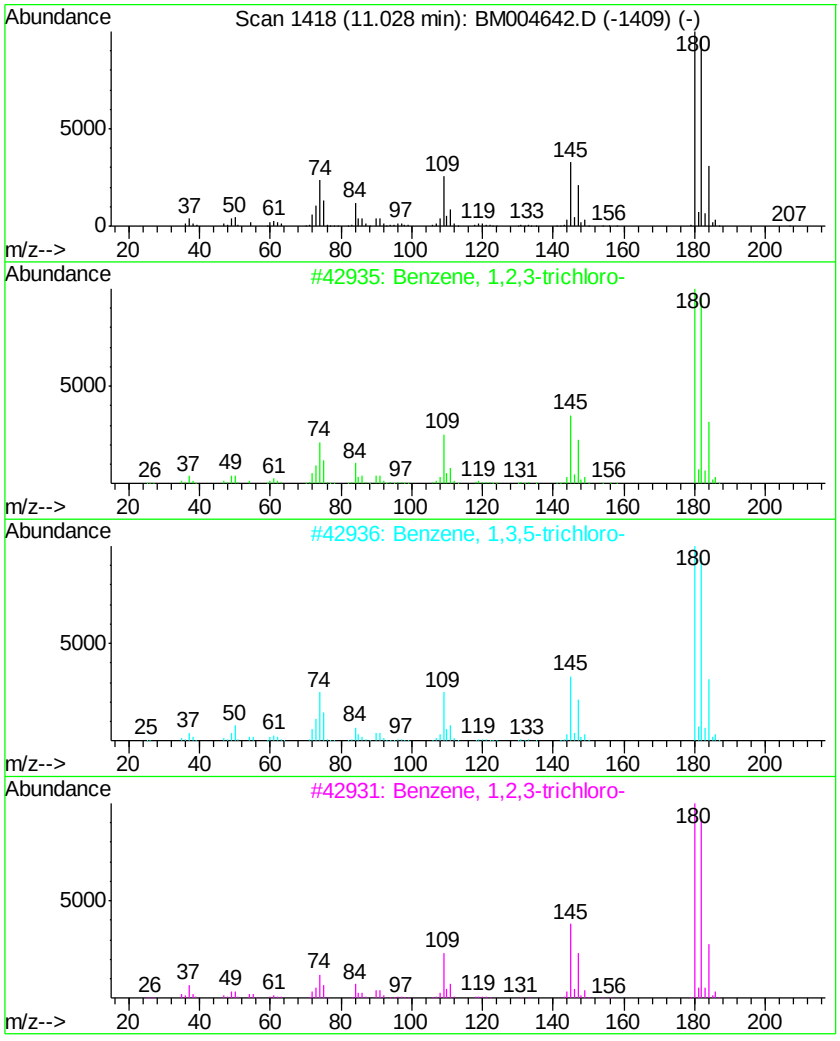
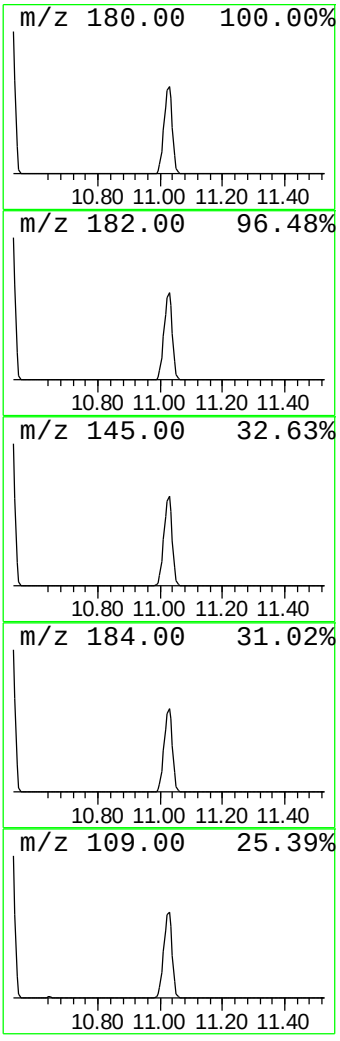
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	207.66 ng/ul	5795390	Naphthalene-d8	10.65

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





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	5.18	7.3	ng/ul	4602830	1	7.85	12570700	20.0
Benzene, 1,4-dich...	7.74	9.8	ng/ul	6149280	1	7.85	12570700	20.0
Benzene, 1,2-dich...	8.20	11.8	ng/ul	7423940	1	7.85	12570700	20.0
Benzene, 1-bromo-...	9.33	5.1	ng/ul	143482	2	10.65	558160	20.0
Benzene, 1,3,5-tr...	10.52	492.9	ng/ul	13754800	2	10.65	558160	20.0
Benzene, 1,2,3-tr...	11.03	207.7	ng/ul	5795390	2	10.65	558160	20.0