LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032017\
Data File : BM009293.D
Acq On : 20 Mar 2017 13:57
Operator : SJ/MA
Sample : I2303-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BH8

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\SOM-EPA-BM031317MA.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	5.199	352	359	373	rVB	5071627	8039705	36.93%	7.926%
2	7.204	694	700	709	rBV	407422	651503	2.99%	0.642%
3	7.398	728	733	742	rBV	392189	649512	2.98%	0.640%
4	7.763	786	795	804	rVB	1205159	1950164	8.96%	1.923%
5	7.875	804	814	816	rBV	447983	745146	3.42%	0.735%
6	7.910	816	820	829	rVB	2366428	3672209	16.87%	3.620%
7	8.228	866	874	883	rBV	13533358	21768229	100.00%	21.461%
8	8.569	926	932	940	rBV	322740	516913	2.37%	0.510%
9	9.040	1004	1012	1021	rBV	601923	995401	4.57%	0.981%
10	9.757	1127	1134	1141	rBV	482220	794079	3.65%	0.783%
11	10.287	1217	1224	1233	rBV	663677	1102487	5.06%	1.087%
12	10.539	1256	1267	1278	rBV	11354171	18622401	85.55%	18.360%
13	10.675	1282	1290	1300	rBV	659126	1129011	5.19%	1.113%
14	11.057	1347	1355	1363	rBV	3398035	5647583	25.94%	5.568%
15	12.698	1630	1634	1642	rVB2	282768	426795	1.96%	0.421%
16	13.310	1731	1738	1746	rBV	782082	1213380	5.57%	1.196%
17	13.922	1831	1842	1854	rBV	1398482	2006516	9.22%	1.978%
18	14.210	1883	1891	1900	rBV	1585721	2286487	10.50%	2.254%
19	14.516	1937	1943	1950	rBV2	1037464	1607223	7.38%	1.585%
20	15.510	2105	2112	2119	rBV	2140462	3083381	14.16%	3.040%
21	15.627	2126	2132	2142	rBV	732089	1056251	4.85%	1.041%
22	17.263	2404	2410	2419	rVB	1543522	2176357	10.00%	2.146%
23	17.363	2419	2427	2436	rBV	2593840	3718507	17.08%	3.666%
24	19.651	2810	2816	2826	rBV	3682677	4803373	22.07%	4.736%
25	21.433	3114	3119	3125	rBV	2737629	3439577	15.80%	3.391%
26	23.621	3483	3491	3499	rVB2	2973386	5700561	26.19%	5.620%
27	23.768	3509	3516	3526	rVB2	1894057	3628955	16.67%	3.578%

Sum of corrected areas: 101431706

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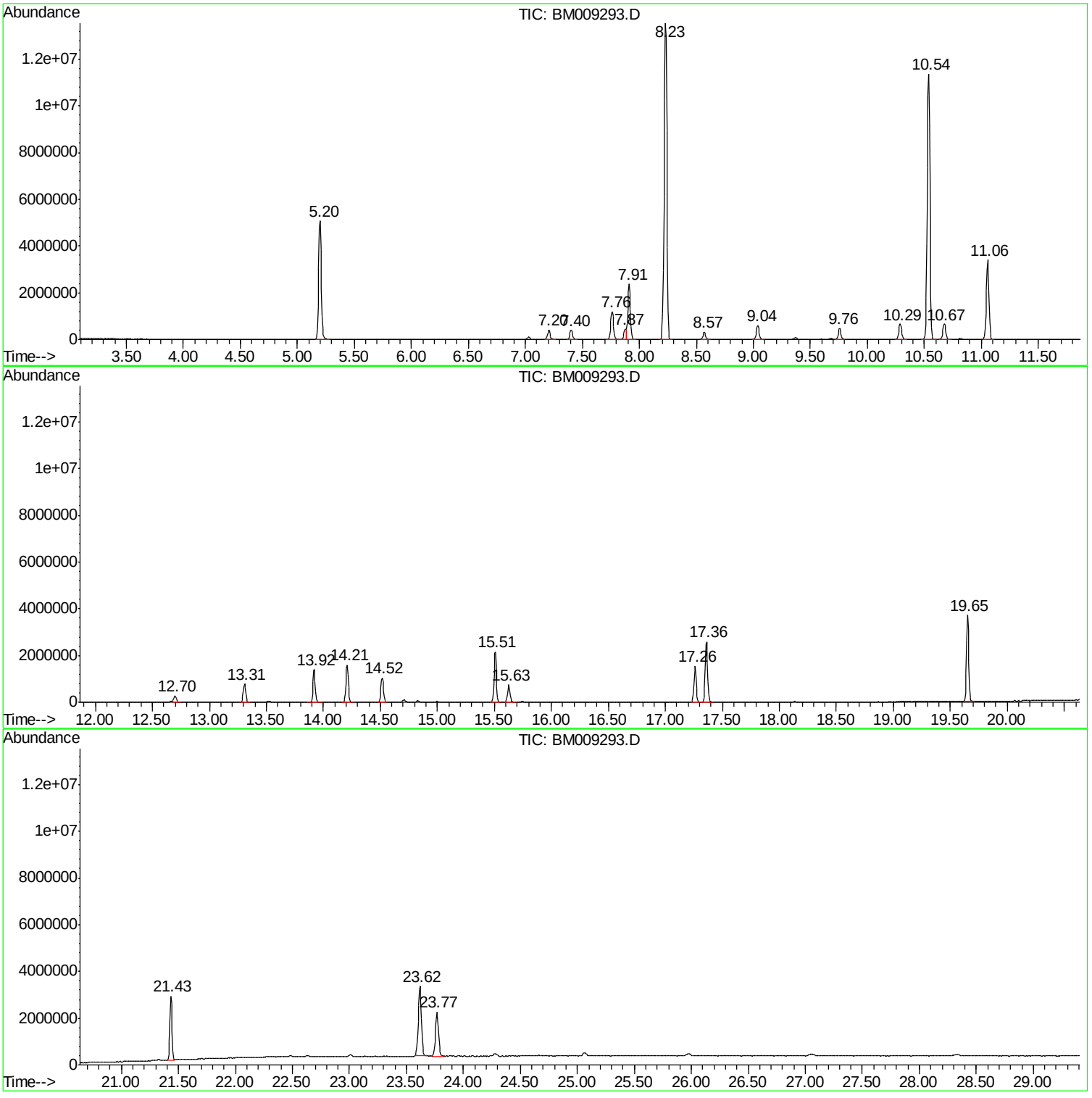
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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



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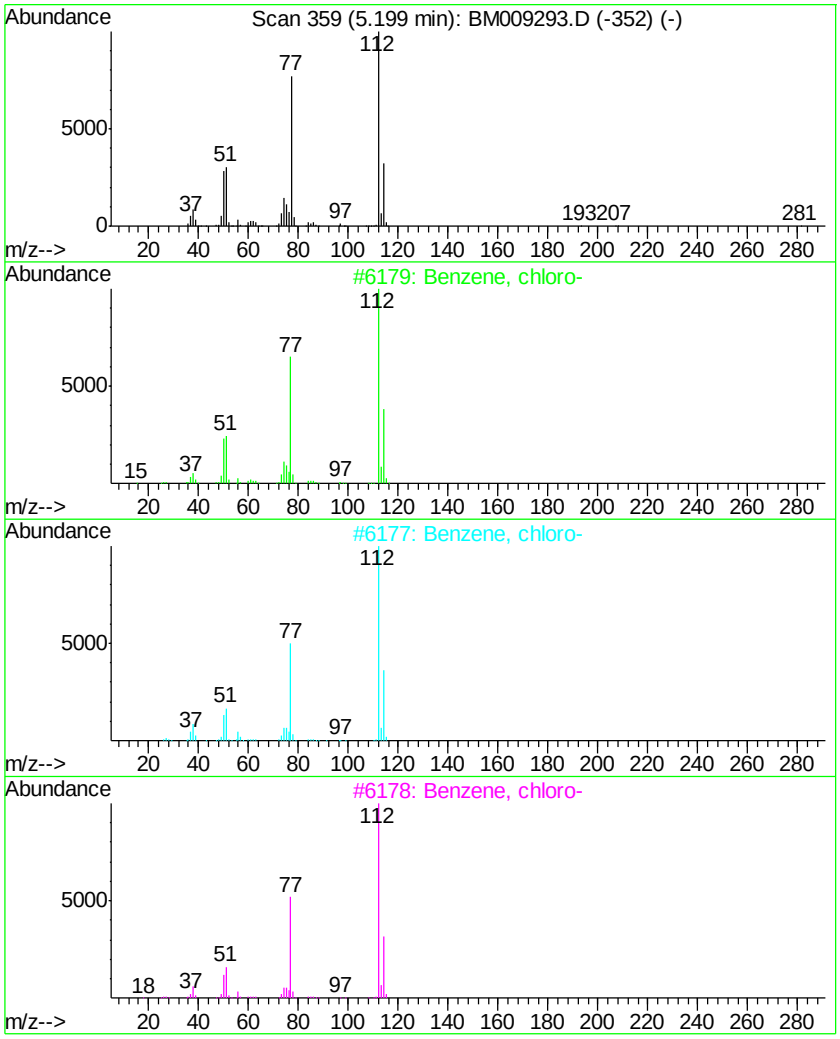
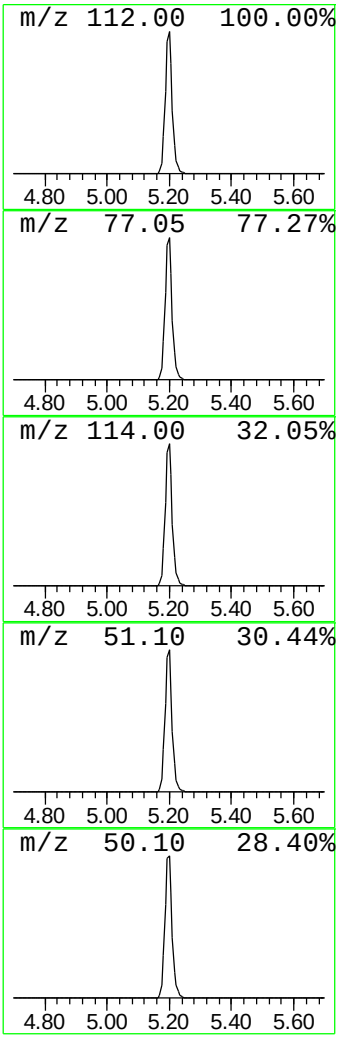
Peak Number 1 Benzene, chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	215.79 ng/ul	8039710	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	22





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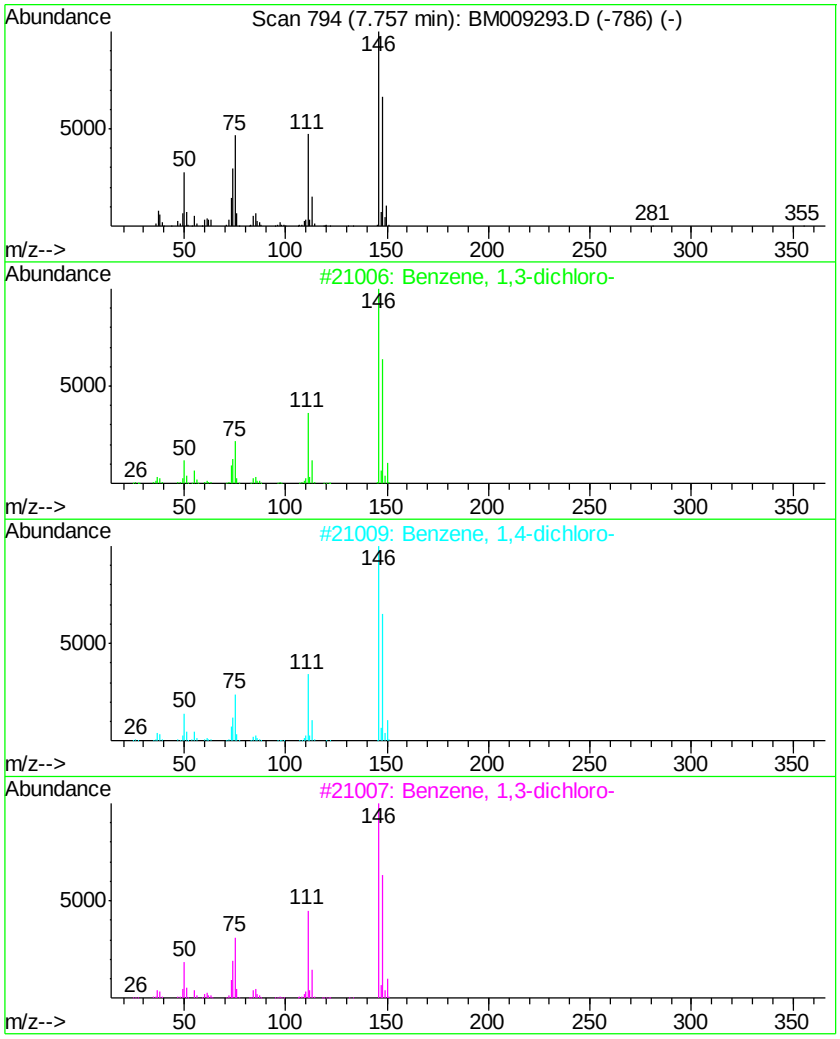
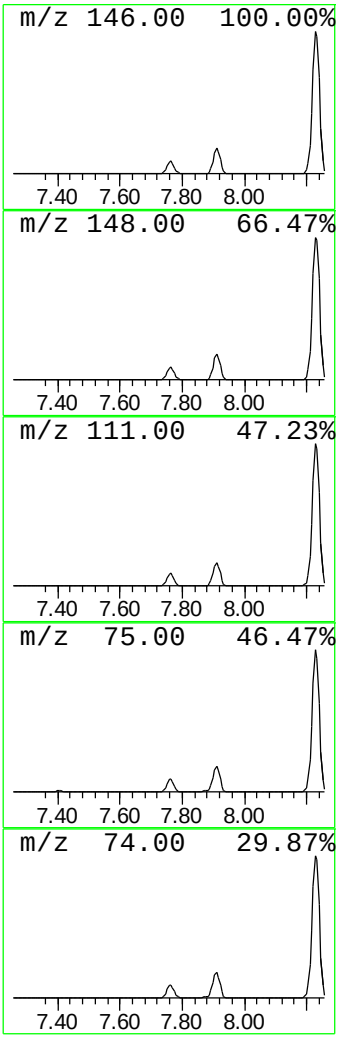
Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	52.34 ng/ul	1950160	1,4-Dichlorobenzene-d4	7.87

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





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ClientSampleId : C0BH8

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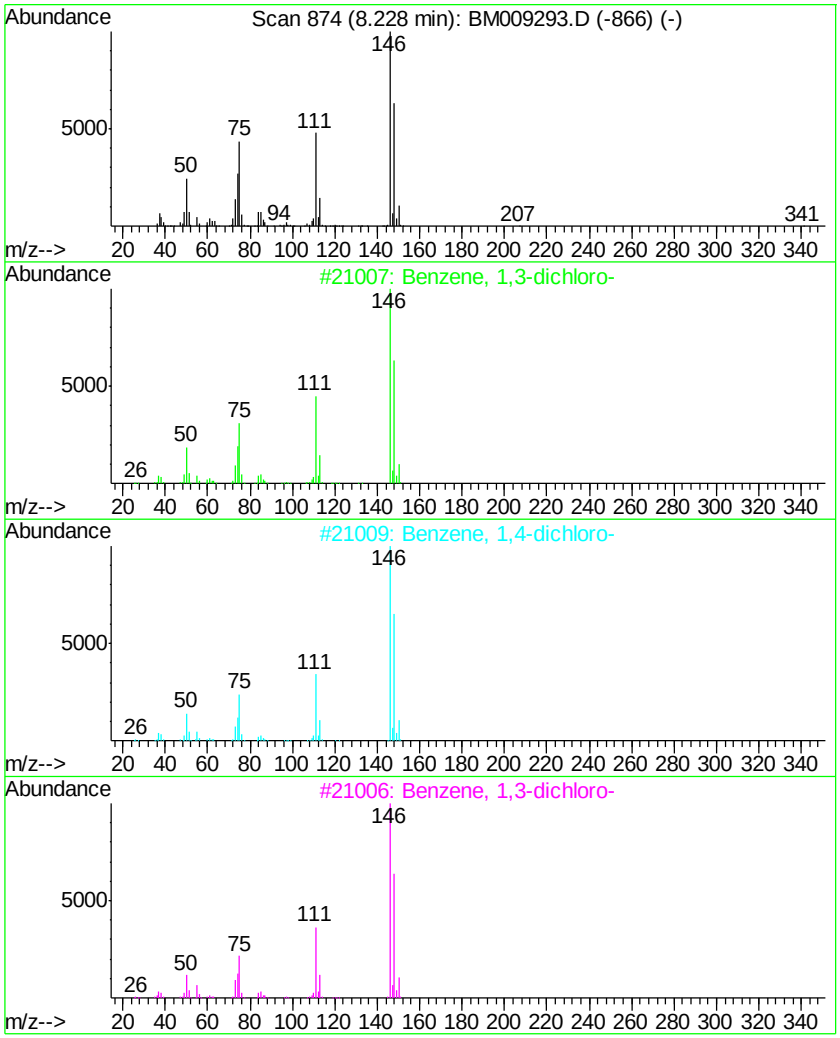
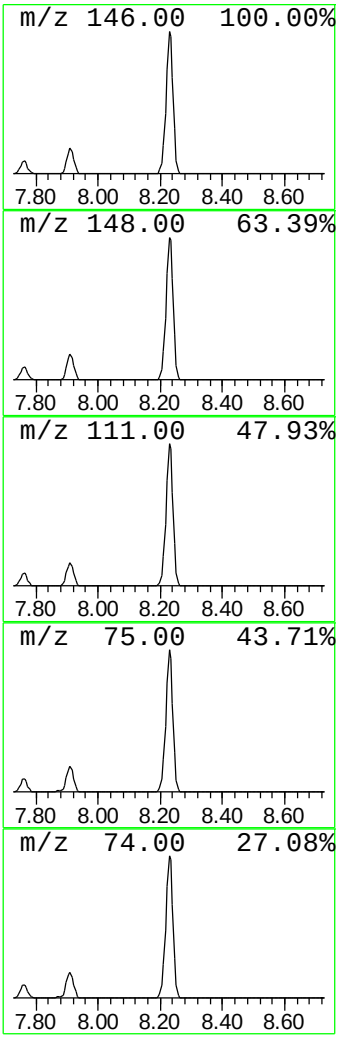
Peak Number 3 Benzene, 1,4-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	584.27 ng/ul	21768200	1,4-Dichlorobenzene-d4	7.87

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





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031317MA.M
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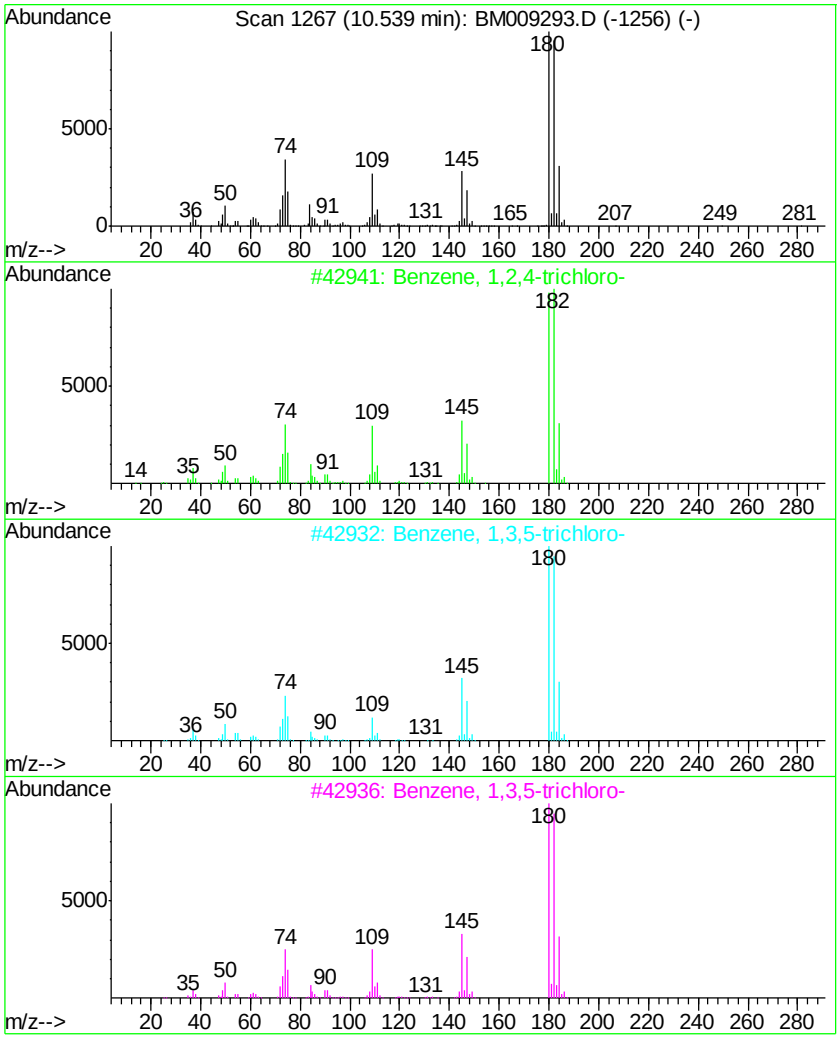
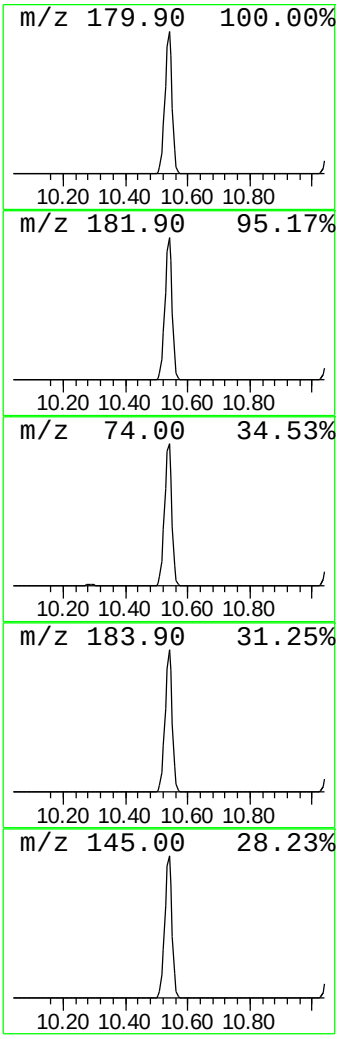
Peak Number 4 Benzene, 1,2,4-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	329.89 ng/ul	18622400	Naphthalene-d8	10.67

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





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Quant Title : SVOA CALIBRATION

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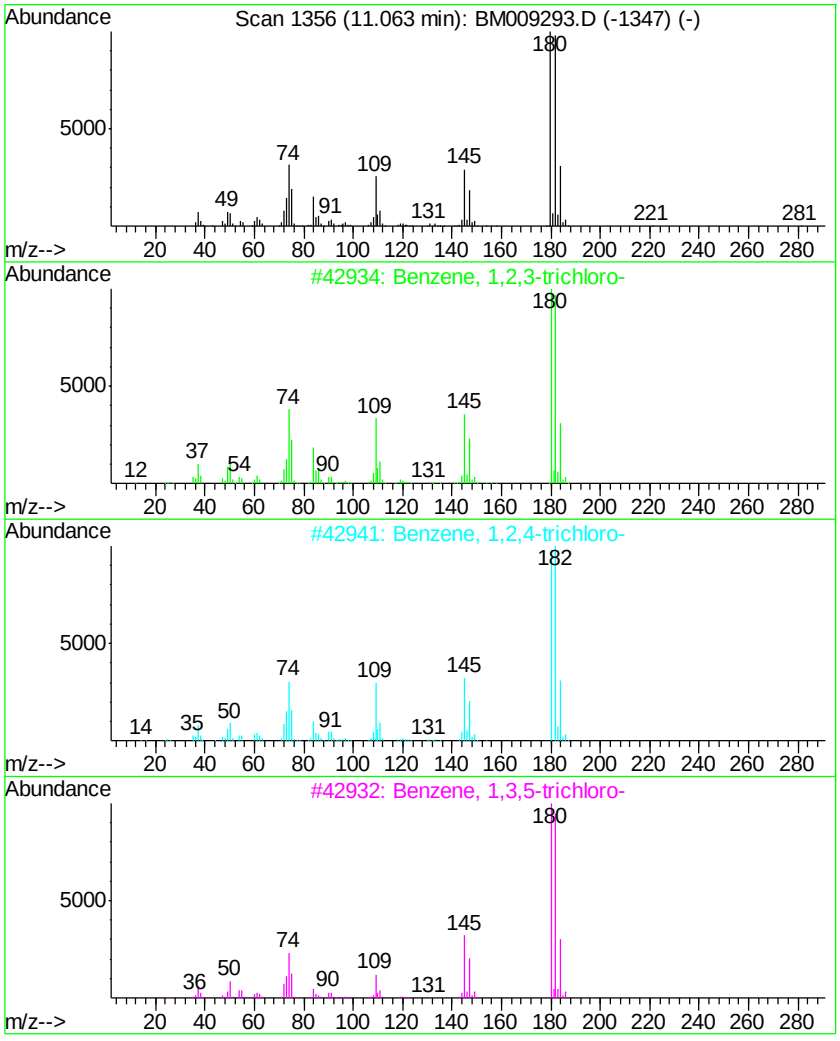
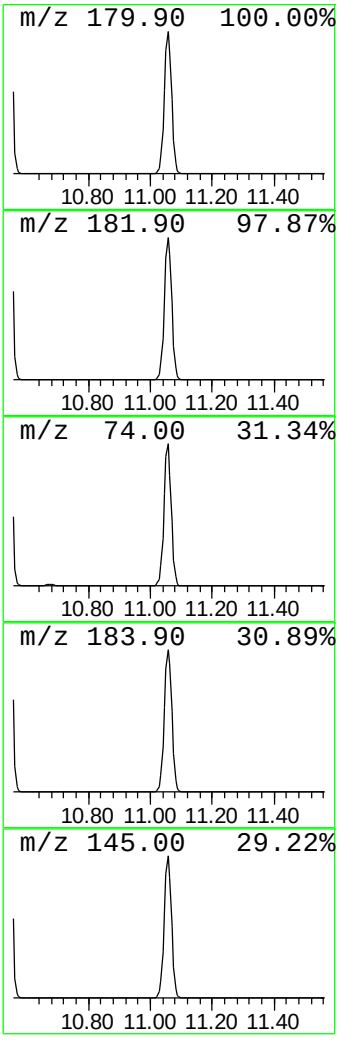
Peak Number 5 Benzene, 1,2,3-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	100.05 ng/ul	5647580	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	99
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
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-	5.20	215.8	ng/ul	8039710	1	7.87	745146	20.0
Benzene, 1,3-dich...	7.76	52.3	ng/ul	1950160	1	7.87	745146	20.0
Benzene, 1,4-dich...	8.23	584.3	ng/ul	21768200	1	7.87	745146	20.0
Benzene, 1,2,4-tr...	10.54	329.9	ng/ul	18622400	2	10.67	1129010	20.0
Benzene, 1,2,3-tr...	11.06	100.1	ng/ul	5647580	2	10.67	1129010	20.0