LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG032917\
Data File : BG026494.D
Acq On : 30 Mar 2017 2:38
Operator : SJ/MA
Sample : I2391-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL6

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_G\METHODS\SOM-EPA-BG032717MA.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	3.111	3	4	24	rVB	1216893	1751163	30.81%	2.915%
2	5.355	378	386	407	rBV	3300064	5684509	100.00%	9.463%
3	7.206	693	701	711	rBV	113098	228432	4.02%	0.380%
4	7.365	721	728	741	rBV	527467	890303	15.66%	1.482%
5	7.576	756	764	779	rBV	505473	890967	15.67%	1.483%
6	7.934	816	825	836	rVB	140775	240311	4.23%	0.400%
7	8.040	836	843	845	rBV	582926	905960	15.94%	1.508%
8	8.075	845	849	863	rVB	1499436	2612313	45.95%	4.349%
9	8.393	892	903	915	rBV	1208355	2160796	38.01%	3.597%
10	8.739	954	962	977	rBV	308142	570686	10.04%	0.950%
11	9.198	1032	1040	1057	rBV	553056	1073508	18.88%	1.787%
12	9.920	1156	1163	1177	rBV	482399	876172	15.41%	1.459%
13	10.461	1246	1255	1269	rBV	697757	1322441	23.26%	2.201%
14	10.708	1289	1297	1303	rBV	190023	344244	6.06%	0.573%
15	10.843	1312	1320	1328	rBV	782865	1427178	25.11%	2.376%
16	10.984	1336	1344	1352	rBV	37443	77928	1.37%	0.130%
17	11.660	1452	1459	1466	rBV2	41383	78901	1.39%	0.131%
18	13.457	1758	1765	1773	rVB3	60308	105513	1.86%	0.176%
19	14.045	1859	1865	1873	rBV	1578708	2317432	40.77%	3.858%
20	14.339	1908	1915	1924	rBV	1882422	3002277	52.82%	4.998%
21	14.644	1956	1967	1981	rBV2	1232398	2026416	35.65%	3.373%
22	14.844	1996	2001	2013	rBV2	73050	176437	3.10%	0.294%
23	15.631	2127	2135	2148	rBV	2670401	4184033	73.60%	6.965%
24	15.749	2148	2155	2168	rVV	777504	1175086	20.67%	1.956%
25	17.382	2426	2433	2442	rBV	1603623	2543982	44.75%	4.235%
26	17.476	2442	2449	2461	rVV	2835690	4376664	76.99%	7.286%
27	18.340	2591	2596	2602	rVB2	41993	61772	1.09%	0.103%
28	19.644	2813	2818	2826	rVB	33928	57903	1.02%	0.096%
29	19.756	2830	2837	2846	rBV	3809297	5504489	96.83%	9.163%
30	21.624	3148	3155	3165	rBV	2058543	3364464	59.19%	5.601%
31	23.081	3396	3403	3408	rVB5	34674	72885	1.28%	0.121%
32	23.869	3529	3537	3544	rBV5	50158	118280	2.08%	0.197%
33	24.586	3647	3659	3678	rBV3	2021964	5651333	99.42%	9.408%
34	24.803	3685	3696	3710	rVB	1329330	3584637	63.06%	5.967%

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Misc   :
ALS Vial : 17   Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BL6

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_G\METHODS\SOM-EPA-BG032717MA.M
Title   : SVOA CALIBRATION

35	25.908	3875	3884	3894	rBV3	67012	189602	3.34%	0.316%
36	27.235	4101	4110	4124	rVB2	67533	223593	3.93%	0.372%
37	28.839	4376	4383	4393	rVB6	40818	137091	2.41%	0.228%
38	30.767	4703	4711	4713	rBV9	24127	61745	1.09%	0.103%

Sum of corrected areas: 60071446

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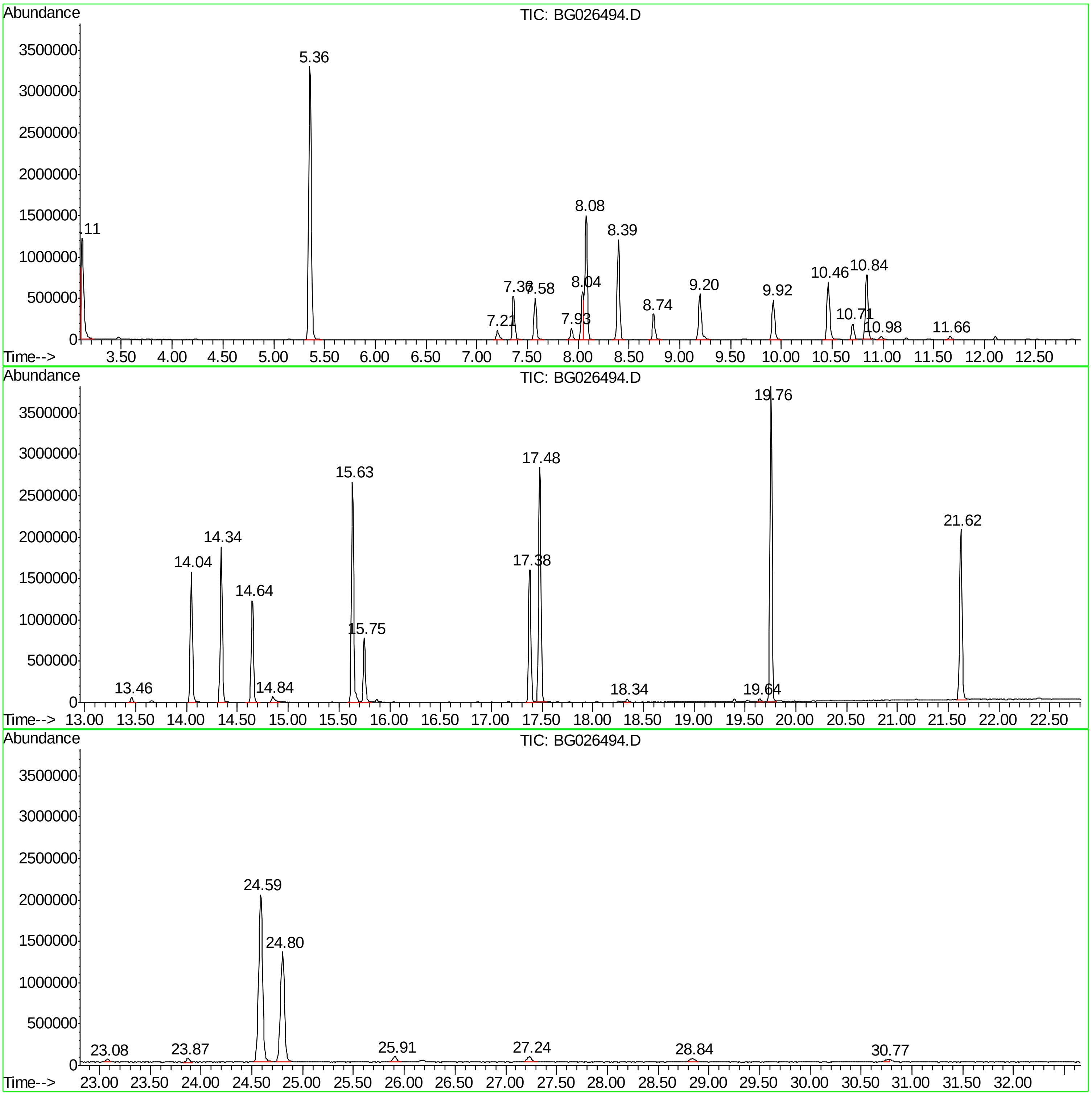
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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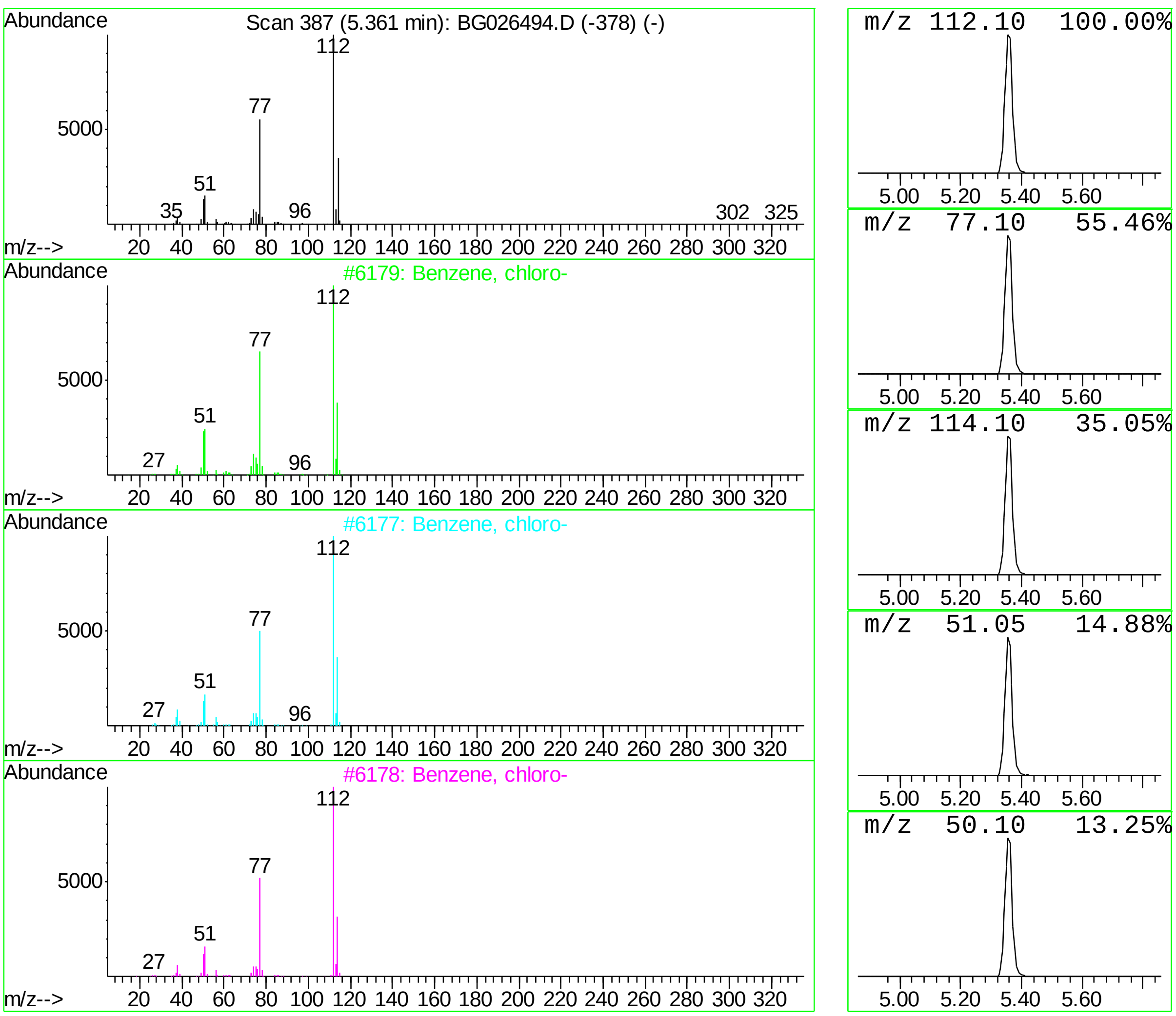
Peak Number 2 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	125.49 ng/ul	5684510	1,4-Dichlorobenzene-d4	8.04

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	2-Cyclopenten-1-one, 2-hydroxy-3...	112	C6H8O2	000080-71-7	25



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Data File : BG026494.D
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Sample : I2391-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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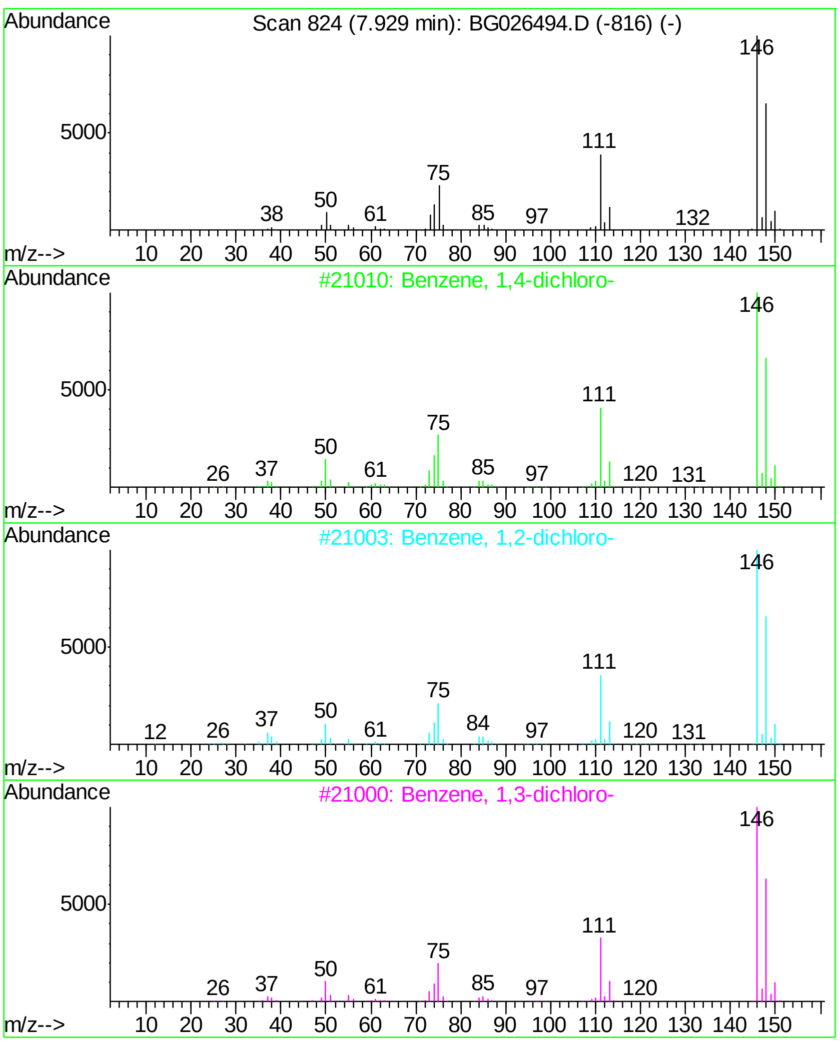
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

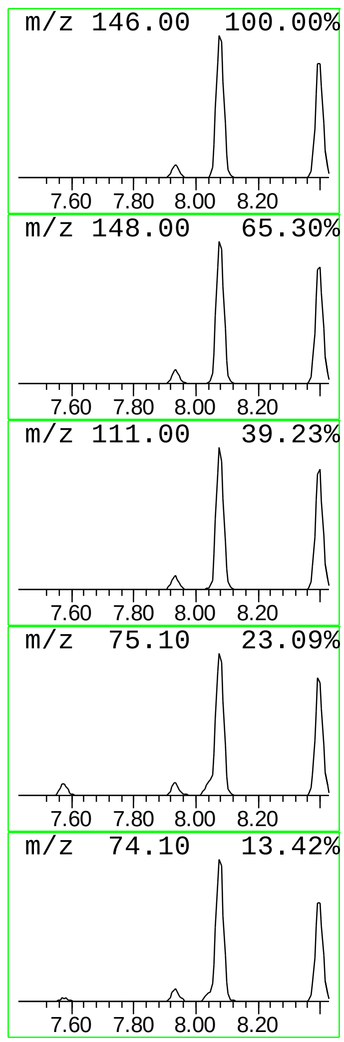
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	5.31 ng/ul	240311	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	94
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	94
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	94
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	94
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	94





Library Search Compound Report

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Data File : BG026494.D
Acq On    : 30 Mar 2017   2:38
Operator  : SJ/MA
Sample    : I2391-05
Misc      :
ALS Vial  : 17   Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
Quant Title  : SVOA CALIBRATION

TIC Library   : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P
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Instrument :
BNA_G
ClientSampleId :
C0BL6

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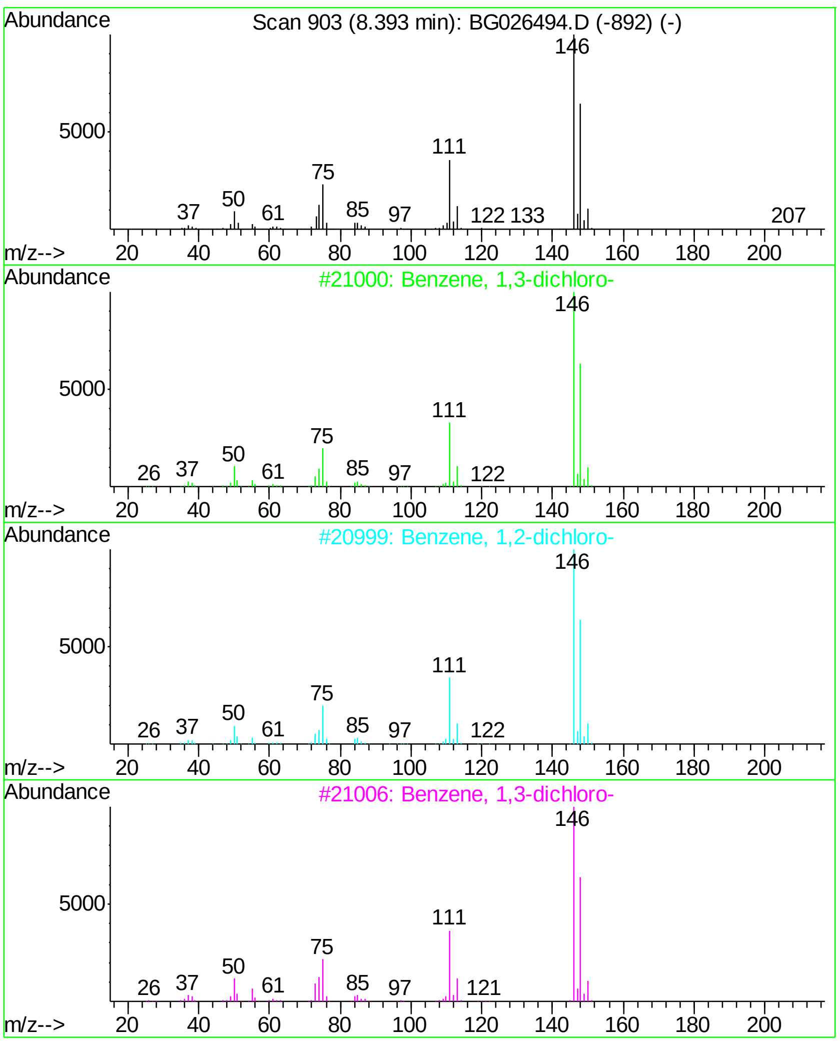
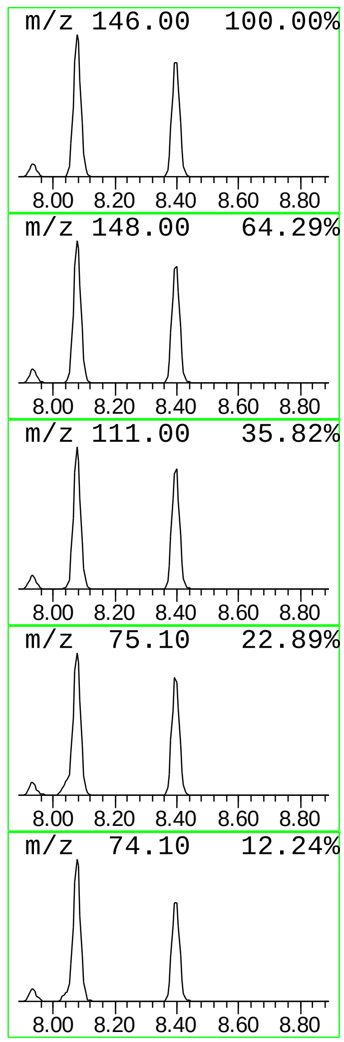
Peak Number 4 Benzene, 1,3-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	47.70 ng/ul	2160800	1,4-Dichlorobenzene-d4	8.04

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





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Sample : I2391-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL6

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION

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

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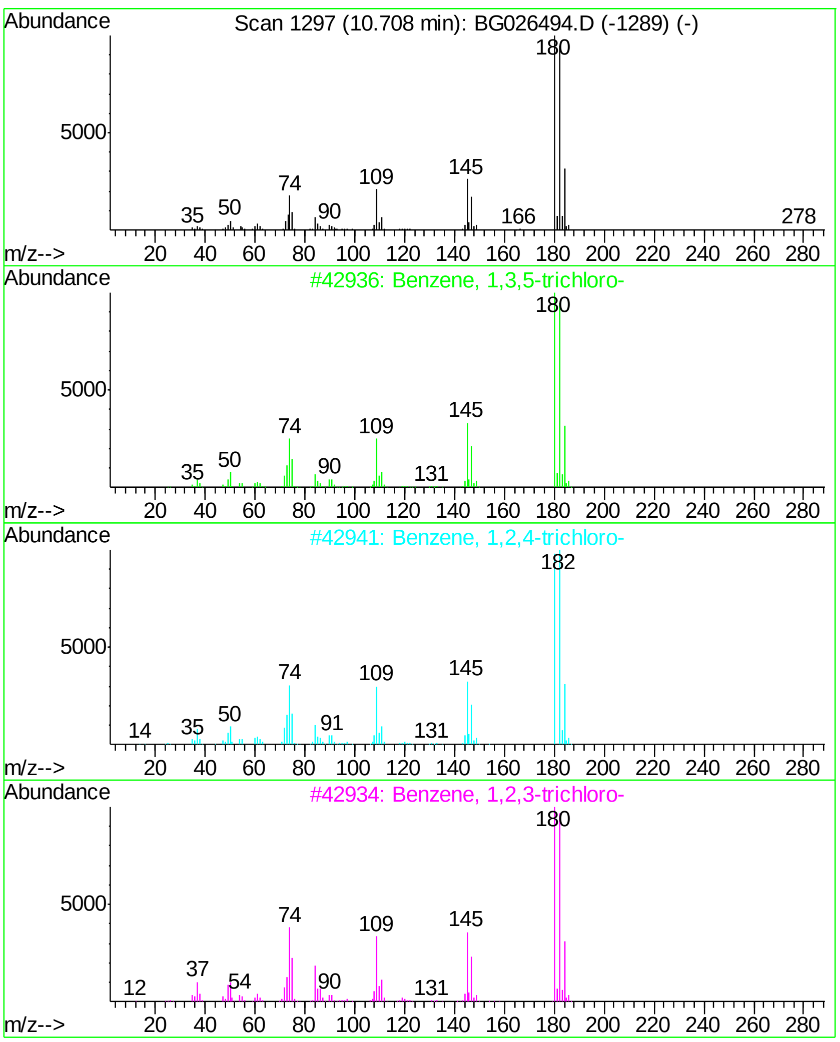
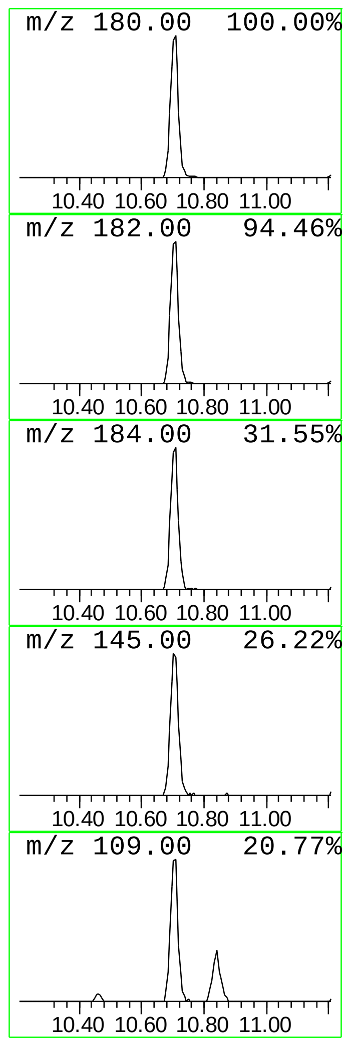
Peak Number 5 Benzene, 1,3,5-trichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	4.82 ng/ul	344244	Naphthalene-d8	10.84

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





Tentatively Identified Compound (LSC) summary

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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.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, chloro-	5.36	125.5	ng/ul	5684510	1	8.04	905960	20.0
Benzene, 1,4-dich...	7.93	5.3	ng/ul	240311	1	8.04	905960	20.0
Benzene, 1,3-dich...	8.39	47.7	ng/ul	2160800	1	8.04	905960	20.0
Benzene, 1,3,5-tr...	10.71	4.8	ng/ul	344244	2	10.84	1427180	20.0