LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032817\
Data File : BG026474.D
Acq On : 29 Mar 2017 3:17
Operator : SJ/MA
Sample : I2391-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL7

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	3.118	3	5	21	rVB	1031668	1539118	24.98%	2.569%
2	5.357	378	386	404	rBV	2138724	3641265	59.09%	6.077%
3	7.208	691	701	713	rBV3	152774	343482	5.57%	0.573%
4	7.366	721	728	740	rBV	601443	995310	16.15%	1.661%
5	7.578	757	764	775	rBV	594994	1039562	16.87%	1.735%
6	7.936	818	825	832	rBV	100753	173151	2.81%	0.289%
7	8.042	835	843	846	rBV	610655	1069145	17.35%	1.784%
8	8.077	846	849	861	rVB	774403	1257593	20.41%	2.099%
9	8.395	896	903	912	rBV	941953	1646239	26.71%	2.747%
10	8.741	955	962	975	rBV	473860	840861	13.64%	1.403%
11	9.200	1031	1040	1053	rBV	628185	1171309	19.01%	1.955%
12	9.623	1106	1112	1122	rBV4	30664	63215	1.03%	0.105%
13	9.922	1156	1163	1178	rBV	544023	966183	15.68%	1.612%
14	10.463	1247	1255	1275	rBV	838279	1565875	25.41%	2.613%
15	10.704	1290	1296	1302	rBV	157744	285005	4.62%	0.476%
16	10.839	1311	1319	1328	rBV	855069	1544141	25.06%	2.577%
17	10.986	1338	1344	1355	rBV2	34775	82488	1.34%	0.138%
18	13.459	1759	1765	1774	rBV3	71259	117906	1.91%	0.197%
19	14.047	1859	1865	1878	rBV	1708432	2603959	42.25%	4.346%
20	14.341	1908	1915	1923	rBV	2082411	3287761	53.35%	5.487%
21	14.646	1959	1967	1981	rBV2	1316703	2161973	35.08%	3.608%
22	14.846	1994	2001	2017	rBV	94613	226769	3.68%	0.378%
23	15.633	2128	2135	2148	rBV	2927632	4408679	71.54%	7.358%
24	15.751	2148	2155	2171	rBV	795907	1272288	20.65%	2.123%
25	17.378	2425	2432	2442	rBV2	1756941	2701037	43.83%	4.508%
26	17.478	2442	2449	2468	rVB	3297961	5008950	81.28%	8.359%
27	18.342	2590	2596	2602	rVB2	43105	62535	1.01%	0.104%
28	19.393	2771	2775	2781	rBV	44216	63851	1.04%	0.107%
29	19.646	2814	2818	2828	rVB	35307	61894	1.00%	0.103%
30	19.758	2830	2837	2852	rBV	4165265	6079269	98.65%	10.146%
31	21.626	3148	3155	3167	rBV	2059464	3435986	55.76%	5.734%
32	23.083	3396	3403	3411	rBV6	31823	72190	1.17%	0.120%
33	23.871	3532	3537	3544	rVB5	38958	83223	1.35%	0.139%
34	24.587	3647	3659	3676	rBV2	2154535	6162538	100.00%	10.285%

LSC Area Percent Report

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Acq On : 29 Mar 2017 3:17
Operator : SJ/MA
Sample : I2391-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL7

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	24.805	3685	3696	3708	rBV2	1287777	3560525	57.78%	5.942%
36	25.915	3878	3885	3894	rVB3	53592	146735	2.38%	0.245%
37	27.237	4102	4110	4121	rVB4	53814	177815	2.89%	0.297%

Sum of corrected areas: 59919825

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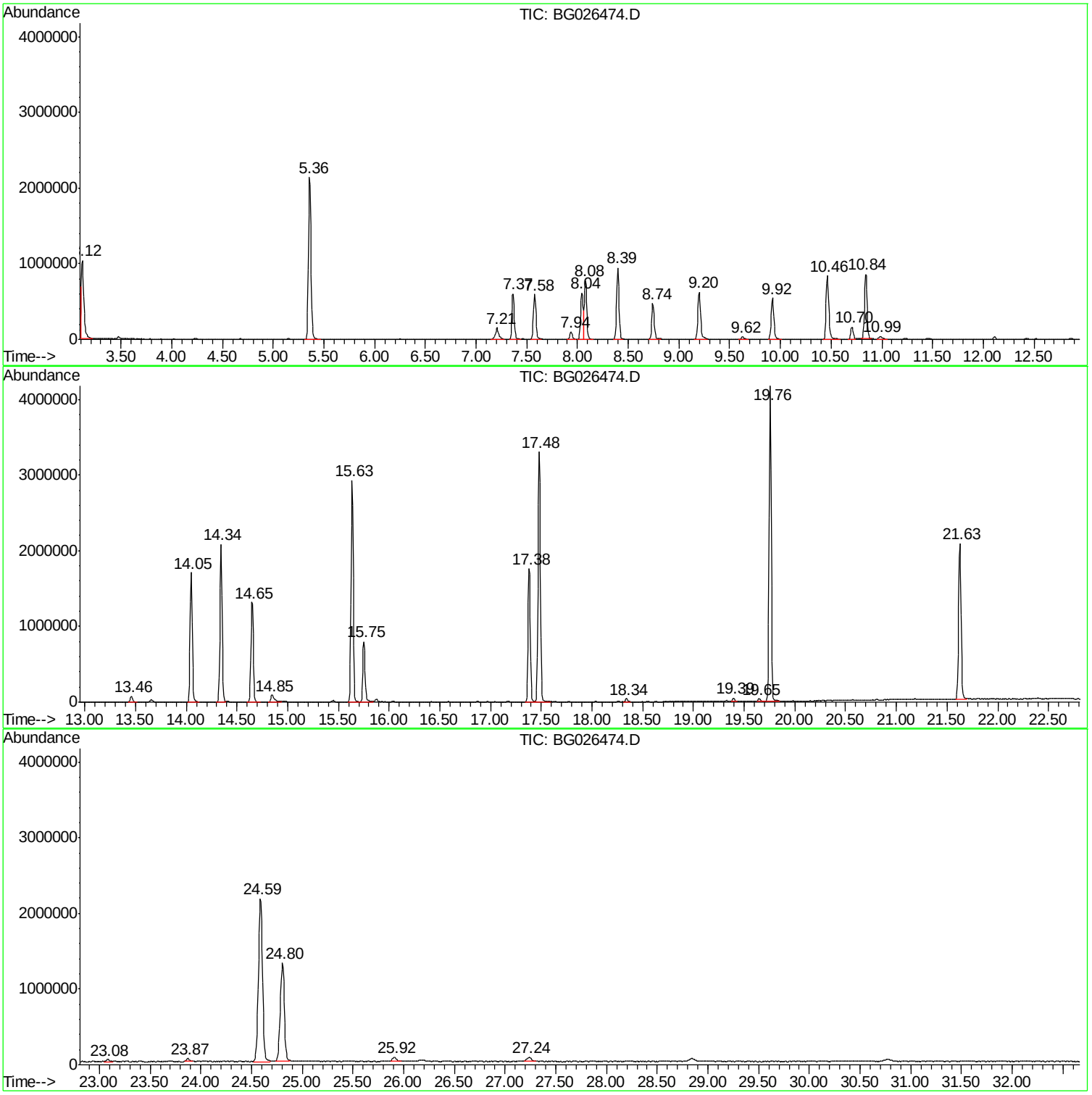
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BL7

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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Data File : BG026474.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL7

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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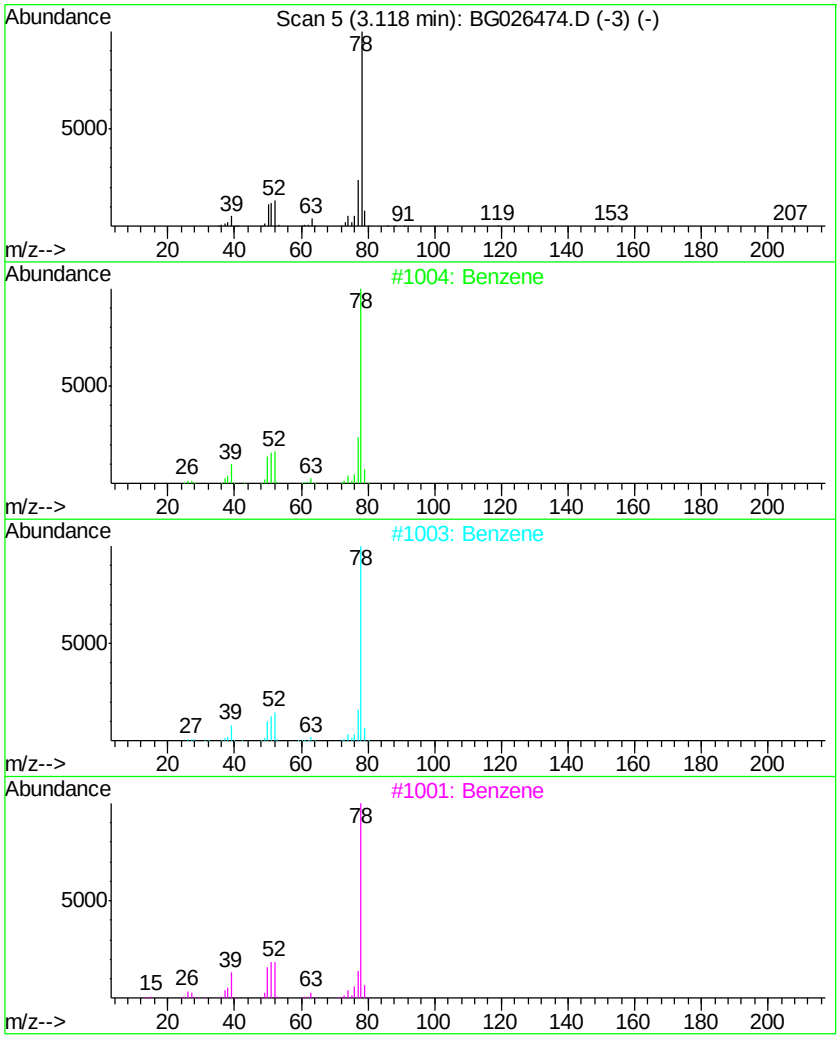
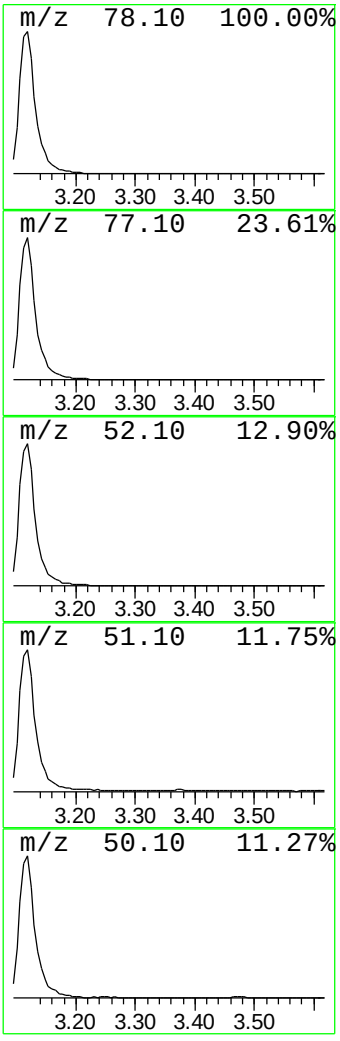
Peak Number 1 Benzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	28.79 ng/ul	1539120	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene	78	C6H6	000071-43-2	91
2	Benzene	78	C6H6	000071-43-2	91
3	Benzene	78	C6H6	000071-43-2	91
4	Benzene	78	C6H6	000071-43-2	91
5	2,4-Hexadiyne	78	C6H6	002809-69-0	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032817\
Data File : BG026474.D
Acq On : 29 Mar 2017 3:17
Operator : SJ/MA
Sample : I2391-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL7

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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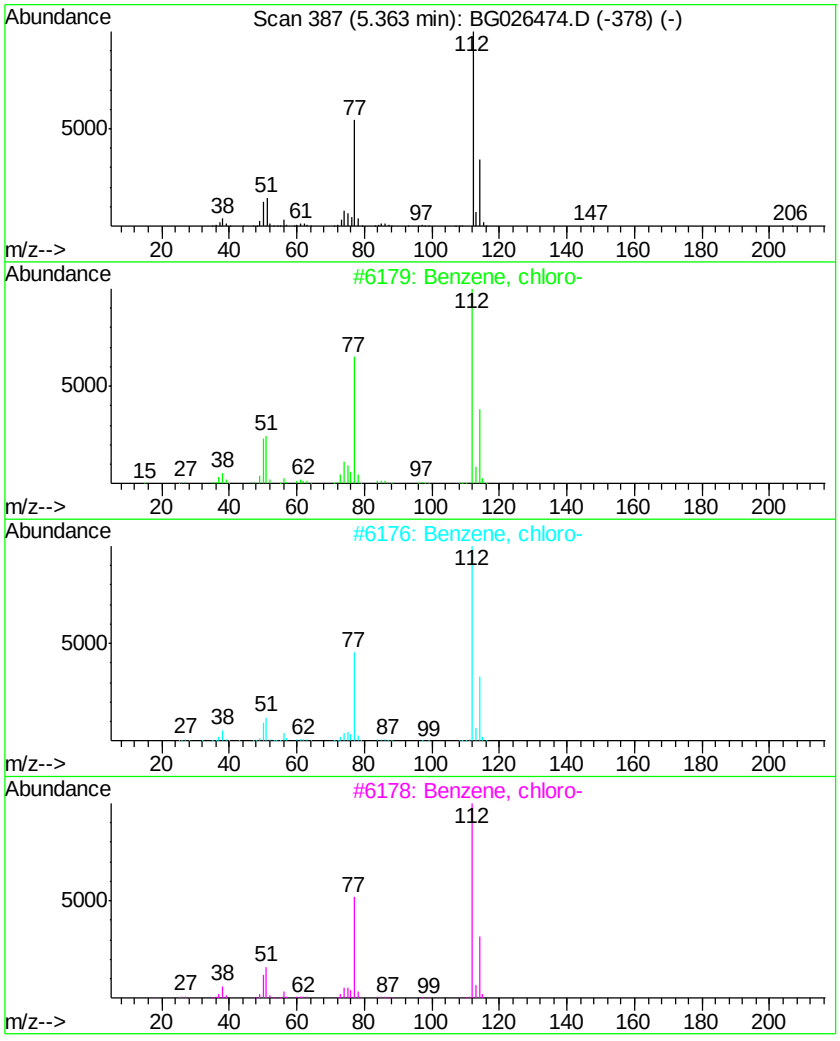
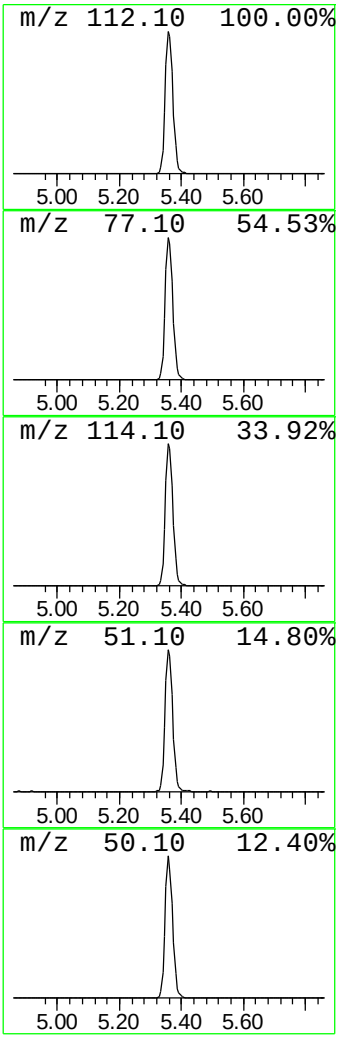
Peak Number 2 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	68.12 ng/ul	3641270	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	91
5	2-Cyclopenten-1-one, 2-hydroxy-3...	112	C6H8O2	000080-71-7	25





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Sample : I2391-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL7

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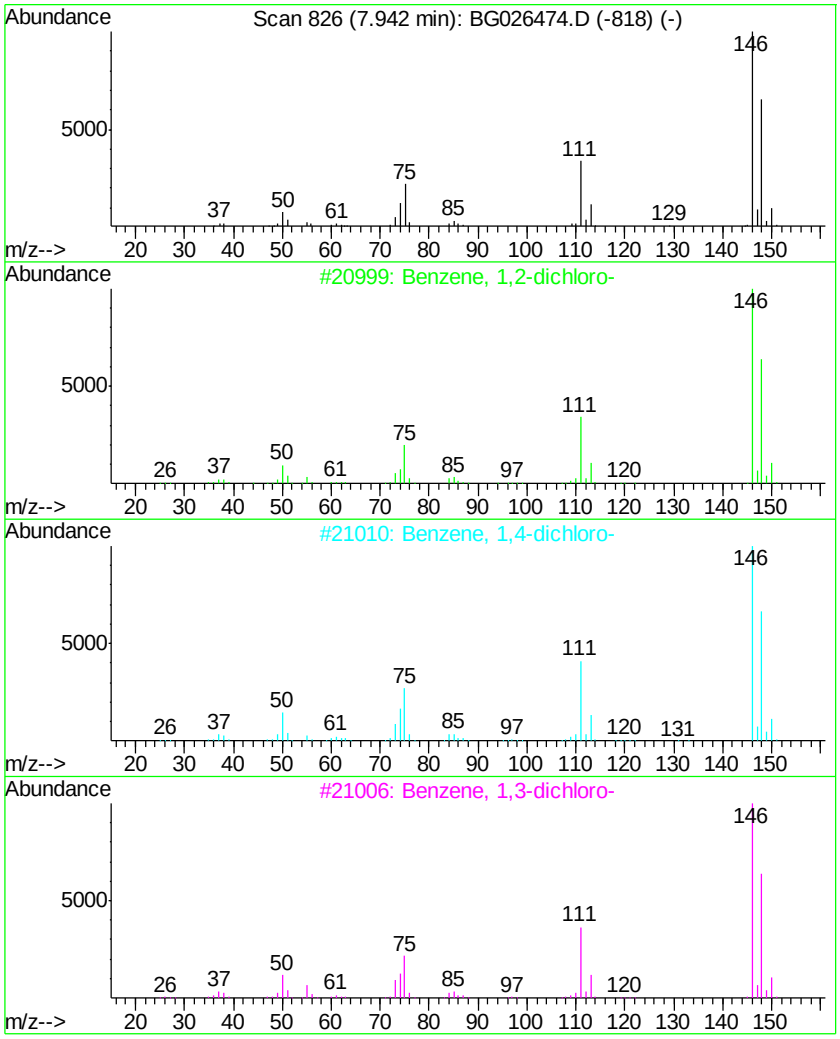
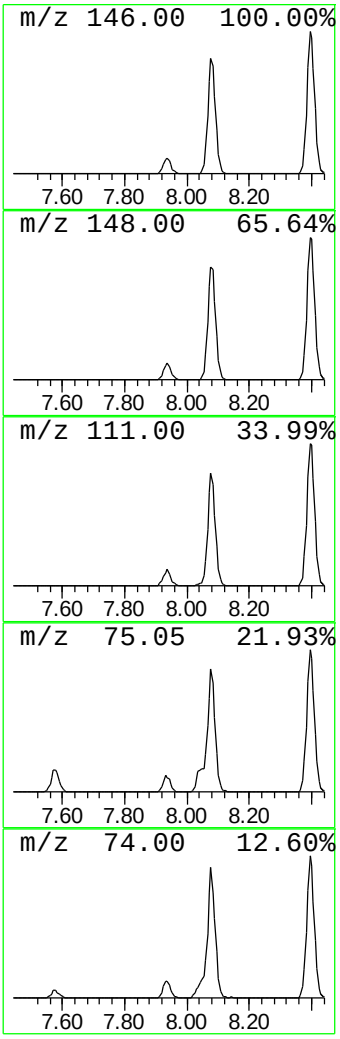
Peak Number 3 Benzene, 1,2-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	3.24 ng/ul	173151	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	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, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	94





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Sample : I2391-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL7

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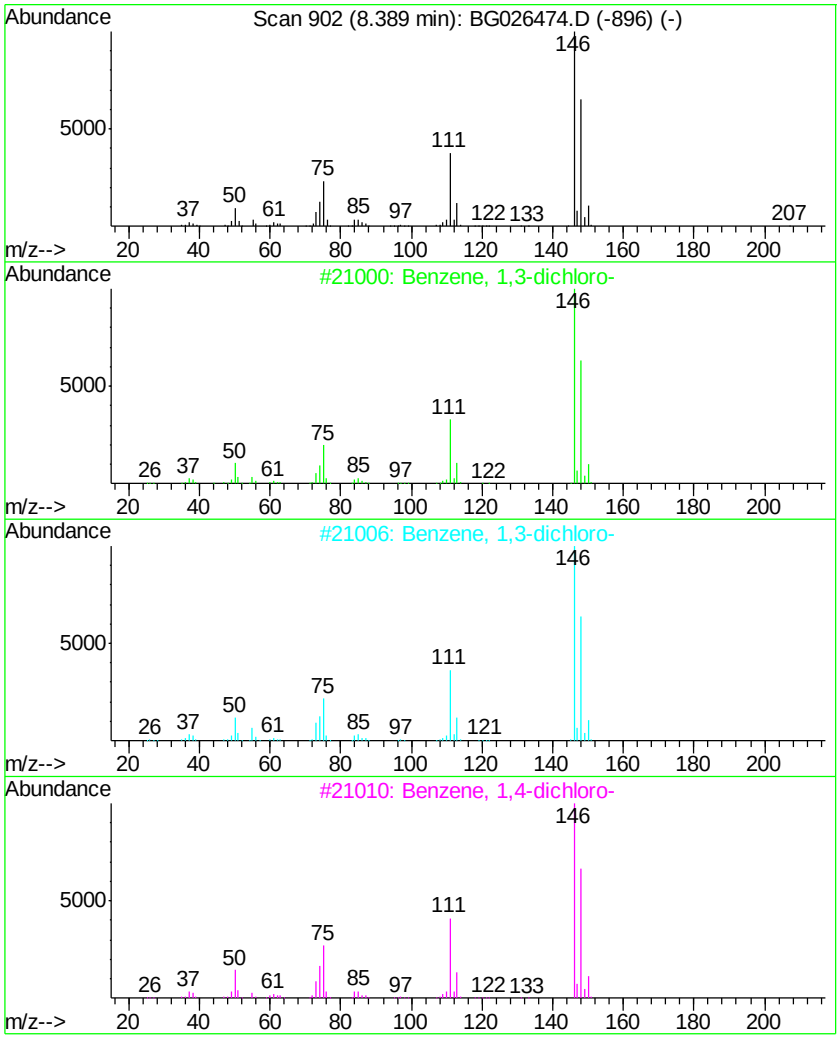
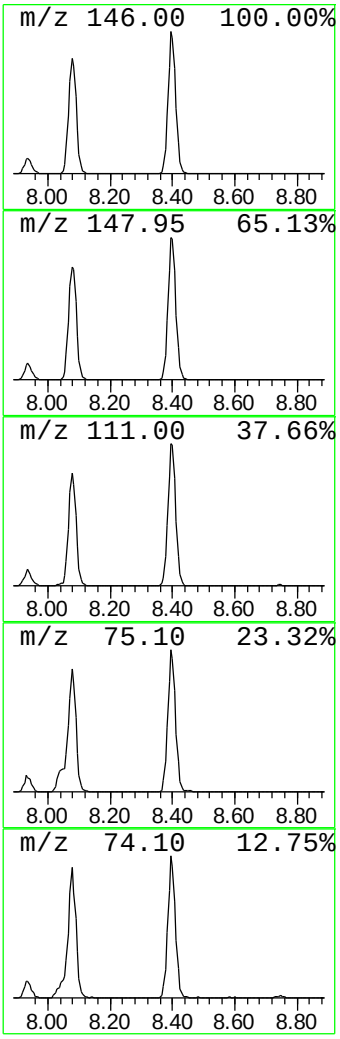
Peak Number 4 Benzene, 1,3-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	30.80 ng/ul	1646240	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, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL7

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

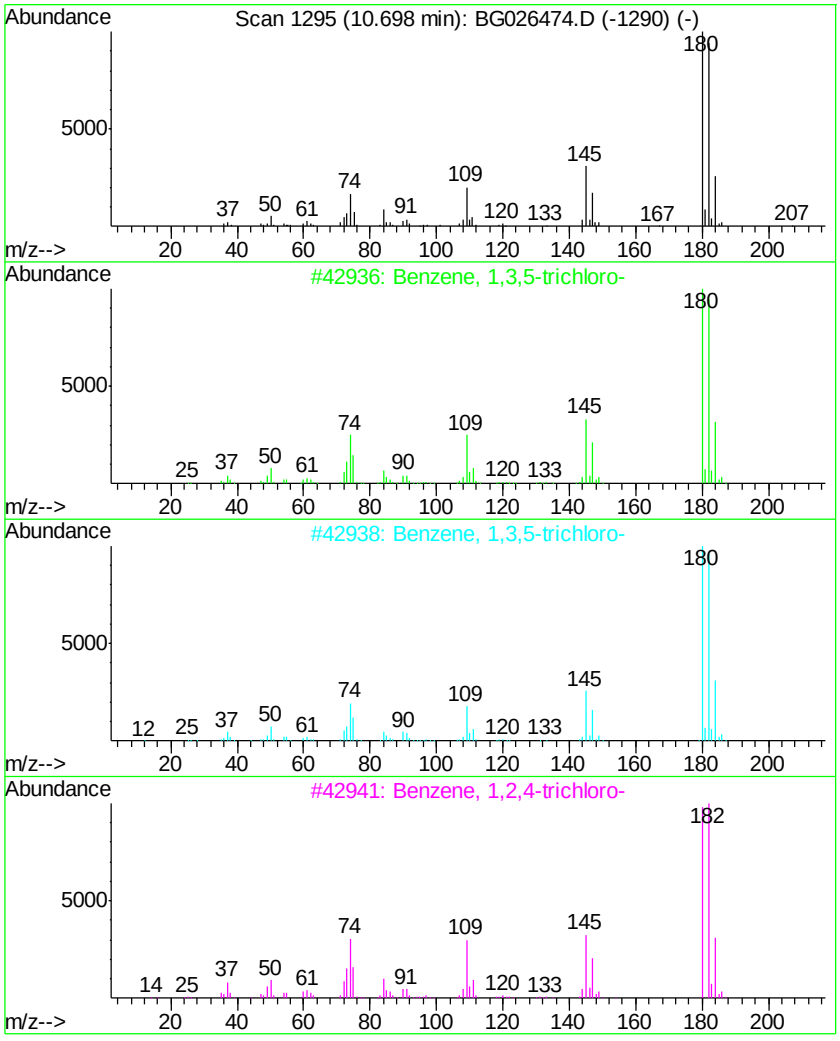
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

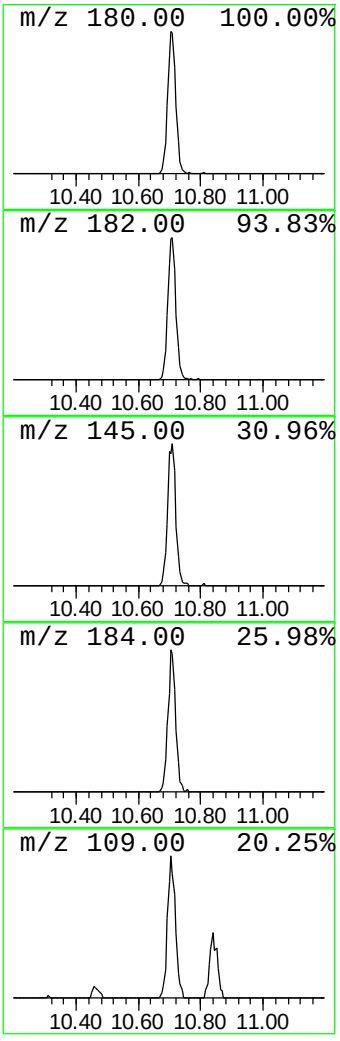
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	3.69 ng/ul	285005	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	94





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	3.12	28.8	ng/ul	1539120	1	8.04	1069150	20.0
Benzene, chloro-	5.36	68.1	ng/ul	3641270	1	8.04	1069150	20.0
Benzene, 1,2-dich...	7.94	3.2	ng/ul	173151	1	8.04	1069150	20.0
Benzene, 1,3-dich...	8.39	30.8	ng/ul	1646240	1	8.04	1069150	20.0
Benzene, 1,3,5-tr...	10.70	3.7	ng/ul	285005	2	10.84	1544140	20.0