LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026444.D
Acq On : 27 Mar 2017 22:30
Operator : SJ/MA
Sample : I2358-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL9

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	3.117	3	5	37	rVB	12856487	23852141	26.65%	5.947%
2	5.385	378	391	405	rBV3	19171396	55628390	62.16%	13.871%
3	7.371	722	729	742	rBV	551861	930944	1.04%	0.232%
4	7.582	757	765	781	rBV2	551428	1396690	1.56%	0.348%
5	7.946	817	827	837	rBV	12137643	26145644	29.21%	6.519%
6	8.117	839	856	862	rBV	21819150	70916733	79.24%	17.683%
7	8.458	895	914	919	rBV2	22477303	89494412	100.00%	22.315%
8	9.292	1034	1056	1061	rBV	10902407	31696454	35.42%	7.903%
9	9.926	1158	1164	1181	rVB	493057	984325	1.10%	0.245%
10	10.467	1248	1256	1263	rBV	757794	1553455	1.74%	0.387%
11	10.726	1290	1300	1311	rVV	13994043	28919887	32.31%	7.211%
12	10.849	1314	1321	1333	rVB	836434	1450687	1.62%	0.362%
13	11.237	1377	1387	1398	rBV	7793942	14768846	16.50%	3.683%
14	11.454	1412	1424	1439	rBV	6546665	12839496	14.35%	3.202%
15	11.654	1450	1458	1472	rBV	2078406	3686073	4.12%	0.919%
16	13.458	1758	1765	1774	rBV	879616	1423418	1.59%	0.355%
17	14.051	1858	1866	1873	rBV	1642324	2412448	2.70%	0.602%
18	14.345	1908	1916	1924	rVB	1836161	2859776	3.20%	0.713%
19	14.650	1961	1968	1983	rBV2	1222864	2085954	2.33%	0.520%
20	15.637	2129	2136	2143	rBV	2450256	3736351	4.17%	0.932%
21	15.749	2149	2155	2168	rVB	801291	1200377	1.34%	0.299%
22	17.382	2426	2433	2443	rBV2	1534274	2368607	2.65%	0.591%
23	17.476	2443	2449	2461	rVV	2660264	4122709	4.61%	1.028%
24	19.756	2830	2837	2847	rBV	3623348	5238494	5.85%	1.306%
25	21.624	3148	3155	3169	rBV	1875728	3013382	3.37%	0.751%
26	24.586	3648	3659	3672	rBV2	1920812	5149819	5.75%	1.284%
27	24.803	3685	3696	3710	rBV2	1196696	3169953	3.54%	0.790%

Sum of corrected areas: 401045465

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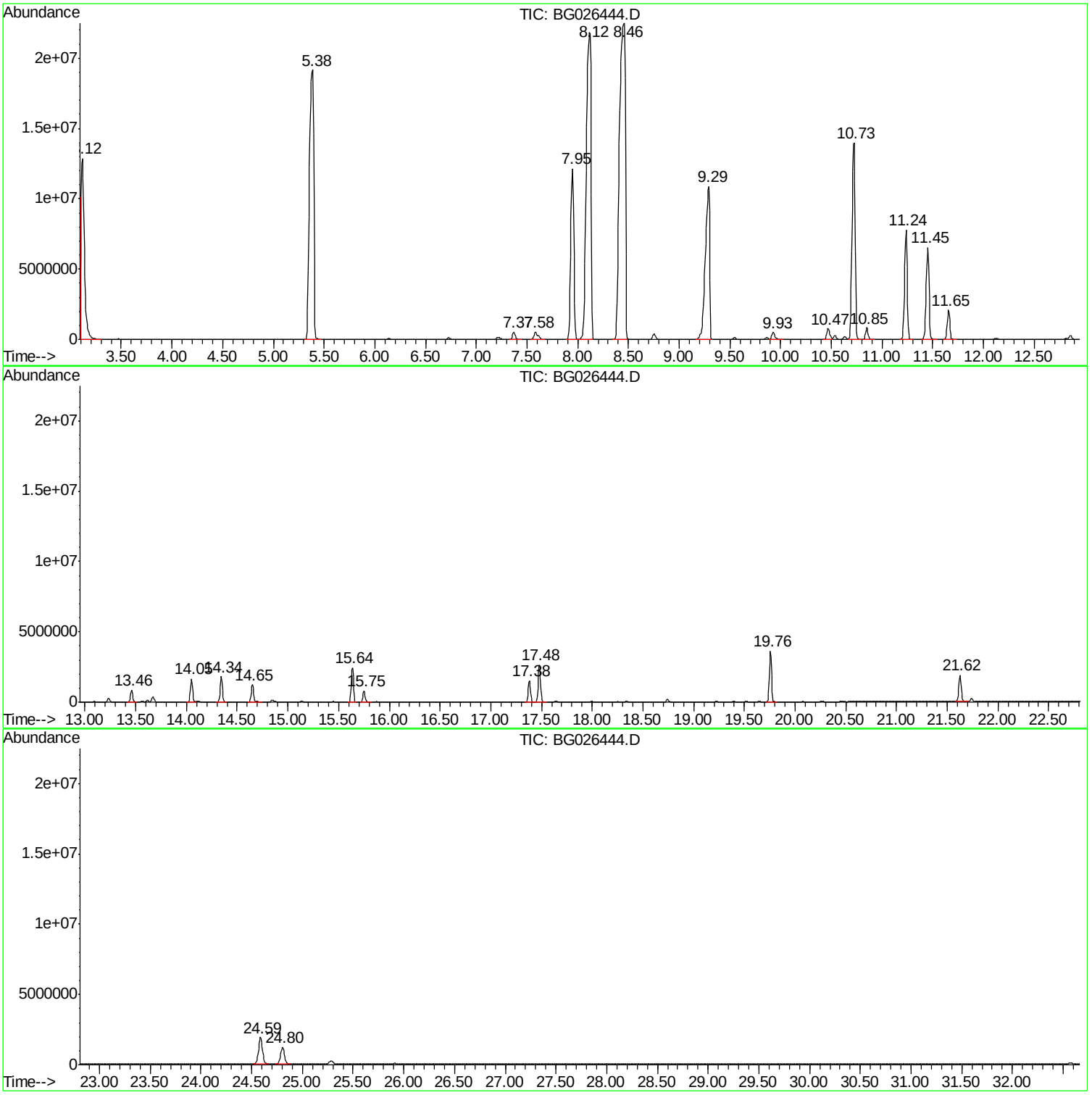
Instrument :
BNA_G
ClientSampleId :
C0BL9

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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Quant Title : SVOA CALIBRATION

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

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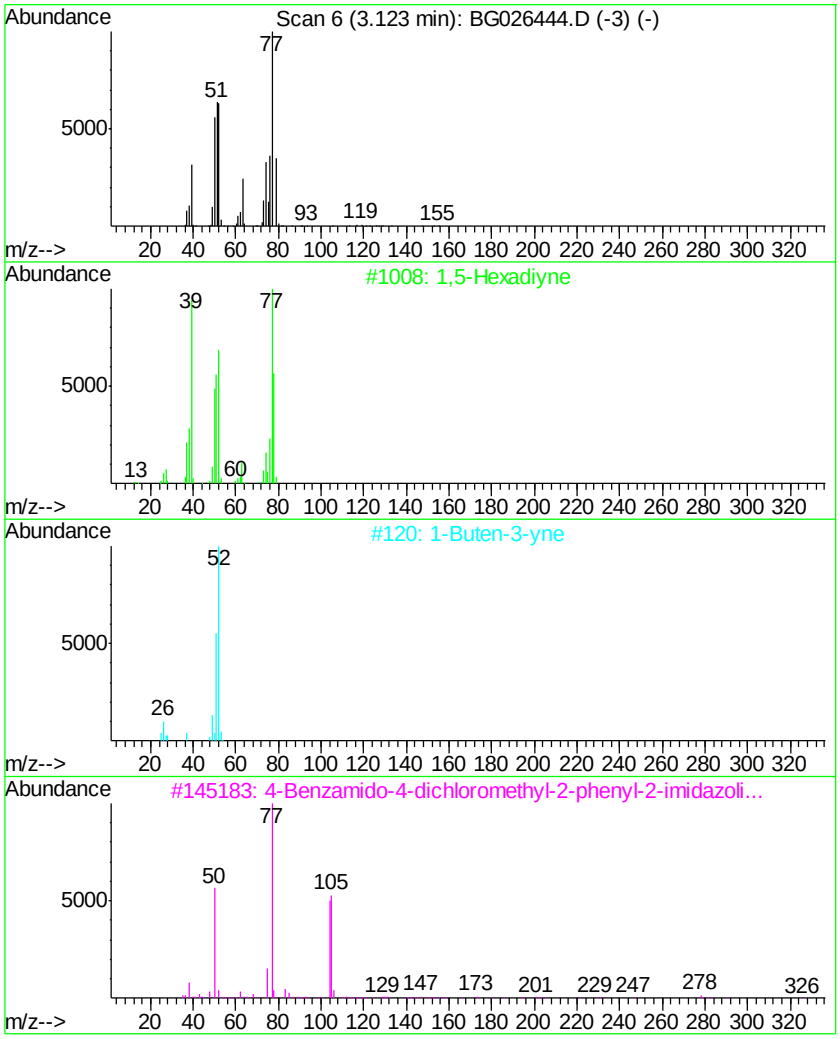
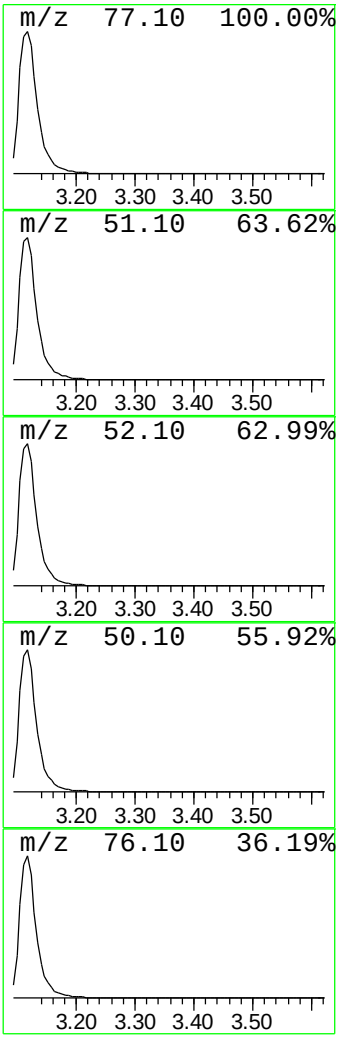
Peak Number 1 1,5-Hexadiyne Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	6.73 ng/ul	23852100	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiyne	78	C6H6	000628-16-0	59
2	1-Buten-3-yne	52	C4H4	000689-97-4	12
3	4-Benzamido-4-dichloromethyl-2-p...	361	C17H13Cl2N3O2	076543-29-8	12
4	.alpha.-Benzamido-2-hydroxycinna...	283	C16H13NO4	1000223-61-7	10
5	1-Buten-3-yne	52	C4H4	000689-97-4	10





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Sample : I2358-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL9

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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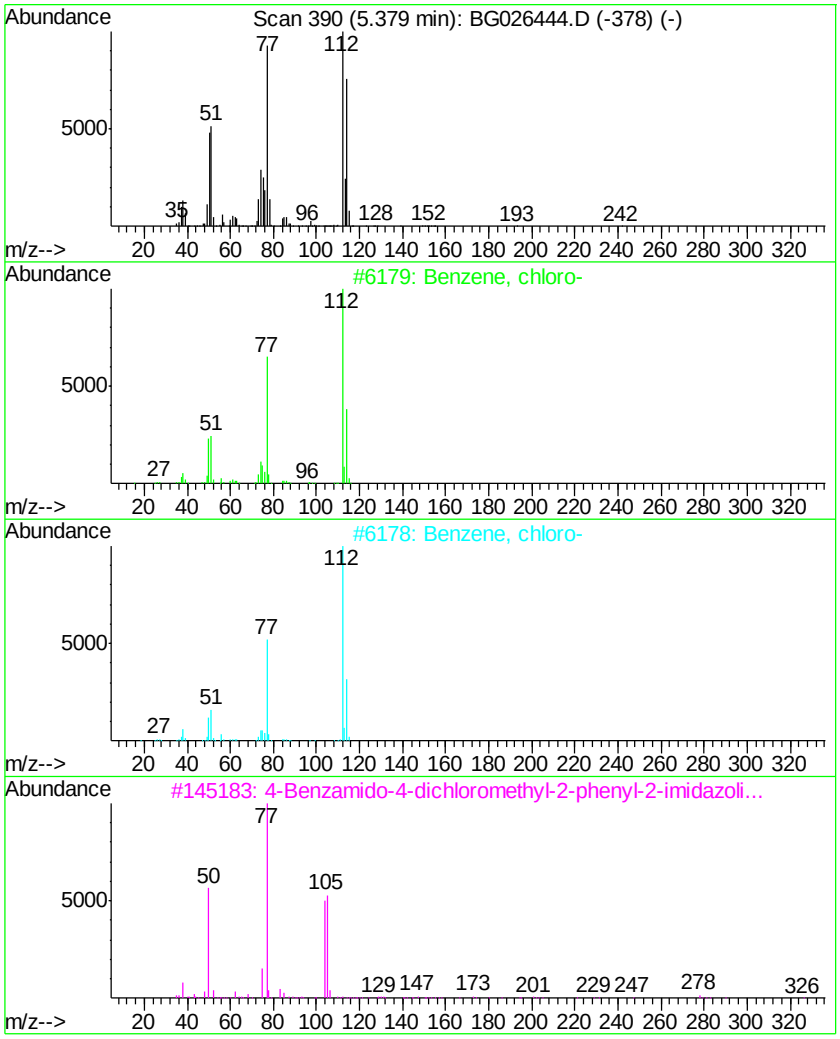
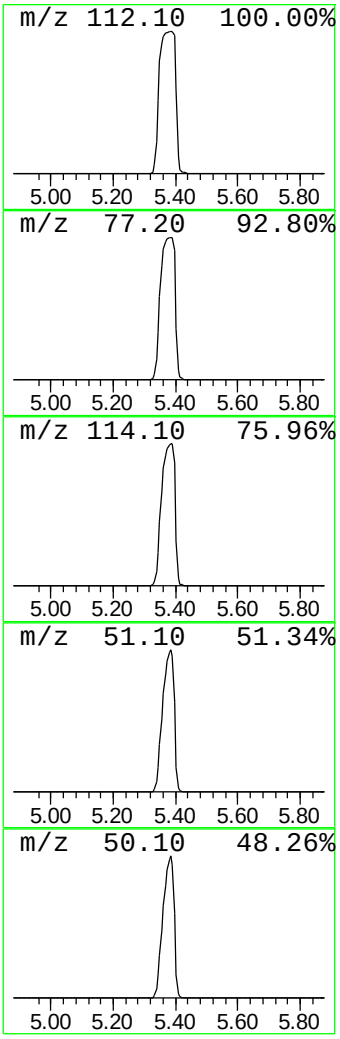
Peak Number 2 Benzene, chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	15.69 ng/ul	55628400	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	83
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	64
3	4-Benzamido-4-dichloromethyl-2-p...	361	C17H13Cl2N3O2	076543-29-8	25
4	3-Furancarboxylic acid	112	C5H4O3	000488-93-7	9
5	2-Furancarboxylic acid	112	C5H4O3	000088-14-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
Data File : BG026444.D
Acq On : 27 Mar 2017 22:30
Operator : SJ/MA
Sample : I2358-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL9

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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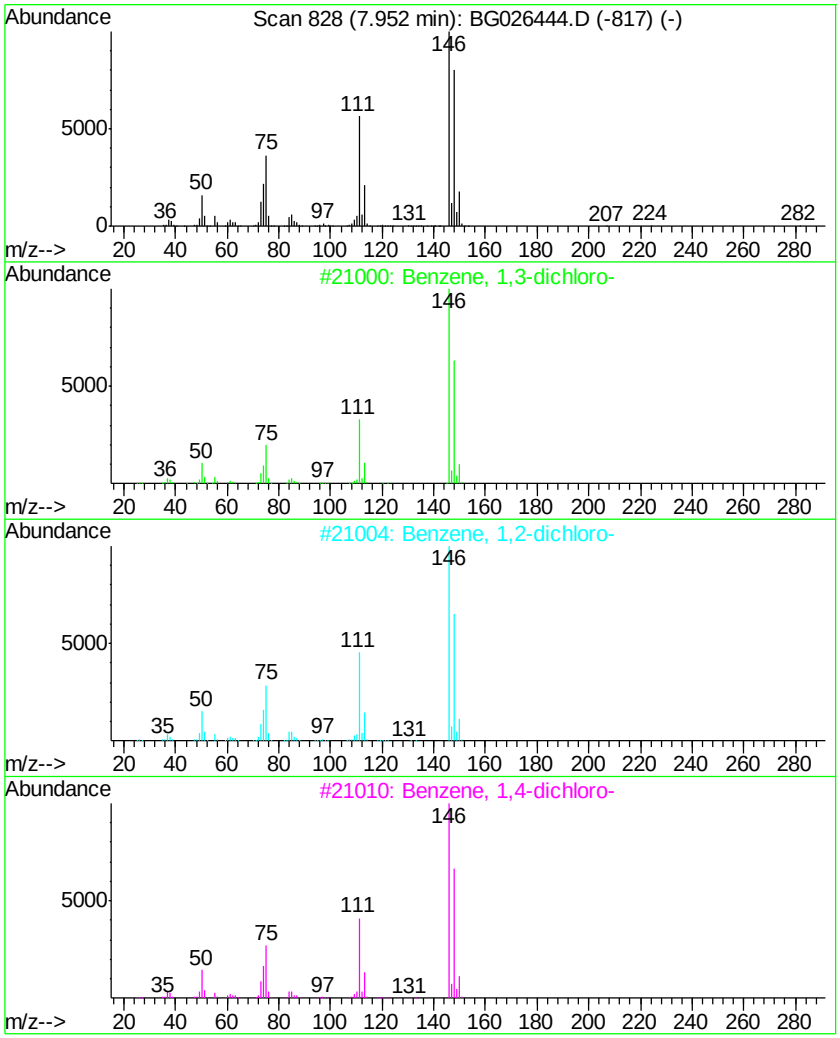
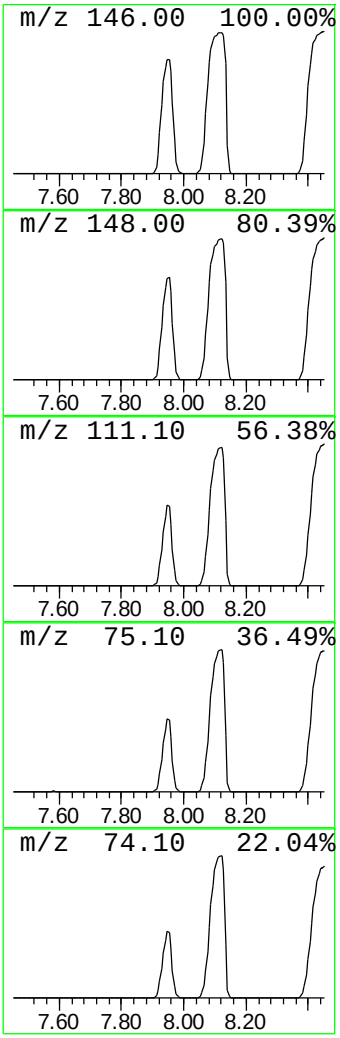
Peak Number 3 Benzene, 1,3-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	7.37 ng/ul	26145600	1,4-Dichlorobenzene-d4	8.06

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	96
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	95
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95





Library Search Compound Report

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Operator : SJ/MA
Sample : I2358-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL9

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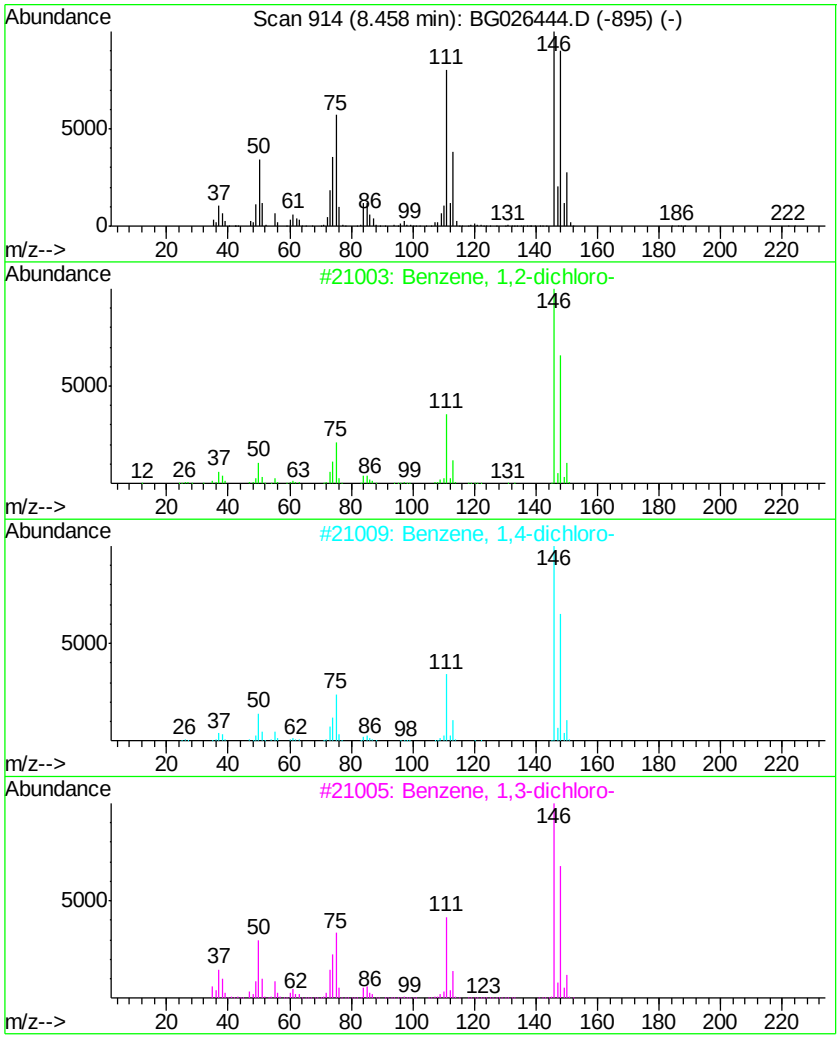
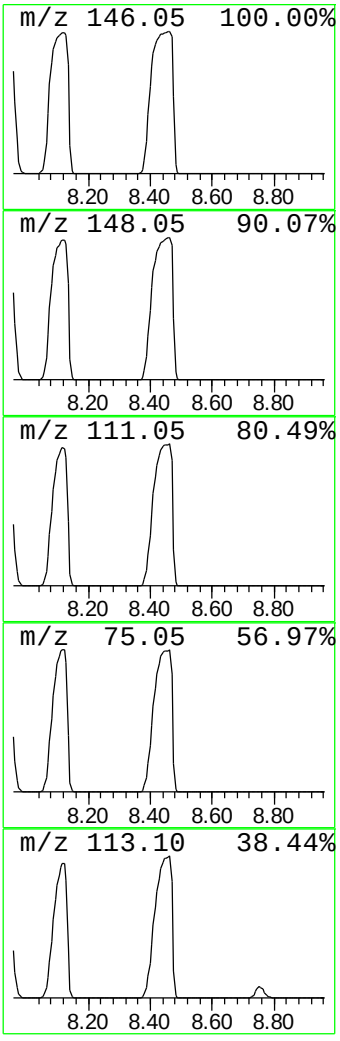
Peak Number 5 Benzene, 1,2-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	25.24 ng/ul	89494400	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	93
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	87
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	76
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	76
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
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Operator : SJ/MA
Sample : I2358-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL9

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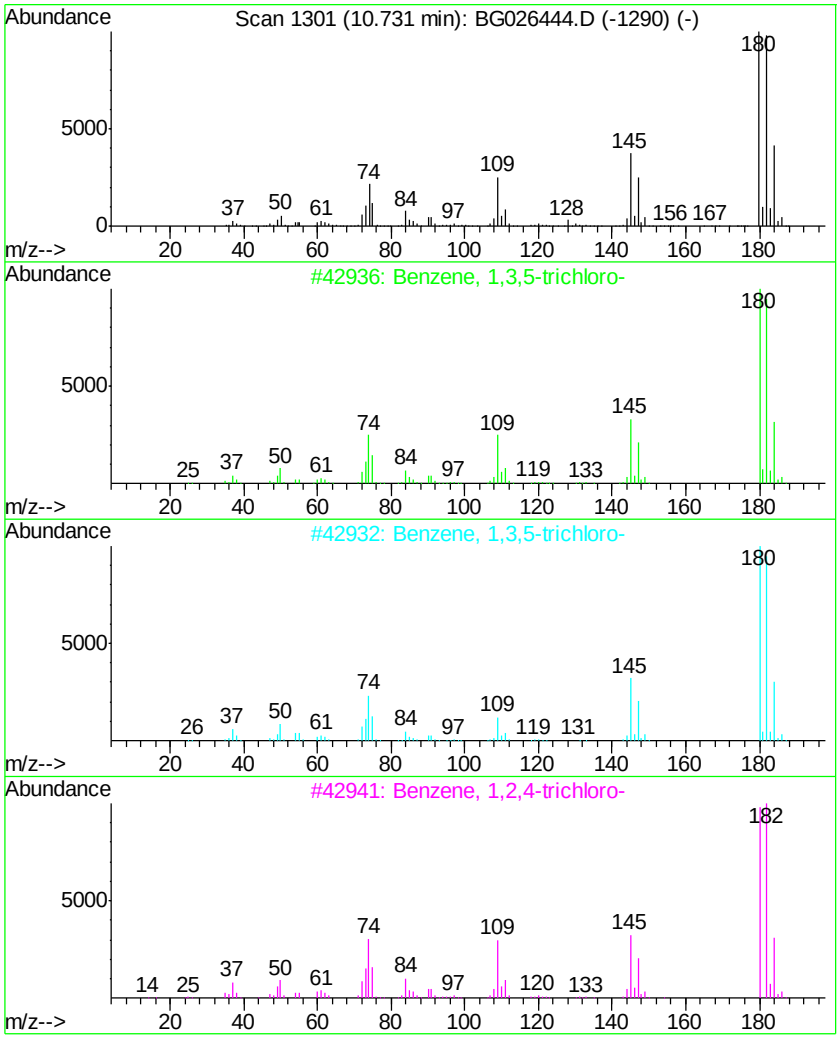
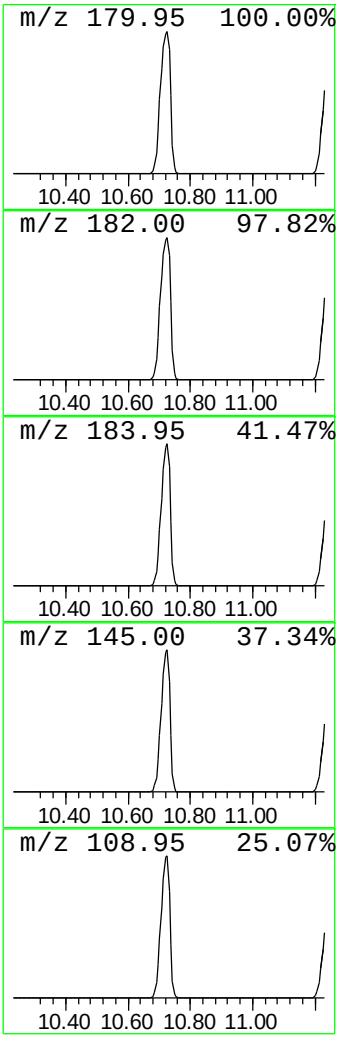
Peak Number 6 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	398.71 ng/ul	28919900	Naphthalene-d8	10.85

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	96
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	95





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Instrument : BNA_G
ClientSampleId : C0BL9

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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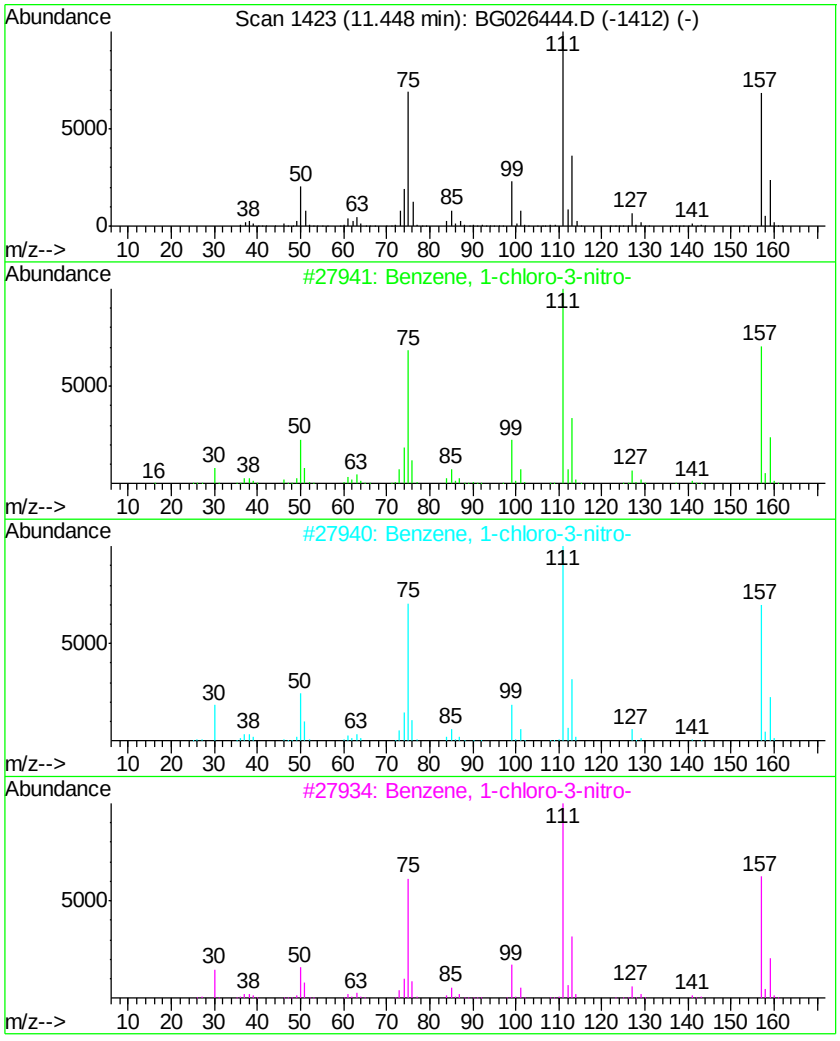
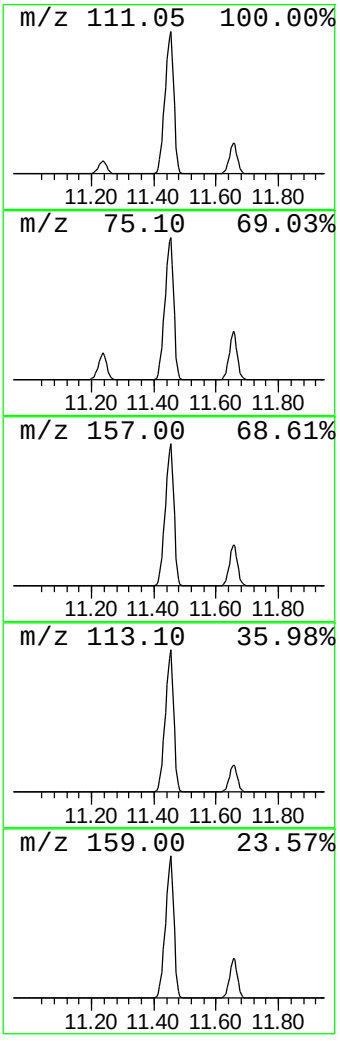
Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	177.01 ng/ul	12839500	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





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Quant Title : SVOA CALIBRATION

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

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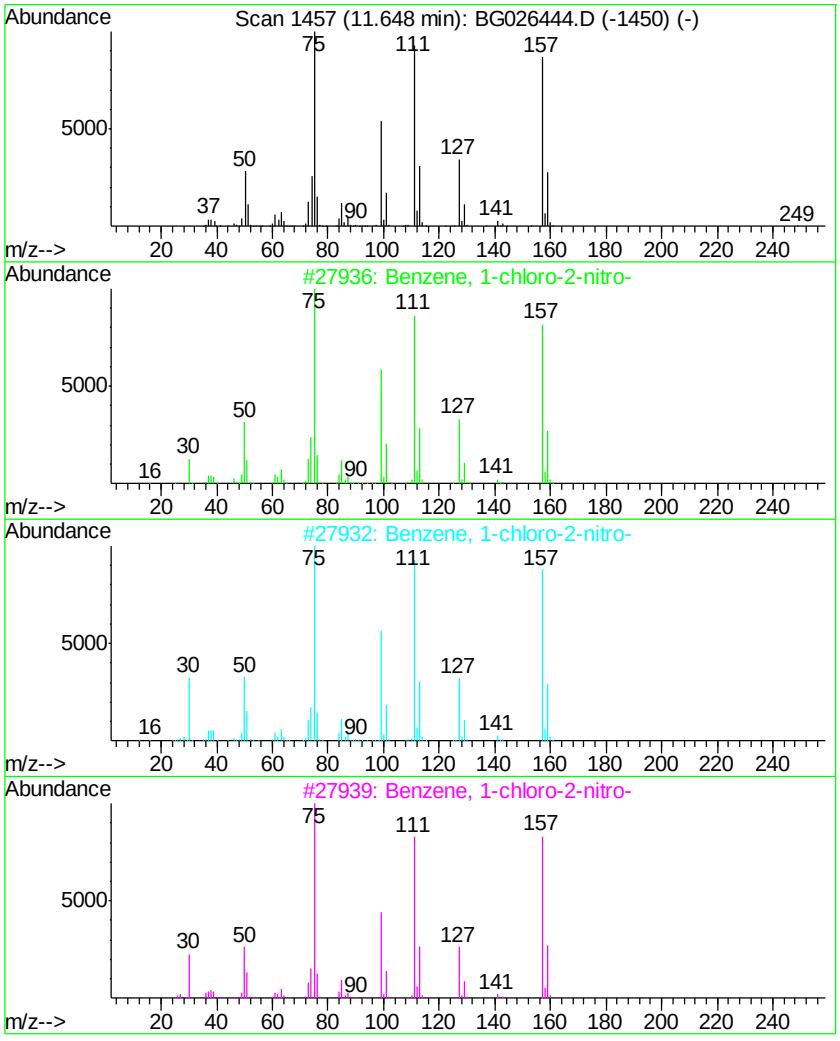
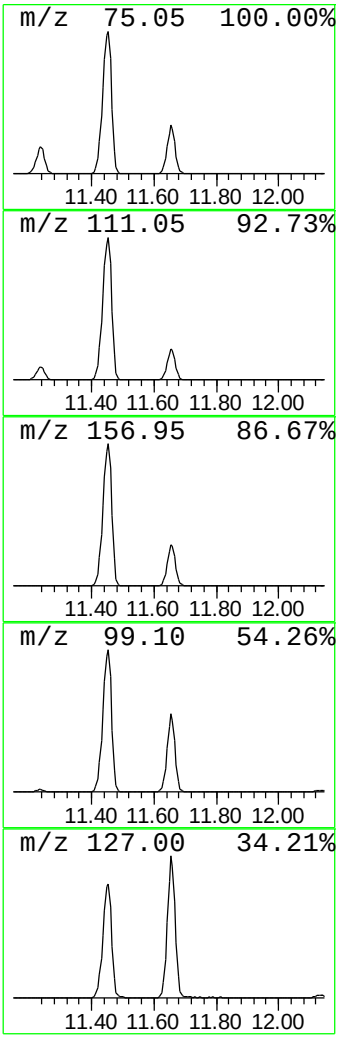
Peak Number 9 Benzene, 1-chloro-2-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	50.82 ng/ul	3686070	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	99
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	95





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,5-Hexadiyne	3.12	6.7	ng/ul	23852100	1	8.06	70916700	20.0
Benzene, chloro-	5.38	15.7	ng/ul	55628400	1	8.06	70916700	20.0
Benzene, 1,3-dich...	7.95	7.4	ng/ul	26145600	1	8.06	70916700	20.0
Benzene, 1,2-dich...	8.46	25.2	ng/ul	89494400	1	8.06	70916700	20.0
Benzene, 1,3,5-tr...	10.73	398.7	ng/ul	28919900	2	10.85	1450690	20.0
Benzene, 1-chloro...	11.45	177.0	ng/ul	12839500	2	10.85	1450690	20.0
Benzene, 1-chloro...	11.65	50.8	ng/ul	3686070	2	10.85	1450690	20.0