LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082917\
Data File : BG028542.D
Acq On : 29 Aug 2017 20:16
Operator : SJ/JU
Sample : I4960-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-POST1DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	4.558	156	165	179	rVB	100340	185263	0.48%	0.337%
2	5.081	244	254	264	rVB	106092	198297	0.52%	0.361%
3	5.992	402	409	418	rVB3	31532	69268	0.18%	0.126%
4	8.236	783	791	799	rVB	136615	249036	0.65%	0.453%
5	8.348	803	810	824	rBV3	134086	310448	0.81%	0.565%
6	8.706	861	871	882	rBV	356607	649824	1.70%	1.183%
7	10.298	1136	1142	1151	rVB2	33917	63976	0.17%	0.116%
8	11.068	1256	1273	1284	rBV	15005329	38225091	100.00%	69.576%
9	11.180	1284	1292	1306	rVB	191538	355674	0.93%	0.647%
10	11.573	1347	1359	1368	rBV	5088114	10123526	26.48%	18.427%
11	13.160	1614	1629	1640	rBV	228904	487936	1.28%	0.888%
12	13.765	1724	1732	1742	rBV2	88462	145363	0.38%	0.265%
13	14.958	1925	1935	1944	rBV2	296879	499888	1.31%	0.910%
14	15.945	2093	2103	2108	rBV	32965	50469	0.13%	0.092%
15	17.707	2395	2403	2415	rBV	425287	697566	1.82%	1.270%
16	17.807	2415	2420	2426	rVB2	27480	48706	0.13%	0.089%
17	19.117	2637	2643	2649	rBV2	39941	70447	0.18%	0.128%
18	19.476	2698	2704	2709	rBV6	27950	47620	0.12%	0.087%
19	19.623	2724	2729	2735	rBV9	17652	45312	0.12%	0.082%
20	19.746	2744	2750	2754	rBV2	51768	94101	0.25%	0.171%
21	20.075	2801	2806	2809	rBV	47168	84936	0.22%	0.155%
22	20.169	2818	2822	2829	rBV2	24751	46411	0.12%	0.084%
23	21.256	3004	3007	3016	rVB4	26152	46928	0.12%	0.085%
24	22.038	3133	3140	3152	rBV	435350	797886	2.09%	1.452%
25	22.179	3158	3164	3169	rBV10	24581	56447	0.15%	0.103%
26	23.589	3400	3404	3412	rVB8	41869	84388	0.22%	0.154%
27	23.730	3420	3428	3438	rBV2	60177	164741	0.43%	0.300%
28	23.953	3462	3466	3480	rVB3	48325	128567	0.34%	0.234%
29	24.123	3489	3495	3506	rVB4	37360	113614	0.30%	0.207%
30	25.557	3730	3739	3753	rVB2	251361	798142	2.09%	1.453%

Sum of corrected areas: 54939871

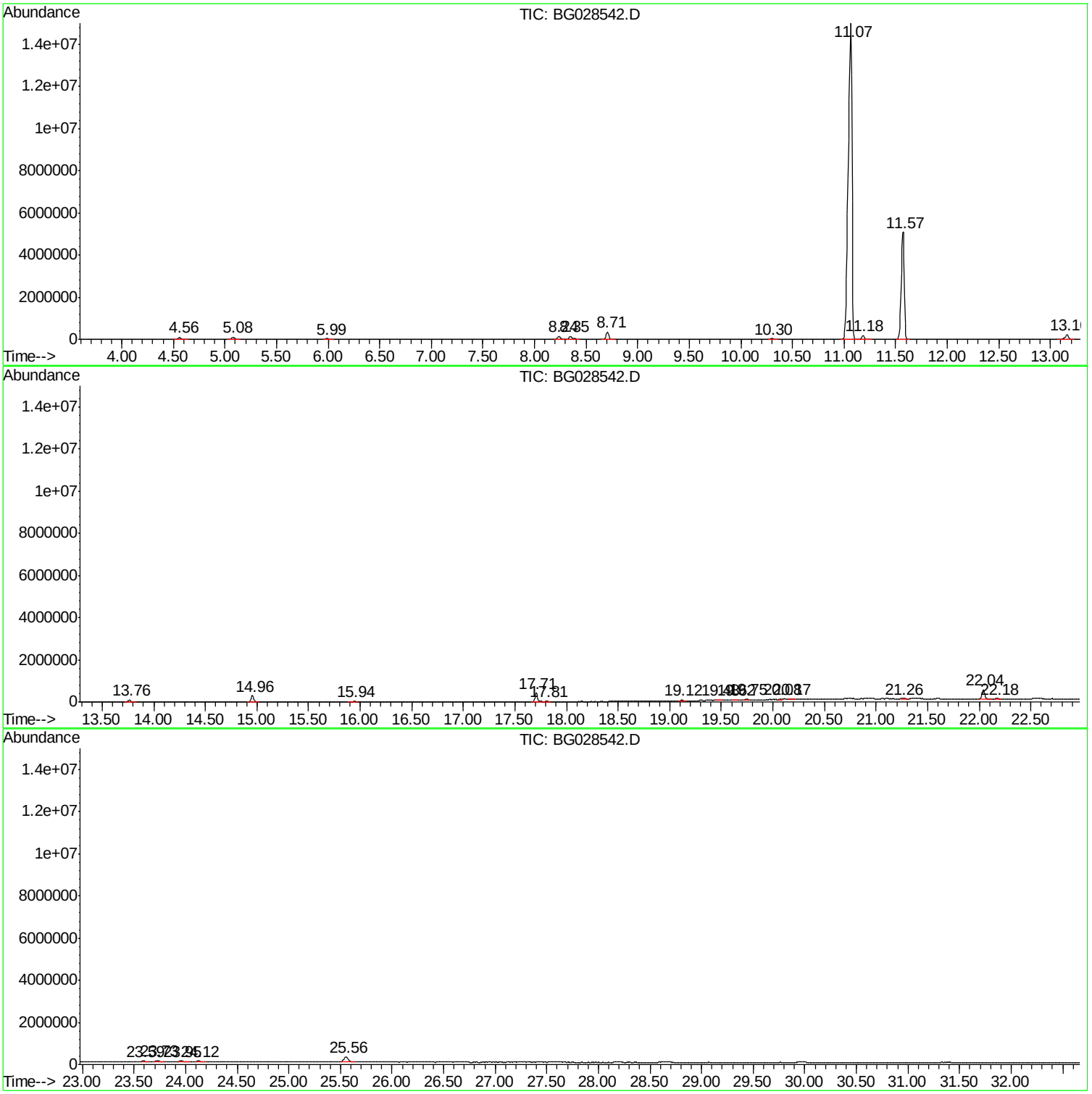
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082917\
Data File : BG028542.D
Acq On : 29 Aug 2017 20:16
Operator : SJ/JU
Sample : I4960-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-POST1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BG028542.D
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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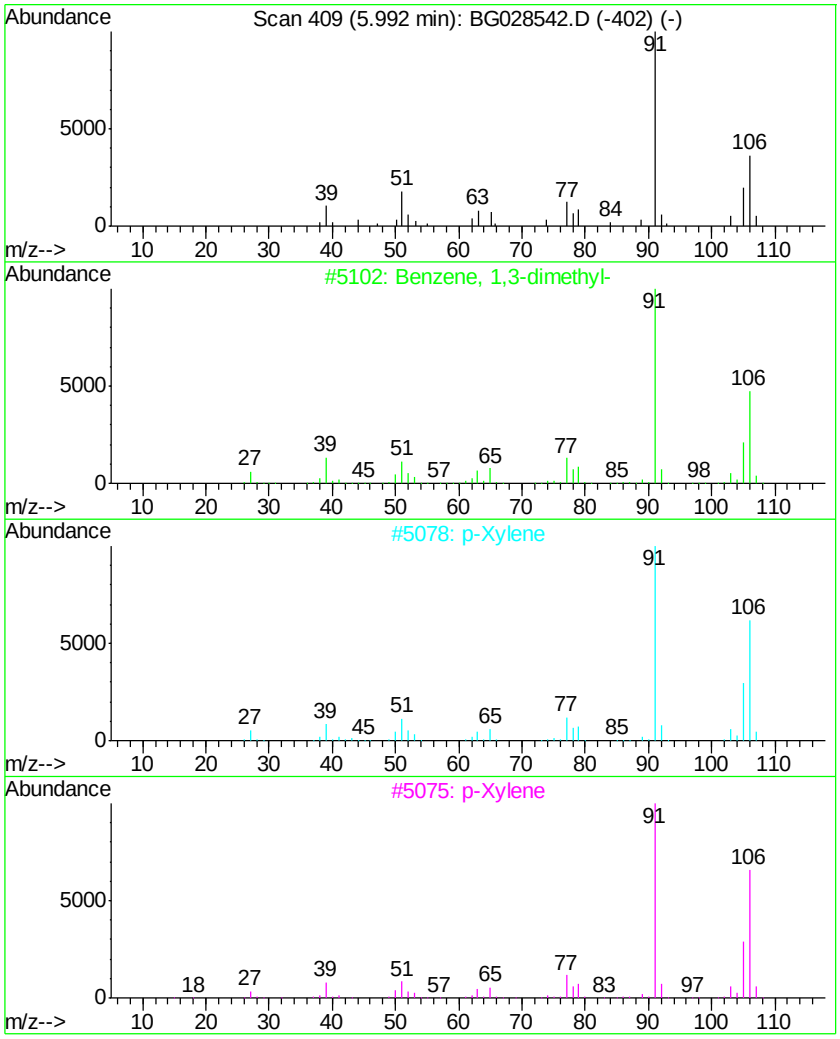
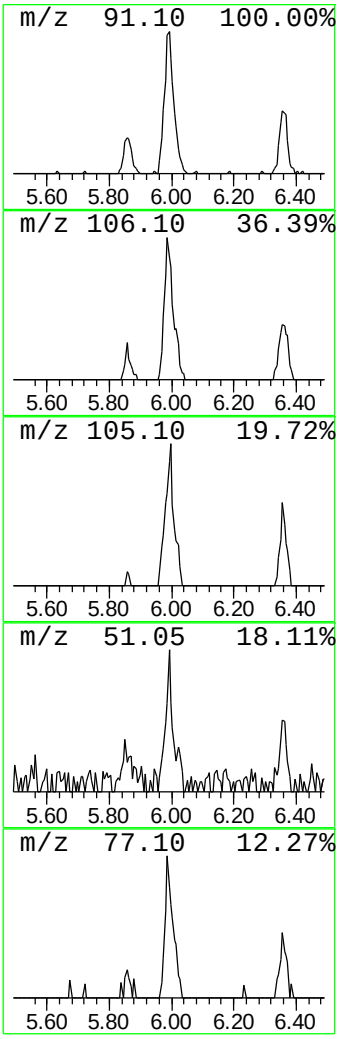
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	4.46 ng/ul	69268	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2	p-Xylene	106	C8H10	000106-42-3	91
3	p-Xylene	106	C8H10	000106-42-3	91
4	o-Xylene	106	C8H10	000095-47-6	91
5	p-Xylene	106	C8H10	000106-42-3	90





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Operator : SJ/JU
Sample : I4960-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-POST1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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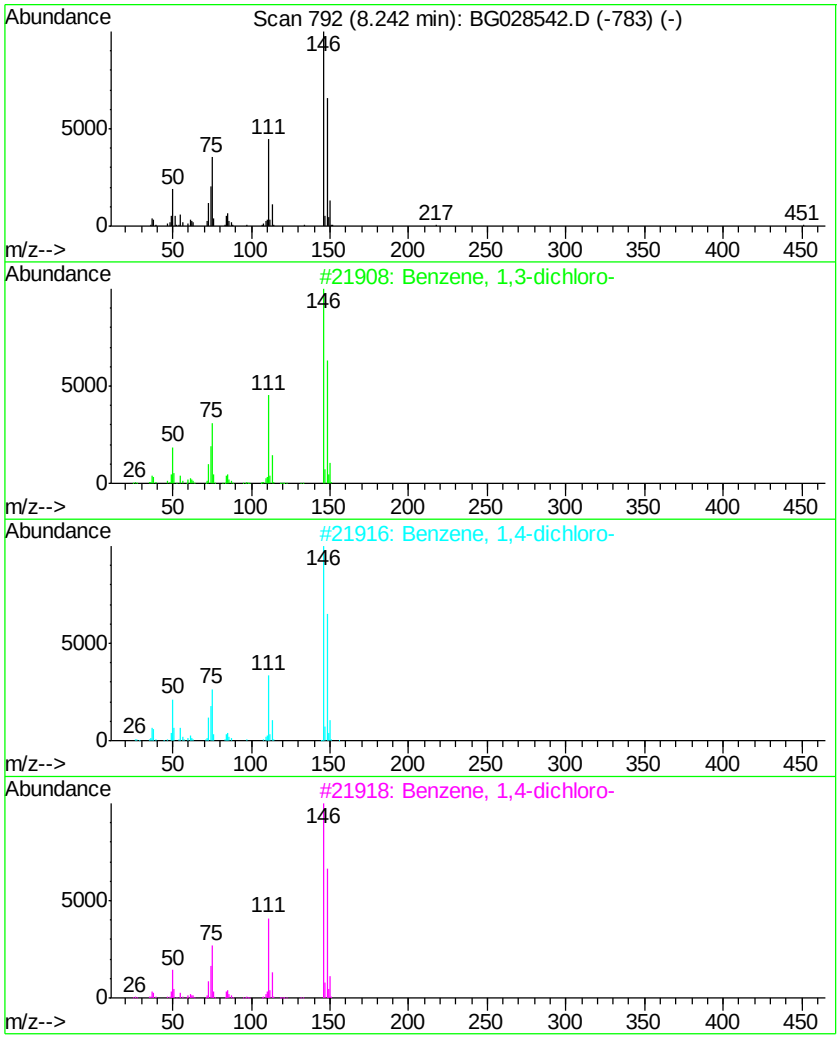
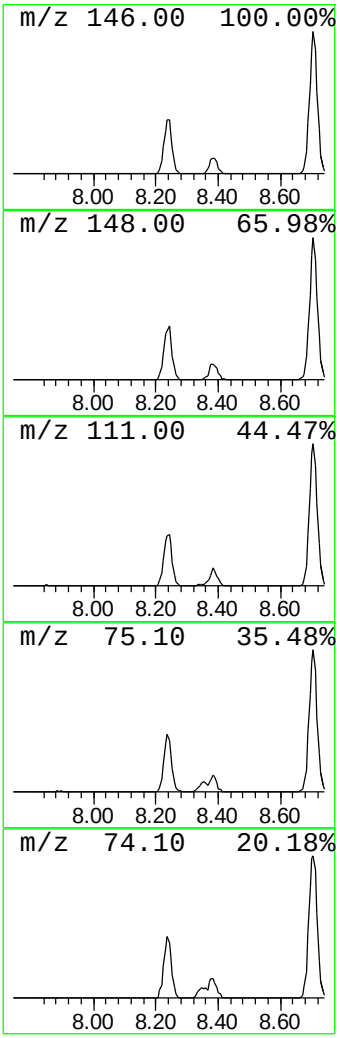
Peak Number 4 Benzene, 1,3-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	16.04 ng/ul	249036	1,4-Dichlorobenzene-d4	8.35

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	96
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	95





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Sample : I4960-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-POST1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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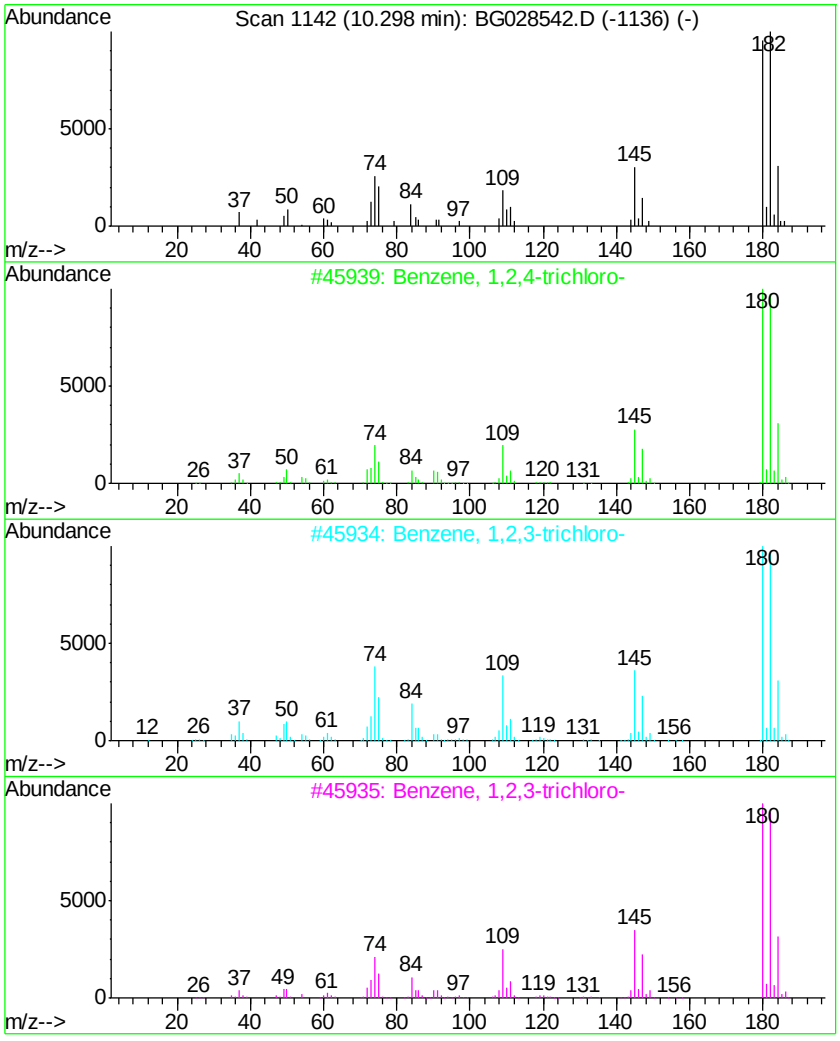
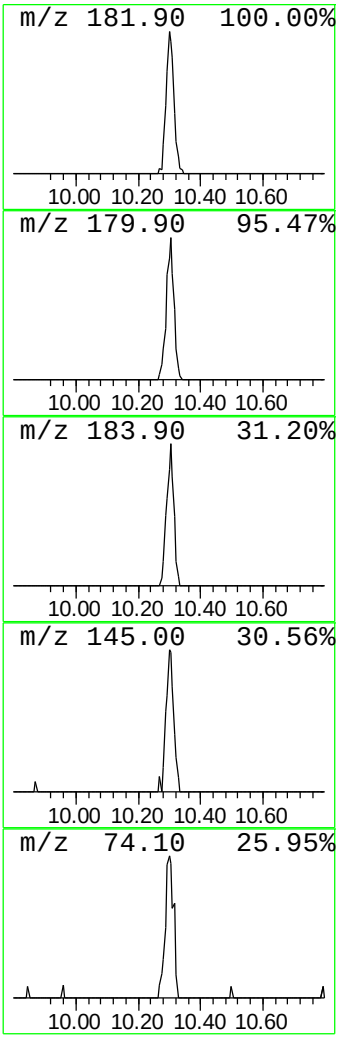
Peak Number 6 Benzene, 1,2,4-trichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	3.60 ng/ul	63976	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082917\
Data File : BG028542.D
Acq On : 29 Aug 2017 20:16
Operator : SJ/JU
Sample : I4960-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-POST1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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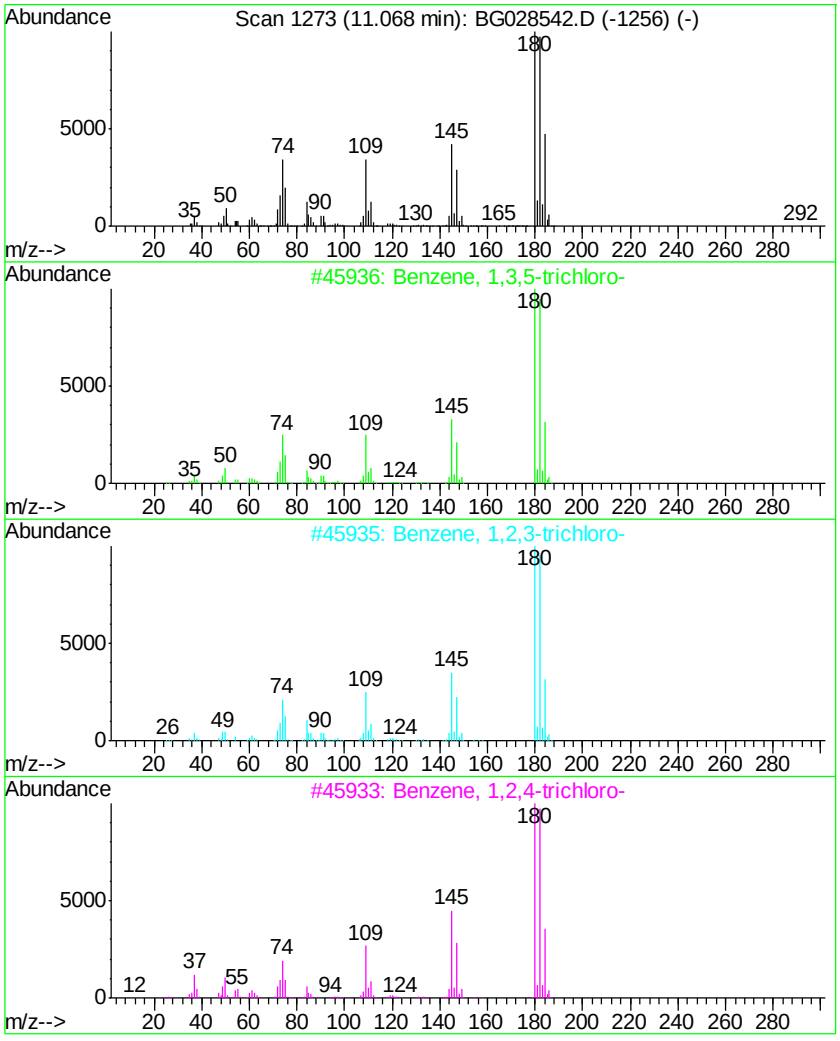
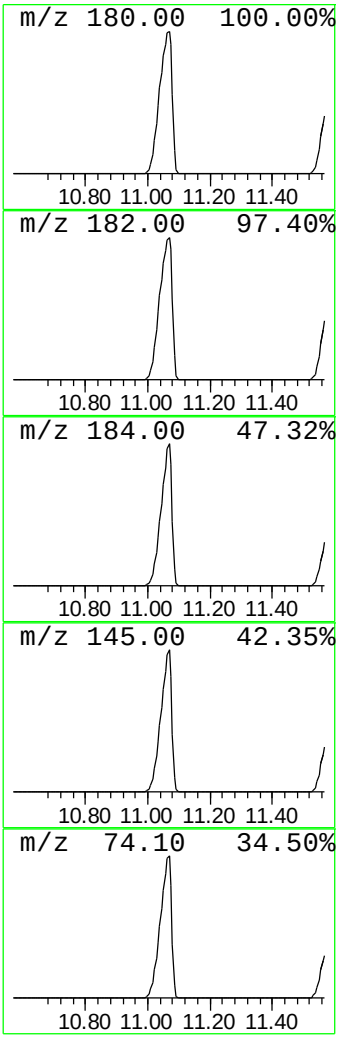
Peak Number 7 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2149.45 ng/ul	38225100	Naphthalene-d8	11.18

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	96
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	94
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	93





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-POST1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

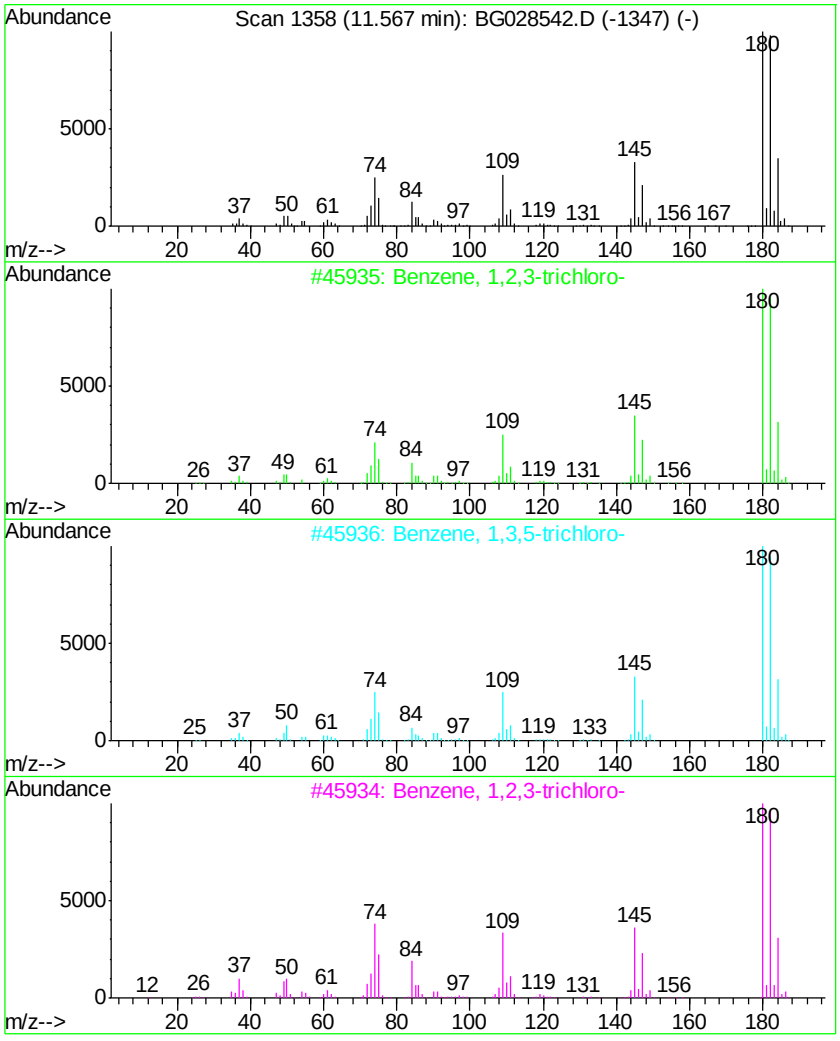
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

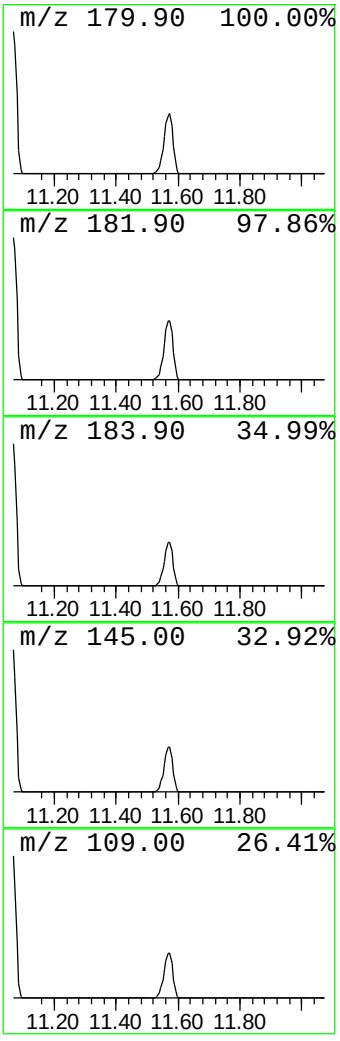
****

Peak Number 8 Benzene, 1,2,3-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	569.26 ng/ul	10123500	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	99
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-POST1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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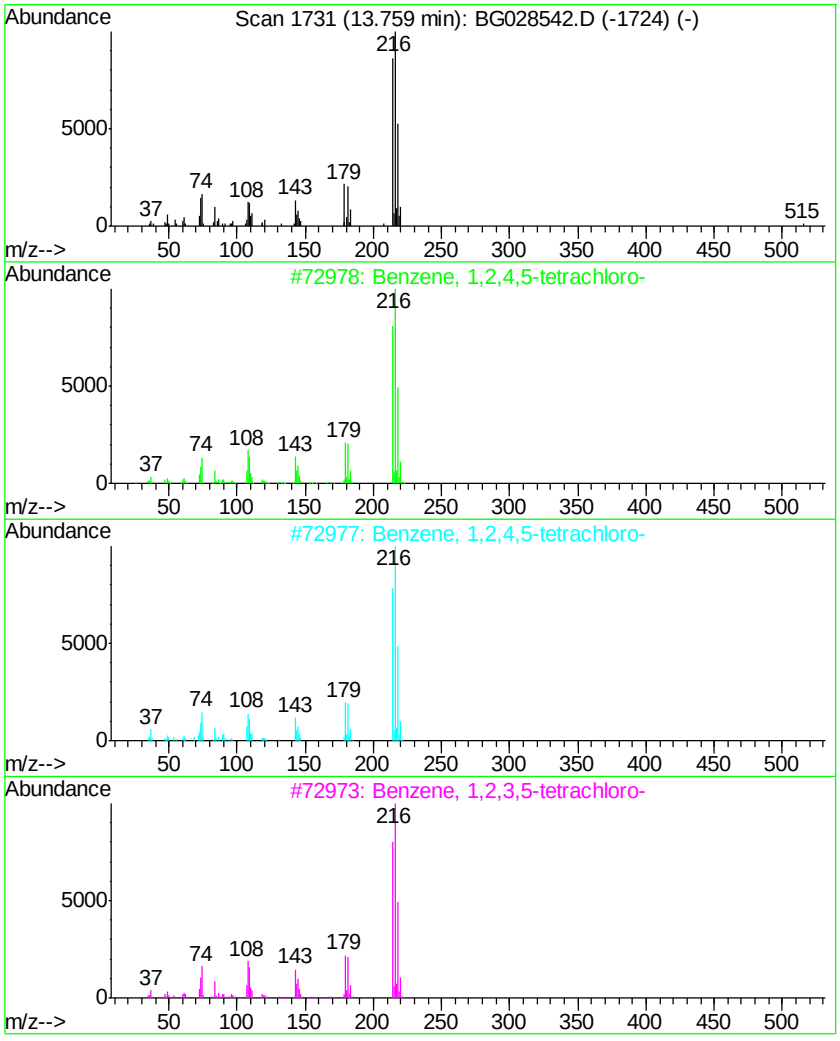
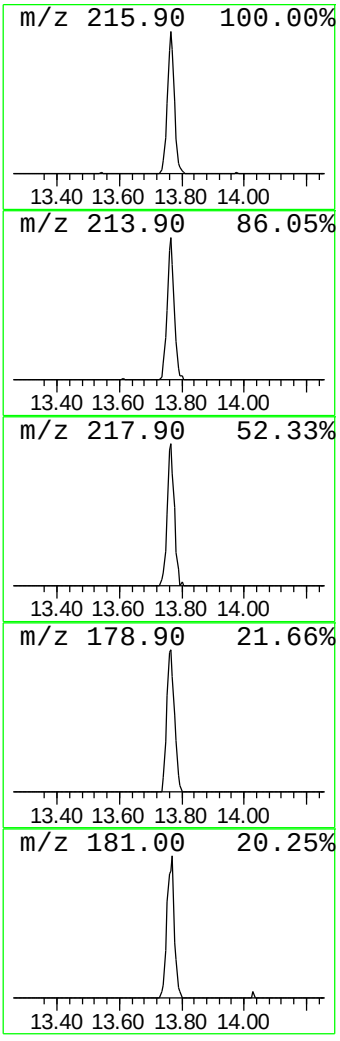
Peak Number 9 Benzene, 1,2,4,5-tetrachloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	5.82 ng/ul	145363	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
2	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
3	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	98
4	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	97
5	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	96





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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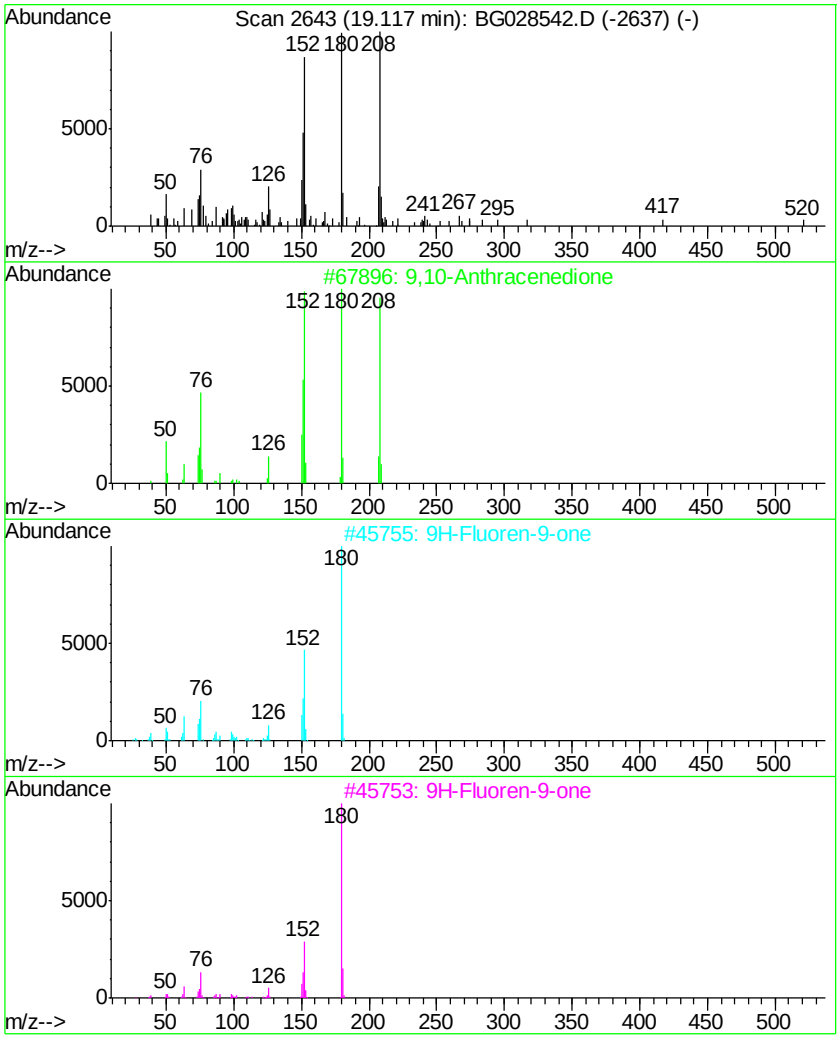
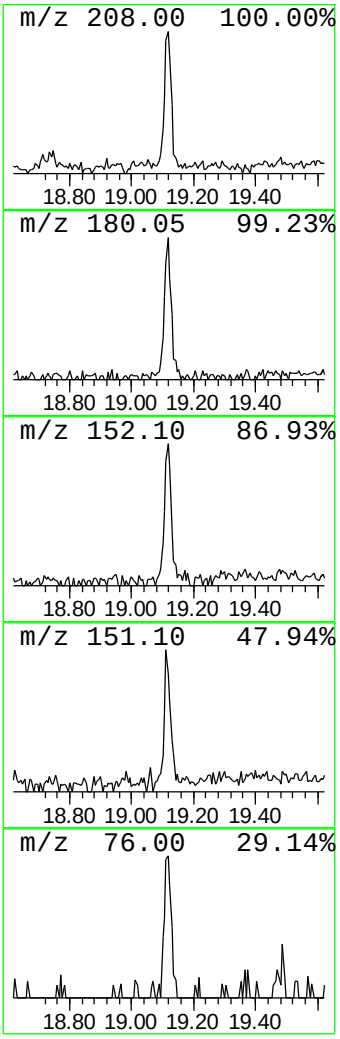
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	2.02 ng/ul	70447	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	92
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91





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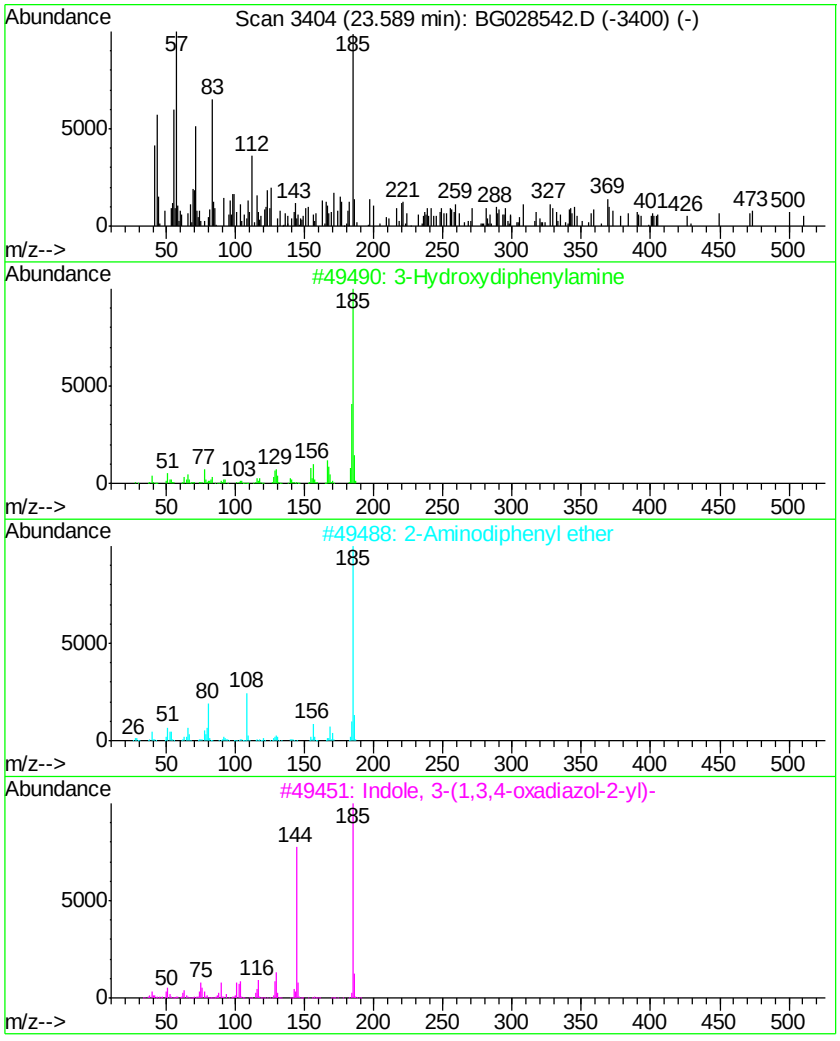
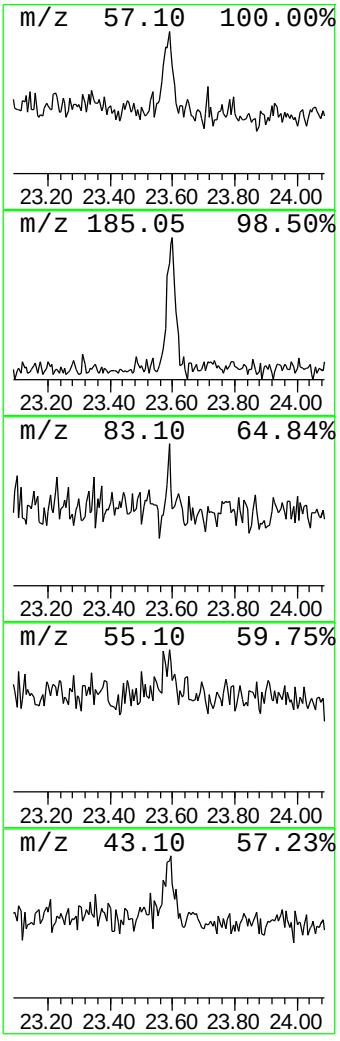
Peak Number 11 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	2.12 ng/ul	84388	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxydiphenylamine	185	C12H11NO	000101-18-8	49
2	2-Aminodiphenyl ether	185	C12H11NO	002688-84-8	49
3	Indole, 3-(1,3,4-oxadiazol-2-yl)-	185	C10H7N3O	082380-80-1	49
4	2-Naphthaleneacetic acid, 6-meth...	244	C15H16O3	030012-51-2	47
5	Sebacic acid, 2,5-dichlorophenyl...	458	C24H36Cl2O4	1000355-09-3	47





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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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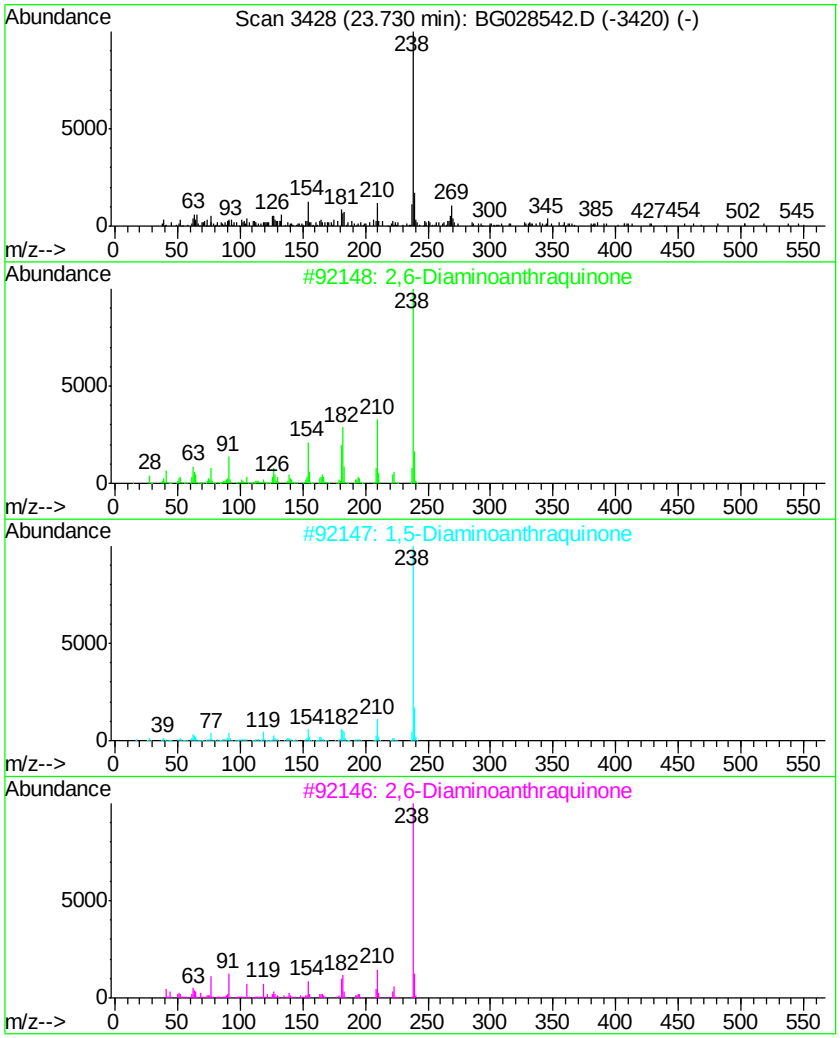
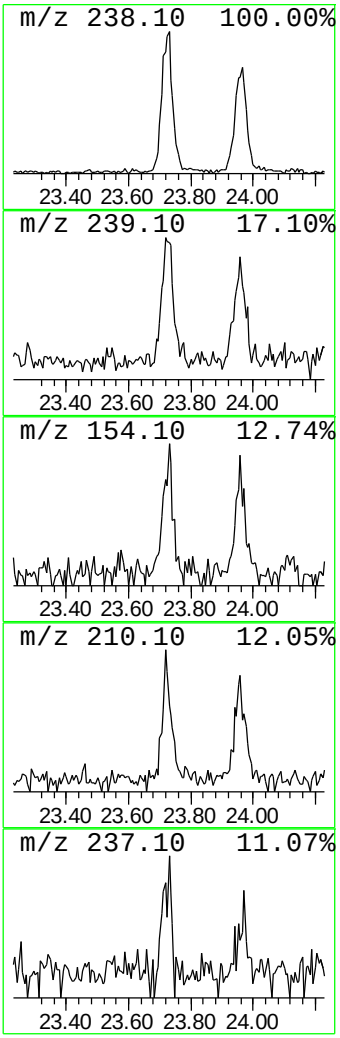
Peak Number 12 2,6-Diaminoanthraquinone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	4.13 ng/ul	164741	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Diaminoanthraquinone	238	C14H10N2O2	000131-14-6	87
2	1,5-Diaminoanthraquinone	238	C14H10N2O2	000129-44-2	81
3	2,6-Diaminoanthraquinone	238	C14H10N2O2	000131-14-6	76
4	9,10-Anthracenedione, 1,2-diamino-	238	C14H10N2O2	001758-68-5	76
5	9,10-Anthracenedione, 1,4-diamino-	238	C14H10N2O2	000128-95-0	68





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-POST1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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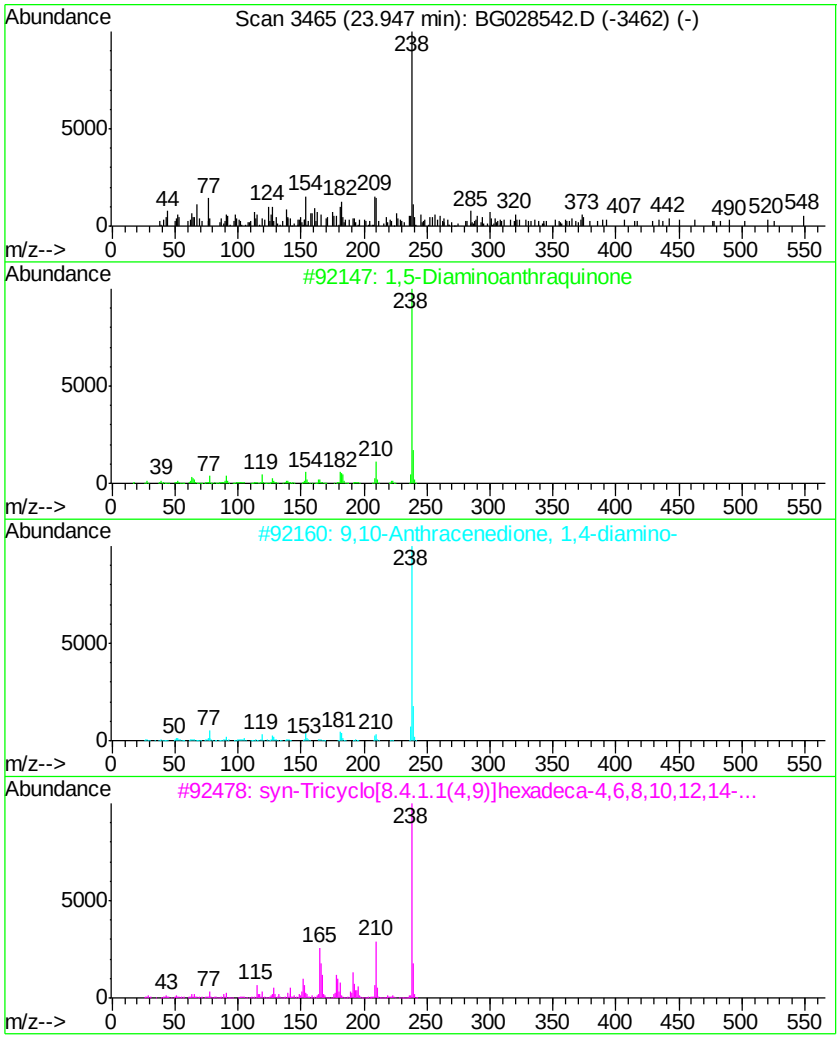
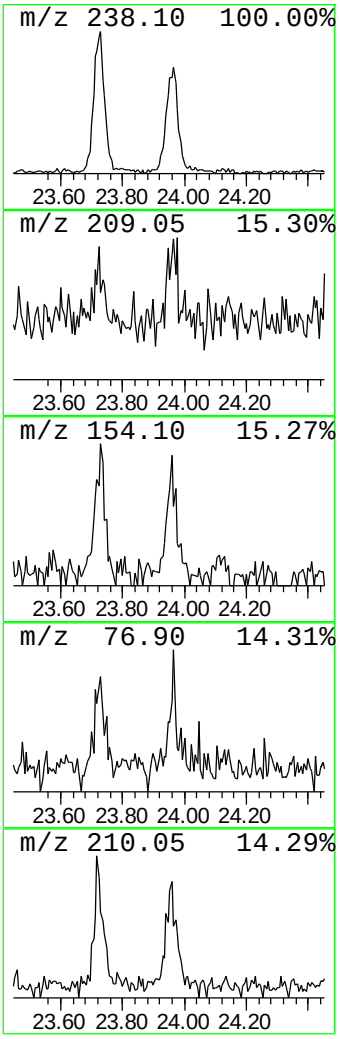
Peak Number 13 1,5-Diaminoanthraquinone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	3.22 ng/ul	128567	Perylene-d12	25.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Diaminoanthraquinone	238	C14H10N2O2	000129-44-2	76
2	9,10-Anthracenedione, 1,4-diamino-	238	C14H10N2O2	000128-95-0	70
3	syn-Tricyclo[8.4.1.1(4,9)]hexade...	238	C16H14O2	1000158-32-8	64
4	9,10-Anthracenedione, 1,2-diamino-	238	C14H10N2O2	001758-68-5	62
5	9,10-Anthracenedione, 1,2-diamino-	238	C14H10N2O2	001758-68-5	62





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082917\
Data File : BG028542.D
Acq On : 29 Aug 2017 20:16
Operator : SJ/JU
Sample : I4960-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-POST1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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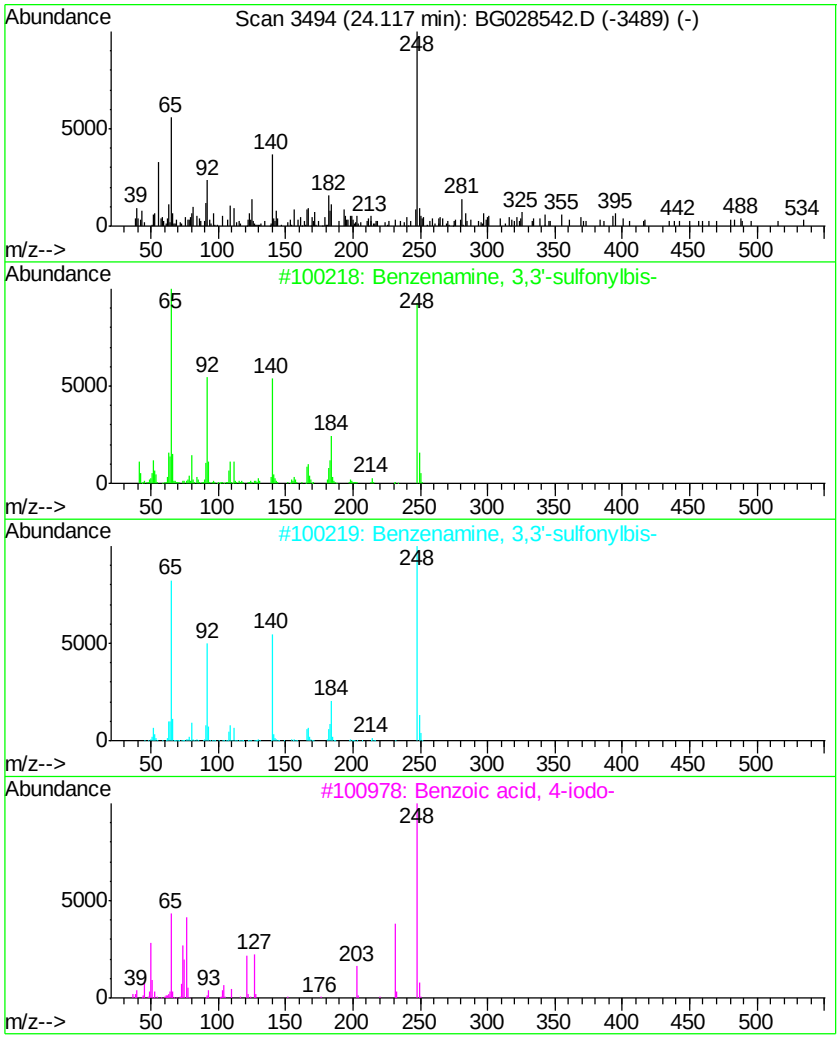
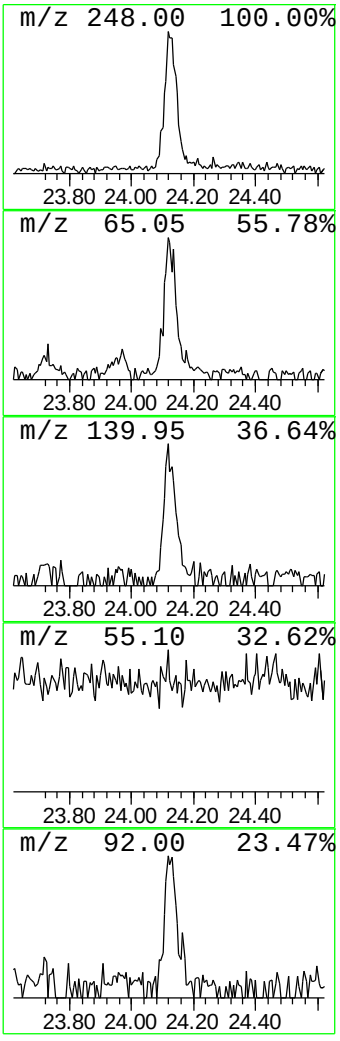
Peak Number 14 Benzenamine, 3,3'-sulfonylbis- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	2.85 ng/ul	113614	Perylene-d12	25.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3,3'-sulfonylbis-	248	C12H12N2O2S	000599-61-1	87
2	Benzenamine, 3,3'-sulfonylbis-	248	C12H12N2O2S	000599-61-1	80
3	Benzoic acid, 4-iodo-	248	C7H5IO2	000619-58-9	72
4	Benzoic acid, 2-iodo-	248	C7H5IO2	000088-67-5	72
5	3,4'-Diaminodiphenylsulfone	248	C12H12N2O2S	034262-32-3	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082917\
Data File : BG028542.D
Acq On : 29 Aug 2017 20:16
Operator : SJ/JU
Sample : I4960-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-POST1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.99	4.5	ng/ul	69268	1	8.35	310448	20.0
Benzene, 1,3-dich...	8.24	16.0	ng/ul	249036	1	8.35	310448	20.0
Benzene, 1,2,4-tr...	10.30	3.6	ng/ul	63976	2	11.18	355674	20.0
Benzene, 1,3,5-tr...	11.07	2149.4	ng/ul	38225100	2	11.18	355674	20.0
Benzene, 1,2,3-tr...	11.57	569.3	ng/ul	10123500	2	11.18	355674	20.0
Benzene, 1,2,4,5-...	13.76	5.8	ng/ul	145363	3	14.96	499888	20.0
9,10-Anthracenedione	19.12	2.0	ng/ul	70447	4	17.71	697566	20.0
unknown-01	23.59	2.1	ng/ul	84388	5	22.04	797886	20.0
2,6-Diaminoanthra...	23.73	4.1	ng/ul	164741	5	22.04	797886	20.0
1,5-Diaminoanthra...	23.95	3.2	ng/ul	128567	6	25.56	798142	20.0
Benzenamine, 3,3'...	24.12	2.9	ng/ul	113614	6	25.56	798142	20.0