

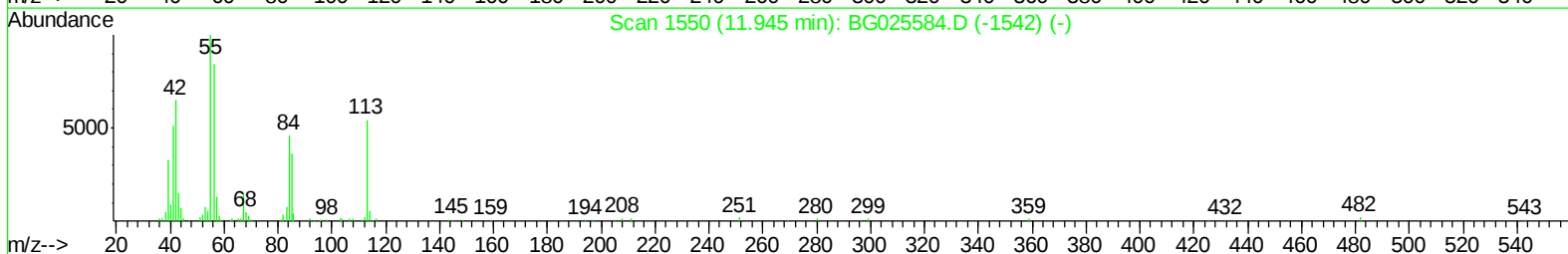
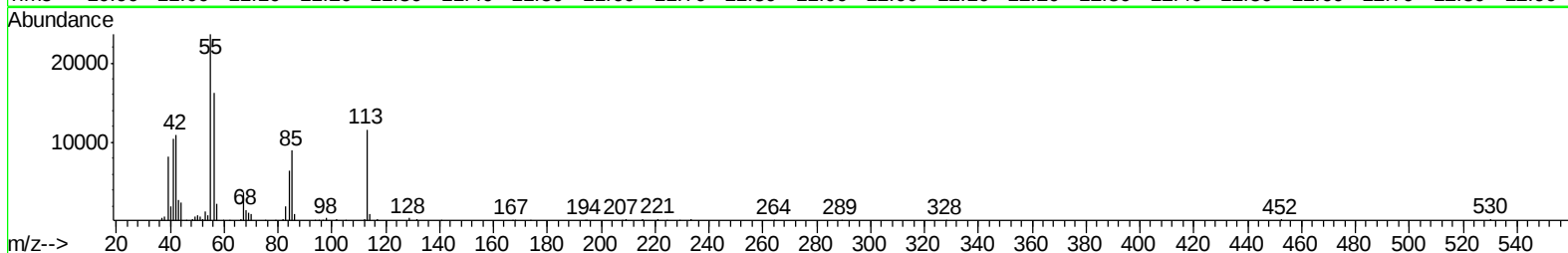
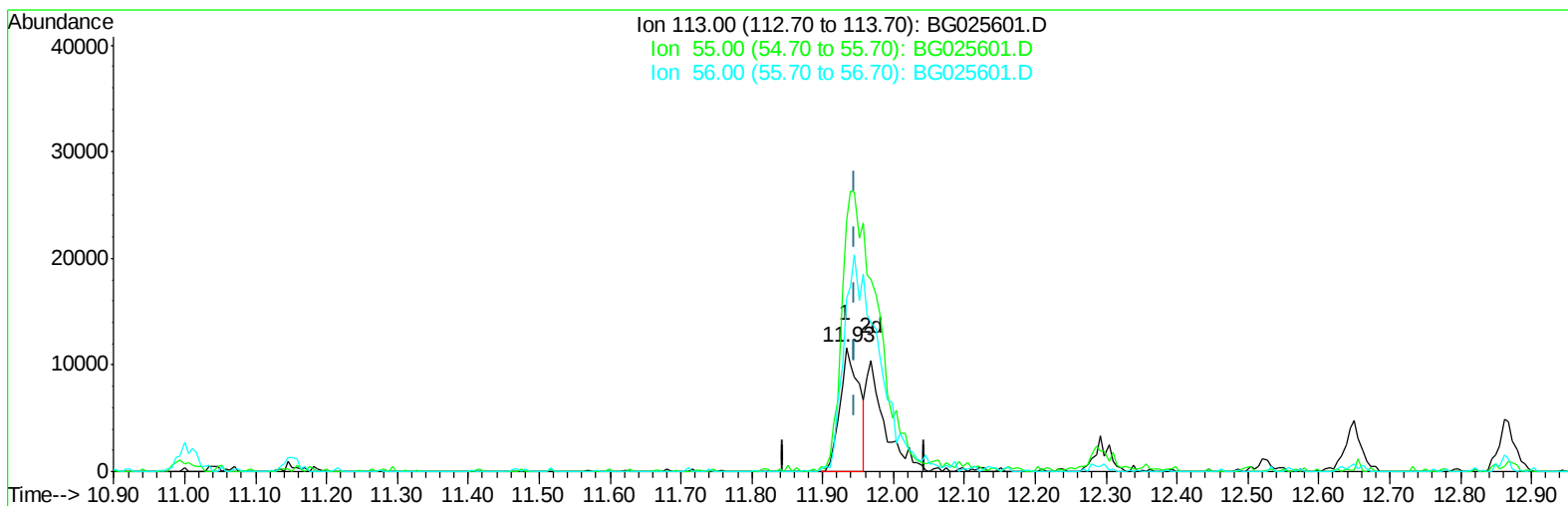
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025601.D
Acq On : 24 Jan 2017 10:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02014

Manual Integrations
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mohammad
1/25/2017 3:46:46 PM

Quant Time: Jan 25 00:45:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:46:46 2017
Response via : Initial Calibration



TIC: BG025601.D

(32) Caprolactam

11.933min (-0.011) 11.48ng/ul

response 21700

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	203.08
56.00	160.60	139.49
0.00	0.00	0.00

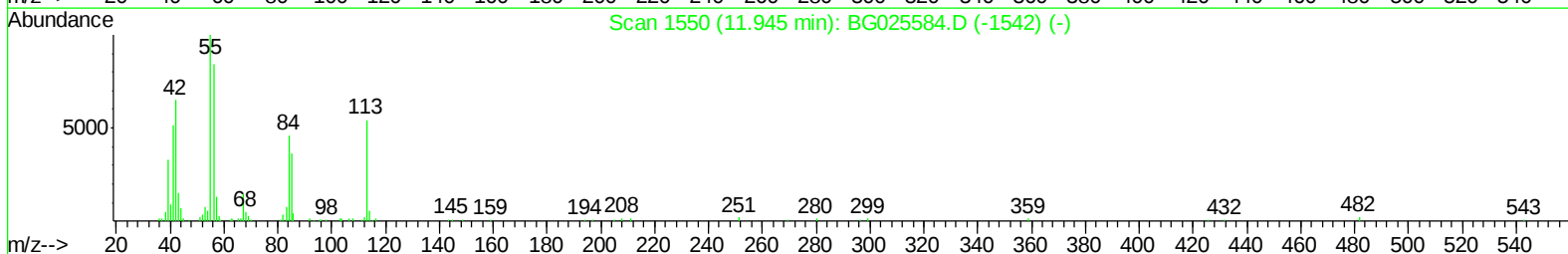
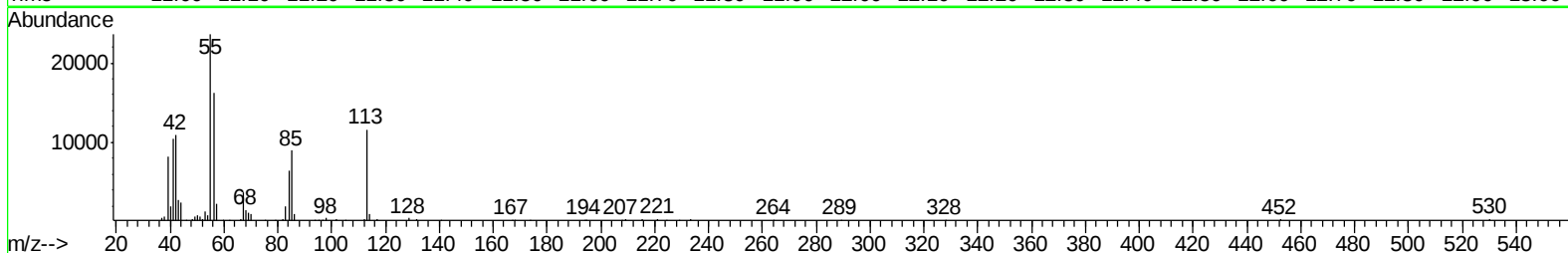
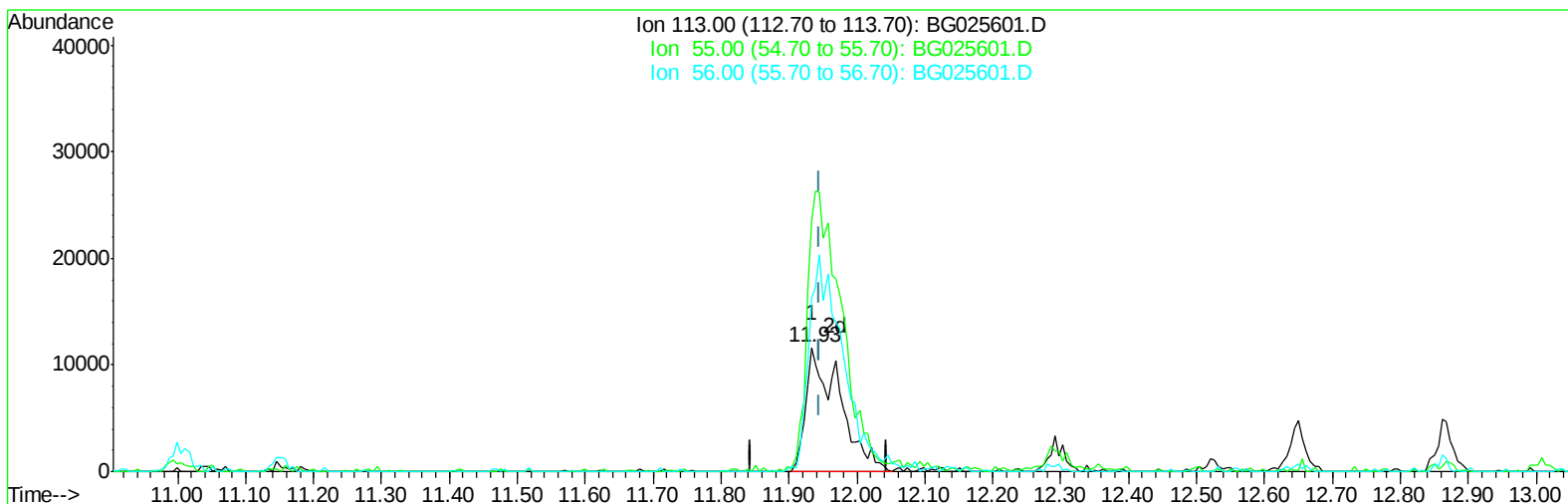
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025601.D
Acq On : 24 Jan 2017 10:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
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Manual Integrations
APPROVED

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Quant Time: Jan 25 00:45:24 2017
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG025601.D

(32) Caprolactam

11.933min (-0.011) 21.46ng/ul m

response 40557

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	203.08
56.00	160.60	139.49
0.00	0.00	0.00

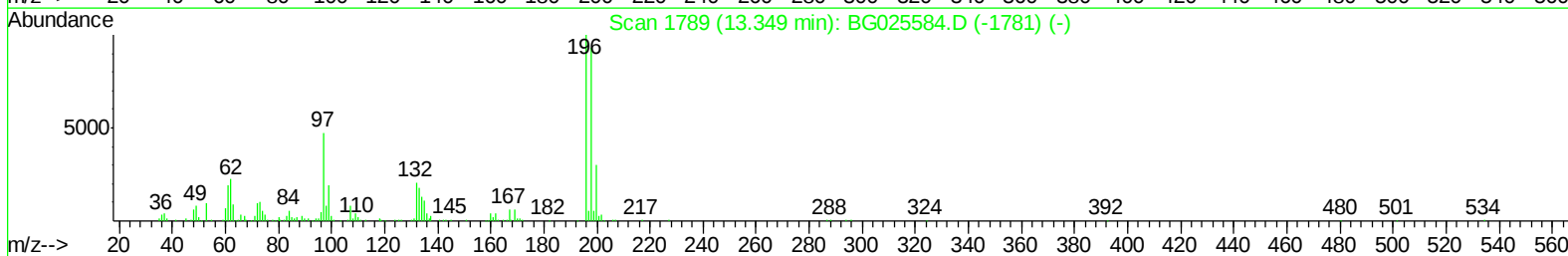
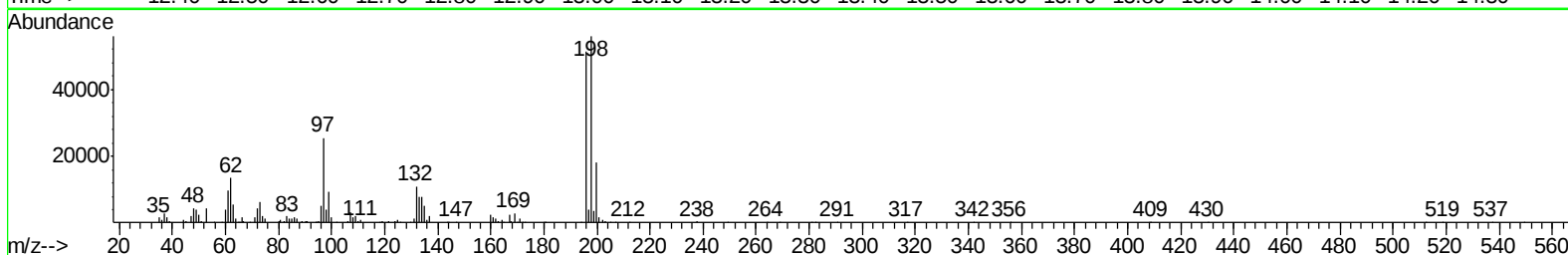
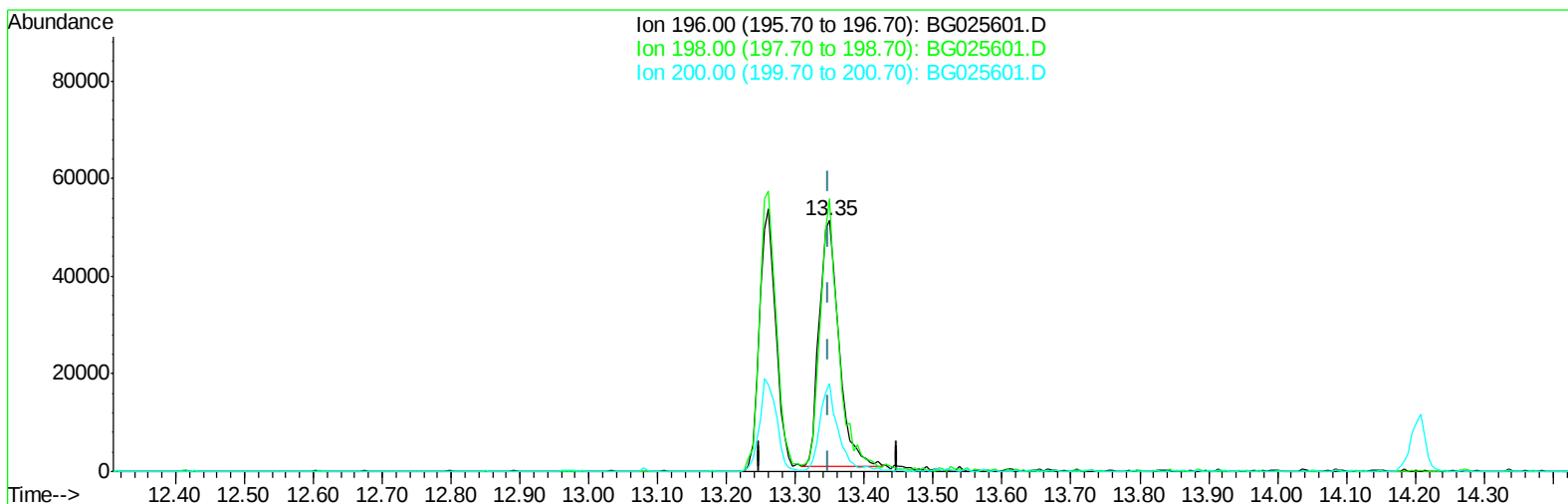
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025601.D
Acq On : 24 Jan 2017 10:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual Integrations
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Quant Time: Jan 25 00:45:24 2017
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Quant Title : SVOA CALIBRATION
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TIC: BG025601.D

(39) 2,4,5-Trichlorophenol

13.349min (+0.000) 20.51ng/ul

response 99541

Ion	Exp%	Act%
196.00	100	100
198.00	98.30	109.11
200.00	34.10	35.34
0.00	0.00	0.00

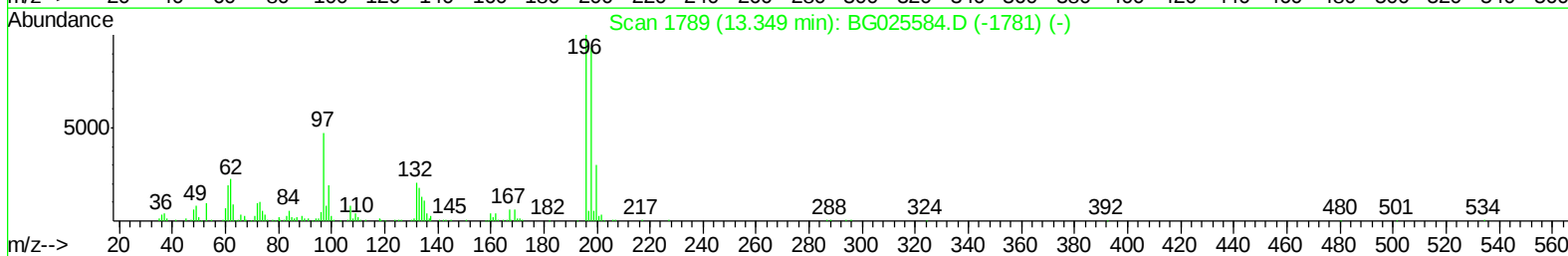
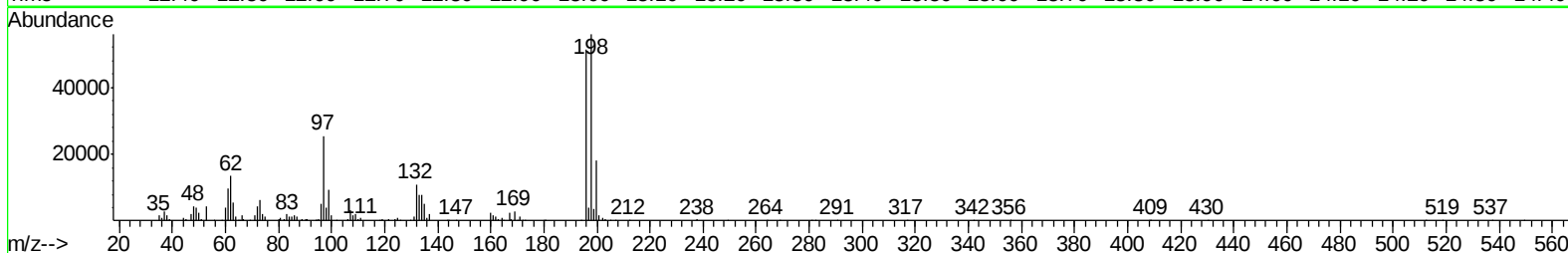
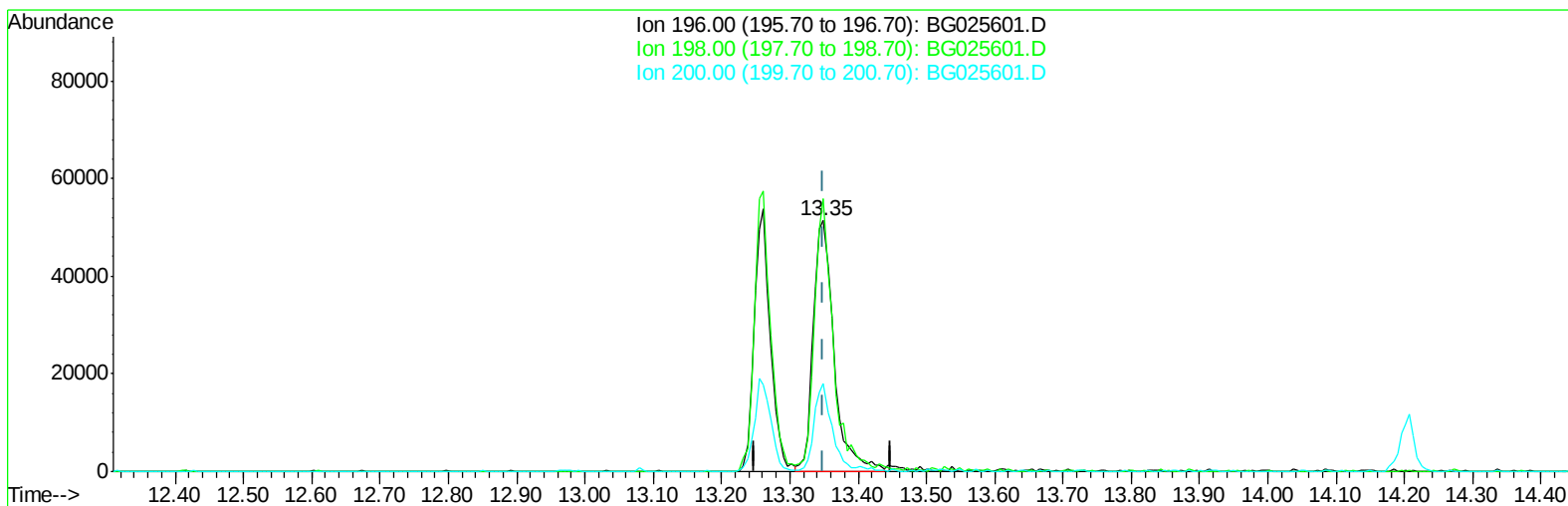
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025601.D
Acq On : 24 Jan 2017 10:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02014

Manual Integrations
APPROVED

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1/25/2017 3:46:46 PM

Quant Time: Jan 25 00:45:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:46:46 2017
Response via : Initial Calibration



TIC: BG025601.D

(39) 2,4,5-Trichlorophenol

13.349min (+0.000) 22.17ng/ul m

response 107586

Ion	Exp%	Act%
196.00	100	100
198.00	98.30	109.11
200.00	34.10	35.34
0.00	0.00	0.00

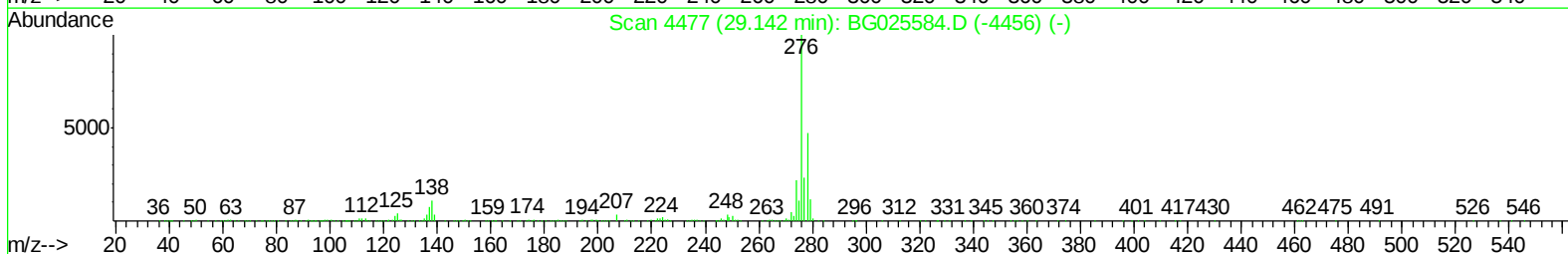
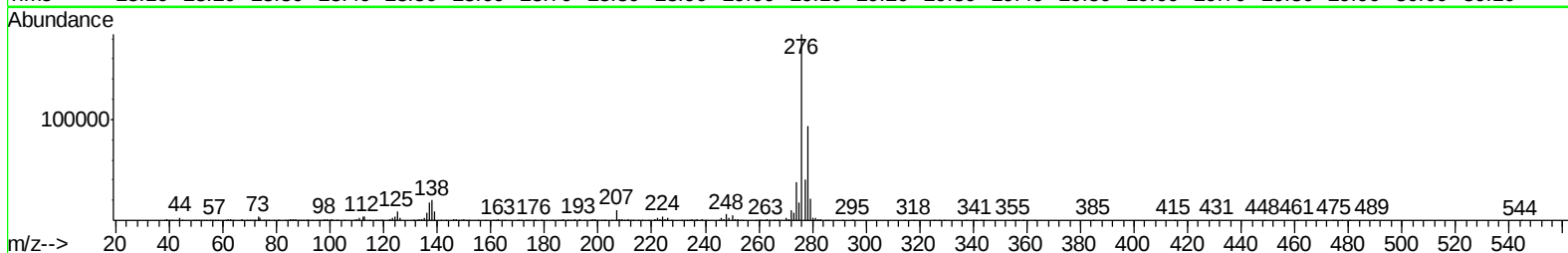
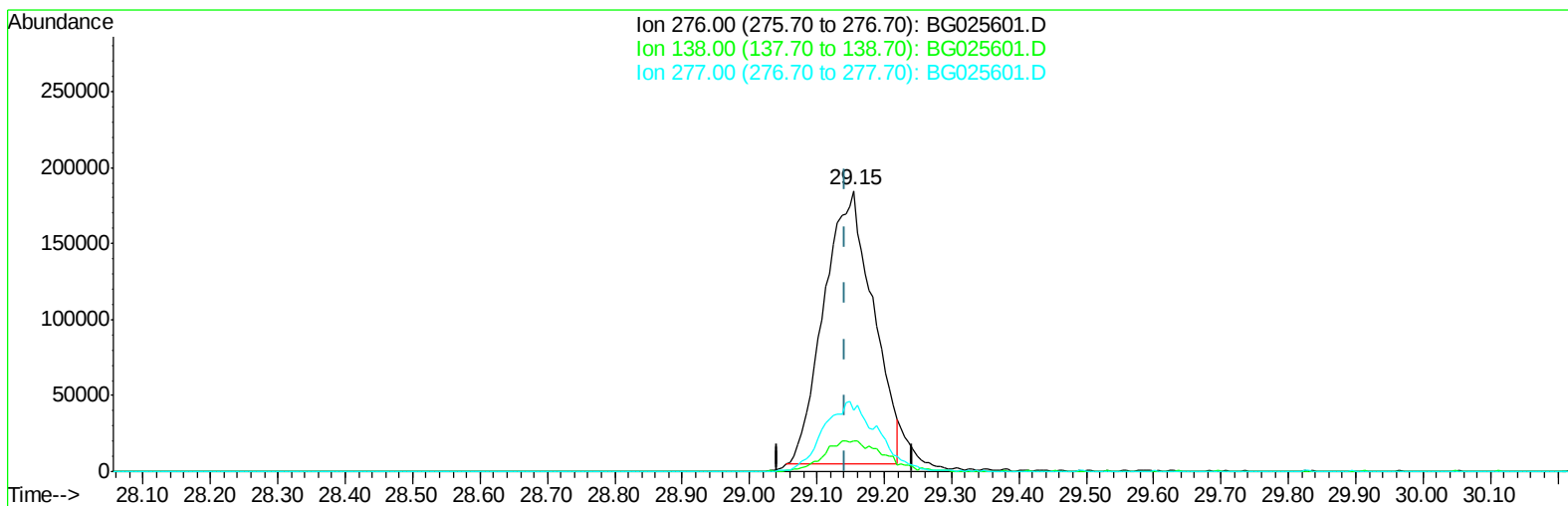
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025601.D
Acq On : 24 Jan 2017 10:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual Integrations
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Quant Time: Jan 25 00:45:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:46:46 2017
Response via : Initial Calibration



TIC: BG025601.D

(89) Indeno(1,2,3-cd)pyrene
29.154min (+0.012) 18.99ng/ul
response 903104

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	11.00
277.00	23.30	21.88
0.00	0.00	0.00

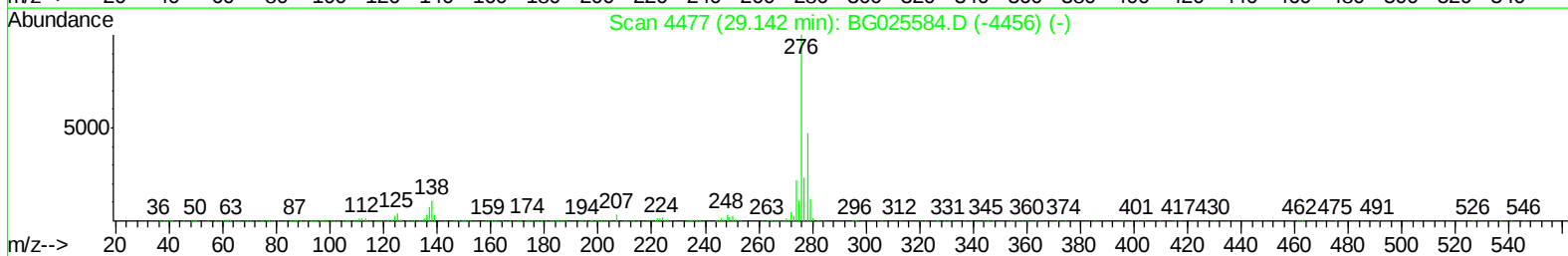
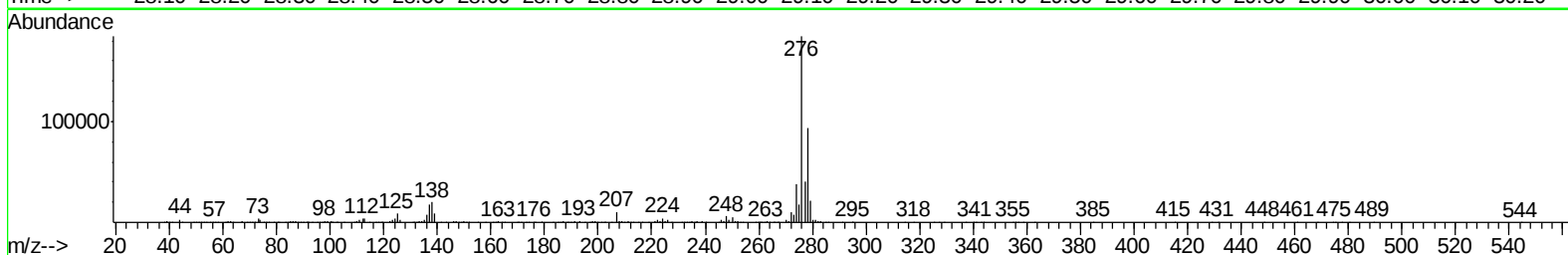
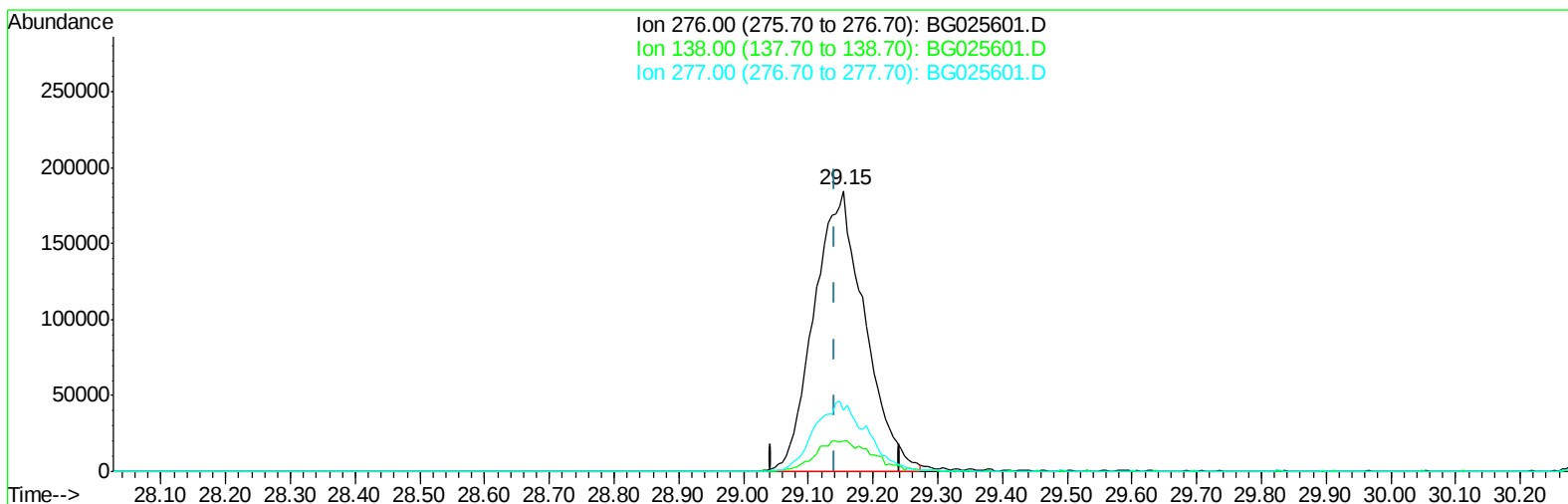
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025601.D
Acq On : 24 Jan 2017 10:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02014

Manual Integrations
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mohammad
1/25/2017 3:46:46 PM

Quant Time: Jan 25 00:45:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:46:46 2017
Response via : Initial Calibration



TIC: BG025601.D

(89) Indeno(1,2,3-cd)pyrene

29.154min (+0.012) 21.04ng/ul m

response 1000599

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	11.00
277.00	23.30	21.88
0.00	0.00	0.00

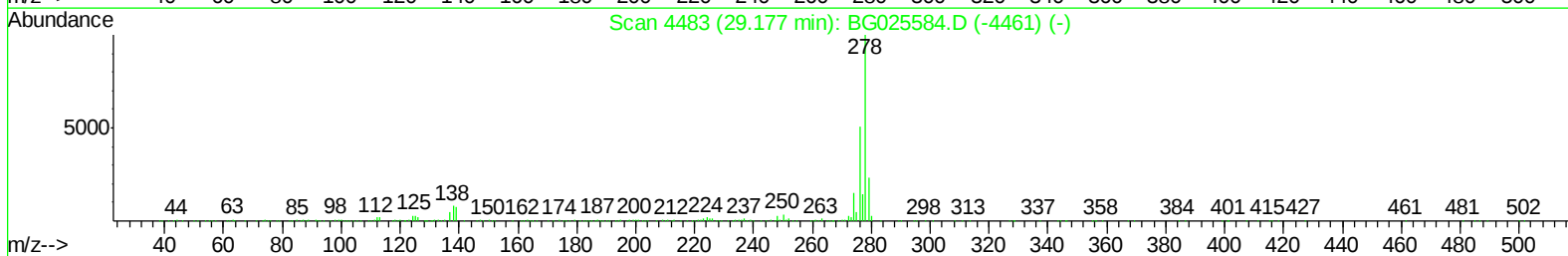
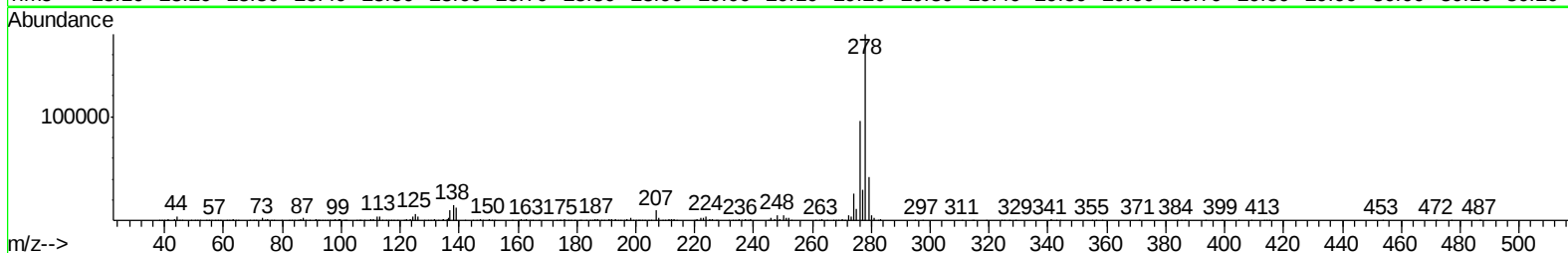
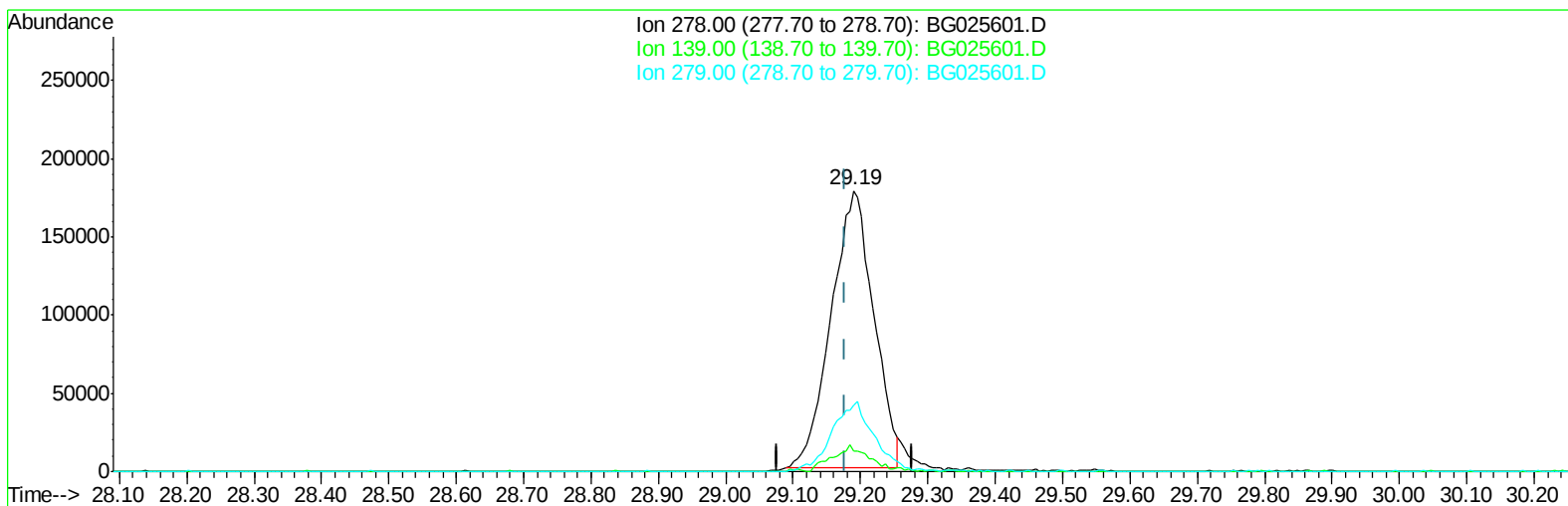
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025601.D
Acq On : 24 Jan 2017 10:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02014

Manual Integrations
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Quant Time: Jan 25 00:45:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG025601.D

(90) Dibenzo(a,h)anthracene

29.190min (+0.012) 19.56ng/ul

response 774962

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	7.21
279.00	26.10	23.52
0.00	0.00	0.00

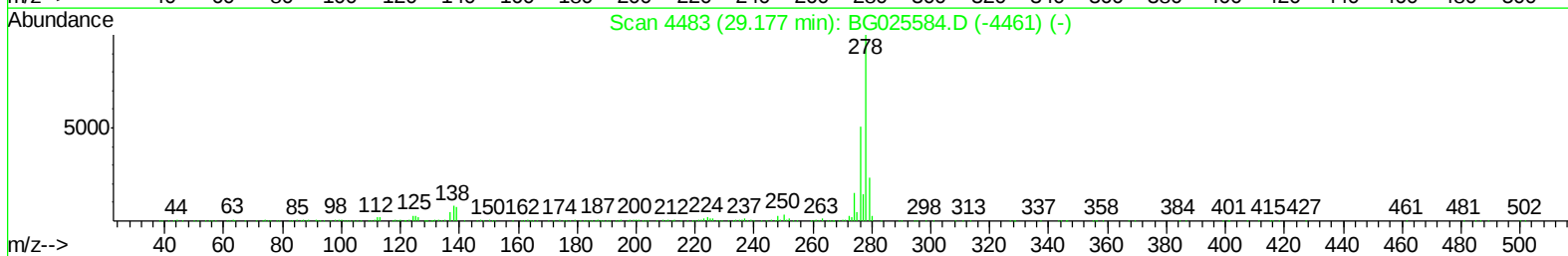
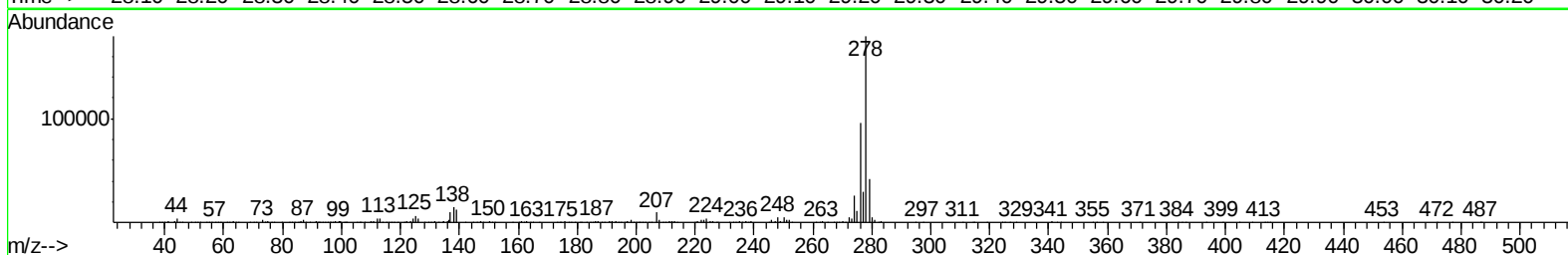
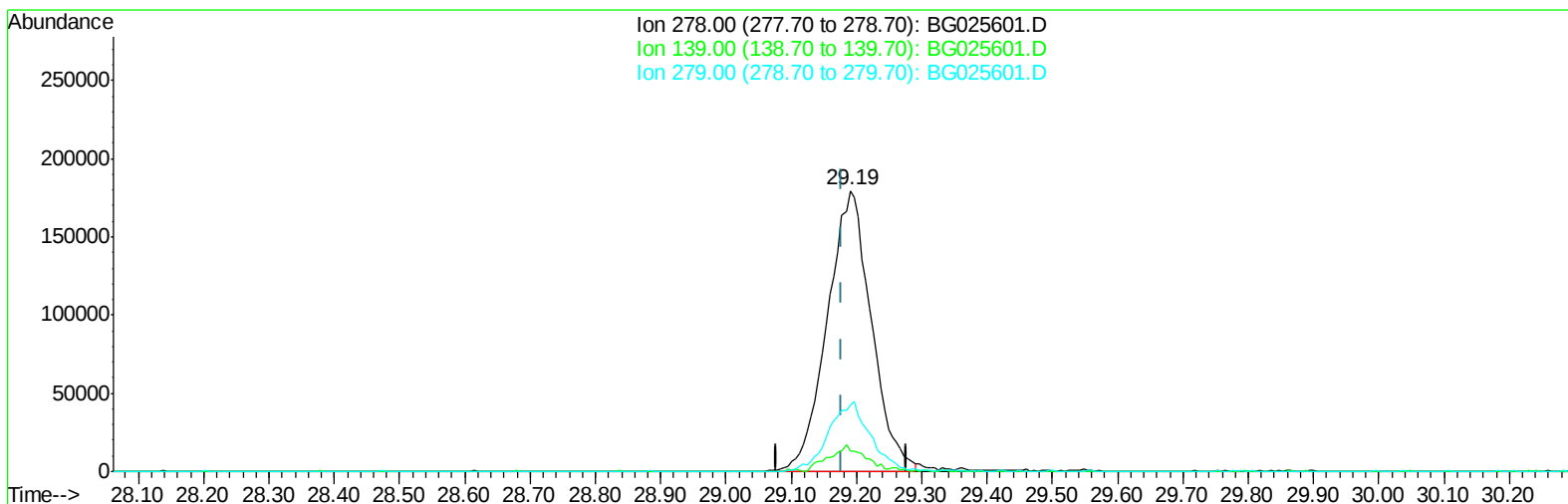
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025601.D
Acq On : 24 Jan 2017 10:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02014

Manual Integrations
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1/25/2017 3:46:46 PM

Quant Time: Jan 25 00:45:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:46:46 2017
Response via : Initial Calibration



TIC: BG025601.D

(90) Dibenzo(a,h)anthracene

29.190min (+0.012) 20.83ng/ul m

response 825286

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	7.21
279.00	26.10	23.52
0.00	0.00	0.00

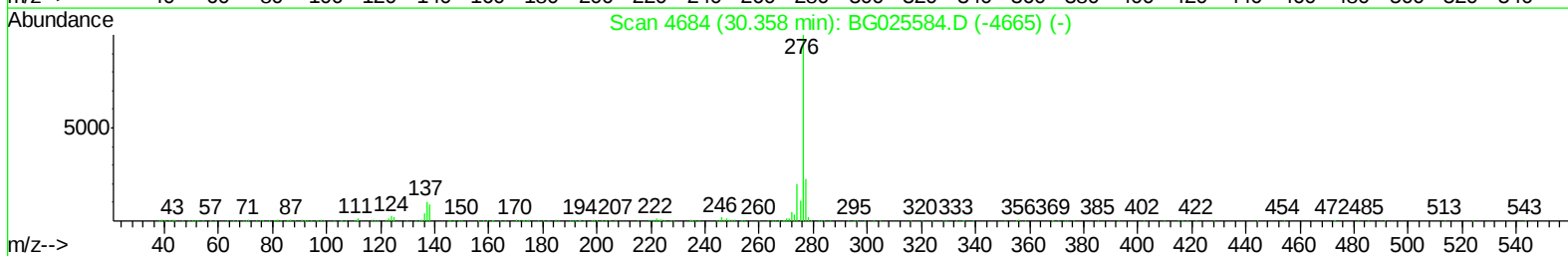
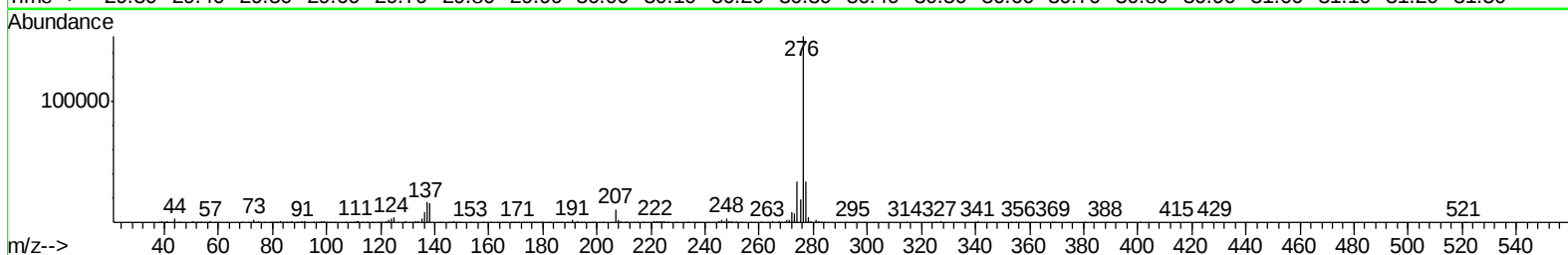
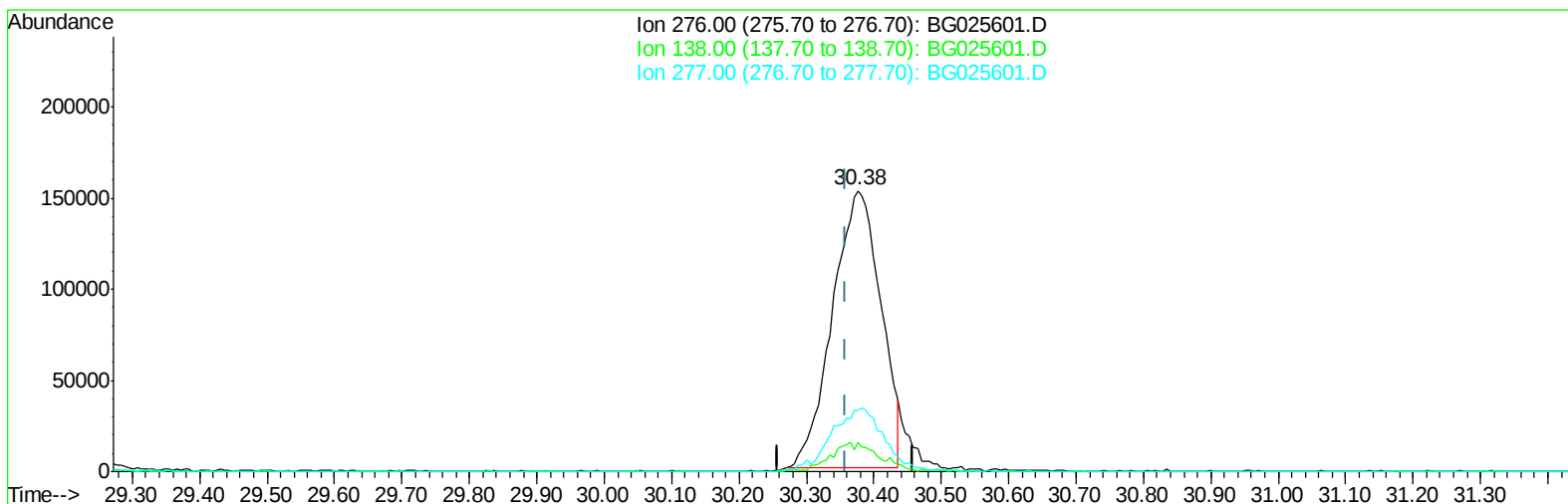
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Data File : BG025601.D
Acq On : 24 Jan 2017 10:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02014

Manual Integrations
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1/25/2017 3:46:46 PM

Quant Time: Jan 25 00:45:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:46:46 2017
Response via : Initial Calibration



TIC: BG025601.D

(91) Benzo(g,h,i)perylene

30.376min (+0.018) 19.31ng/ul

response 754176

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	10.65
277.00	22.00	21.73
0.00	0.00	0.00

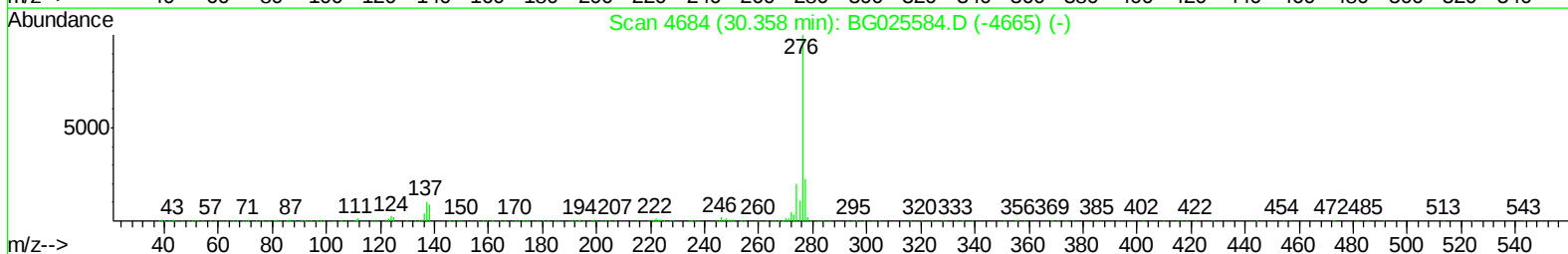
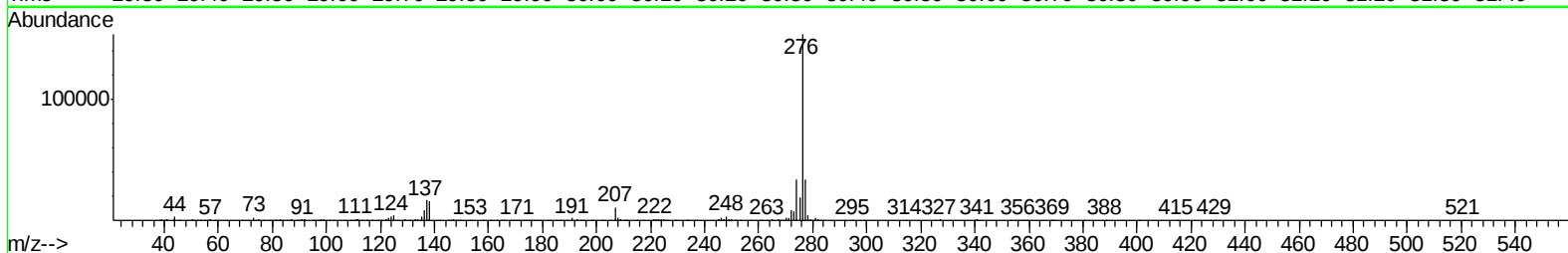
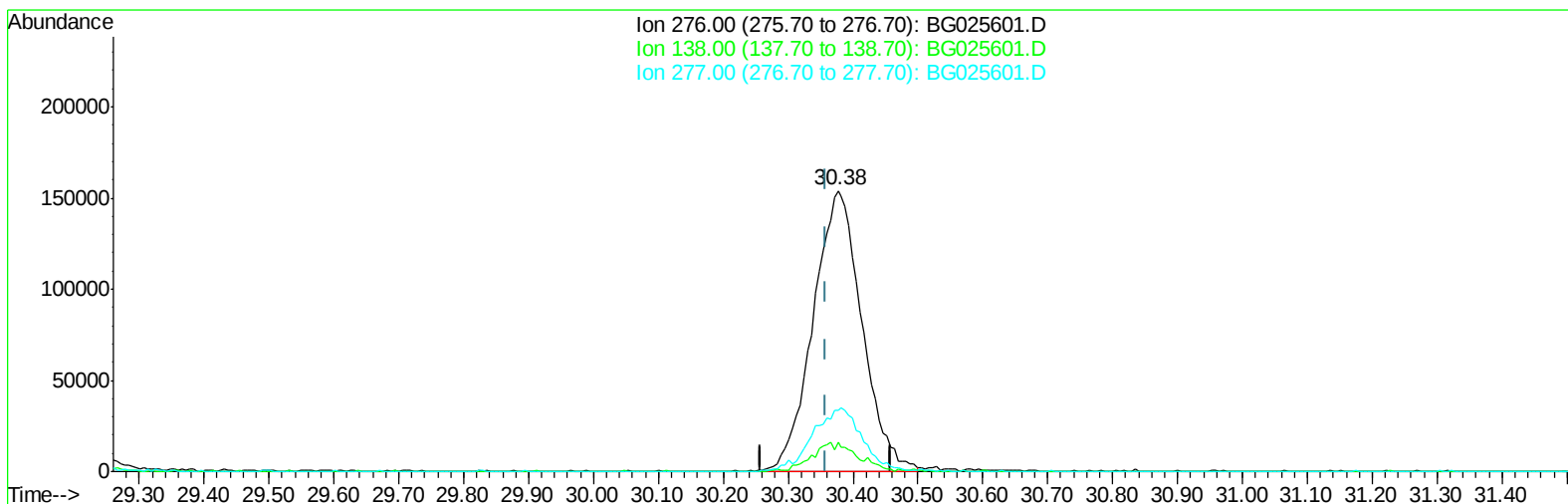
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02014

Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:46:46 2017
Response via : Initial Calibration



TIC: BG025601.D

(91) Benzo(g,h,i)perylene

30.376min (+0.018) 20.97ng/ul m

response 819095

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	10.65
277.00	22.00	21.73
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
 Data File : BG025601.D
 Acq On : 24 Jan 2017 10:37
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02014

Manual Integrations
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 04:46:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	60404	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	277465	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	253815	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	607951	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	744427	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	767161	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	9046	7.49	ng/uL	0.00
5) Phenol-d5	7.34	99	109431	21.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	76812	22.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	78058	21.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	94918	21.57	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	42080	21.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	47877	20.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	99944	21.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	120175	23.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	386252	21.55	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	428449	22.13	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	45194	18.40	ng/ul	0.00
57) Fluorene-d10	15.80	176	352989	20.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	74681	19.92	ng/ul	0.00
70) Anthracene-d10	17.66	188	557530	21.54	ng/ul	0.00
76) Pyrene-d10	19.93	212	702954	22.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	680569	21.11	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.55	88	11905	8.35 ng/uL#	90
4) Benzaldehyde	7.32	77	88285	24.76 ng/ul	95
6) Phenol	7.37	94	116887	21.49 ng/ul	93
8) Bis(2-Chloroethyl)ether	7.59	93	87795	22.60 ng/ul	93
10) 2-Chlorophenol	7.74	128	76866	21.25 ng/ul	96
11) 2-Methylphenol	8.63	108	87543	21.61 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.70	45	168923	22.89 ng/ul	96
14) Acetophenone	9.01	105	150219	21.86 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.98	70	94030	22.86 ng/ul#	95
16) 4-Methylphenol	8.96	108	92524	20.83 ng/ul	87
17) Hexachloroethane	9.25	117	34487	20.48 ng/ul#	86
20) Nitrobenzene	9.41	77	137730	21.87 ng/ul	93
21) Isophorone	9.92	82	265170	22.42 ng/ul	96
23) 2-Nitrophenol	10.12	139	53773	22.43 ng/ul	84
24) 2,4-Dimethylphenol	10.16	107	124075	21.47 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.39	93	134889	22.61 ng/ul#	88
27) 2,4-Dichlorophenol	10.66	162	101564	22.59 ng/ul	92
28) Naphthalene	11.06	128	284289	22.19 ng/ul	97
30) 4-Chloroaniline	11.18	127	122775	23.55 ng/ul	95
31) Hexachlorobutadiene	11.31	225	78602	20.01 ng/ul#	80
32) Caprolactam	11.93	113	40557m	21.46 ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	123100	22.54 ng/ul	99
34) 2-Methylnaphthalene	12.65	142	233818	22.36 ng/ul	97

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
 Data File : BG025601.D
 Acq On : 24 Jan 2017 10:37
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02014

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:46:46 PM

Quant Time: Jan 25 00:47:46 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 04:46:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	162782	21.30	ng/ul	95
37) Hexachlorocyclopentadiene	12.97	237	65781	21.81	ng/ul#	89
38) 2,4,6-Trichlorophenol	13.26	196	89878	19.42	ng/ul	85
39) 2,4,5-Trichlorophenol	13.35	196	107586m	22.17	ng/ul	
40) 1,1'-Biphenyl	13.64	154	331896	21.10	ng/ul	98
41) 2-Chloronaphthalene	13.70	162	255546	20.94	ng/ul	95
42) 2-Nitroaniline	13.91	65	112912	21.33	ng/ul	91
44) Dimethylphthalate	14.25	163	378506	21.48	ng/ul	99
45) 2,6-Dinitrotoluene	14.40	165	82812	22.82	ng/ul#	88
47) Acenaphthylene	14.54	152	408363	21.66	ng/ul	99
48) 3-Nitroaniline	14.74	138	74115	22.58	ng/ul#	97
49) Acenaphthene	14.87	153	280074	20.86	ng/ul	97
50) 2,4-Dinitrophenol	14.97	184	44399	20.82	ng/ul#	81
52) 4-Nitrophenol	15.06	109	64571	18.98	ng/ul#	84
53) Dibenzofuran	15.21	168	443135	21.47	ng/ul	96
54) 2,4-Dinitrotoluene	15.19	165	123152	22.26	ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.44	232	106673	20.78	ng/ul#	96
56) Diethylphthalate	15.60	149	400923	21.04	ng/ul	95
58) Fluorene	15.85	166	365172	21.67	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.83	204	200429	21.08	ng/ul	93
60) 4-Nitroaniline	15.90	138	69595	21.90	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.96	198	77984	20.17	ng/ul#	96
64) N-Nitrosodiphenylamine	16.05	169	342558	21.86	ng/ul	93
65) 4-Bromophenyl-phenylether	16.73	248	150896	21.39	ng/ul	93
66) Hexachlorobenzene	16.86	284	167207	20.85	ng/ul	98
67) Atrazine	16.99	200	159790	21.70	ng/ul	94
68) Pentachlorophenol	17.22	266	57595	17.27	ng/ul	96
69) Phenanthrene	17.60	178	644752	21.82	ng/ul	99
71) Anthracene	17.69	178	643700	21.67	ng/ul	99
72) Carbazole	17.97	167	561658	22.79	ng/ul	99
73) Di-n-butylphthalate	18.48	149	703768	22.09	ng/ul	99
74) Fluoranthene	19.60	202	818044	23.45	ng/ul	97
77) Pyrene	19.97	202	817529	22.33	ng/ul#	96
78) Butylbenzylphthalate	20.81	149	315760	22.18	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.73	252	317038	23.21	ng/ul	99
80) Benzo(a)anthracene	21.83	228	855723	21.75	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	444965	22.39	ng/ul	100
82) Chrysene	21.90	228	794684	21.48	ng/ul	98
84) Di-n-octyl phthalate	22.92	149	758713	23.04	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	868821	21.88	ng/ul	100
86) Benzo(k)fluoranthene	24.22	252	780823	20.96	ng/ul	98
88) Benzo(a)pyrene	25.08	252	808579	21.53	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.15	276	1000599m	21.04	ng/ul	
90) Dibenzo(a,h)anthracene	29.19	278	825286m	20.83	ng/ul	
91) Benzo(g,h,i)perylene	30.38	276	819095m	20.97	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

