

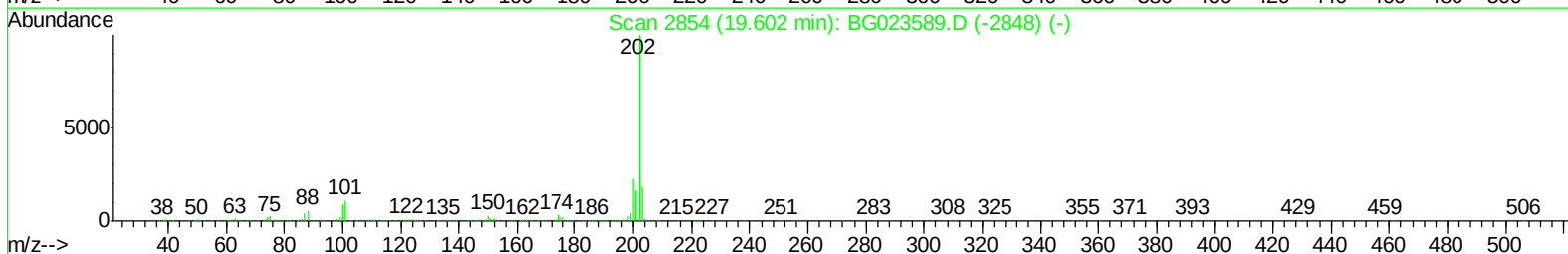
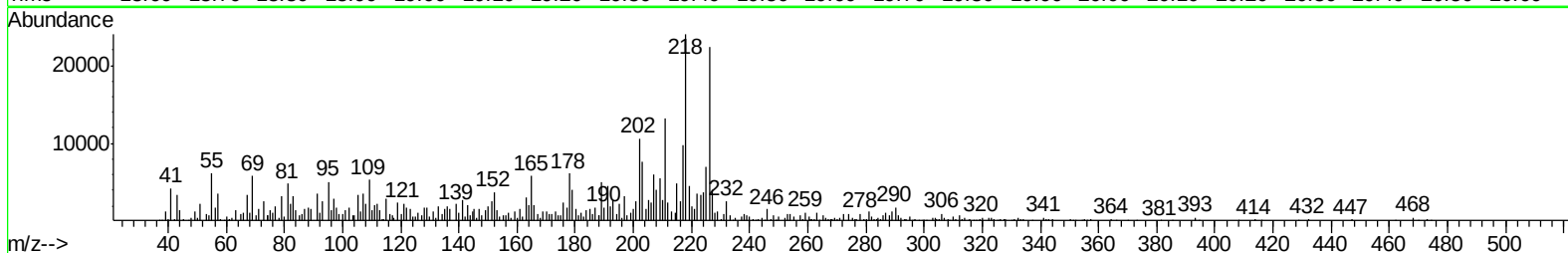
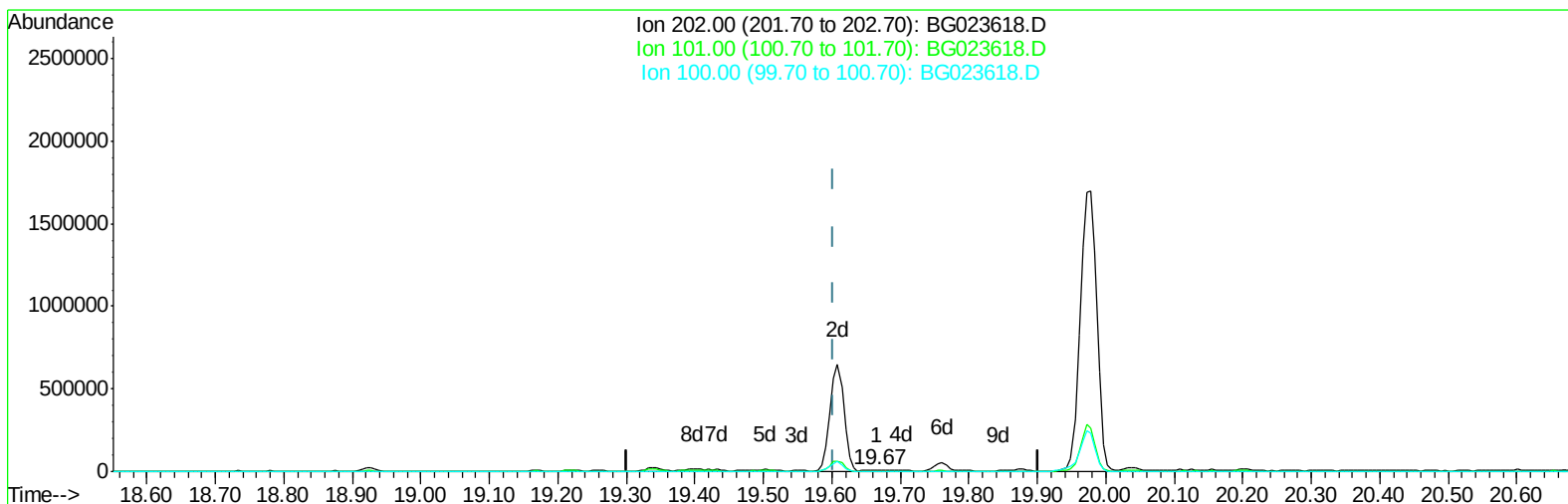
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023618.D
Acq On : 11 Aug 2016 7:38
Operator : UM/SJ
Sample : H4384-22MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS001-1218-01MSD

Manual Integrations
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Quant Time: Aug 11 08:26:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration



TIC: BG023618.D

(74) Fluoranthene (C)

19.667min (+0.065) 0.09ng/ul

response 6656

Ion	Exp%	Act%
202.00	100	100
101.00	13.30	13.72
100.00	10.90	9.42
0.00	0.00	0.00

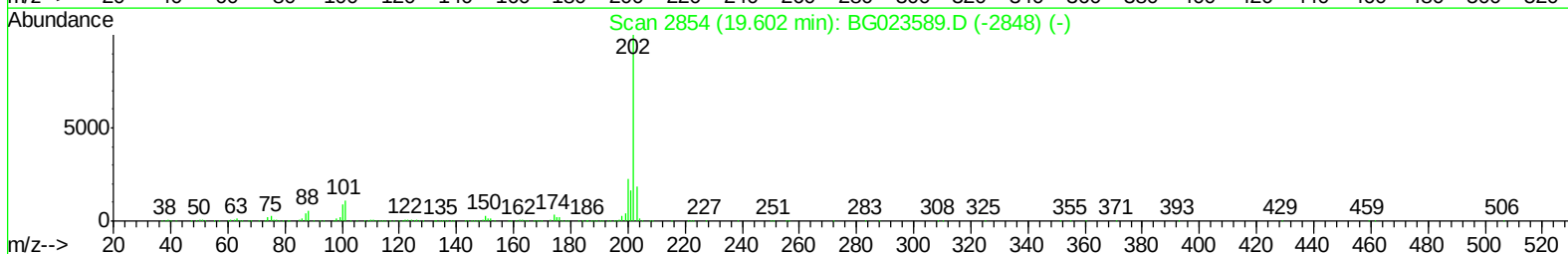
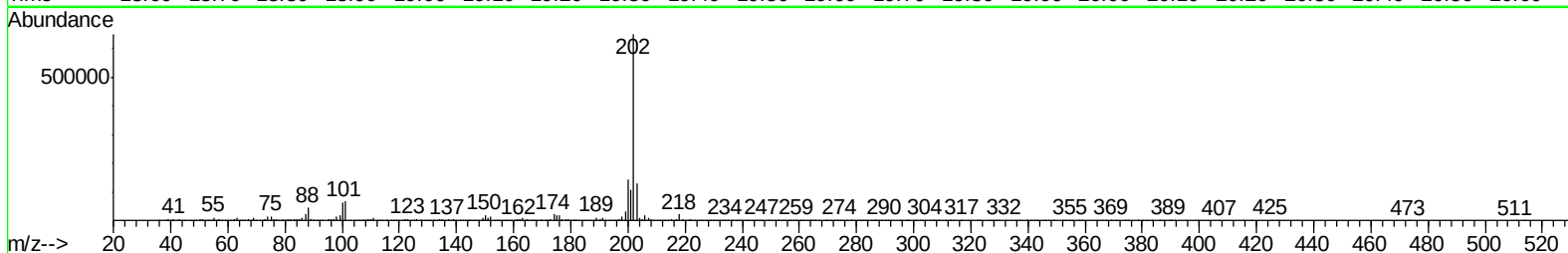
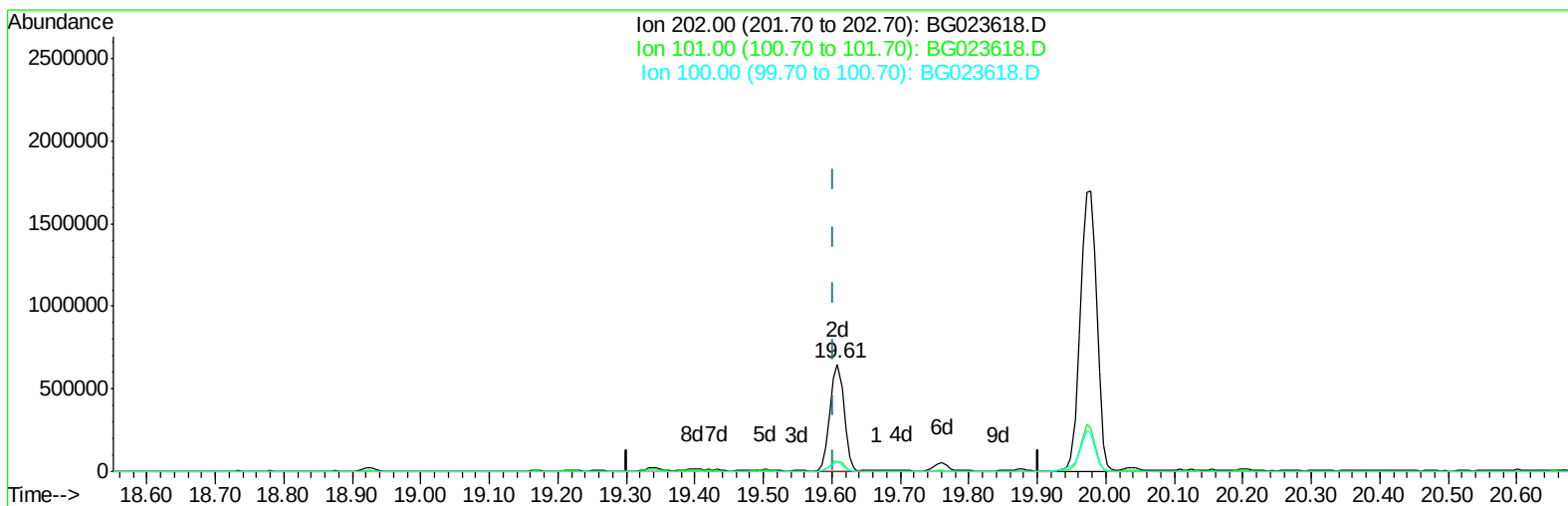
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TIC: BG023618.D

(74) Fluoranthene (C)

19.608min (+0.006) 12.73ng/ul m

response 934056

Ion	Exp%	Act%
202.00	100	100
101.00	13.30	10.06#
100.00	10.90	9.37
0.00	0.00	0.00

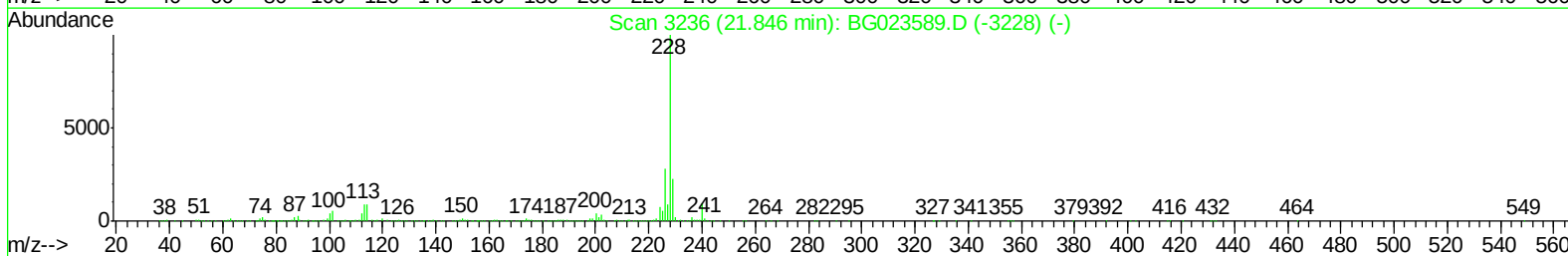
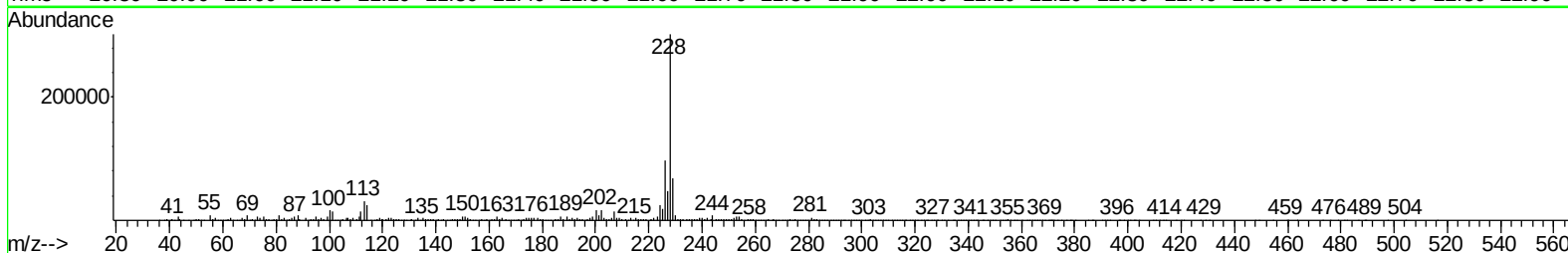
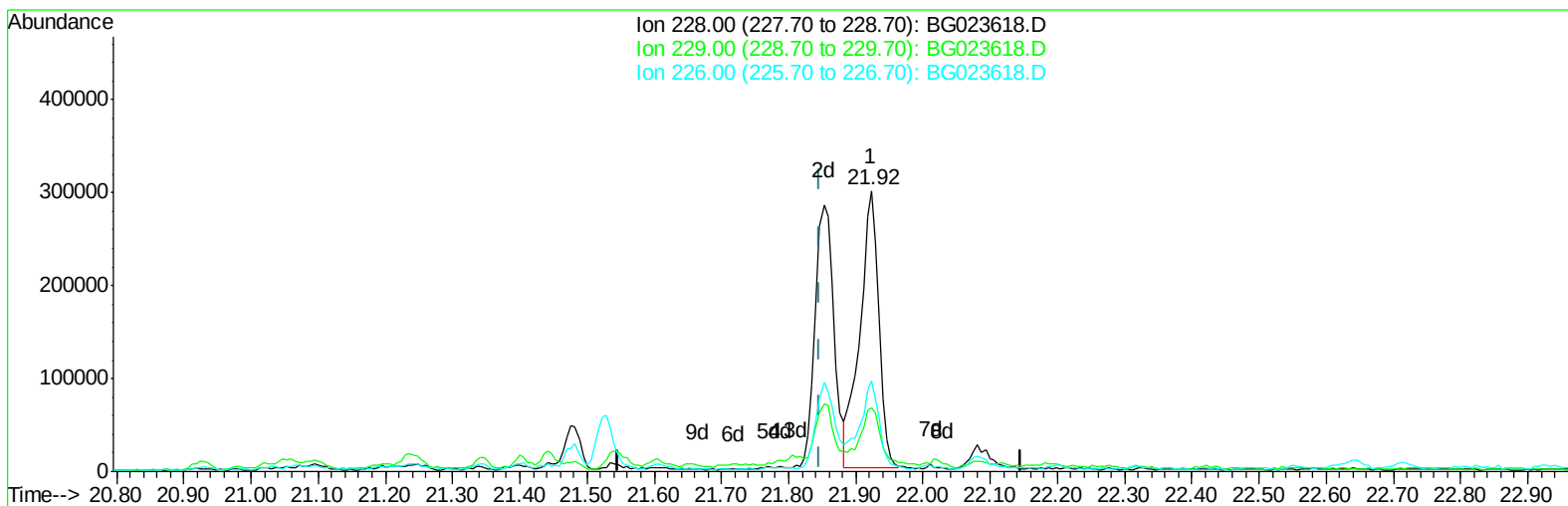
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
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TIC: BG023618.D

(80) Benzo(a)anthracene
21.923min (+0.076) 7.98ng/ul

response 585211

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	22.72
226.00	28.50	32.19
0.00	0.00	0.00

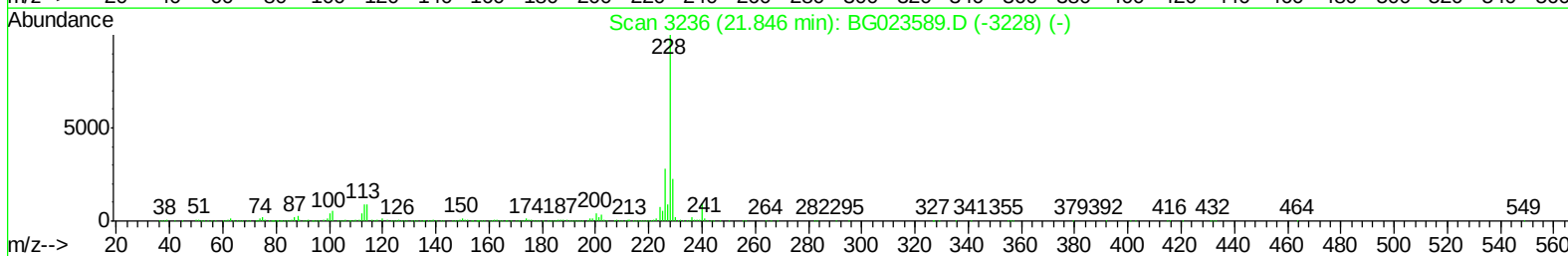
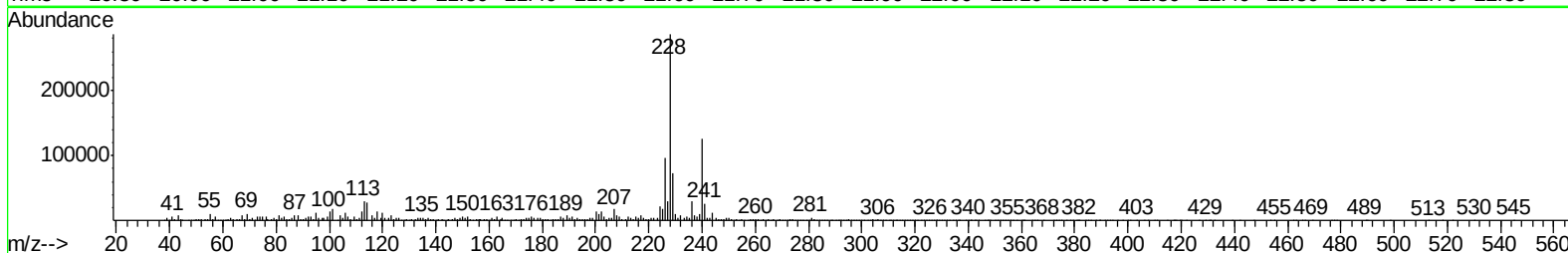
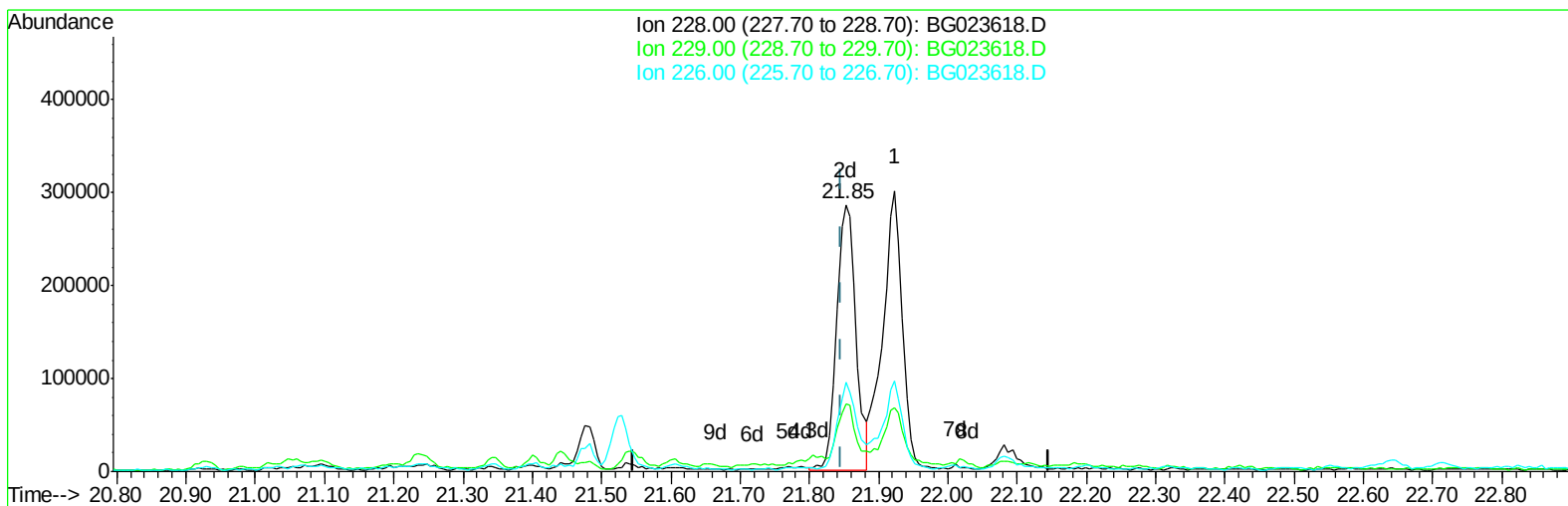
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Misc :
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Instrument :
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Manual Integrations
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TIC: BG023618.D

(80) Benzo(a)anthracene

21.852min (+0.006) 7.55ng/ul m

response 553492

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	25.49#
226.00	28.50	33.53
0.00	0.00	0.00

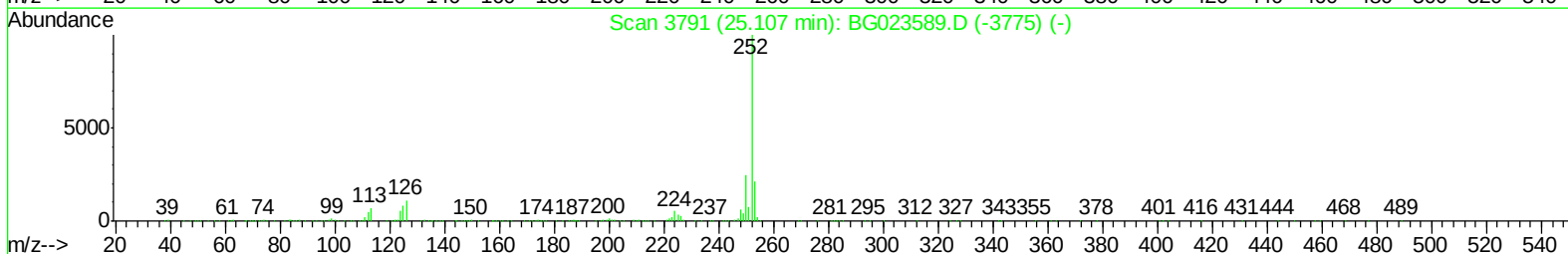
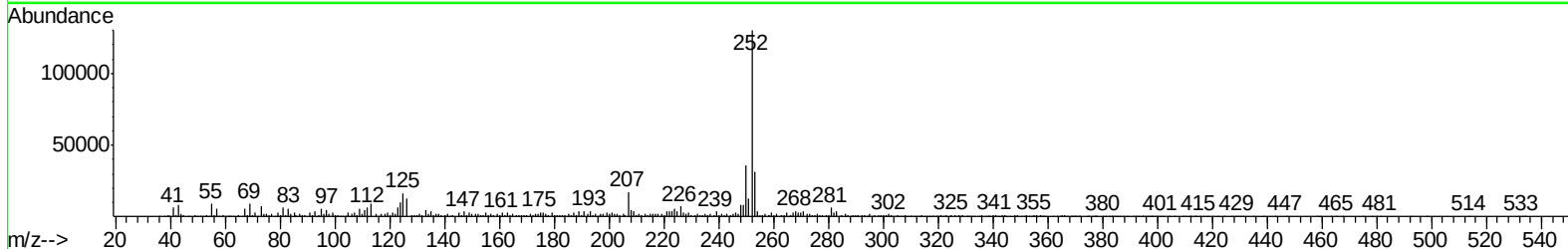
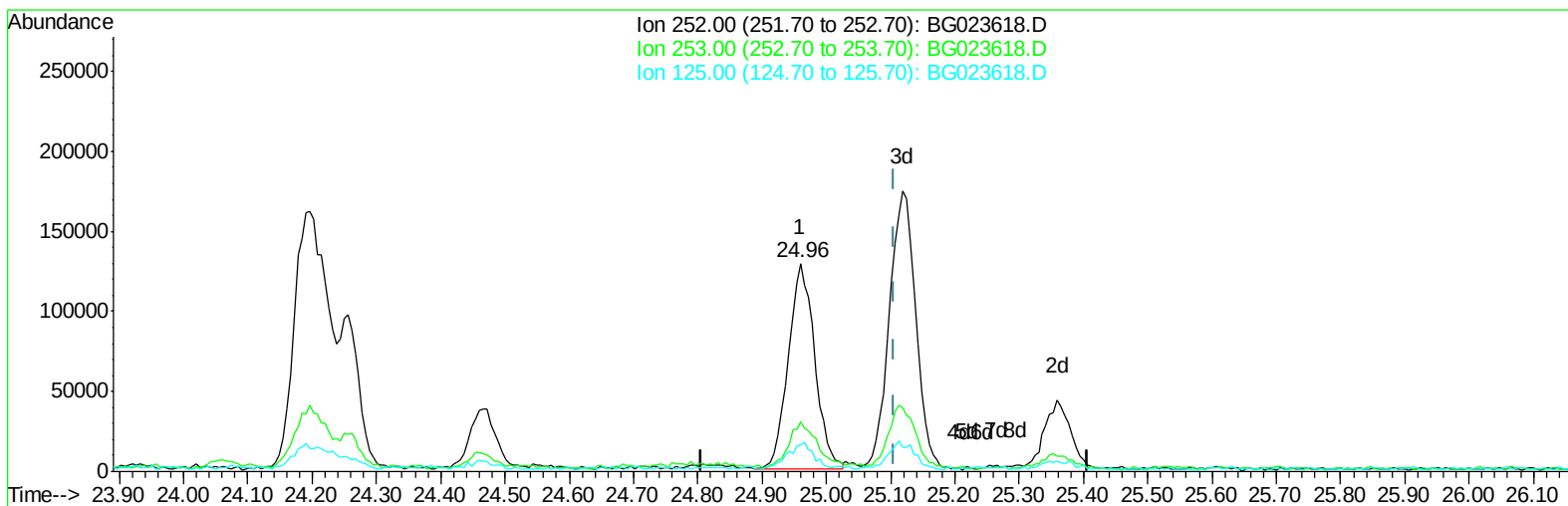
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TIC: BG023618.D

(88) Benzo(a)pyrene (C)

24.960min (-0.147) 4.86ng/ul

response 359498

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	23.91
125.00	15.00	12.74
0.00	0.00	0.00

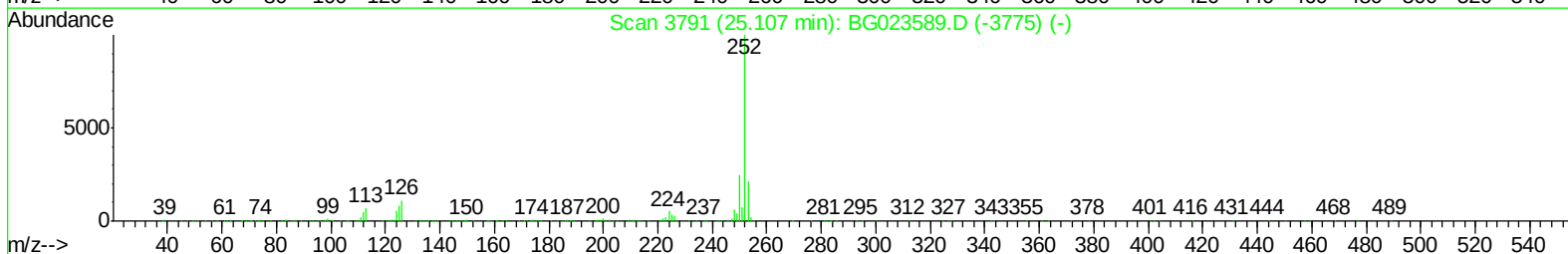
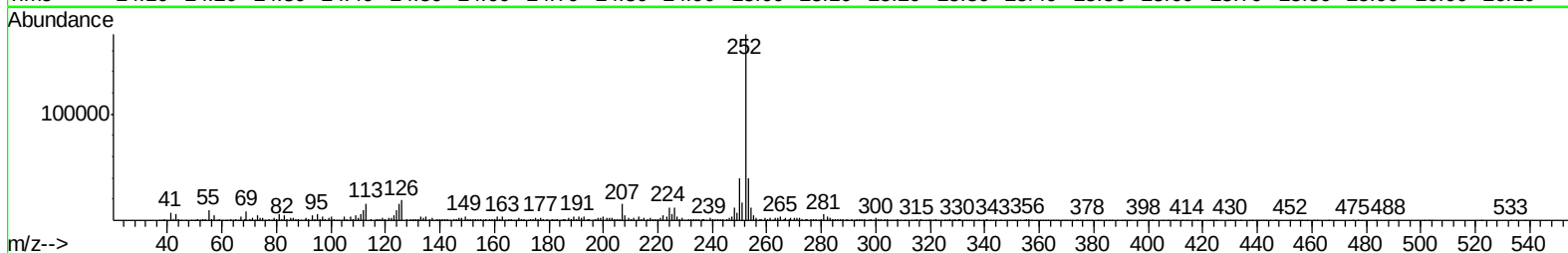
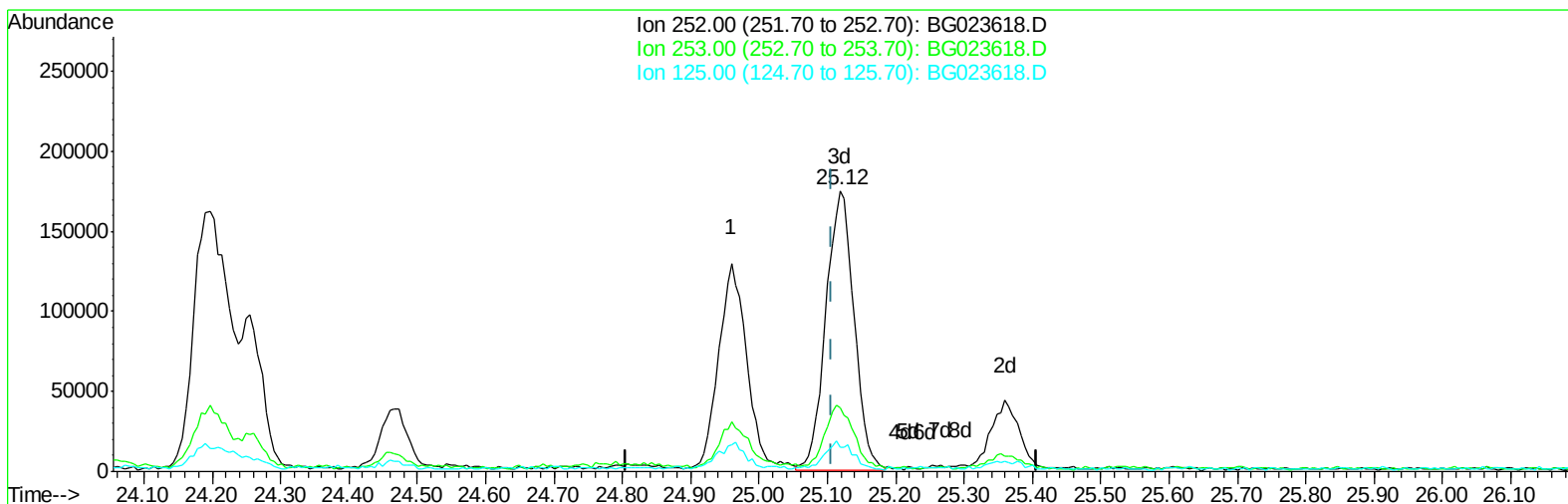
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023618.D
Acq On : 11 Aug 2016 7:38
Operator : UM/SJ
Sample : H4384-22MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
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Manual Integrations
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TIC: BG023618.D

(88) Benzo(a)pyrene (C)

25.119min (+0.012) 6.72ng/ul m

response 496868

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	22.64
125.00	15.00	8.81#
0.00	0.00	0.00

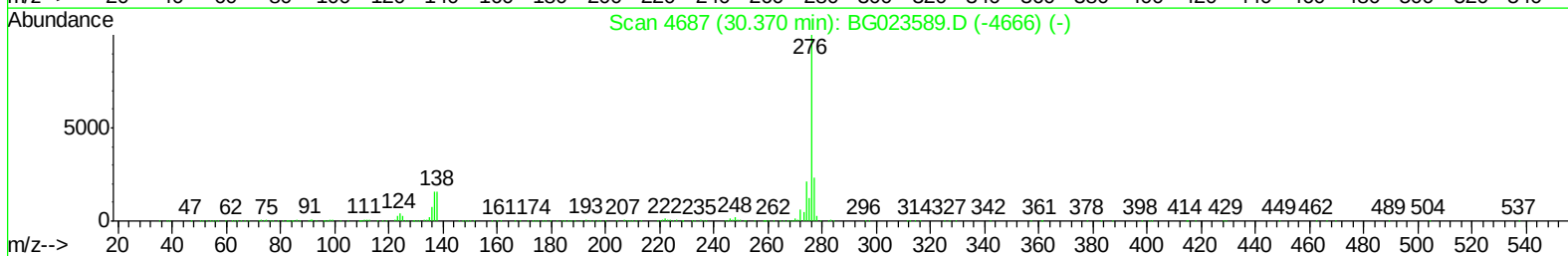
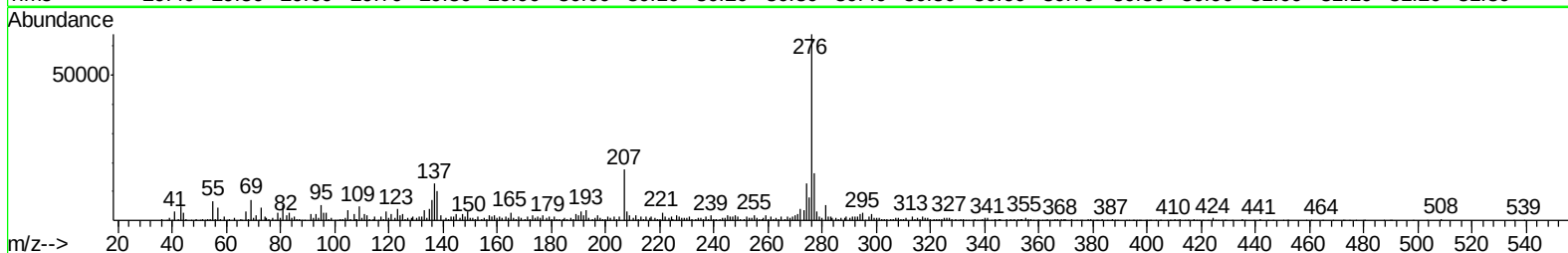
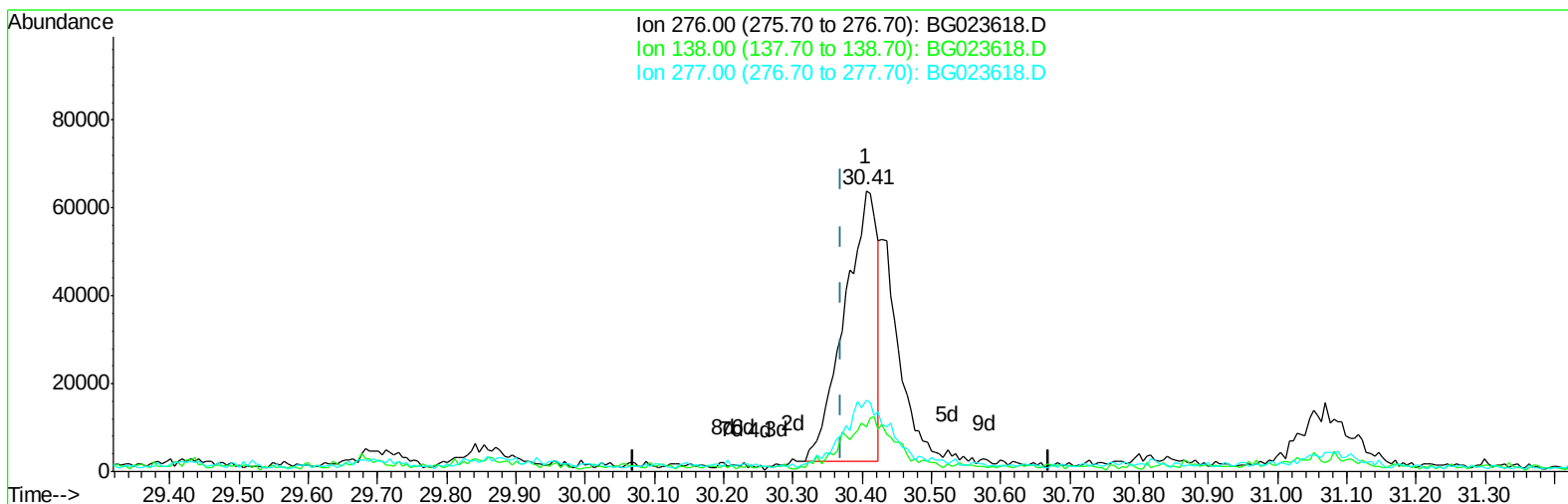
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Misc :
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Instrument :
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Manual Integrations
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TIC: BG023618.D

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

30.406min (+0.035) 2.81ng/ul

response 202829

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	15.92#
277.00	21.20	25.27
0.00	0.00	0.00

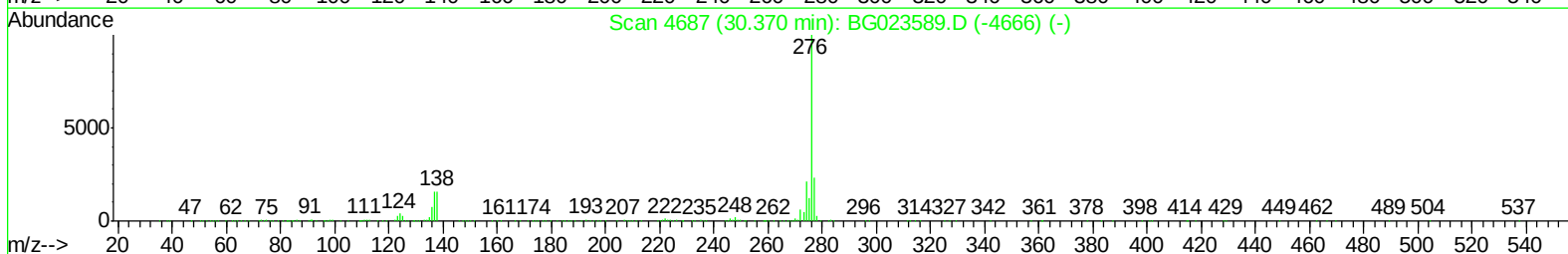
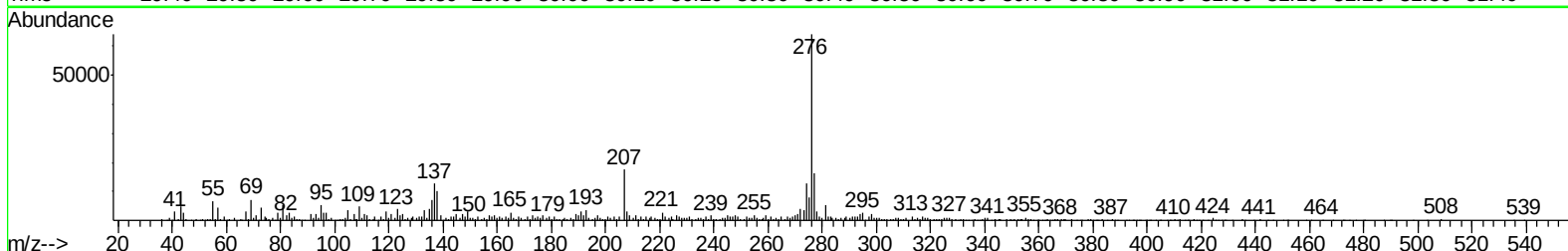
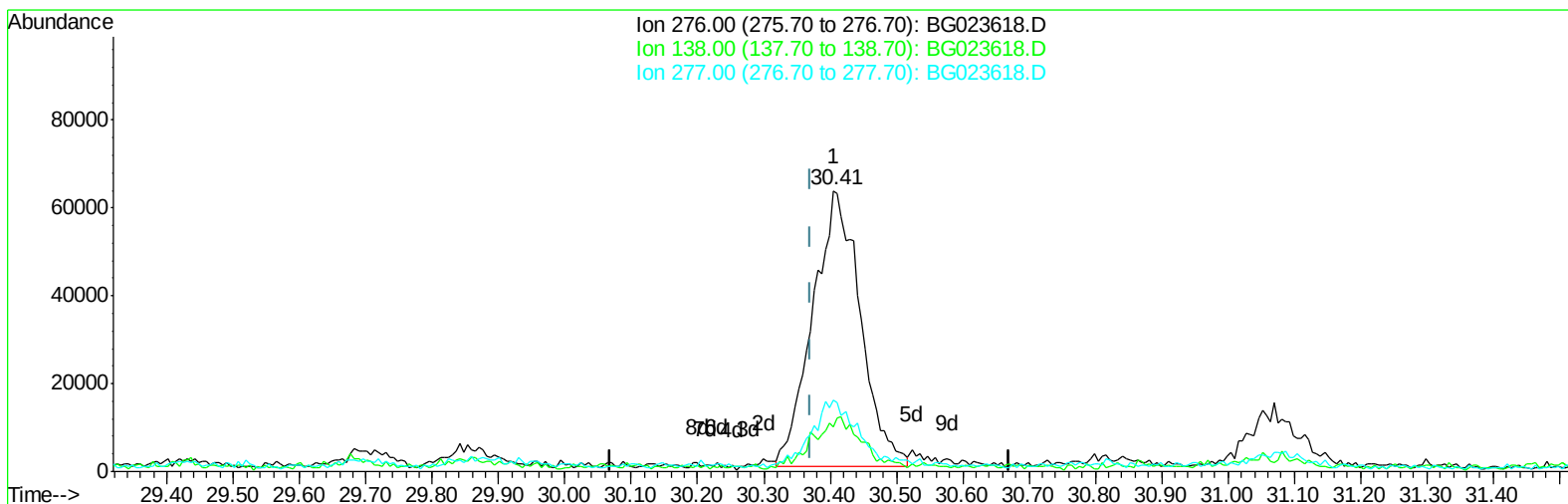
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023618.D
Acq On : 11 Aug 2016 7:38
Operator : UM/SJ
Sample : H4384-22MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
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Manual Integrations
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TIC: BG023618.D

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

30.406min (+0.035) 4.32ng/ul m

response 311097

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	15.92#
277.00	21.20	25.27
0.00	0.00	0.00

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Instrument :
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Manual Integrations
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Quant Time: Aug 11 08:29:17 2016

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Aug 11 03:58:16 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	208508	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	951606	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	658506	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1383516	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1302173	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	1347092	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	14541	2.96	ng/uL	0.00
5) Phenol-d5	7.27	99	439455	20.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	267403	19.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	297146	20.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	331027	20.19	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	162084	21.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	195054	22.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	387299	23.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	350760	18.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	1323735	24.55	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1536793	25.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	231405	25.14	ng/ul	0.00
57) Fluorene-d10	15.78	176	1206069	24.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	225557	25.41	ng/ul	0.00
70) Anthracene-d10	17.65	188	1719018	27.58	ng/ul	0.00
76) Pyrene-d10	19.94	212	1774713	26.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	1760834	28.88	ng/ul	0.02

Target Compounds

						Qvalue
6) Phenol	7.30	94	471349	21.55	ng/ul#	76
10) 2-Chlorophenol	7.67	128	305232	20.91	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.92	70	329455	20.82	ng/ul#	86
33) 4-Chloro-3-methylphenol	12.24	107	543367	25.77	ng/ul	85
44) Dimethylphthalate	14.23	163	770465	14.43	ng/ul	100
47) Acenaphthylene	14.52	152	70028	1.10	ng/ul	99
49) Acenaphthene	14.85	153	1111057	25.69	ng/ul	95
52) 4-Nitrophenol	15.01	109	224223	24.32	ng/ul#	71
54) 2,4-Dinitrotoluene	15.16	165	459926	26.22	ng/ul#	81
68) Pentachlorophenol	17.20	266	280152	30.04	ng/ul	91
69) Phenanthrene	17.59	178	568735	7.94	ng/ul	99
71) Anthracene	17.69	178	79829	1.09	ng/ul	97
74) Fluoranthene	19.61	202	934056m	12.73	ng/ul	
77) Pyrene	19.98	202	2868558	35.63	ng/ul	99
80) Benzo(a)anthracene	21.85	228	553492m	7.55	ng/ul	
82) Chrysene	21.92	228	591706	8.87	ng/ul#	95
85) Benzo(b)fluoranthene	24.20	252	574643	7.50	ng/ul#	92
86) Benzo(k)fluoranthene	24.26	252	198343	2.63	ng/ul#	91
88) Benzo(a)pyrene	25.12	252	496868m	6.72	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.18	276	293465	3.38	ng/ul#	86
91) Benzo(g,h,i)perylene	30.41	276	311097m	4.32	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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