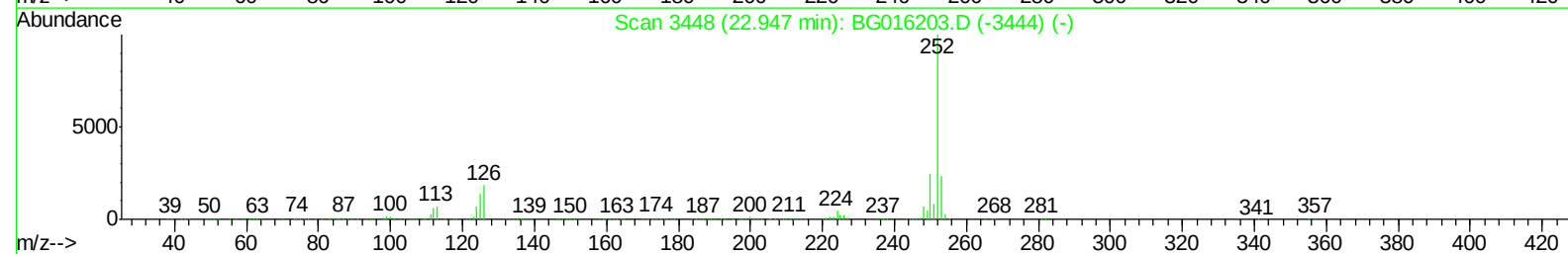
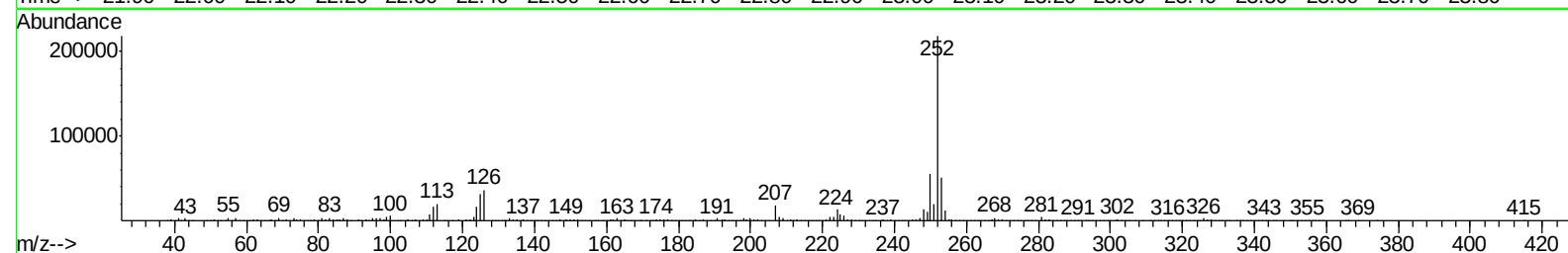
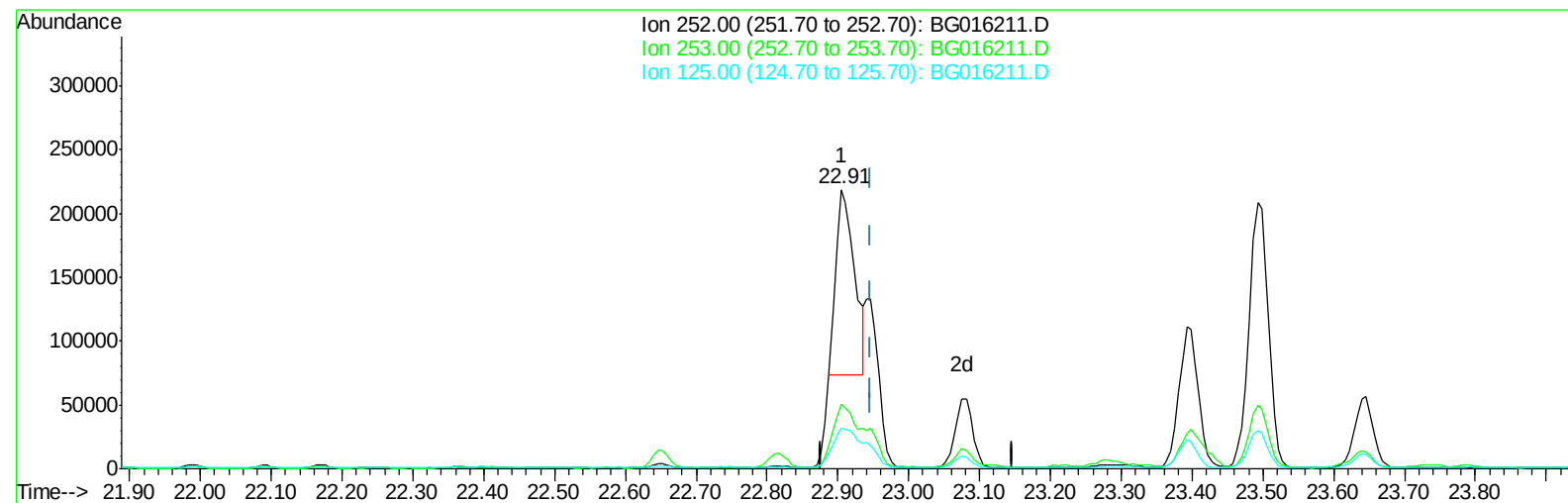


Data Path : Z:\HPCHEM1\BNA G\DATA\BG033115\
Data File : BG016211.D
Acq On : 31 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-08 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 01 08:50:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 04:39:57 2015
Response via : Initial Calibration



TIC: BG016211.D

(86) Benzo(k)fluoranthene

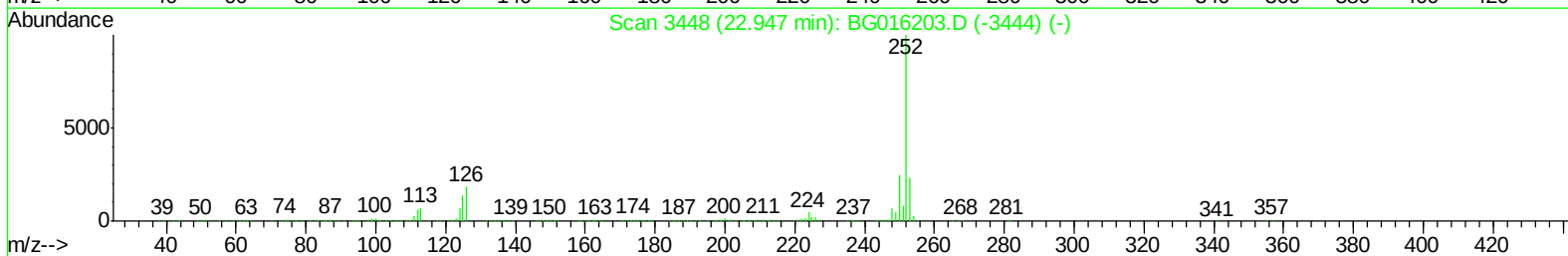
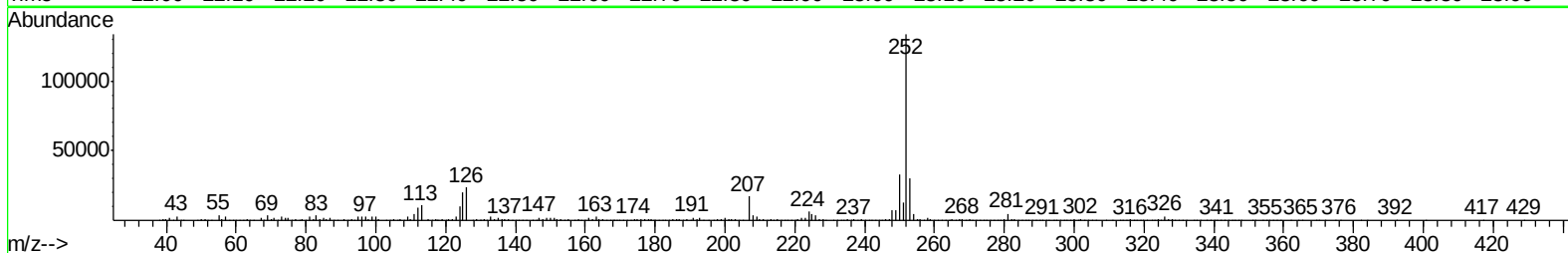
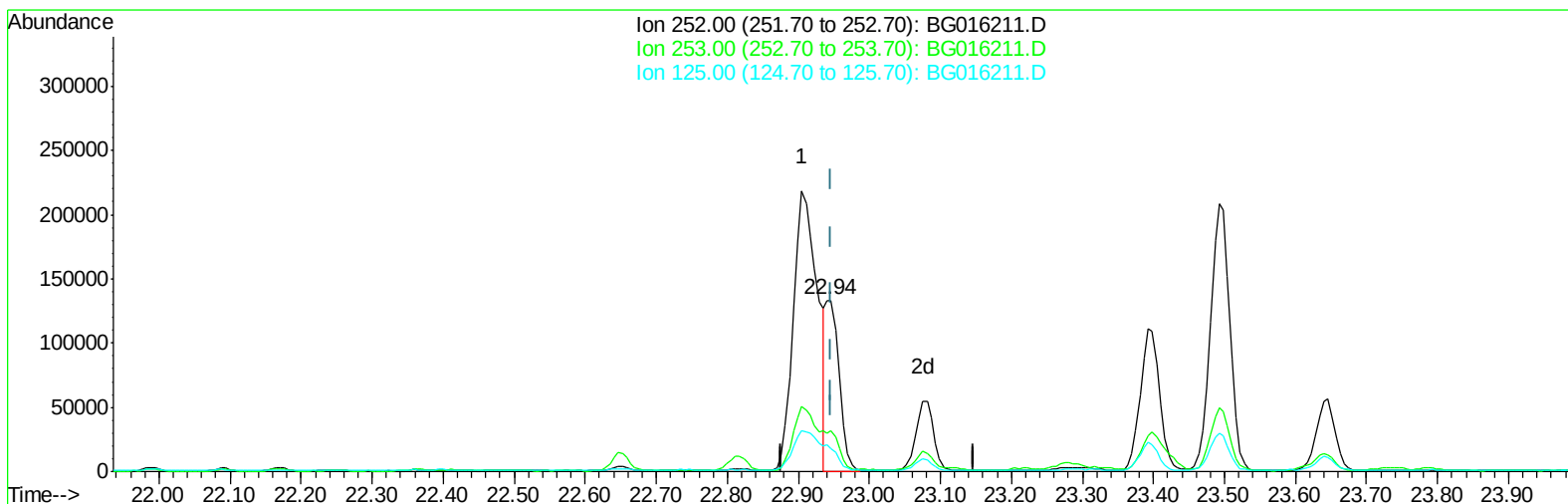
22.905min (-0.042) 12.99ng/ul

response 262457

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	23.04
125.00	14.70	14.53
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033115\
Data File : BG016211.D
Acq On : 31 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-08 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 01 08:50:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 04:39:57 2015
Response via : Initial Calibration



TIC: BG016211.D

(86) Benzo(k)fluoranthene

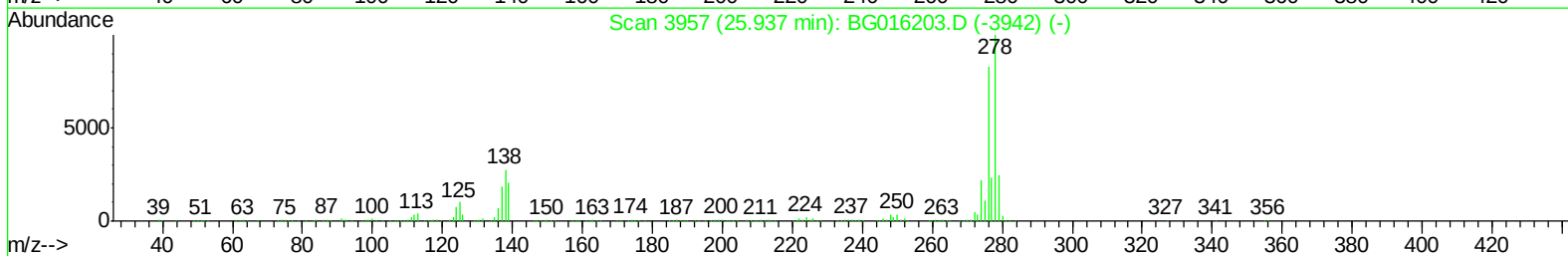
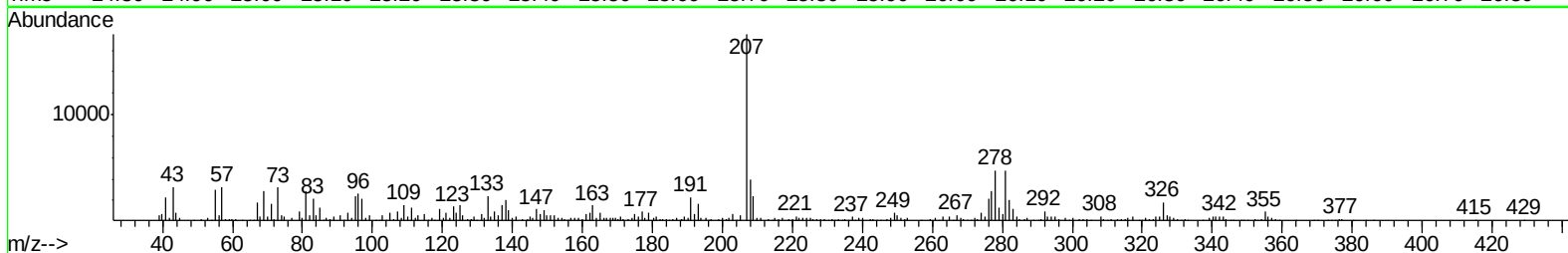
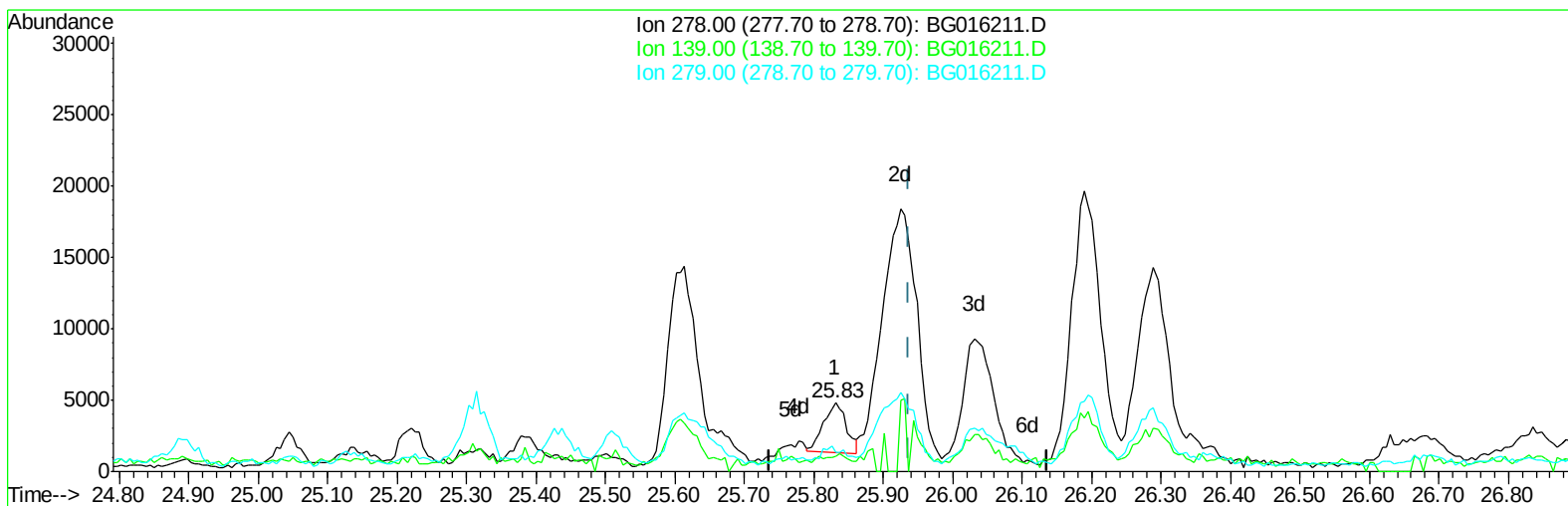
22.940min (-0.006) 8.86ng/ul m

response 179035

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	22.48
125.00	14.70	15.51
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033115\
Data File : BG016211.D
Acq On : 31 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-08 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 01 08:50:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 04:39:57 2015
Response via : Initial Calibration



TIC: BG016211.D

(90) Dibenzo(a,h)anthracene

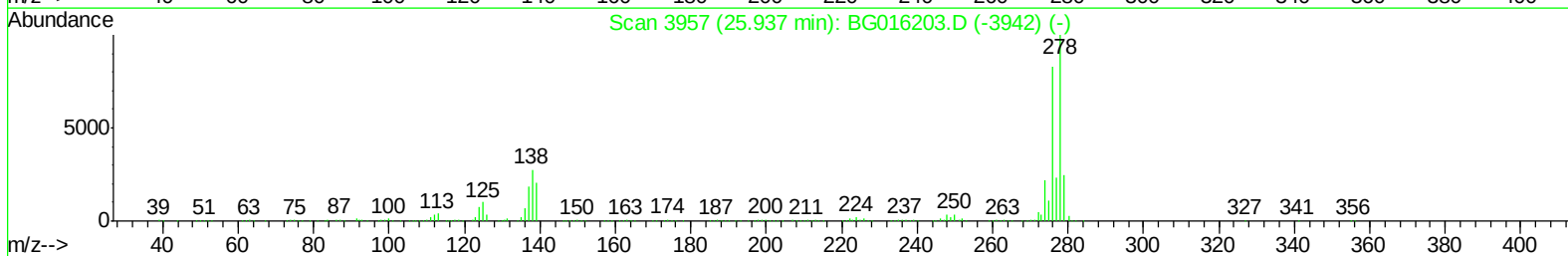
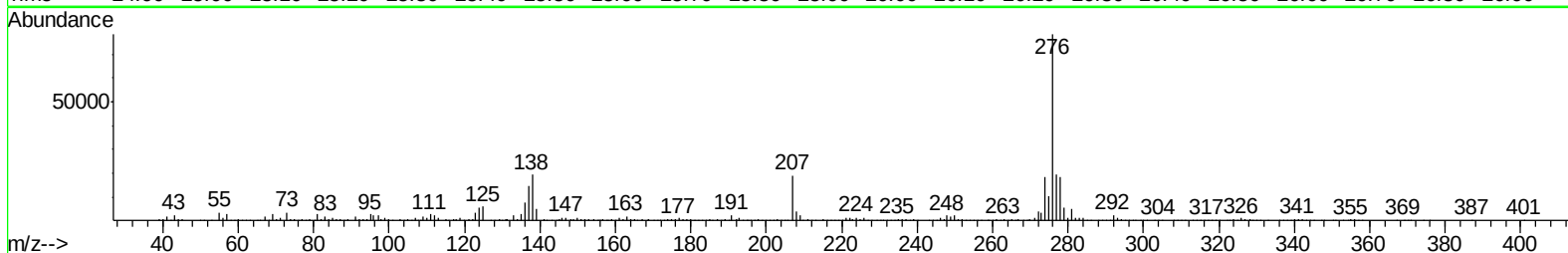
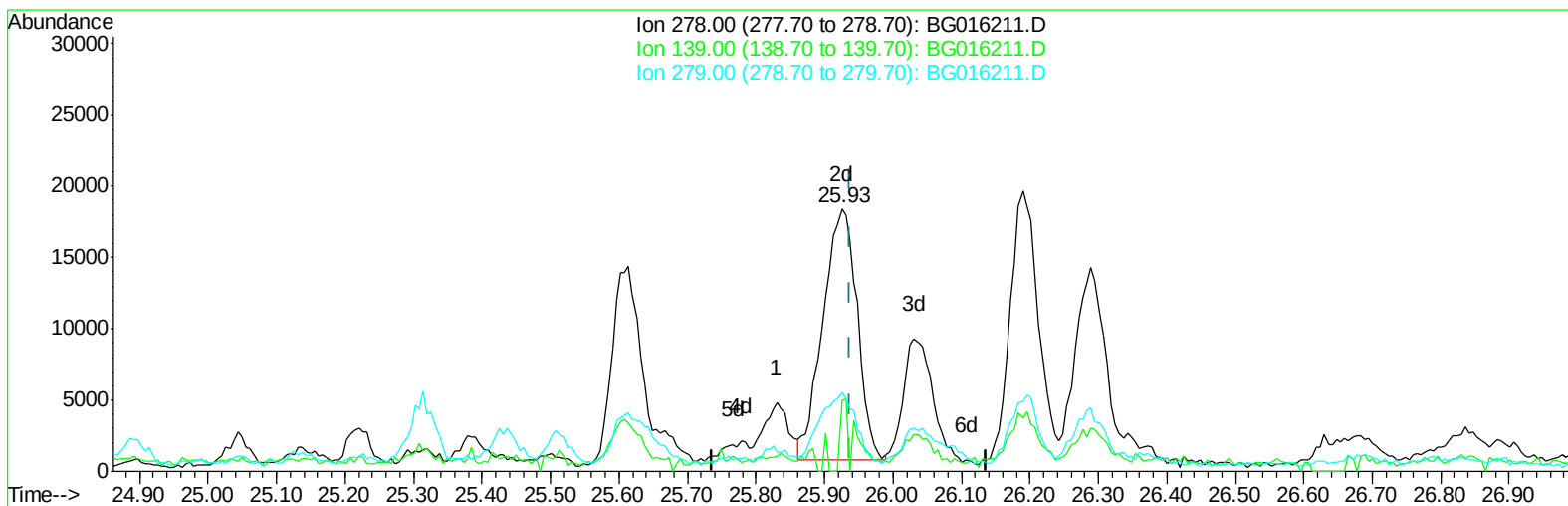
25.831min (-0.106) 0.41ng/ul

response 7953

Ion	Exp%	Act%
278.00	100	100
139.00	20.60	22.92
279.00	24.10	27.62
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033115\
Data File : BG016211.D
Acq On : 31 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-08 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 01 08:50:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 04:39:57 2015
Response via : Initial Calibration



TIC: BG016211.D

(90) Dibenzo(a,h)anthracene

25.925min (-0.012) 3.13ng/ul m

response 60916

Ion	Exp%	Act%
278.00	100	100
139.00	20.60	27.37#
279.00	24.10	29.86#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033115\
 Data File : BG016211.D
 Acq On : 31 Mar 2015 21:47
 Operator : TP/IZ
 Sample : G1647-08 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 01 09:03:01 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG033115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 01 04:39:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	68853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	303161	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	173910	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	353160	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	356165	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	351099	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.94	99	38181	6.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	23291	6.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	29055	5.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	29553	6.01	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	16215	6.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	16061	5.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	25646	5.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	30887	4.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	71130	6.19	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	97242	6.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	13797	4.76	ng/ul	0.00
57) Fluorene-d10	15.38	176	66583	5.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	7495	3.11	ng/ul	0.00
70) Anthracene-d10	17.24	188	96048	5.92	ng/ul	0.00
76) Pyrene-d10	19.53	212	98184	6.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.45	264	85013	5.37	ng/ul	0.00

Target Compounds

						Ovalue
58) Fluorene	15.44	166	16296	1.18	ng/ul	96
69) Phenanthrene	17.18	178	221468	11.05	ng/ul	98
71) Anthracene	17.27	178	76376	3.73	ng/ul	98
74) Fluoranthene	19.20	202	1057415	47.45	ng/ul	99
77) Pyrene	19.56	202	892469	40.37	ng/ul	99
80) Benzo(a)anthracene	21.30	228	474203	23.00	ng/ul	99
82) Chrysene	21.35	228	361961	18.90	ng/ul	97
85) Benzo(b)fluoranthene	22.91	252	512006	24.42	ng/ul	98
86) Benzo(k)fluoranthene	22.94	252	179035m	8.86	ng/ul	
88) Benzo(a)pyrene	23.49	252	393919	19.70	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.92	276	229192	9.81	ng/ul	92
90) Dibenzo(a,h)anthracene	25.93	278	60916m	3.13	ng/ul	
91) Benzo(g,h,i)perylene	26.64	276	161798	8.47	ng/ul	98

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