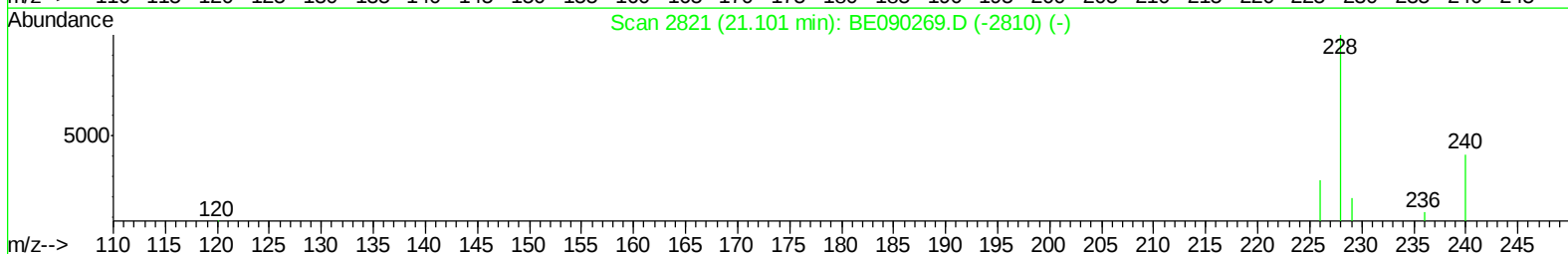
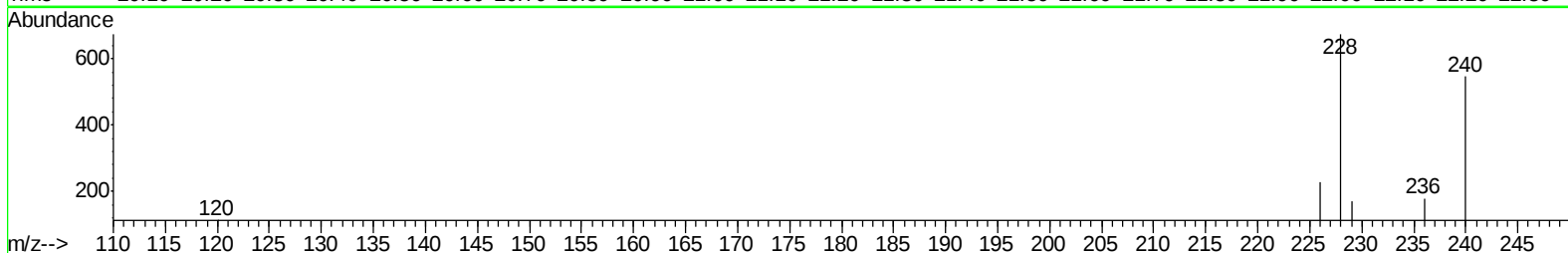
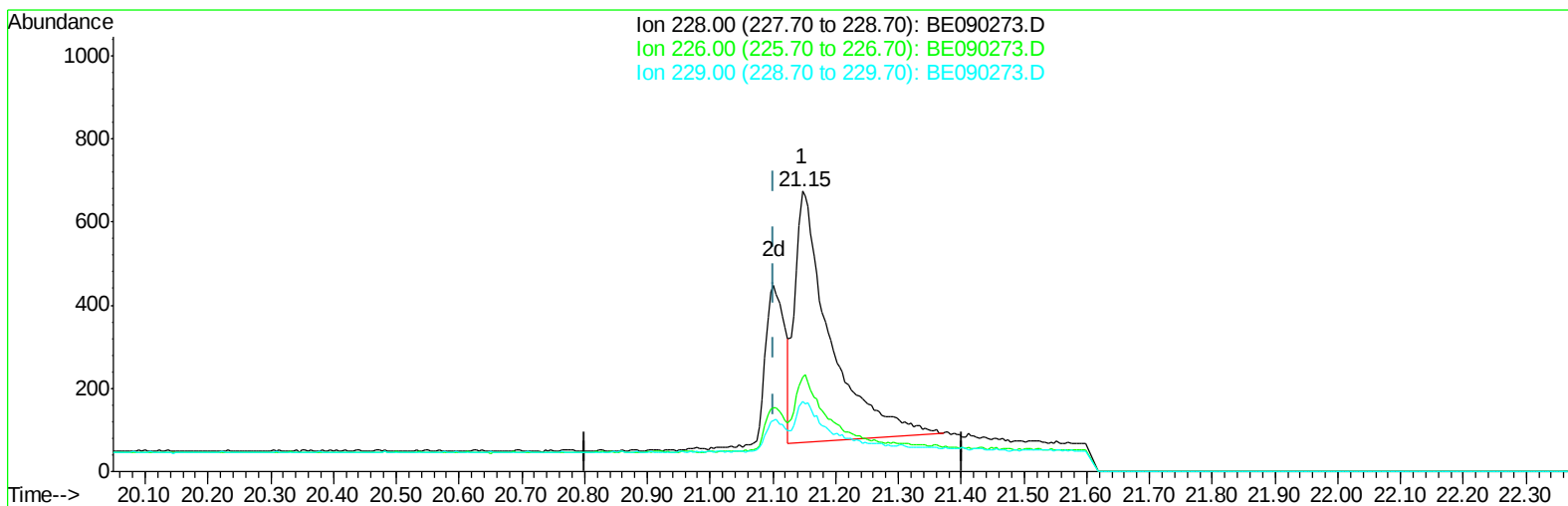


Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072815\
Data File : BE090273.D
Acq On : 28 Jul 2015 17:39
Operator : TP/IZ
Sample : MDL-01-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 29 04:34:50 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 04:26:58 2015
Response via : Initial Calibration



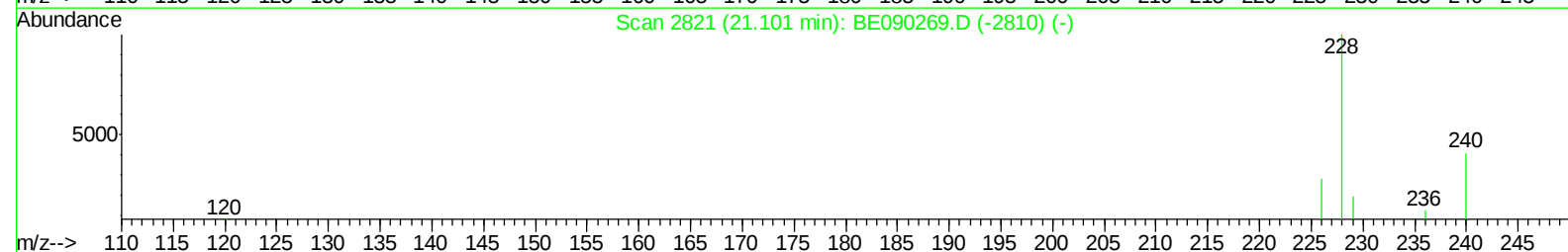
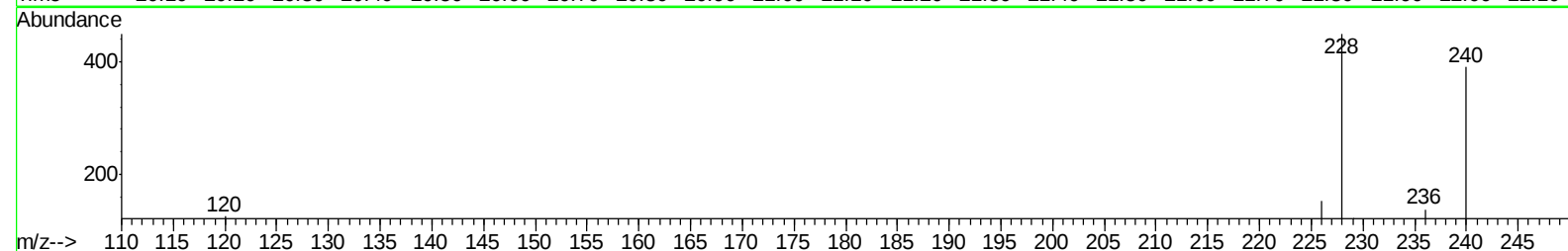
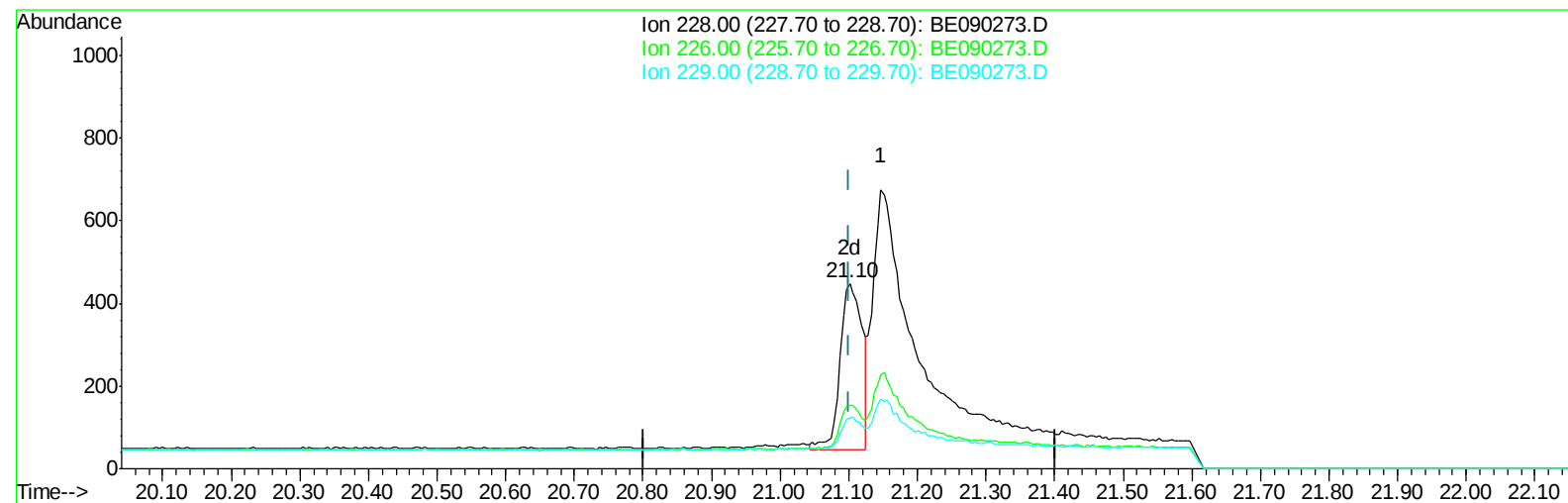
TIC: BE090273.D

(18) Benzo(a)anthracene
21.147min (+0.045) 0.39ng/ul
response 2361

Ion	Exp%	Act%
228.00	100	100
226.00	30.70	33.68
229.00	22.40	24.93
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072815\
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TIC: BE090273.D

(18) Benzo(a)anthracene

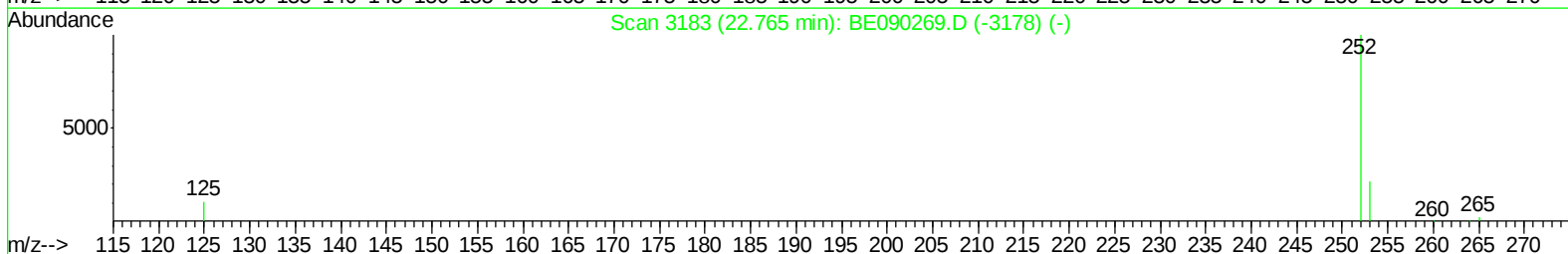
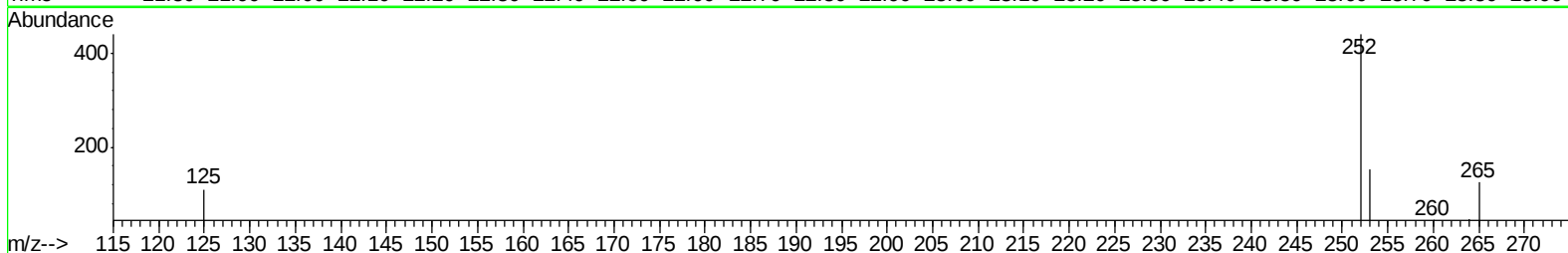
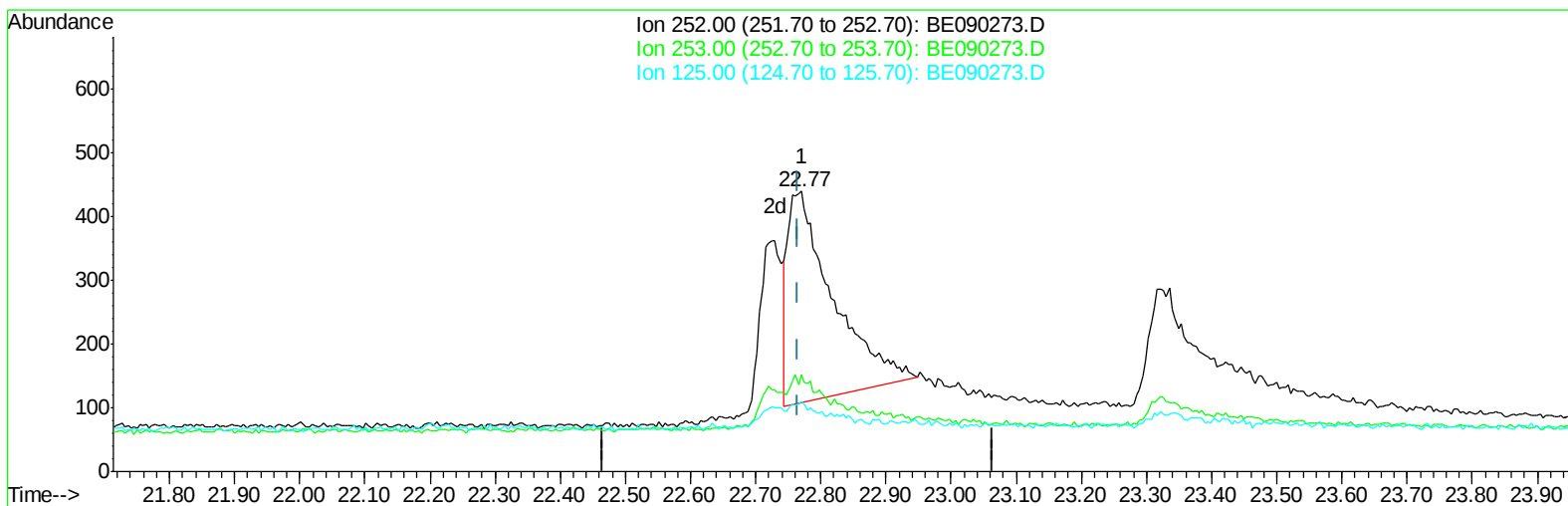
21.101min (-0.000) 0.15ng/ul m

response 900

Ion	Exp%	Act%
228.00	100	100
226.00	30.70	34.30
229.00	22.40	27.17#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072815\
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Sample : MDL-01-S
Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 17 Sample Multiplier: 1

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TIC: BE090273.D

(22) Benzo(k)fluoranthene

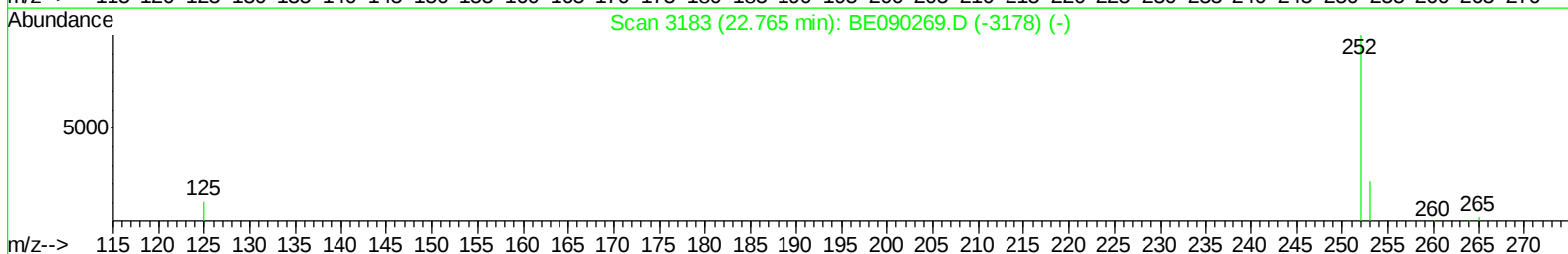
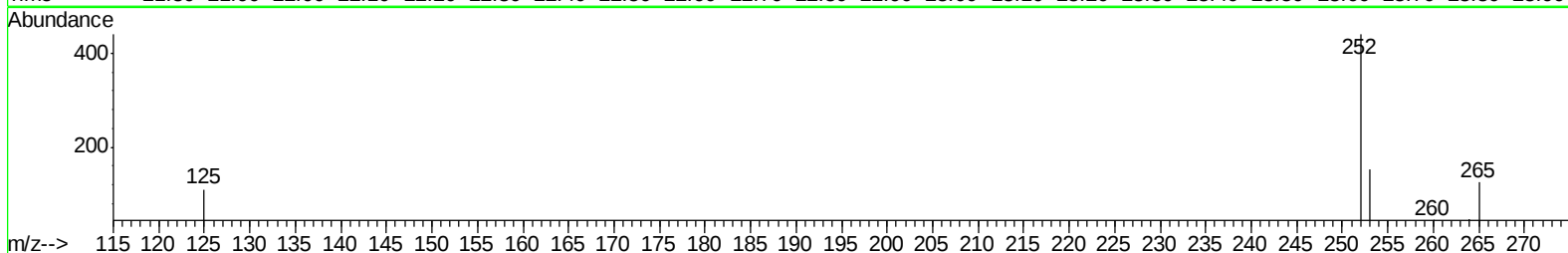
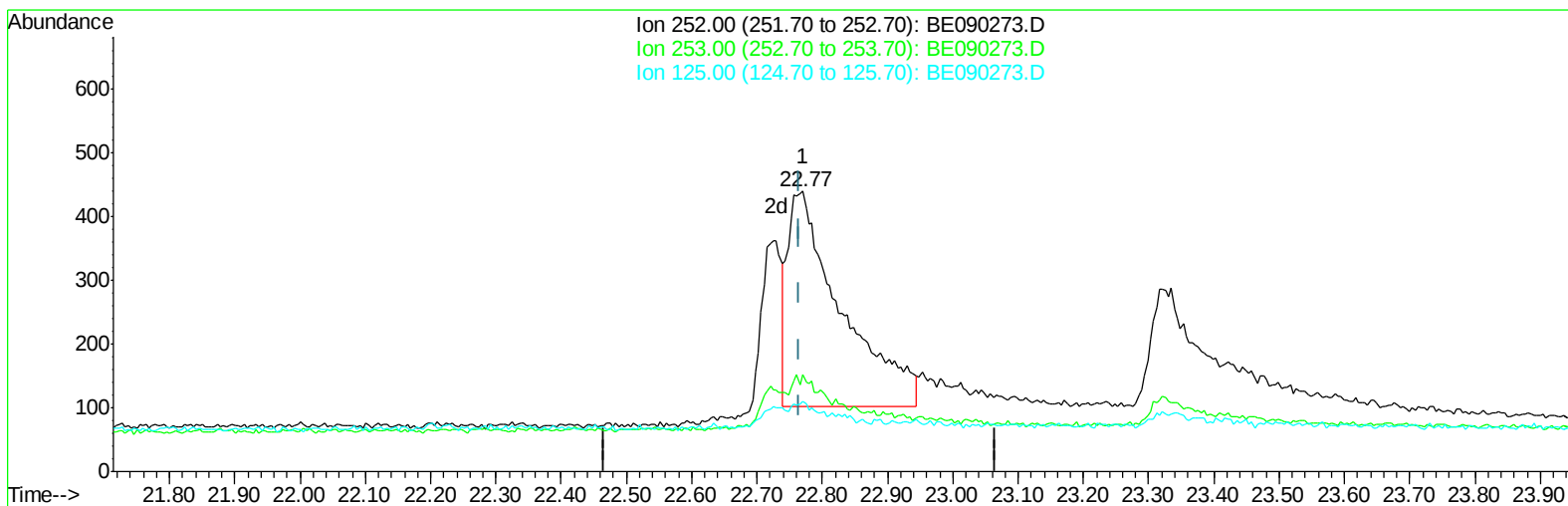
22.770min (+0.005) 0.12ng/ul

response 1604

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.77#
125.00	16.60	25.00#
0.00	0.00	0.00

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Misc : MDL-SIM-SOIL-0.15PPM
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 29 04:34:50 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072815.M
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TIC: BE090273.D

(22) Benzo(k)fluoranthene

22.770min (+0.005) 0.15ng/ul m

response 1937

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.77#
125.00	16.60	25.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072815\
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 Acq On : 28 Jul 2015 17:39
 Operator : TP/IZ
 Sample : MDL-01-S
 Misc : MDL-SIM-SOIL-0.15PPM
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 29 04:37:20 2015

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072815.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 29 04:26:58 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1069	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	4278	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2689	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5972	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	4077	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	2739	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.95	152	2867	0.44	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	6608	0.40	ng/ul	0.00

Target Compounds

						Qvalue
3) Naphthalene	10.41	128	1407	0.12	ng/ul#	87
5) 2-Methylnaphthalene	12.03	142	884	0.12	ng/ul	100
7) Acenaphthylene	13.92	152	6361	0.11	ng/ul#	93
8) Acenaphthene	14.27	153	4644	0.11	ng/ul	98
9) Fluorene	15.26	166	1248	0.11	ng/ul#	95
12) Phenanthrene	16.98	178	7140	0.11	ng/ul	93
13) Anthracene	17.07	178	7608	0.12	ng/ul#	89
15) Fluoranthene	19.00	202	8949	0.12	ng/ul	96
17) Pyrene	19.36	202	9272	0.12	ng/ul	94
18) Benzo(a)anthracene	21.10	228	900m	0.15	ng/ul	
19) Chrysene	21.15	228	2361	0.13	ng/ul#	94
21) Benzo(b)fluoranthene	22.73	252	596	0.15	ng/ul	83
22) Benzo(k)fluoranthene	22.77	252	1937m	0.15	ng/ul	
23) Benzo(a)pyrene	23.33	252	855	0.15	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.82	276	2331	0.13	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.85	278	292	0.14	ng/ul#	82
26) Benzo(g,h,i)perylene	26.55	276	3114	0.13	ng/ul#	84

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

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