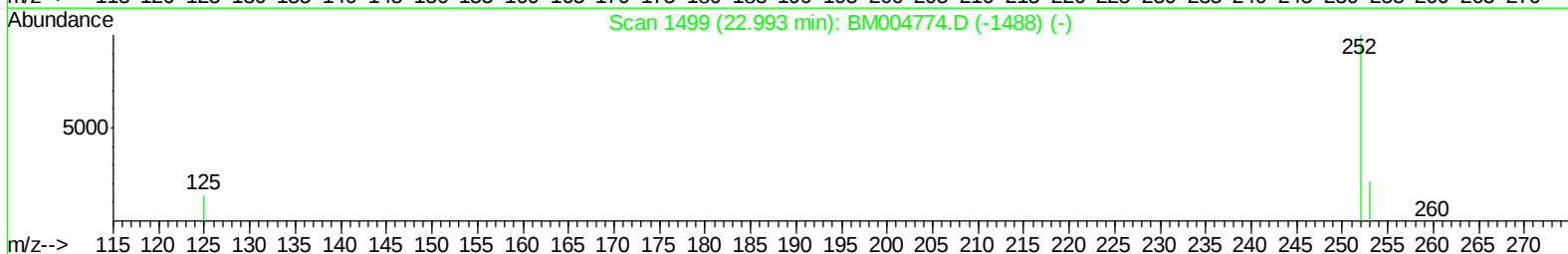
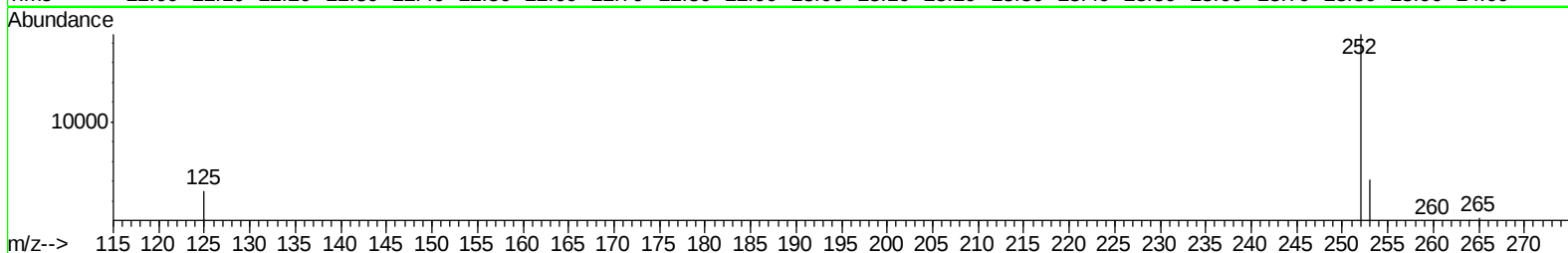
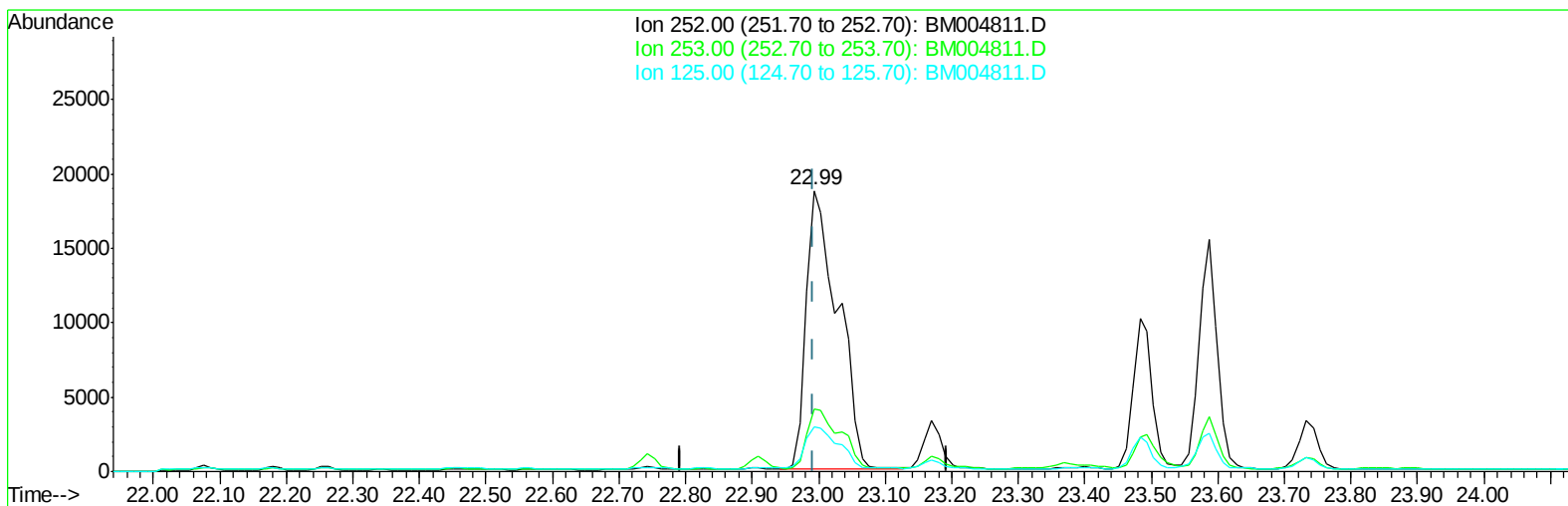


Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
Data File : BM004811.D
Acq On : 28 Mar 2016 19:16
Operator : UM/SJ
Sample : H1909-05DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 20:00:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



TIC: BM004811.D

(23) Benzo(b)fluoranthene

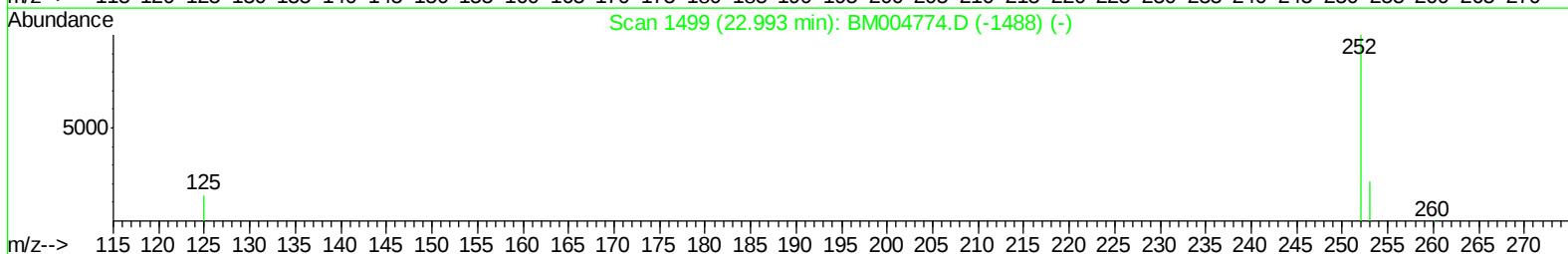
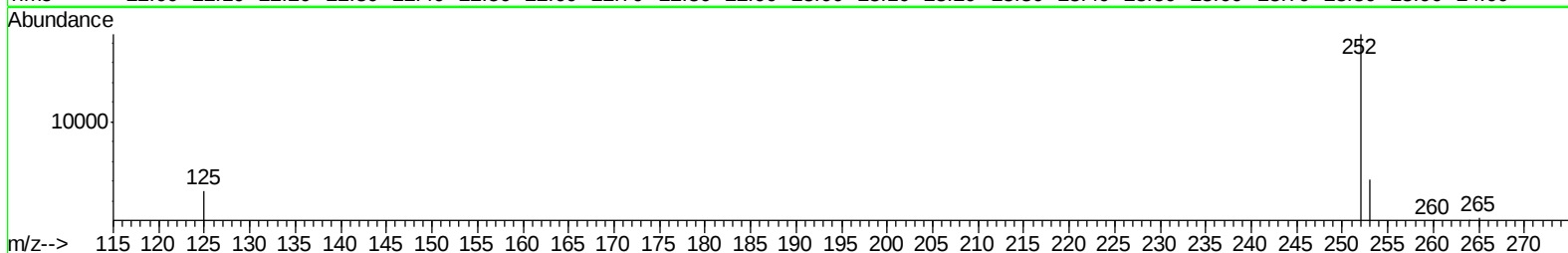
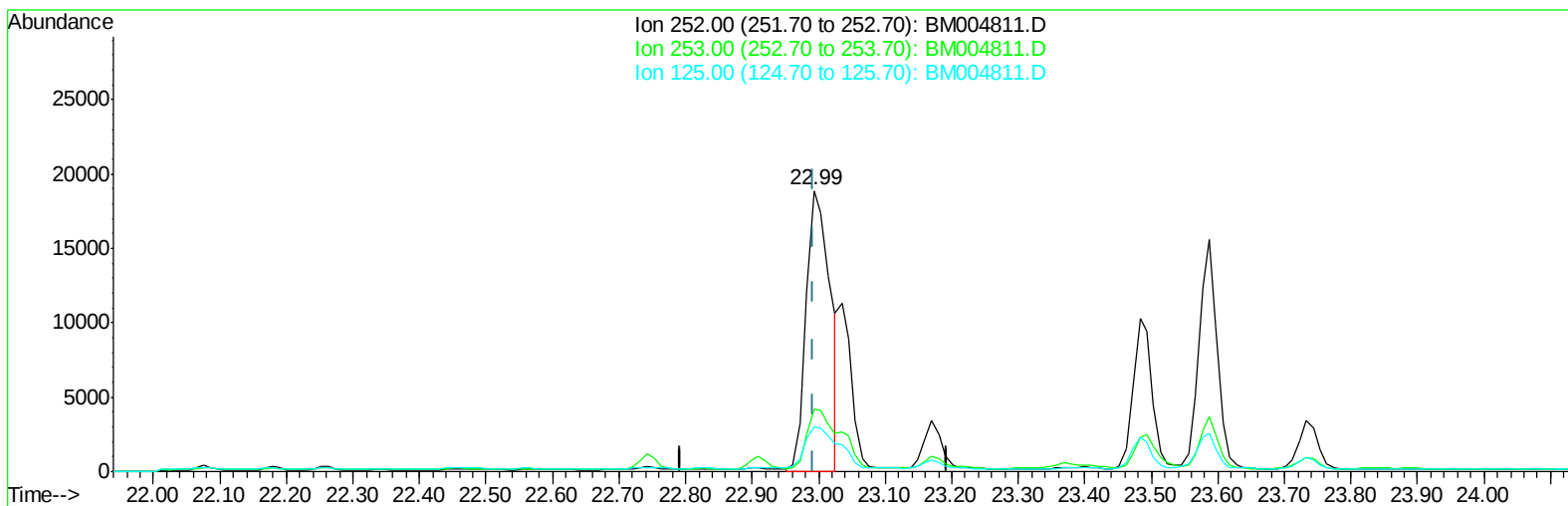
22.993min (-0.000) 3.27ng/ul

response 62267

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.47
125.00	14.40	16.10
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
Data File : BM004811.D
Acq On : 28 Mar 2016 19:16
Operator : UM/SJ
Sample : H1909-05DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 20:00:19 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
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TIC: BM004811.D

(23) Benzo(b)fluoranthene

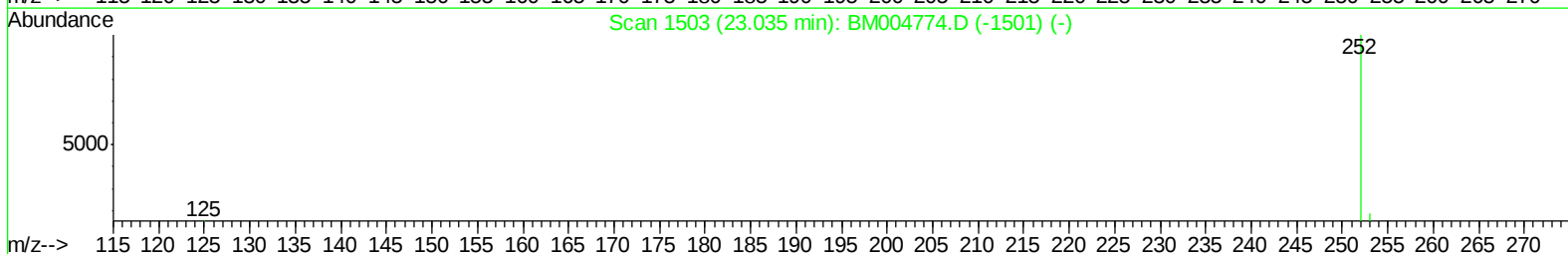
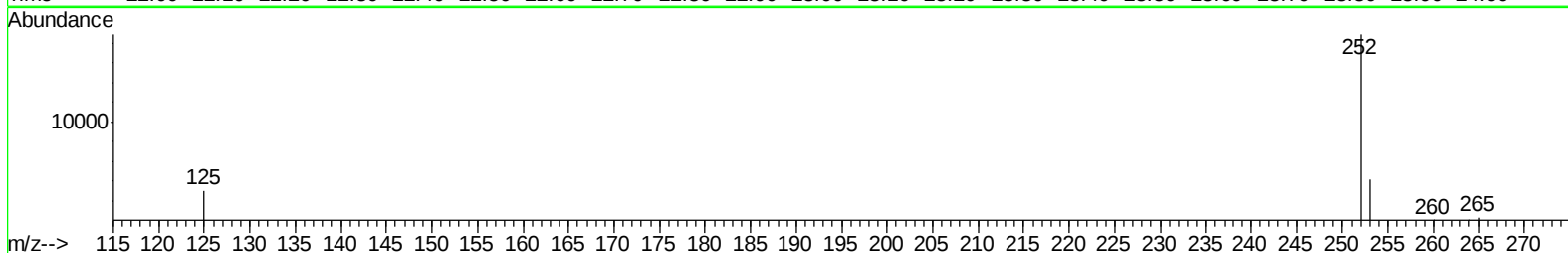
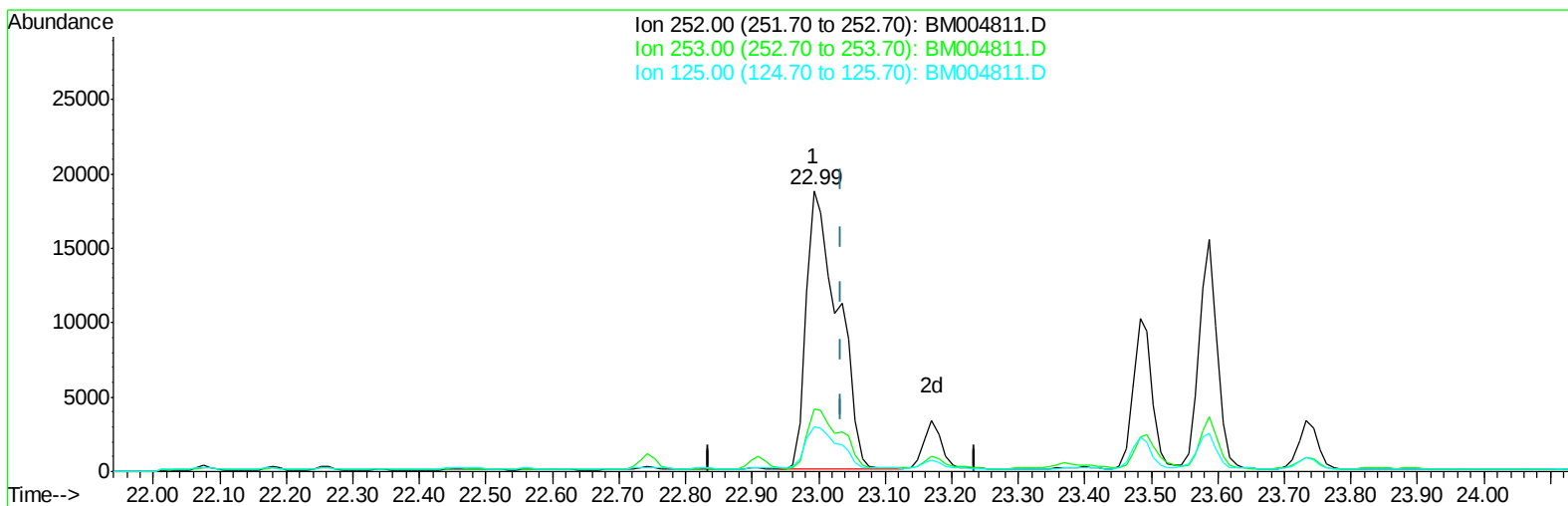
22.993min (-0.000) 2.49ng/ul m

response 47427

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.47
125.00	14.40	16.10
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
Data File : BM004811.D
Acq On : 28 Mar 2016 19:16
Operator : UM/SJ
Sample : H1909-05DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 20:00:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
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TIC: BM004811.D

(24) Benzo(k)fluoranthene

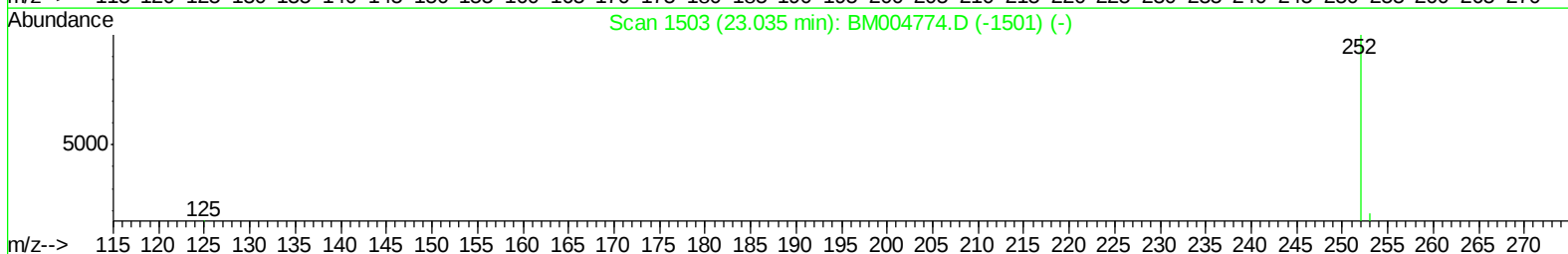
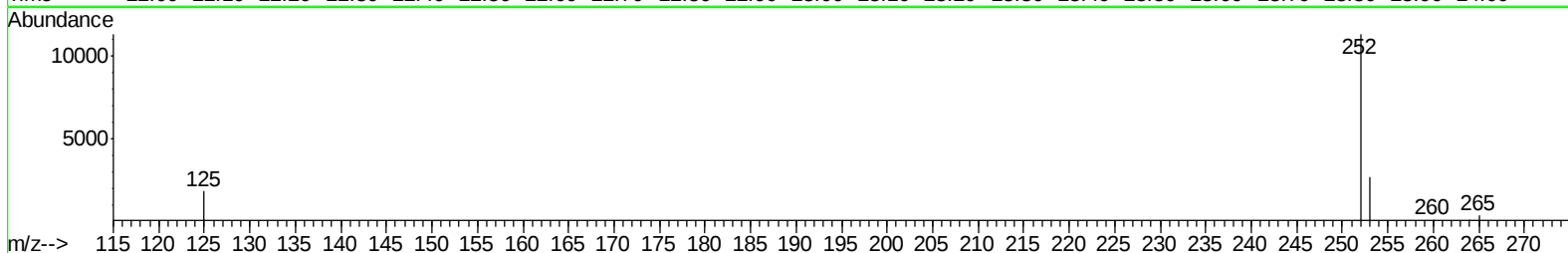
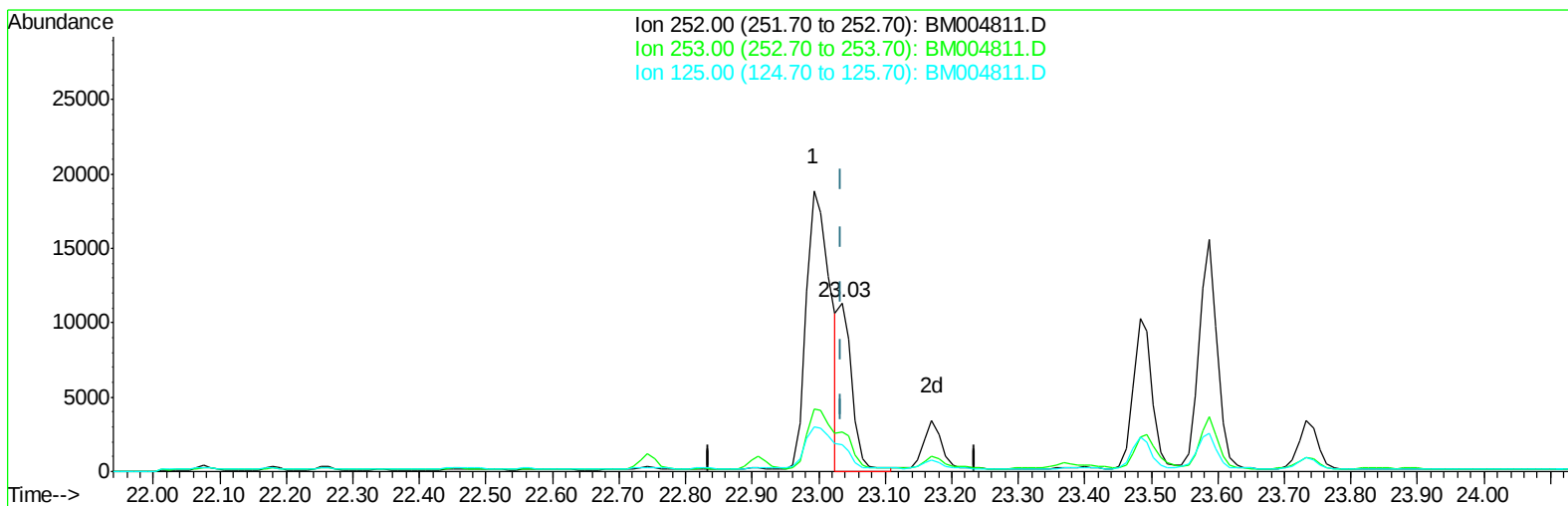
22.993min (-0.042) 3.52ng/ul

response 62267

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	22.47
125.00	13.00	16.10#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
Data File : BM004811.D
Acq On : 28 Mar 2016 19:16
Operator : UM/SJ
Sample : H1909-05DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 20:00:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
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Response via : Initial Calibration



TIC: BM004811.D

(24) Benzo(k)fluoranthene

23.034min (-0.000) 0.91ng/ul m

response 16103

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	23.82
125.00	13.00	16.14#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032816\
 Data File : BM004811.D
 Acq On : 28 Mar 2016 19:16
 Operator : UM/SJ
 Sample : H1909-05DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 05 20:02:12 2016

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 05 18:29:16 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1147	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5111	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2831	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	6326	0.40	ng/ul	0.00
18) Chrysene-d12	21.40	240	6640	0.40	ng/ul	0.00
22) Perylene-d12	23.69	264	5659	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.32	96	927	1.79	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	367	0.05	ng/ul	0.01
16) Fluoranthene-d10	19.24	212	955	0.06	ng/ul	0.00

Target Compounds

					Qvalue
5) Naphthalene	10.67	128	1928	0.16	ng/ul# 89
7) 2-Methylnaphthalene	12.28	142	340	0.04	ng/ul# 99
9) Acenaphthylene	14.18	152	4355	0.33	ng/ul# 94
10) Acenaphthene	14.52	153	708	0.08	ng/ul# 87
11) Fluorene	15.51	166	1479	0.13	ng/ul# 87
14) Phenanthrene	17.24	178	27085	1.52	ng/ul 96
15) Anthracene	17.33	178	7289	0.43	ng/ul 96
17) Fluoranthene	19.27	202	81161	4.01	ng/ul 98
19) Pyrene	19.63	202	69492	3.06	ng/ul 97
20) Benzo(a)anthracene	21.38	228	36728	1.80	ng/ul 95
21) Chrysene	21.43	228	36251	1.84	ng/ul 96
23) Benzo(b)fluoranthene	22.99	252	47427m	2.49	ng/ul
24) Benzo(k)fluoranthene	23.03	252	16103m	0.91	ng/ul
25) Benzo(a)pyrene	23.59	252	29645	1.70	ng/ul 99
26) Indeno(1,2,3-cd)pyrene	26.01	276	15228	0.94	ng/ul# 88
27) Dibenzo(a,h)anthracene	26.02	278	3702	0.29	ng/ul# 82
28) Benzo(g,h,i)perylene	26.72	276	12885	0.96	ng/ul 94

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

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