

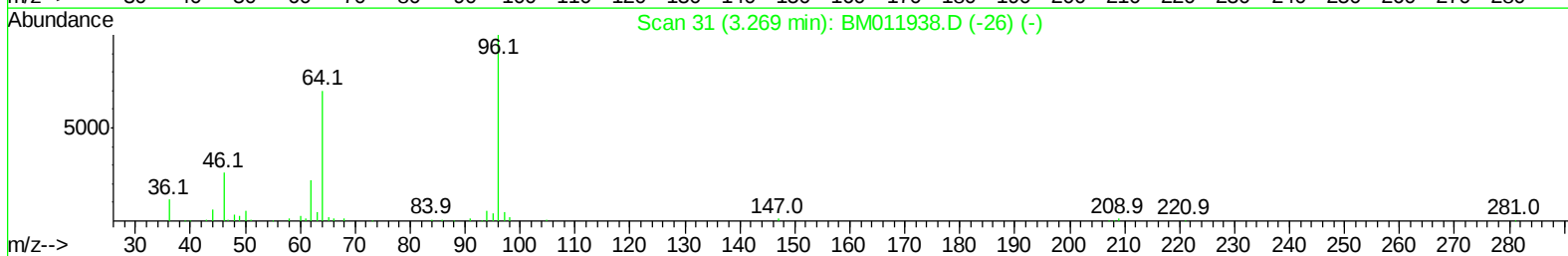
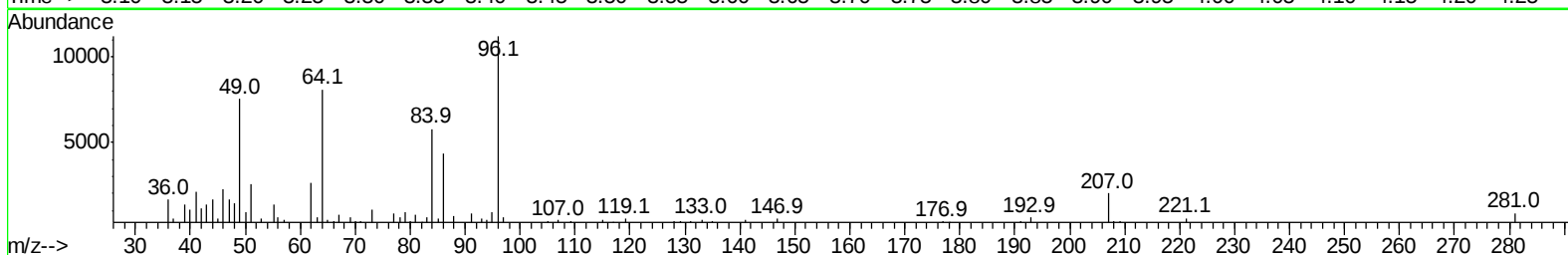
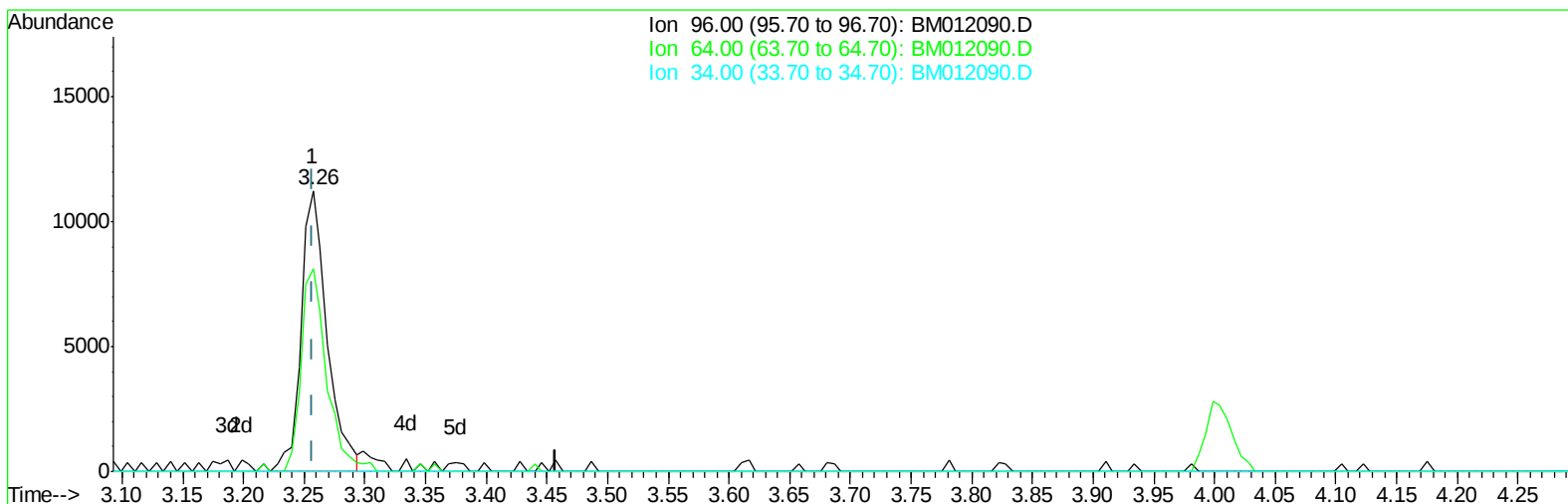
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012090.D
Acq On : 12 Oct 2017 04:14
Operator : SJ/JU
Sample : I5649-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-57(1-2)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:09:34 PM

Quant Time: Oct 12 06:43:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 04:22:15 2017
Response via : Initial Calibration



TIC: BM012090.D

(3) 1,4-Dioxane-d8 (S)

3.257min (-0.000) 2.15ng/uL

response 16793

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	70.86
34.00	0.00	0.00
0.00	0.00	0.00

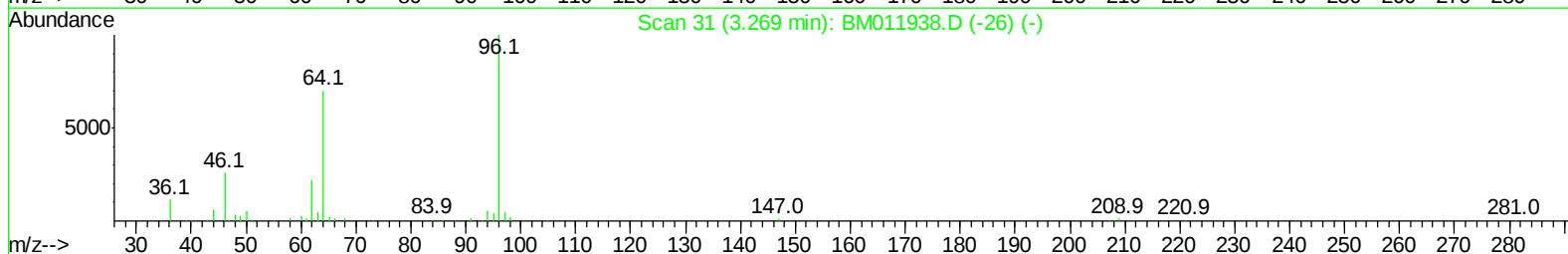
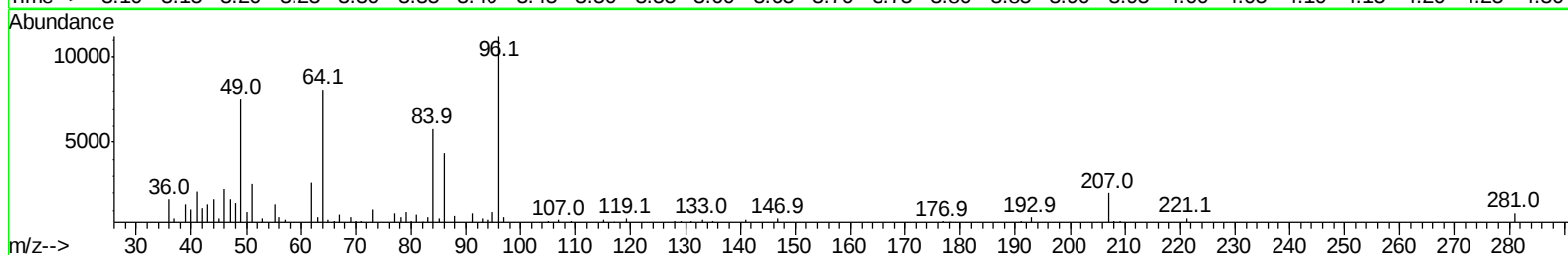
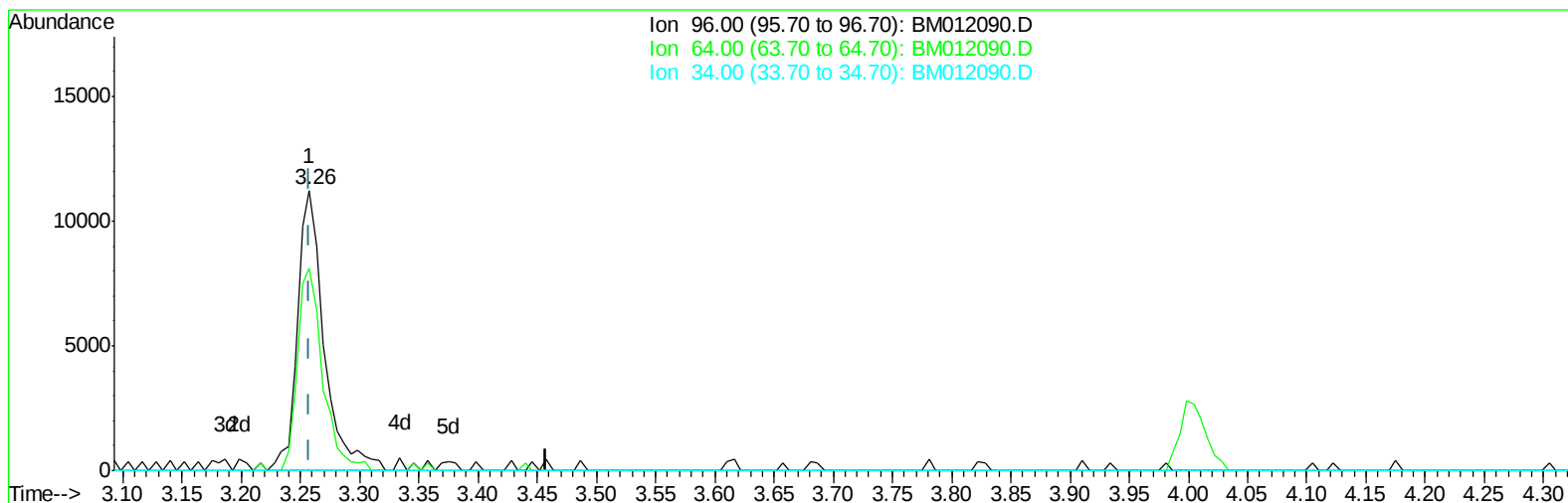
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012090.D
Acq On : 12 Oct 2017 04:14
Operator : SJ/JU
Sample : I5649-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-57(1-2)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:09:34 PM

Quant Time: Oct 12 06:43:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 04:22:15 2017
Response via : Initial Calibration



TIC: BM012090.D

(3) 1,4-Dioxane-d8 (S)

3.257min (-0.000) 2.25ng/uL m

response 17583

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	67.67
34.00	0.00	0.00
0.00	0.00	0.00

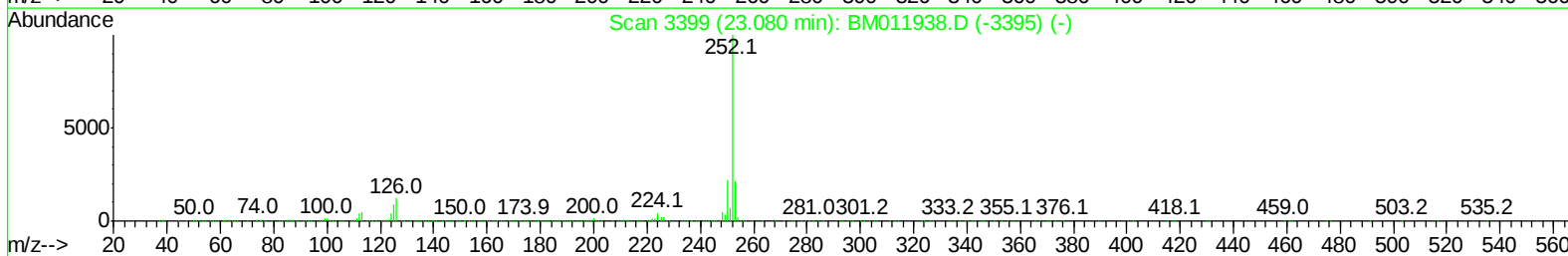
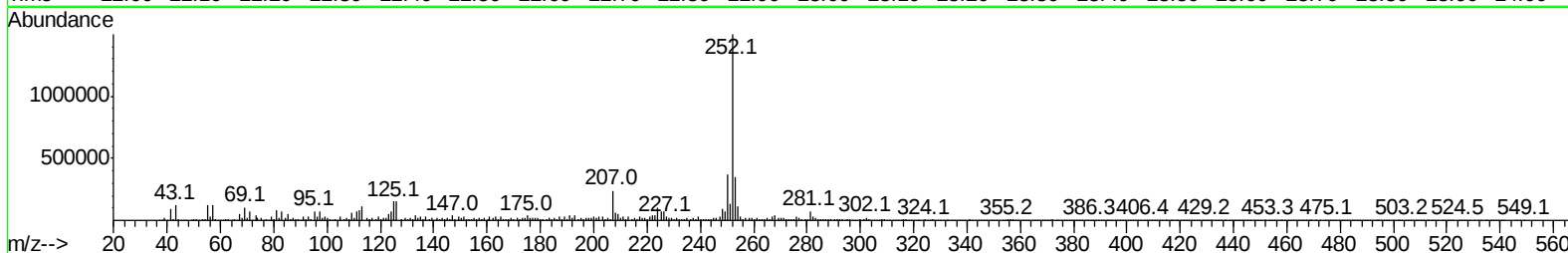
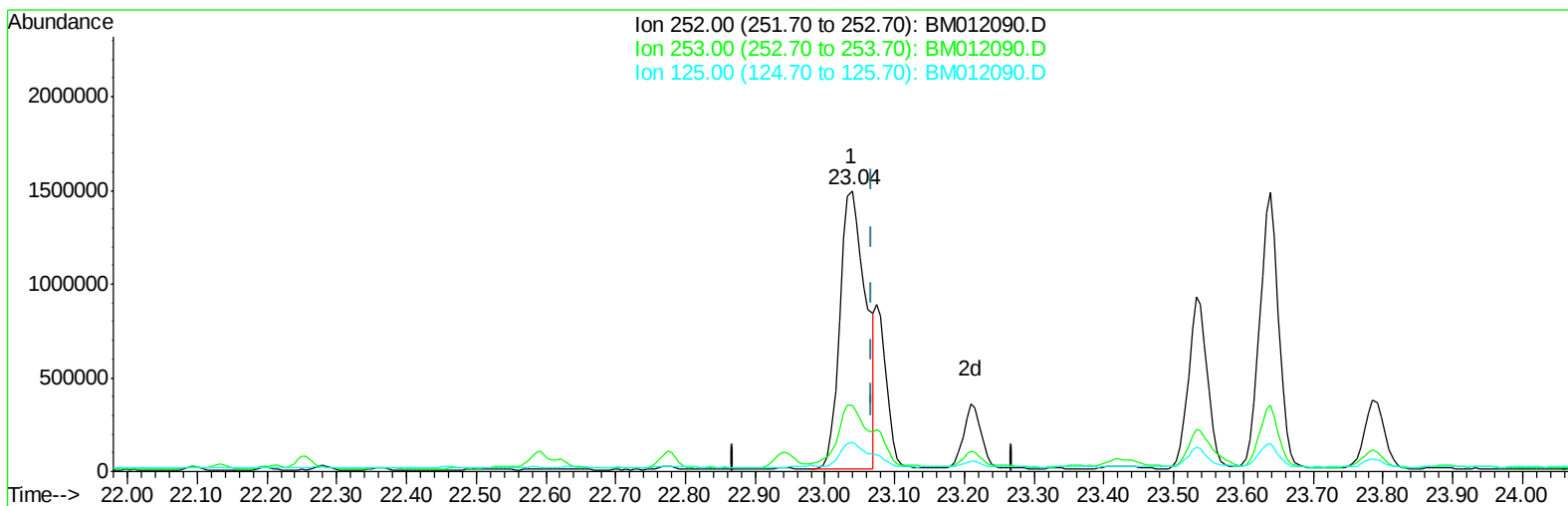
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012090.D
Acq On : 12 Oct 2017 04:14
Operator : SJ/JU
Sample : I5649-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-57(1-2)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:09:34 PM

Quant Time: Oct 12 06:43:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 04:22:15 2017
Response via : Initial Calibration



TIC: BM012090.D

(86) Benzo(k)fluoranthene

23.039min (-0.029) 33.60ng/ul

response 3797637

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.45
125.00	4.30	10.25#
0.00	0.00	0.00

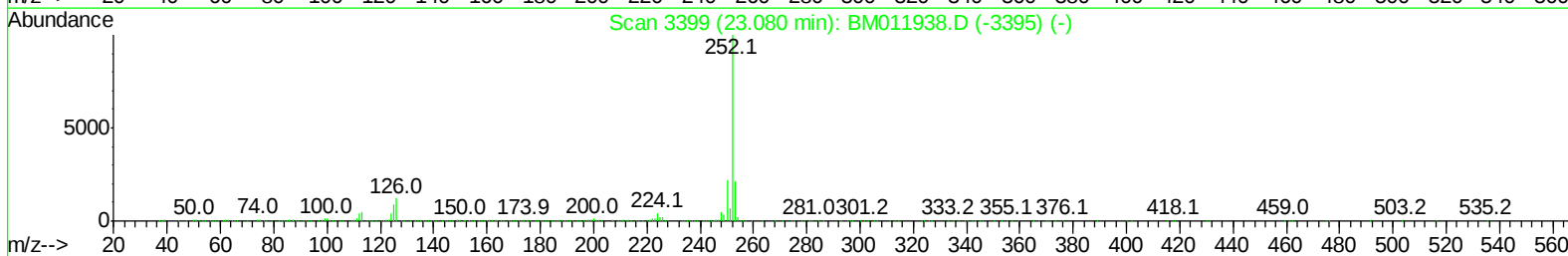
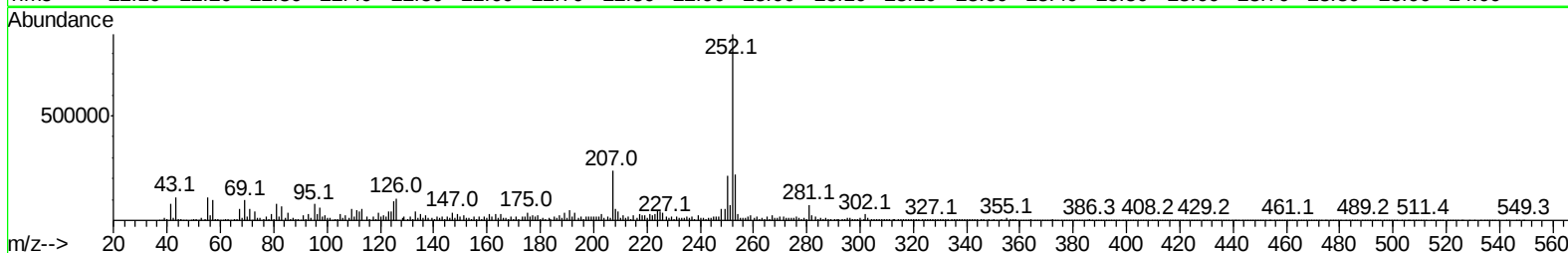
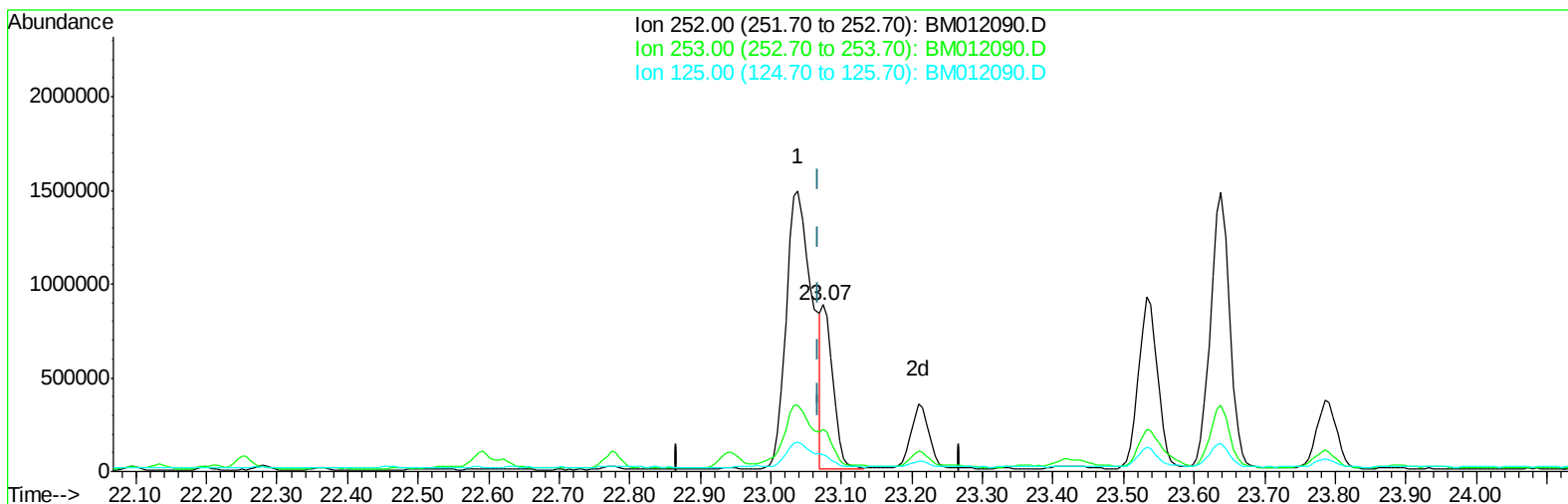
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012090.D
Acq On : 12 Oct 2017 04:14
Operator : SJ/JU
Sample : I5649-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-57(1-2)-100317

Quant Time: Oct 12 06:43:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 04:22:15 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
10/13/2017 12:09:34 PM



TIC: BM012090.D

(86) Benzo(k)fluoranthene

23.074min (+0.006) 8.97ng/ul m

response 1014162

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.87
125.00	4.30	10.28#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
 Data File : BM012090.D
 Acq On : 12 Oct 2017 04:14
 Operator : SJ/JU
 Sample : I5649-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-57(1-2)-100317

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:09:34 PM

Quant Time: Oct 12 06:46:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 04:22:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	370124	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1476053	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	798945	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1645583	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1679018	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1862263	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	17583m	2.25	ng/uL	0.00
5) Phenol-d5	7.00	99	318833	10.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	198442	10.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	280588	10.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	257324	9.35	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	125953	11.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	143571	12.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	277230	11.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	220666	8.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	848037	12.25	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1019563	12.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	63869	5.28	ng/ul	0.01
57) Fluorene-d10	15.48	176	700376	11.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	31967	2.89	ng/ul	0.00
70) Anthracene-d10	17.33	188	1032868	12.74	ng/ul	0.00
76) Pyrene-d10	19.63	212	1083922	14.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1165619	13.01	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.94	163	288287	4.328	ng/ul	99
69) Phenanthrene	17.27	178	1201323	13.272	ng/ul	99
71) Anthracene	17.37	178	403625	4.382	ng/ul	98
74) Fluoranthene	19.29	202	4352467	39.409	ng/ul#	91
77) Pyrene	19.66	202	3944468	42.369	ng/ul#	90
80) Benzo(a)anthracene	21.40	228	2827759	29.398	ng/ul	97
82) Chrysene	21.45	228	2331863	25.515	ng/ul	97
85) Benzo(b)fluoranthene	23.04	252	3797637	33.550	ng/ul#	95
86) Benzo(k)fluoranthene	23.07	252	1014162m	8.974	ng/ul	
88) Benzo(a)pyrene	23.64	252	2791337	25.663	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.11	276	1819054	15.629	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.11	278	456892	4.777	ng/ul#	74
91) Benzo(g,h,i)perylene	26.85	276	1409220	14.637	ng/ul#	90

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012090.D
Acq On : 12 Oct 2017 04:14
Operator : SJ/JU
Sample : I5649-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
B-57(1-2)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:09:34 PM

Quant Time: Oct 12 06:46:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 04:22:15 2017
Response via : Initial Calibration

