

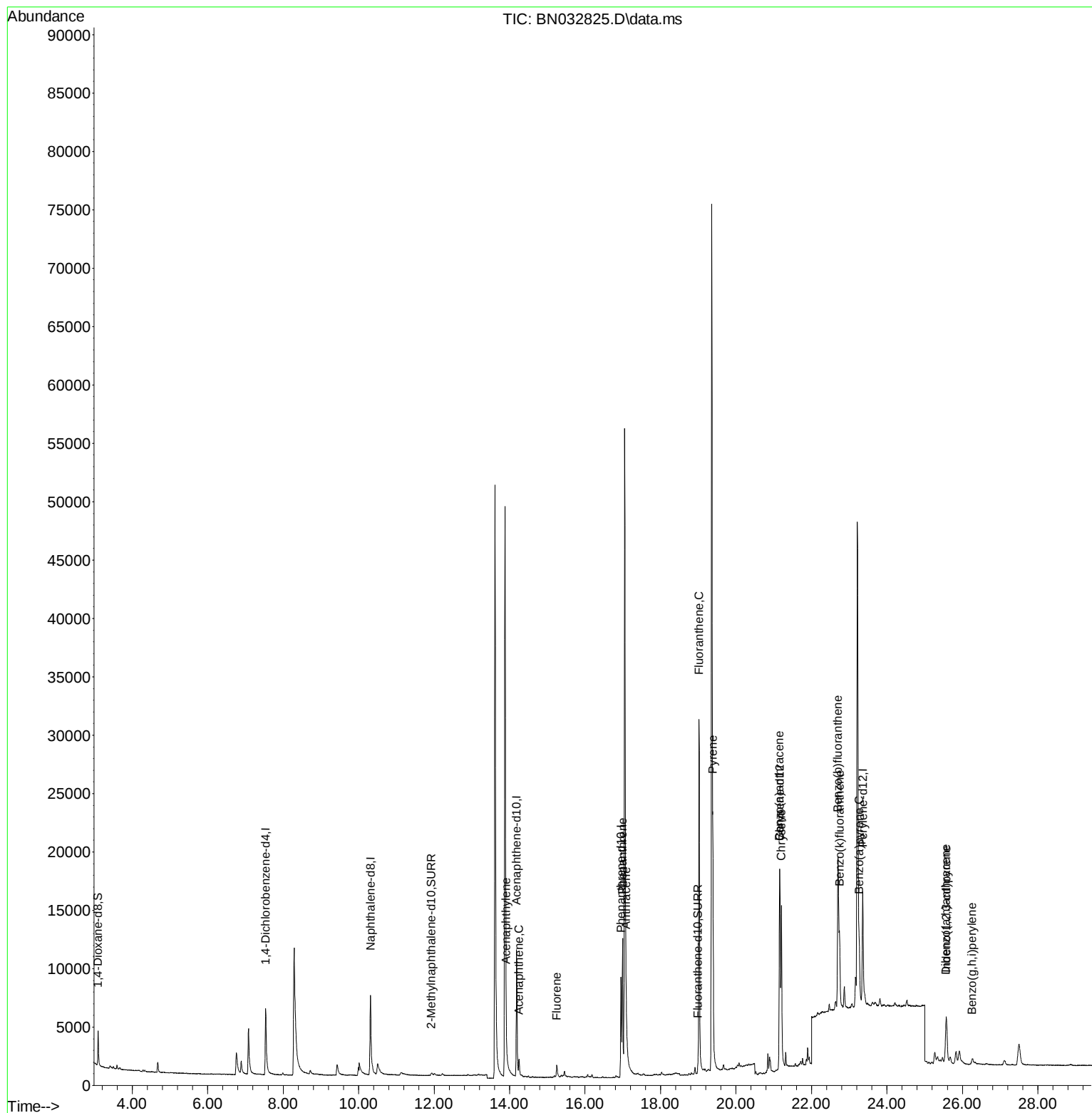
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032825.D
Acq On : 18 Jul 2024 19:50
Operator : MA/JU
Sample : P3177-07DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS5DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:32:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



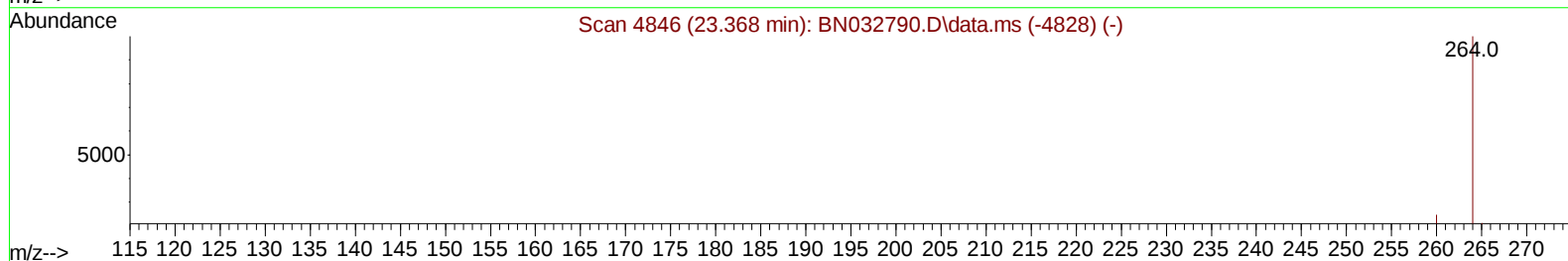
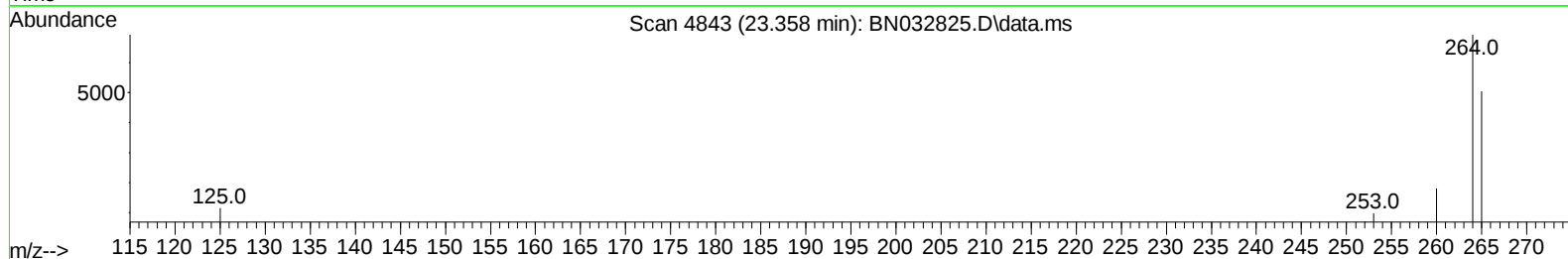
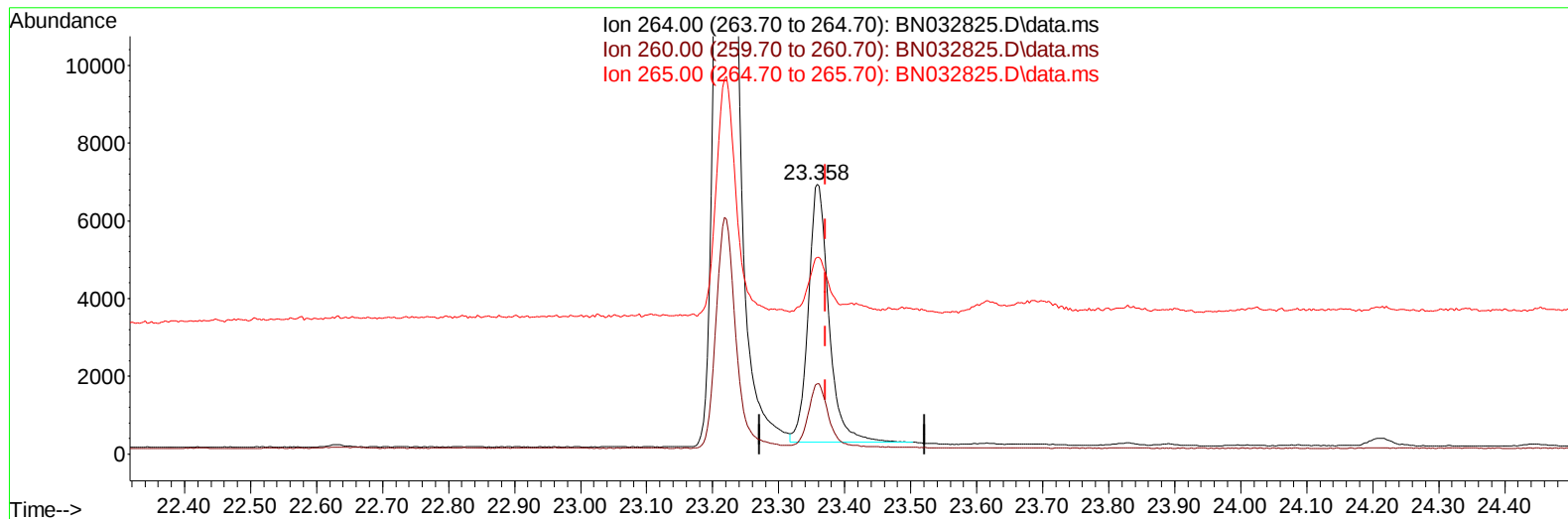
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032825.D
Acq On : 18 Jul 2024 19:50
Operator : MA/JU
Sample : P3177-07DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS5DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:32:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032825.D\data.ms

(23) Perylene-d12 (I)

23.358min (-0.013) 0.40 ng/u1

response 14519

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	26.06
265.00	95.50	72.92#
0.00	0.00	0.00

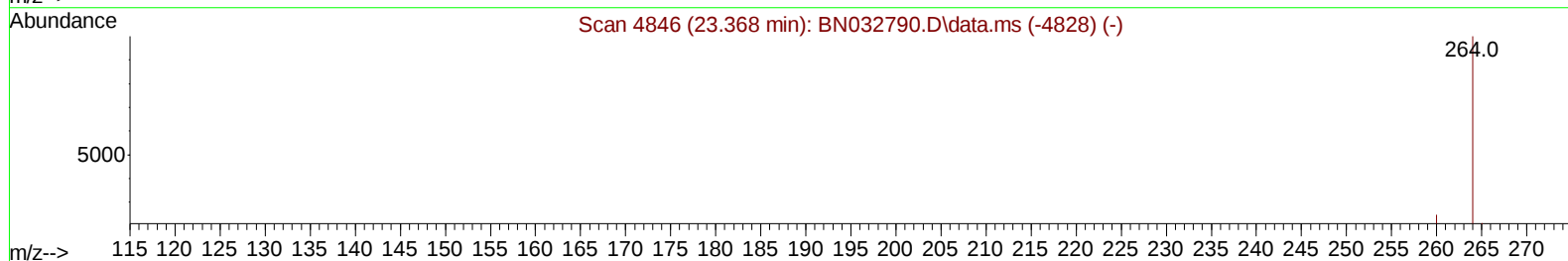
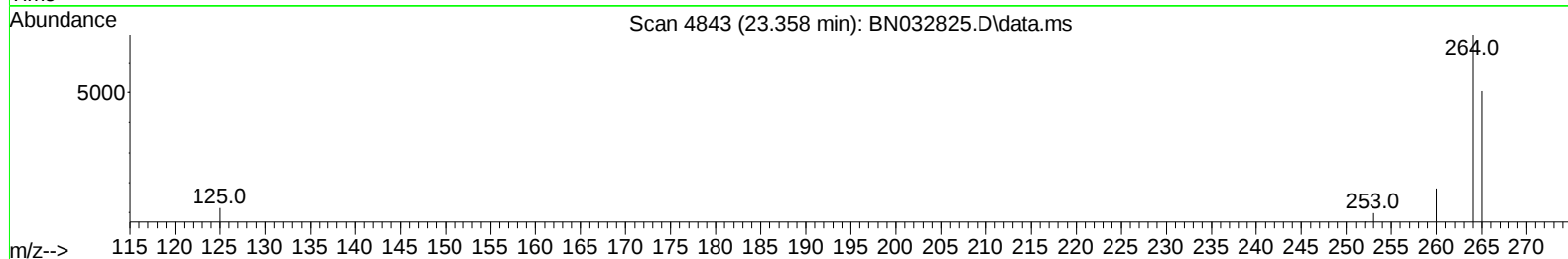
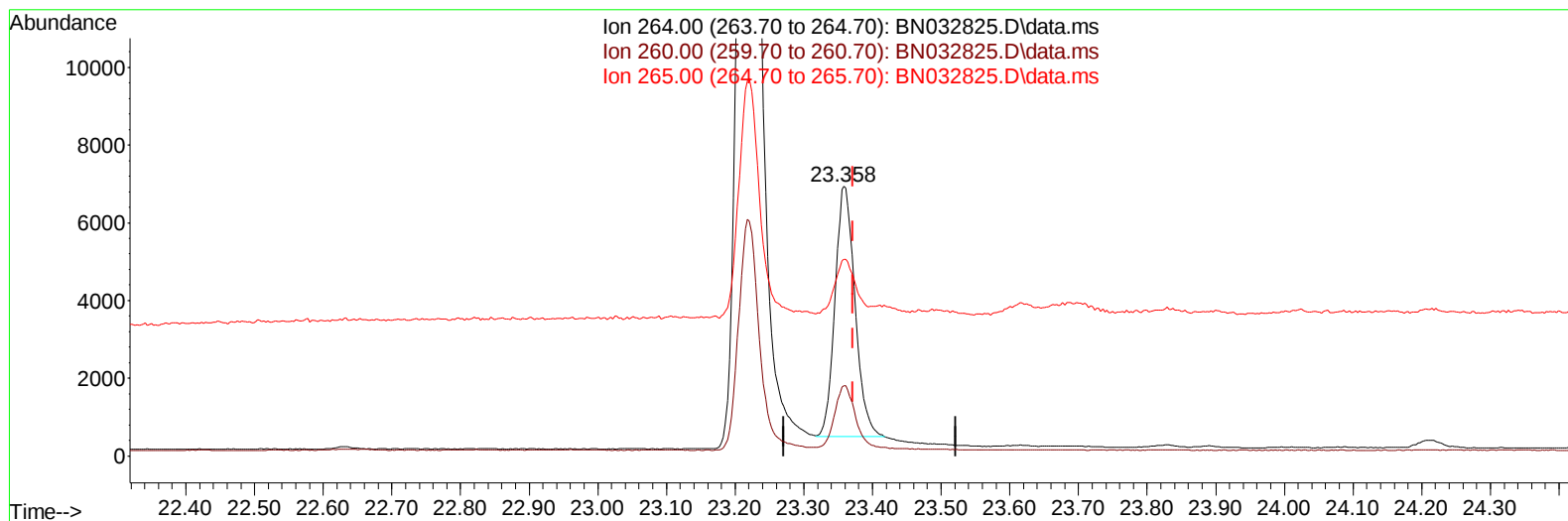
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032825.D
Acq On : 18 Jul 2024 19:50
Operator : MA/JU
Sample : P3177-07DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS5DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:32:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032825.D\data.ms

(23) Perylene-d12 (I)

23.358min (-0.013) 0.40 ng/ul m

response 12962

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	26.06
265.00	95.50	72.92#
0.00	0.00	0.00

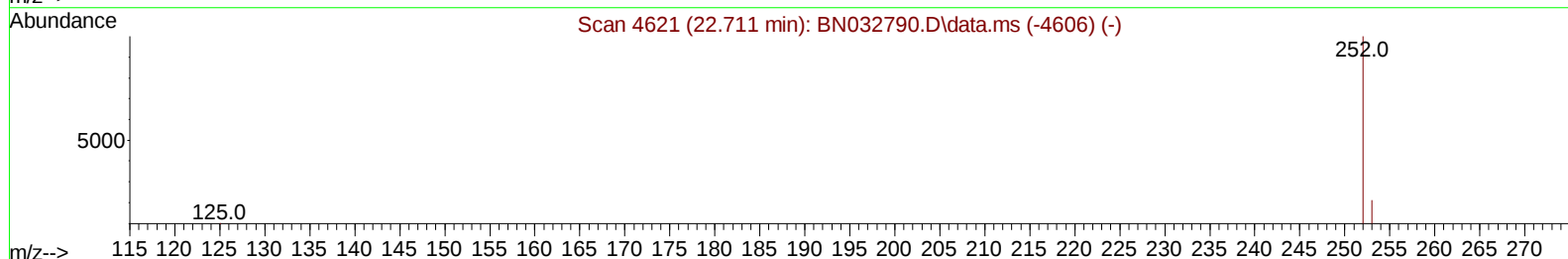
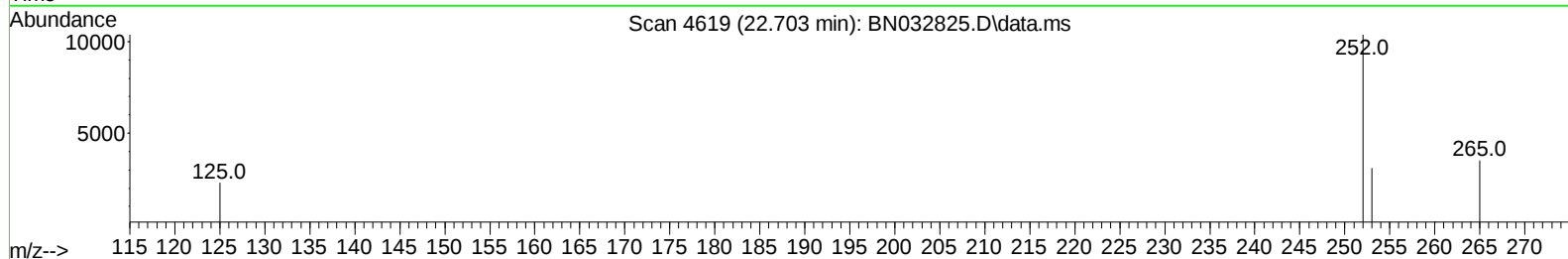
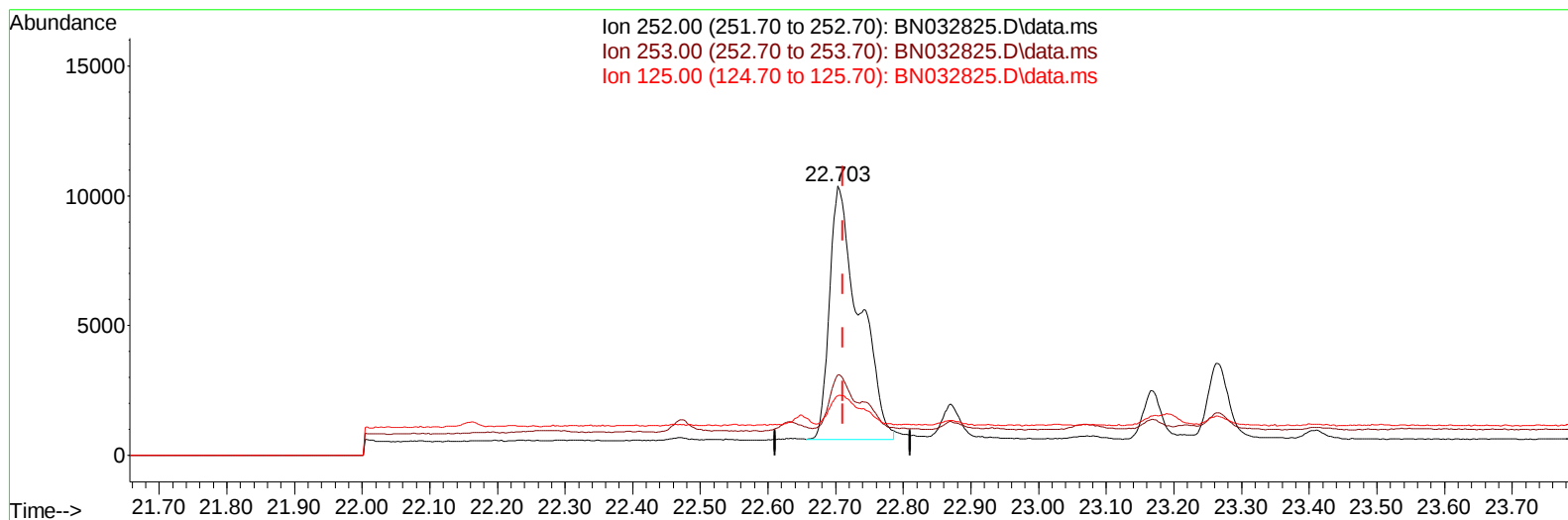
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032825.D
Acq On : 18 Jul 2024 19:50
Operator : MA/JU
Sample : P3177-07DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS5DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:32:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032825.D\data.ms

(24) Benzo(b)fluoranthene

22.703min (-0.007) 0.65 ng/u1

response 29705

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	29.78
125.00	18.00	22.10
0.00	0.00	0.00

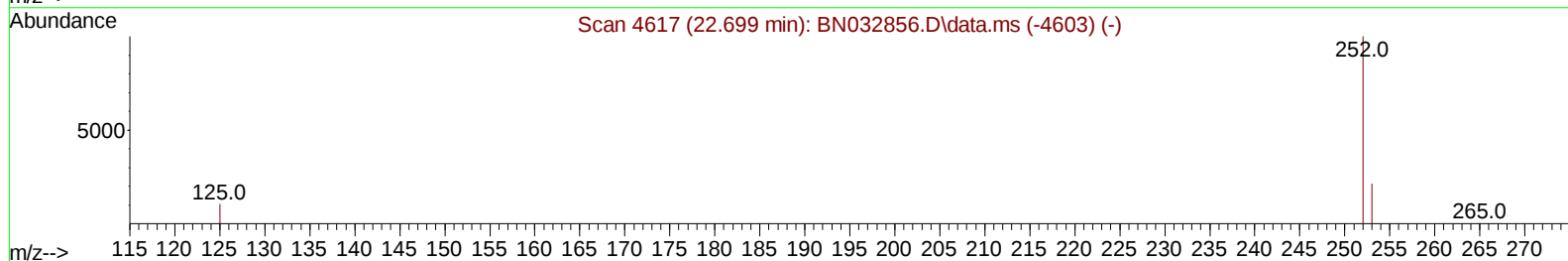
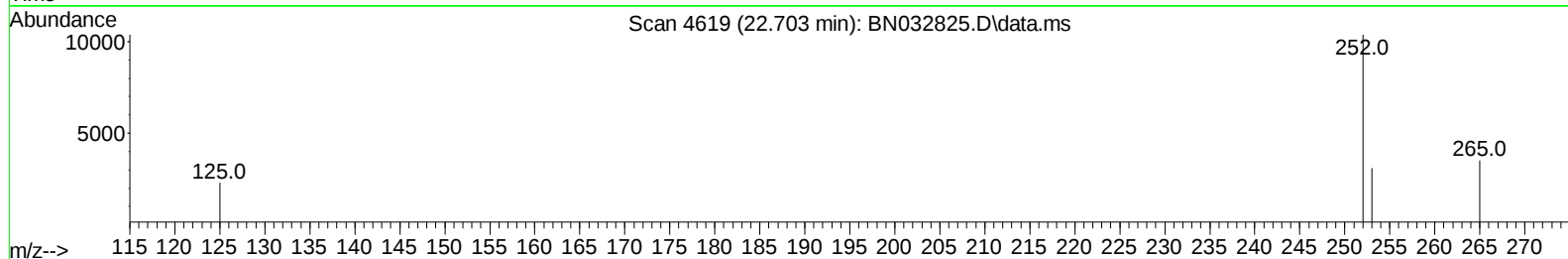
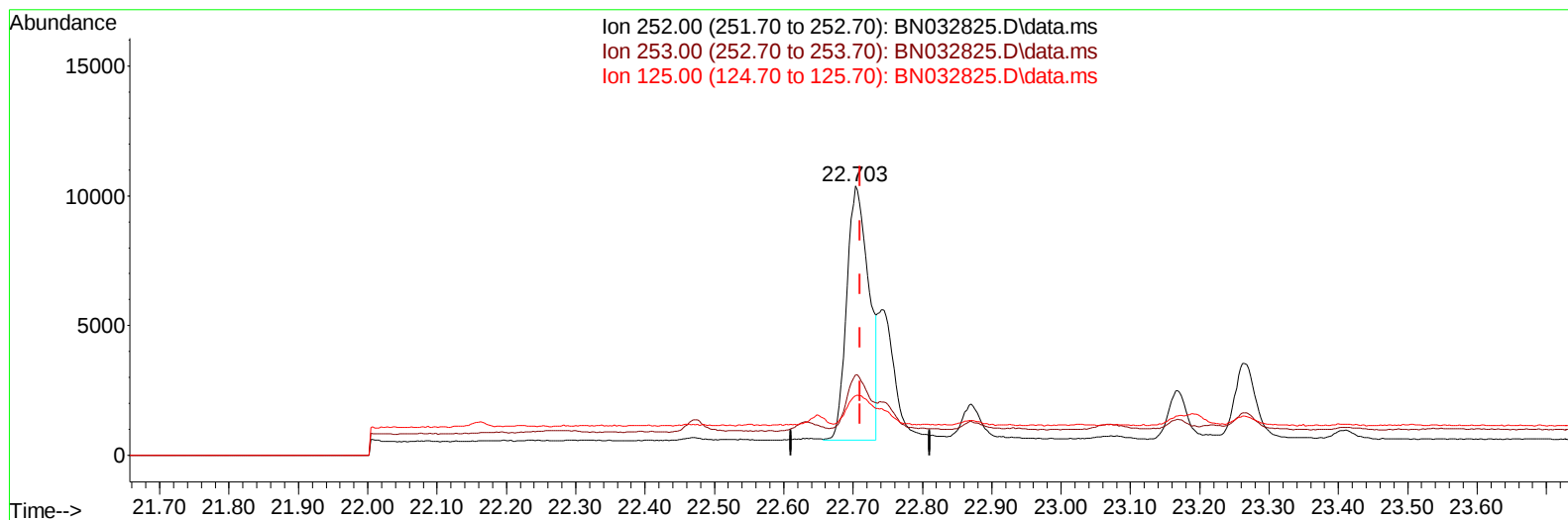
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032825.D
Acq On : 18 Jul 2024 19:50
Operator : MA/JU
Sample : P3177-07DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS5DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:32:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032825.D\data.ms

(24) Benzo(b)fluoranthene

22.703min (-0.007) 0.47 ng/ul m

response 21537

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	29.78
125.00	18.00	22.10
0.00	0.00	0.00

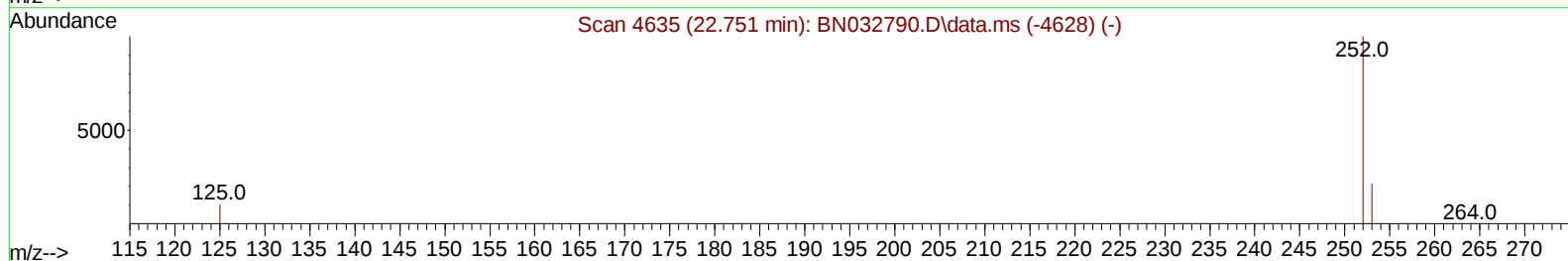
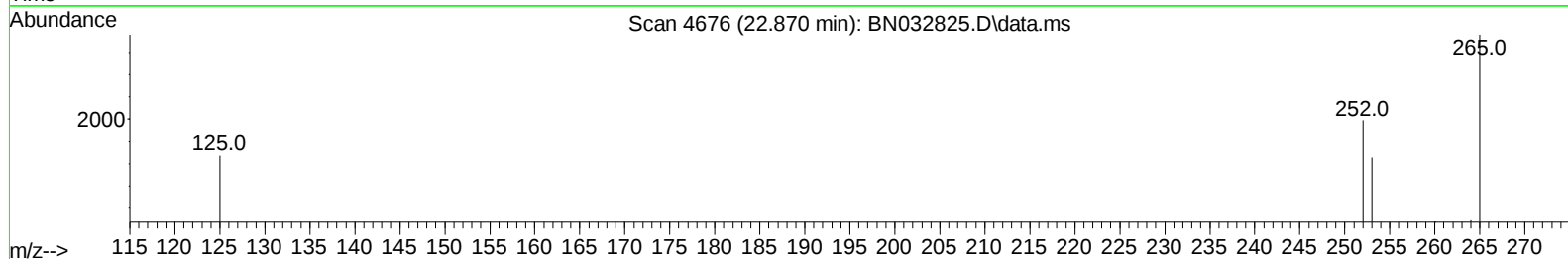
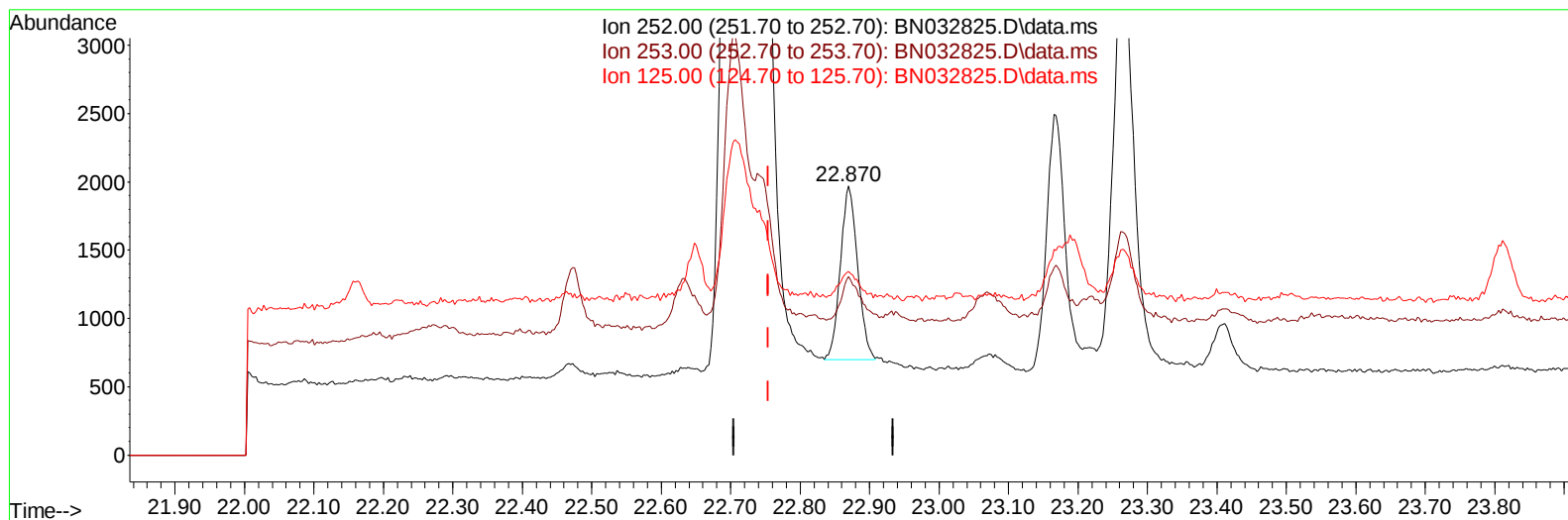
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032825.D
Acq On : 18 Jul 2024 19:50
Operator : MA/JU
Sample : P3177-07DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS5DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:32:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032825.D\data.ms

(25) Benzo(k)fluoranthene

22.870min (+ 0.116) 0.04 ng/u1

response 2189

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	66.43#
125.00	18.50	68.31#
0.00	0.00	0.00

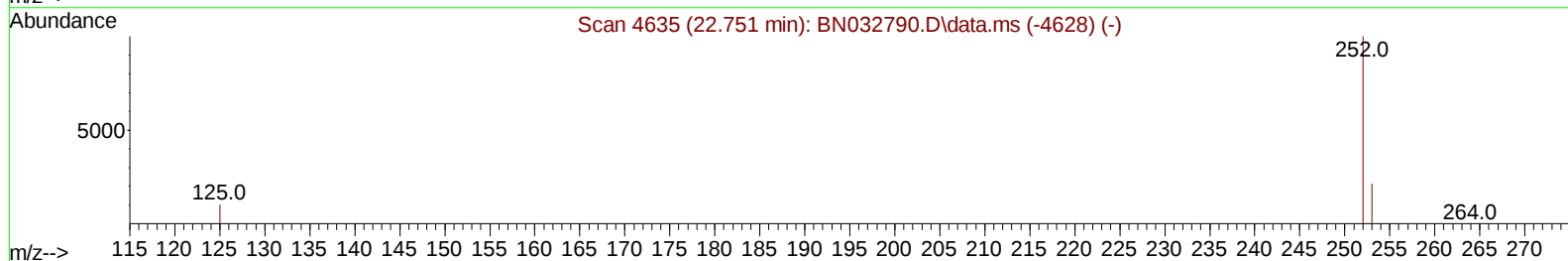
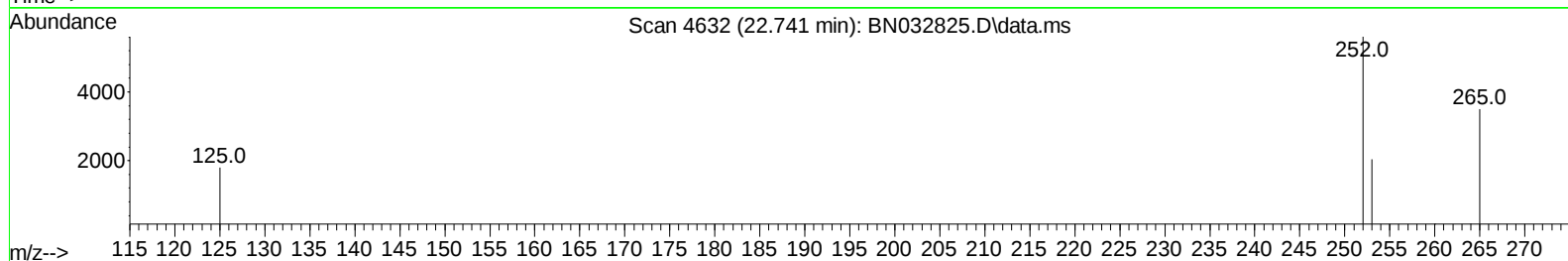
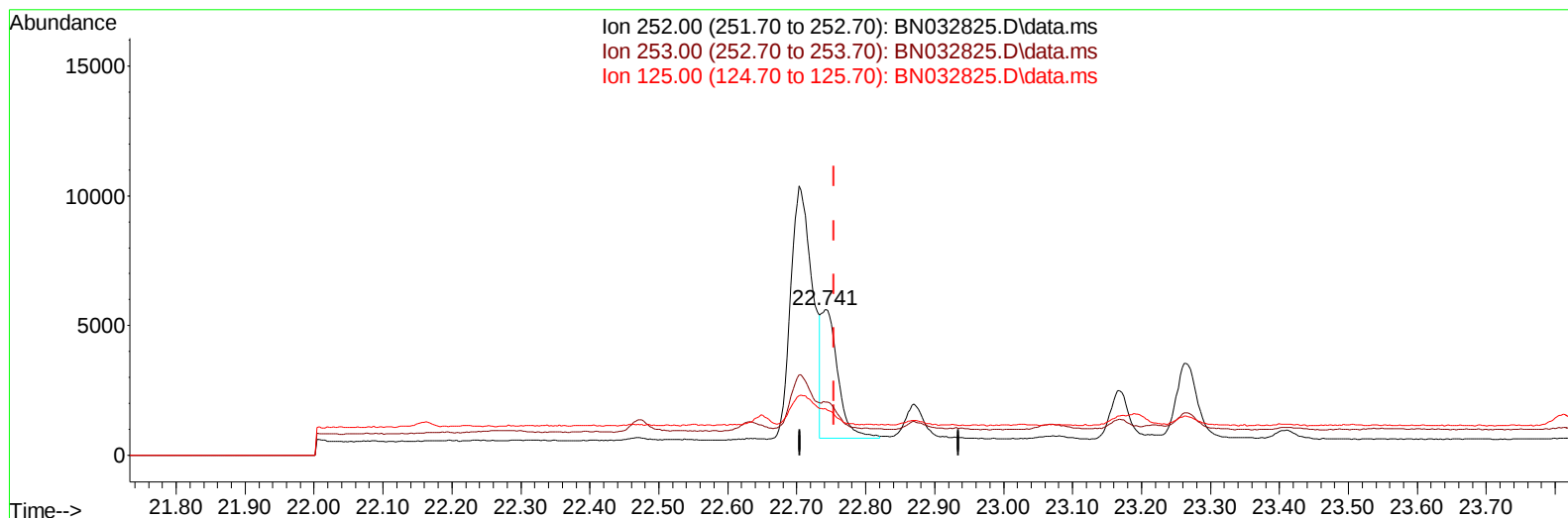
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032825.D
Acq On : 18 Jul 2024 19:50
Operator : MA/JU
Sample : P3177-07DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS5DL

Manual IntegrationsAPPROVED

Quant Time: Jul 18 23:32:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032825.D\data.ms

(25) Benzo(k)fluoranthene

22.741min (-0.013) 0.15 ng/ul m

response 8413

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	36.41#
125.00	18.50	31.99#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032825.D
 Acq On : 18 Jul 2024 19:50
 Operator : MA/JU
 Sample : P3177-07DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BS5DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 23:32:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	4237	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.315	136	12875	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.187	164	6901	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.951	188	12237	0.400	ng/ul	-0.01
17) Chrysene-d12	21.166	240	11582	0.400	ng/ul	0.00
23) Perylene-d12	23.358	264	12962m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	2228	0.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	550	0.028	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	1050	0.028	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.909	152	662	0.024	ng/ul#	59
11) Acenaphthene	14.252	153	873	0.038	ng/ul	97
12) Fluorene	15.251	166	1008	0.038	ng/ul#	94
15) Phenanthrene	16.994	178	14037	0.421	ng/ul	100
16) Anthracene	17.086	178	3438	0.126	ng/ul#	87
19) Fluoranthene	19.021	202	29755	0.632	ng/ul	99
20) Pyrene	19.388	202	18187	0.373	ng/ul	99
21) Benzo(a)anthracene	21.152	228	15198	0.412	ng/ul	95
22) Chrysene	21.204	228	14402	0.270	ng/ul	96
24) Benzo(b)fluoranthene	22.703	252	21537m	0.471	ng/ul	
25) Benzo(k)fluoranthene	22.741	252	8413m	0.151	ng/ul	
26) Benzo(a)pyrene	23.265	252	6096	0.154	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.574	276	6712	0.125	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.568	278	2430	0.058	ng/ul#	27
29) Benzo(g,h,i)perylene	26.259	276	929	0.021	ng/ul#	2

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