

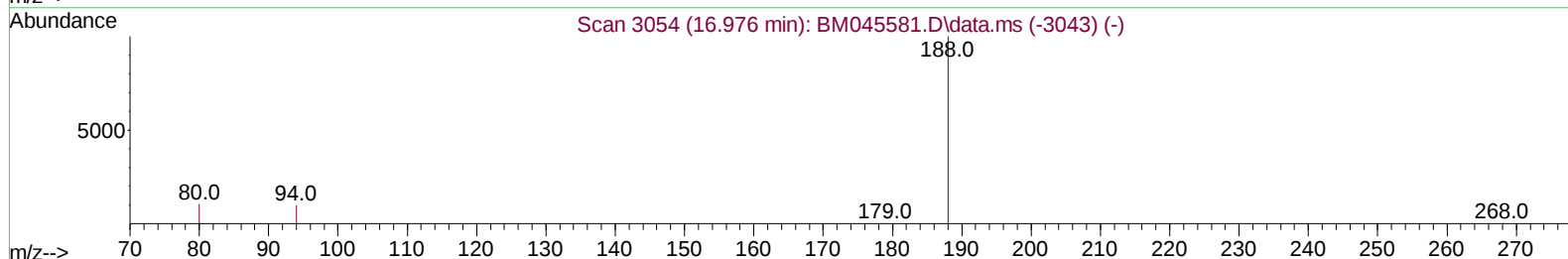
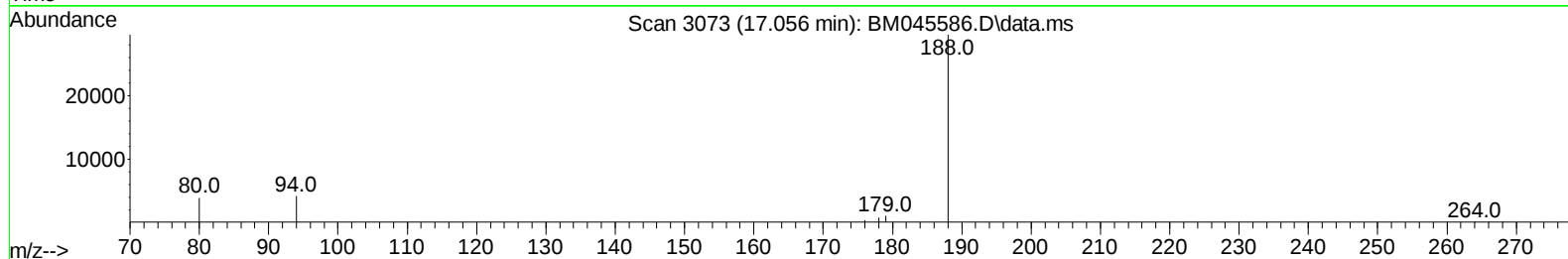
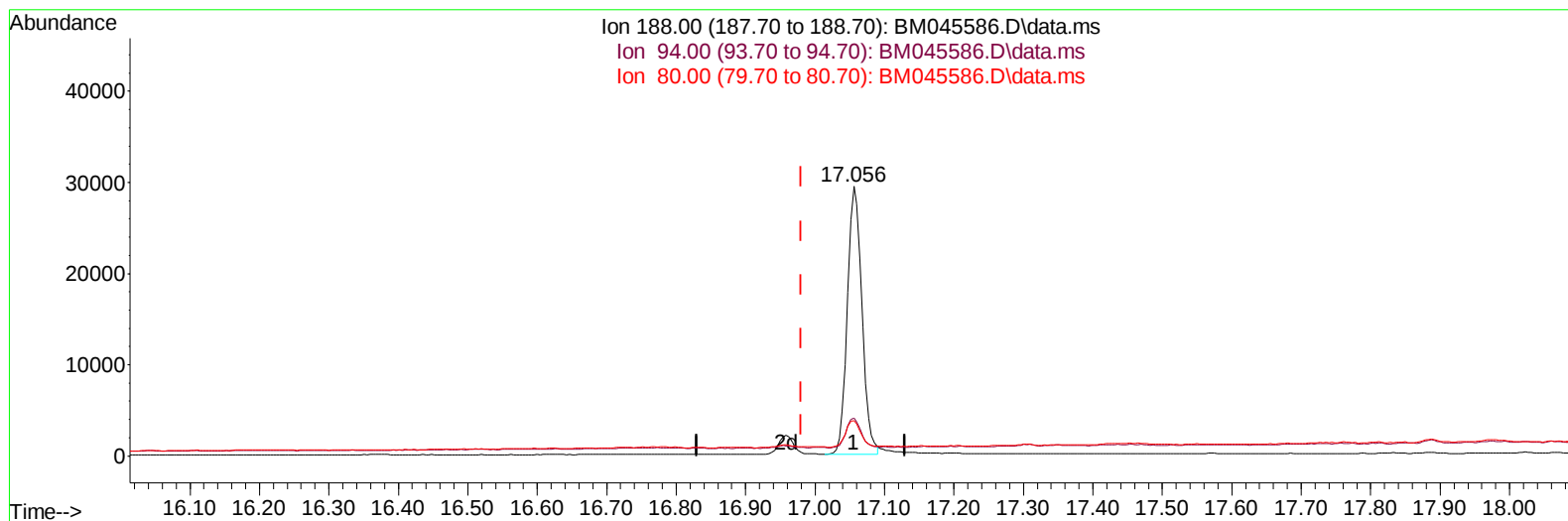
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045586.D
Acq On : 26 Apr 2024 11:06
Operator : MA/JU
Sample : P2037-23DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX8DL

Manual IntegrationsAPPROVED

Quant Time: Apr 26 11:43:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045586.D\data.ms

(13) Phenanthrene-d10 (I)

17.056min (+ 0.076) 0.40 ng/u1

response 42646

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	14.06
80.00	14.80	13.11
0.00	0.00	0.00

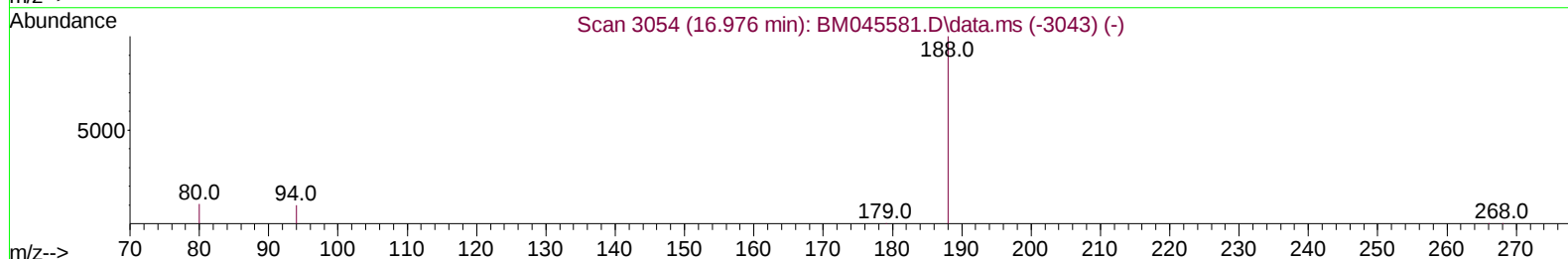
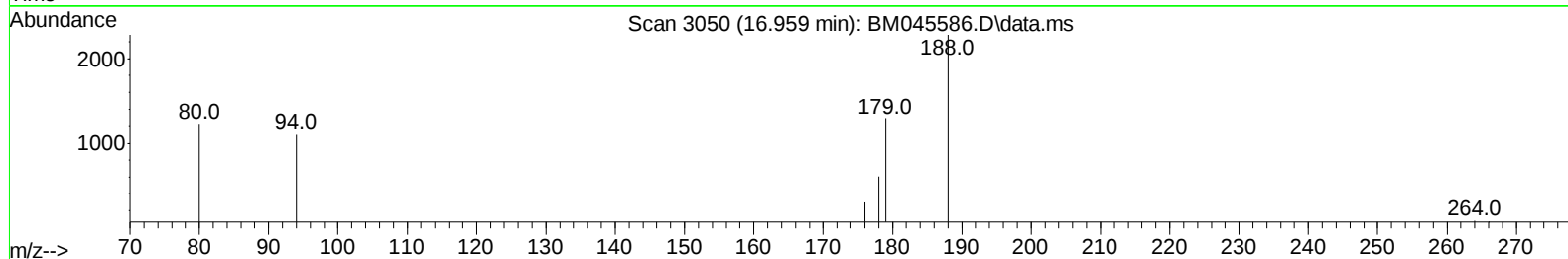
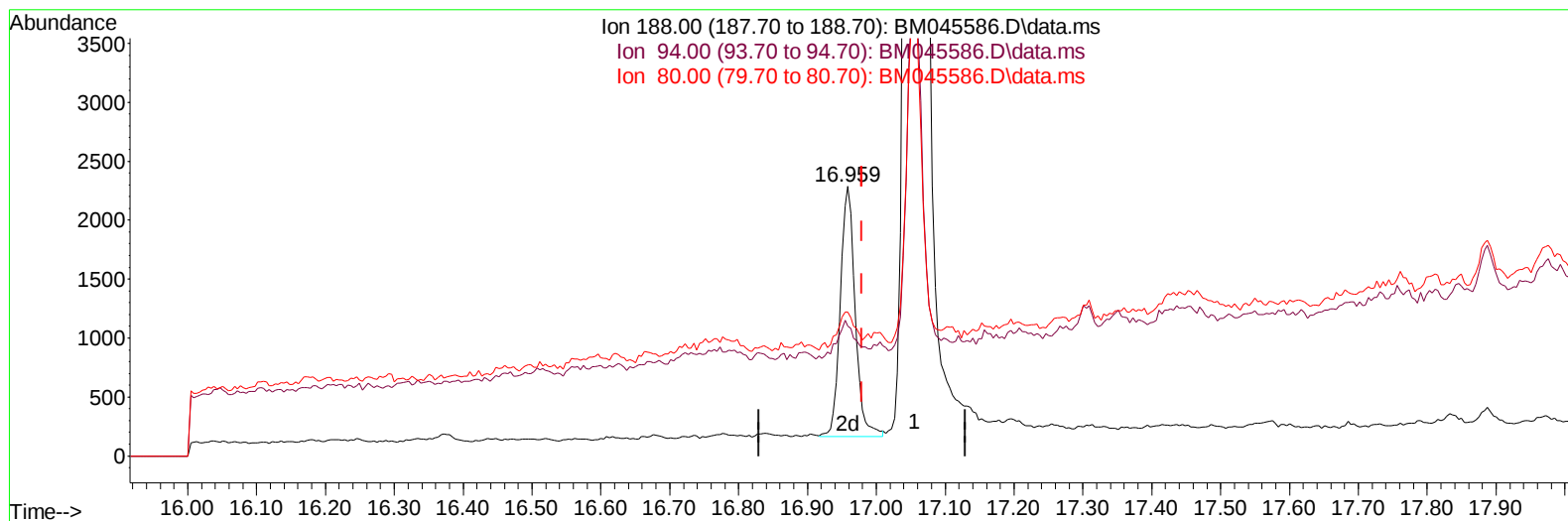
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TIC: BM045586.D\data.ms

(13) Phenanthrene-d10 (I)

16.959min (-0.021) 0.40 ng/ul m

response 3216

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	48.29#
80.00	14.80	53.50#
0.00	0.00	0.00

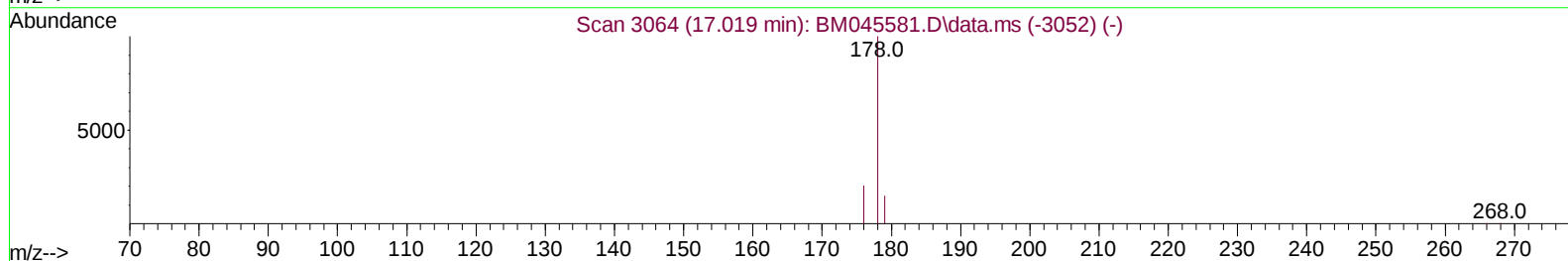
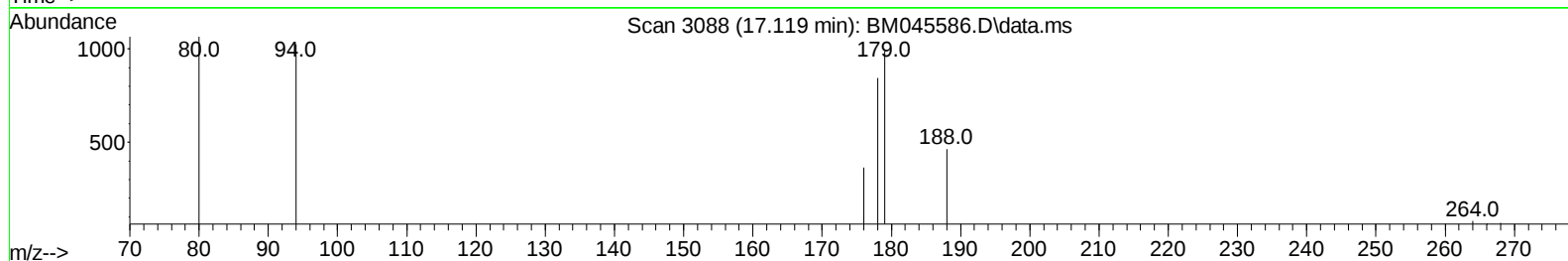
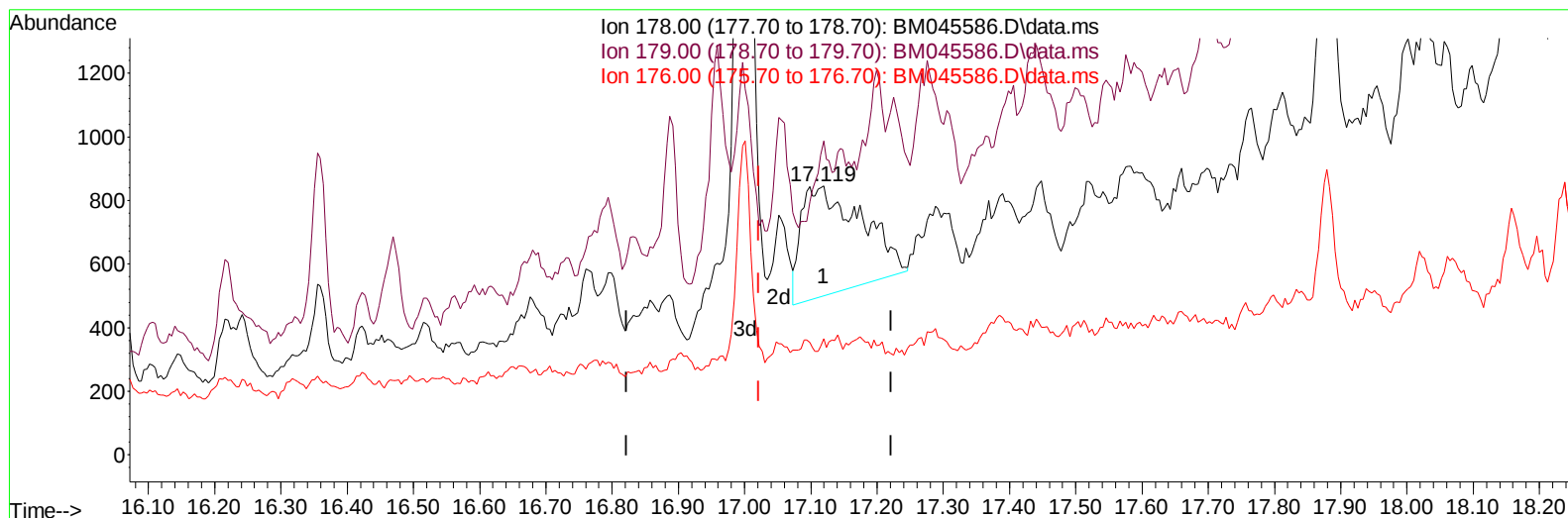
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM045586.D\data.ms

(15) Phenanthrene

17.119min (+ 0.097) 0.23 ng/u1

response 2156

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	116.80#
176.00	23.70	43.31#
0.00	0.00	0.00

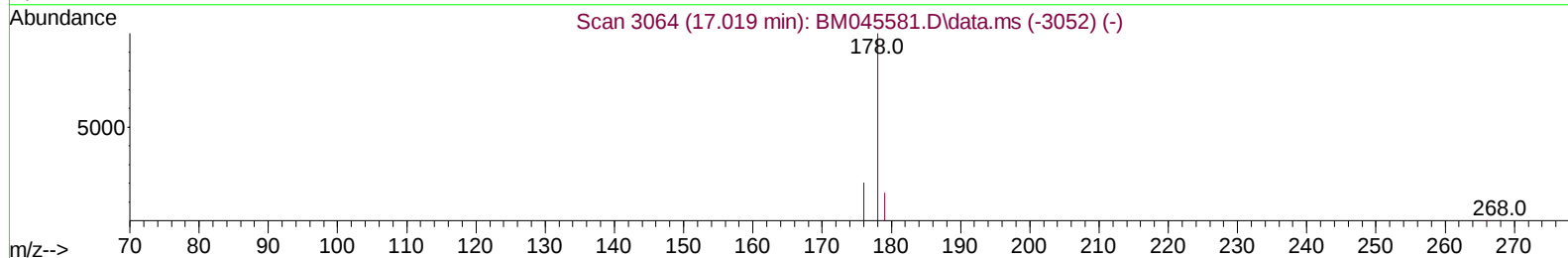
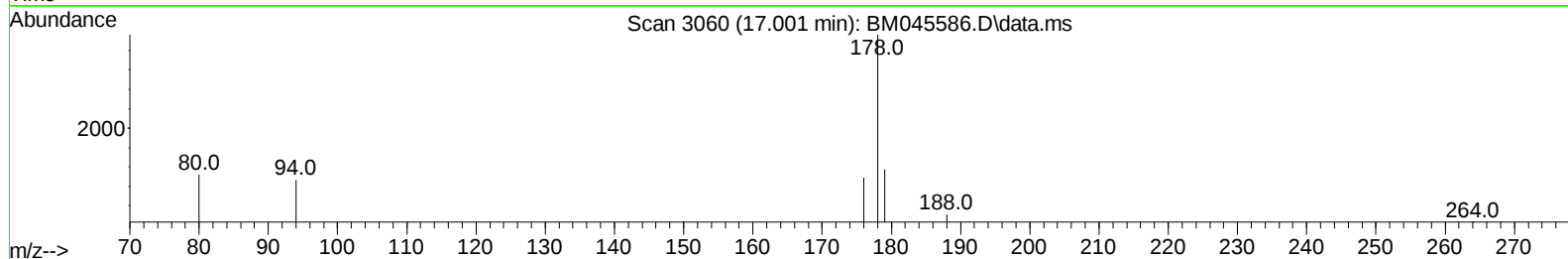
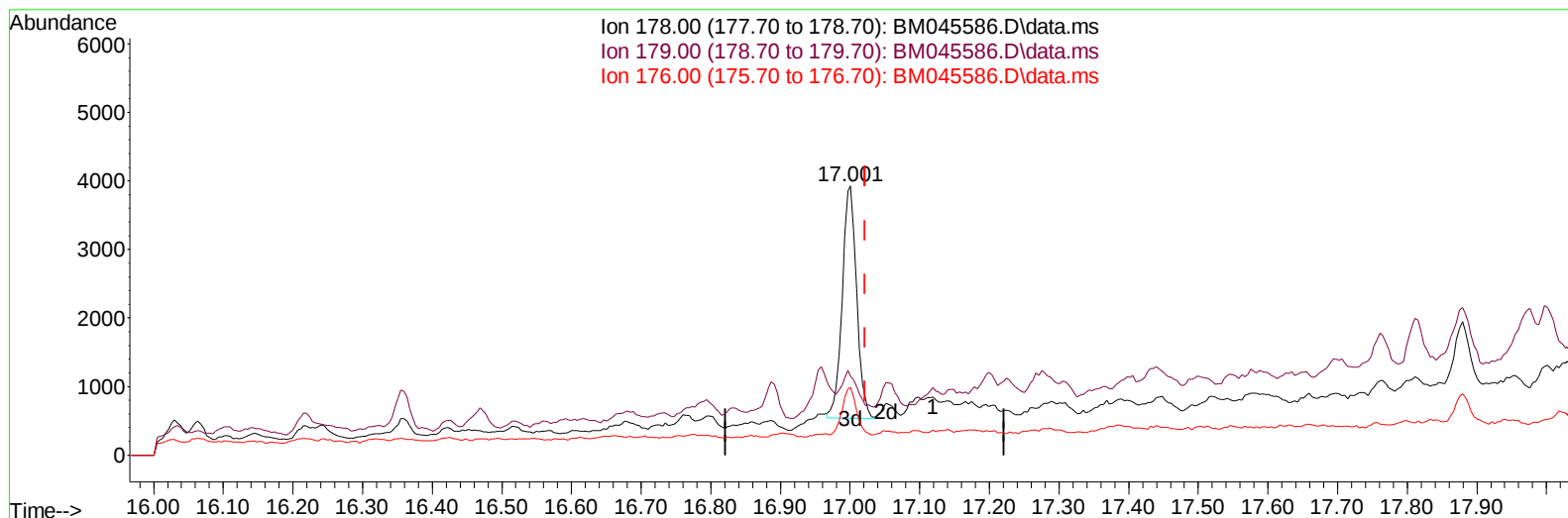
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TIC: BM045586.D\data.ms

(15) Phenanthrene

17.001min (-0.021) 0.52 ng/u1 m

response 4866

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	29.33#
176.00	23.70	25.15
0.00	0.00	0.00

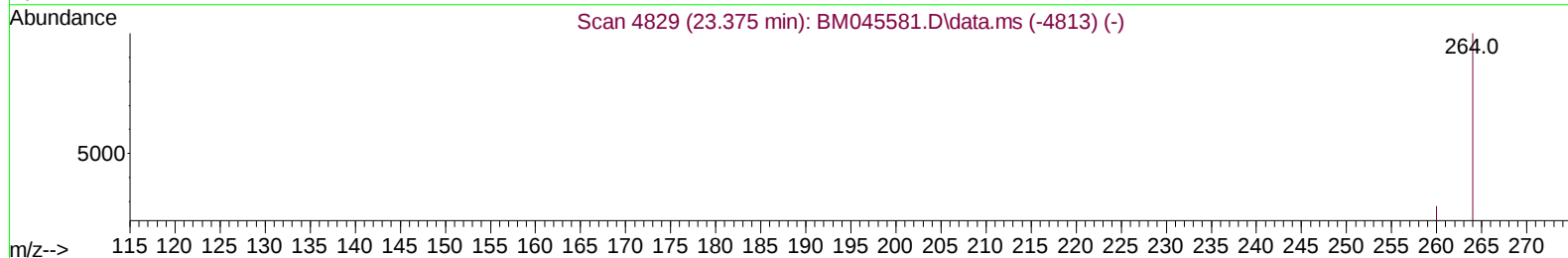
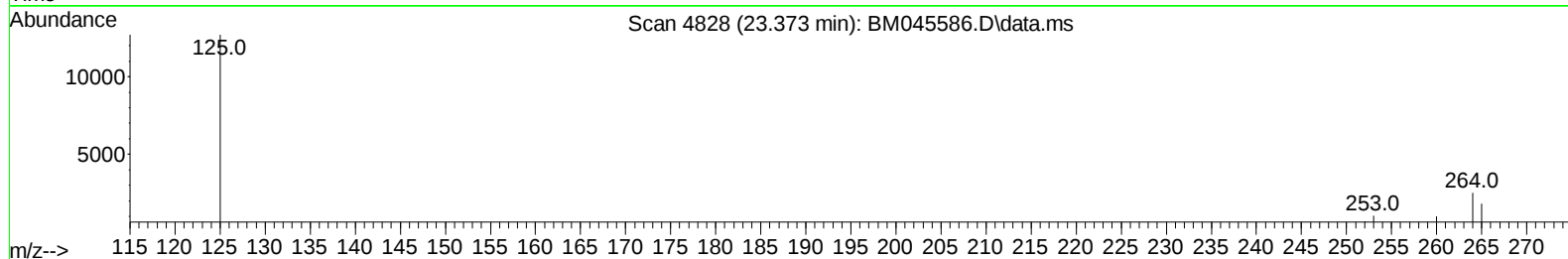
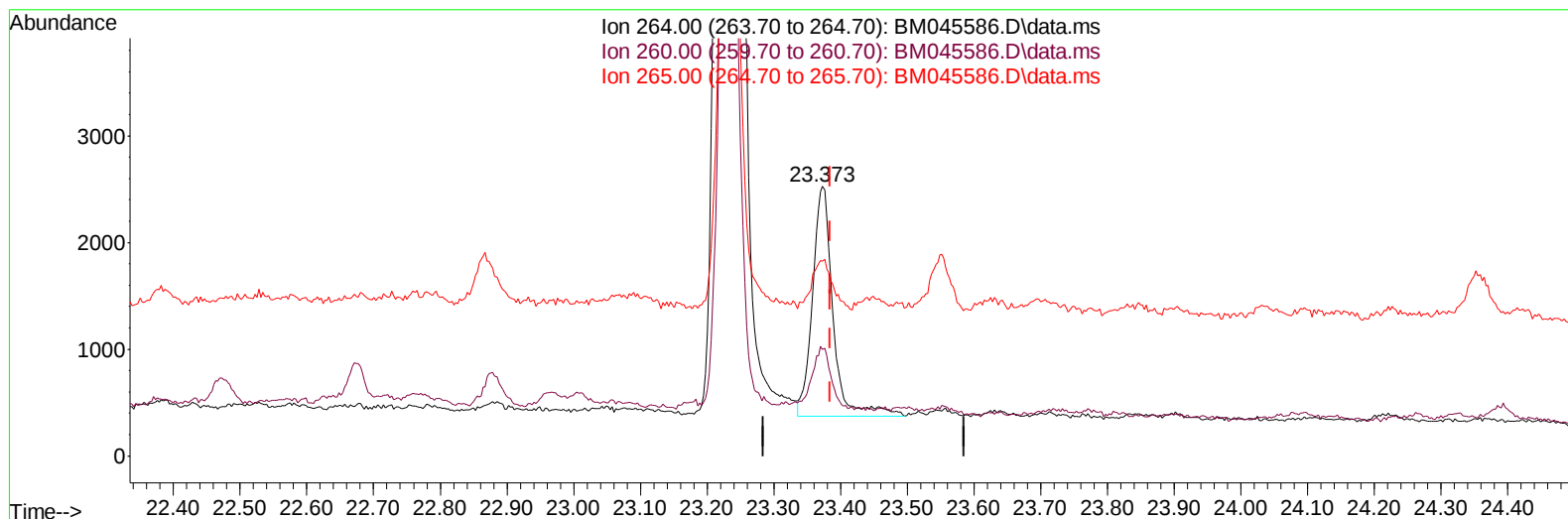
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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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TIC: BM045586.D\data.ms

(23) Perylene-d12 (I)

23.373min (-0.012) 0.40 ng/u1

response 4584

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	39.45#
265.00	86.70	72.16
0.00	0.00	0.00

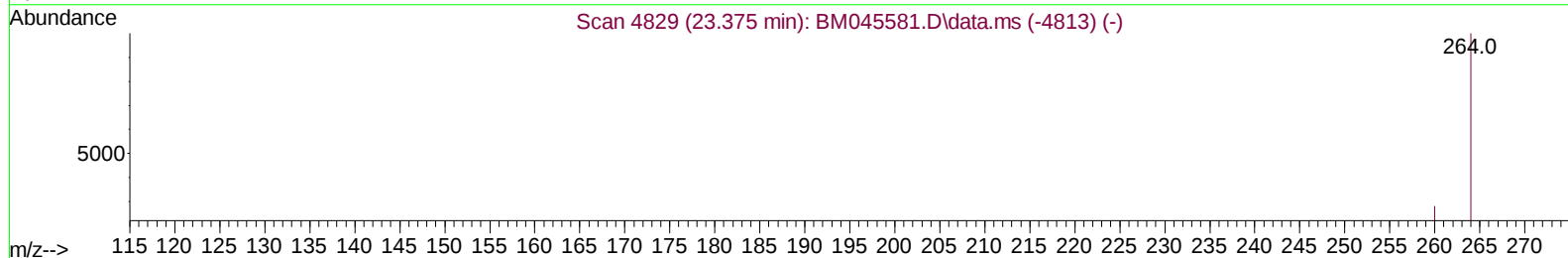
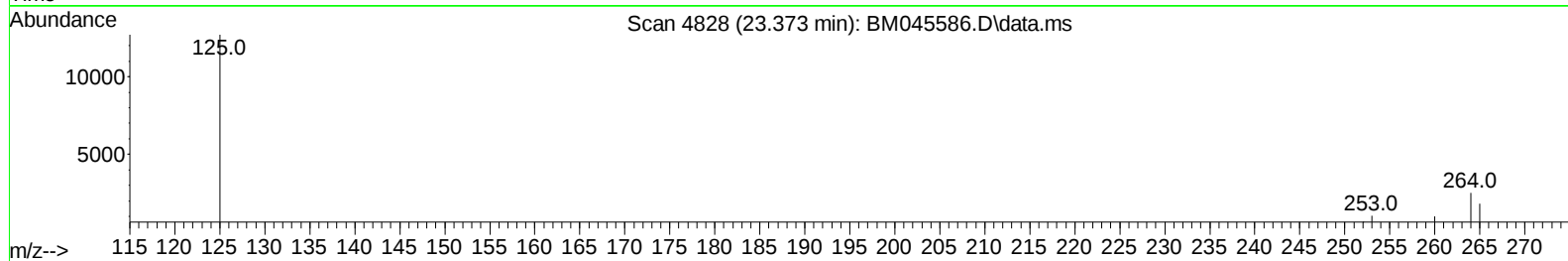
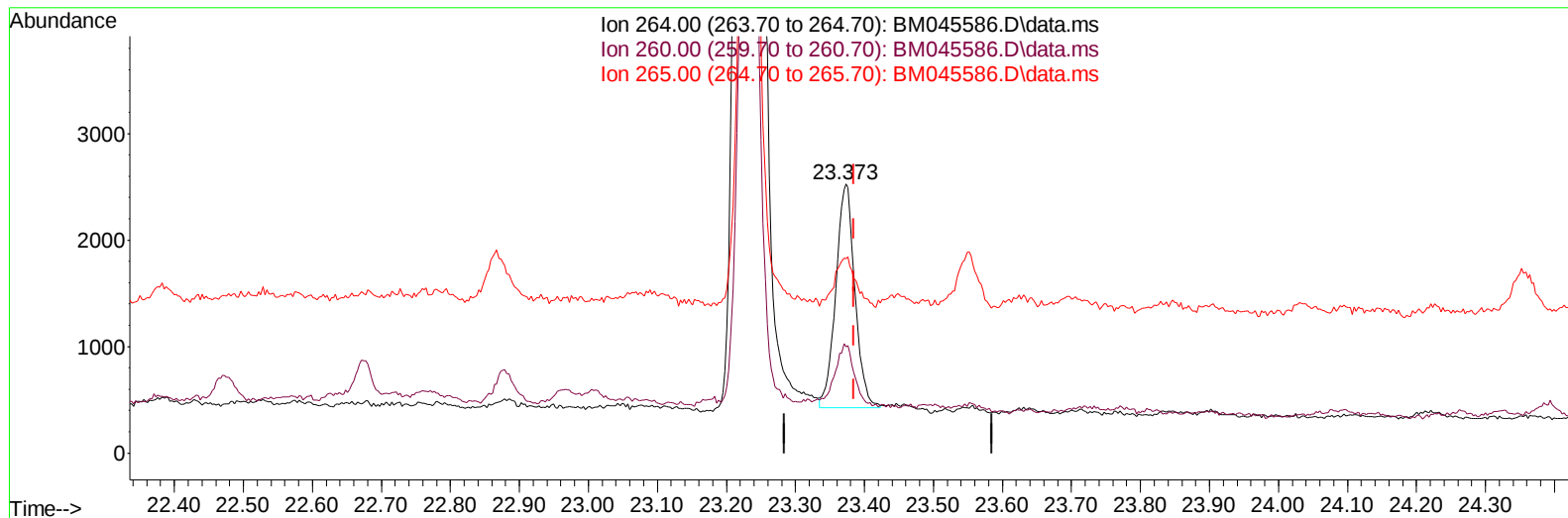
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM045586.D\data.ms

(23) Perylene-d12 (I)

23.373min (-0.012) 0.40 ng/ul m

response 4025

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	39.45#
265.00	86.70	72.16
0.00	0.00	0.00

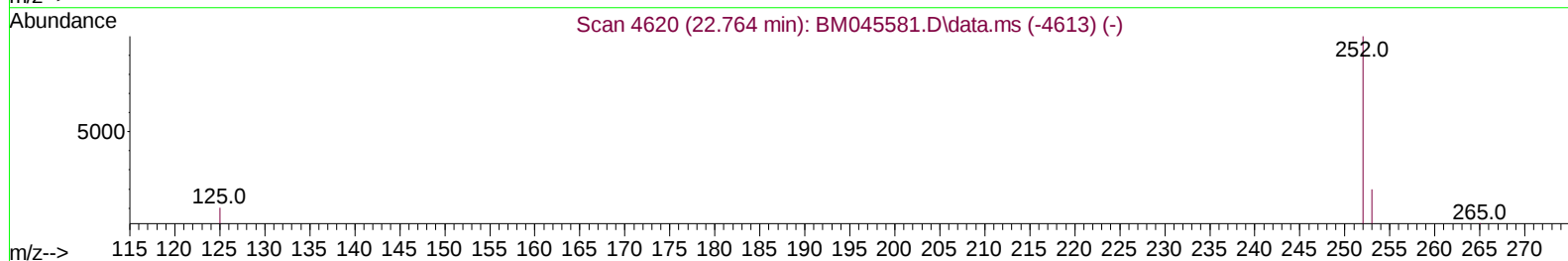
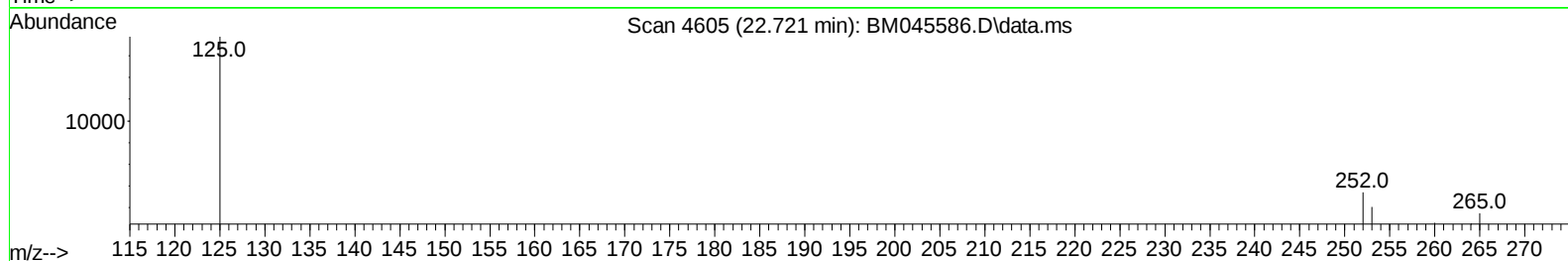
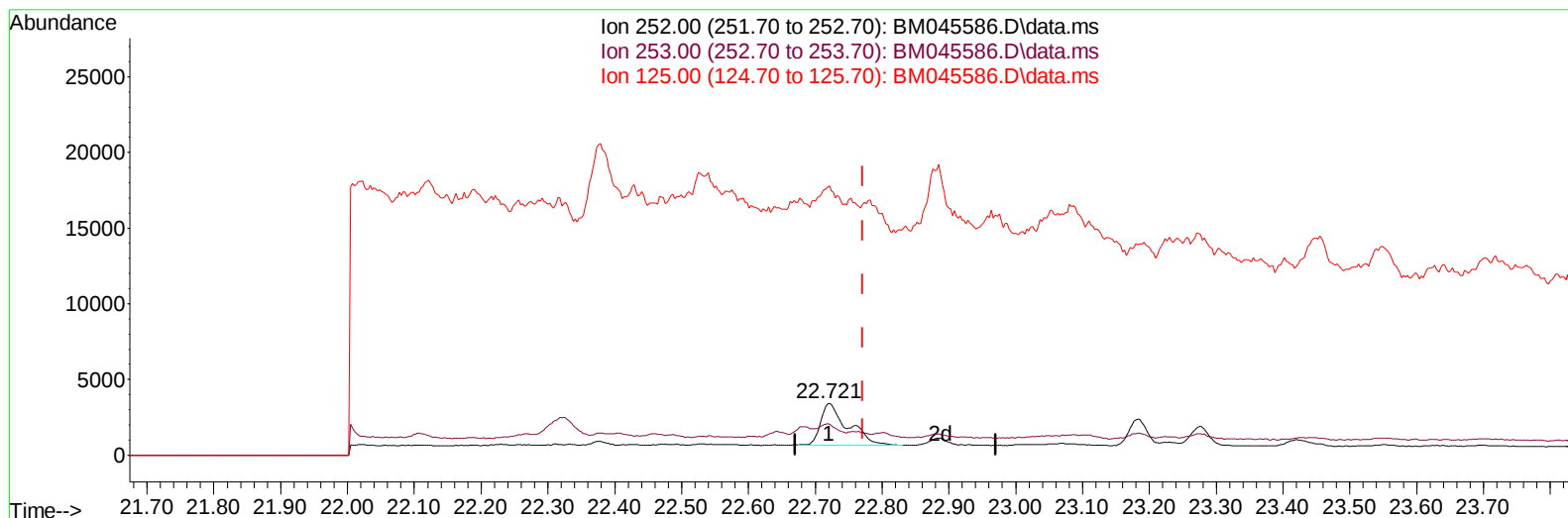
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TIC: BM045586.D\data.ms

(25) Benzo(k)fluoranthene

22.721min (-0.050) 0.46 ng/u1

response 7876

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	59.89#
125.00	18.50	518.55#
0.00	0.00	0.00

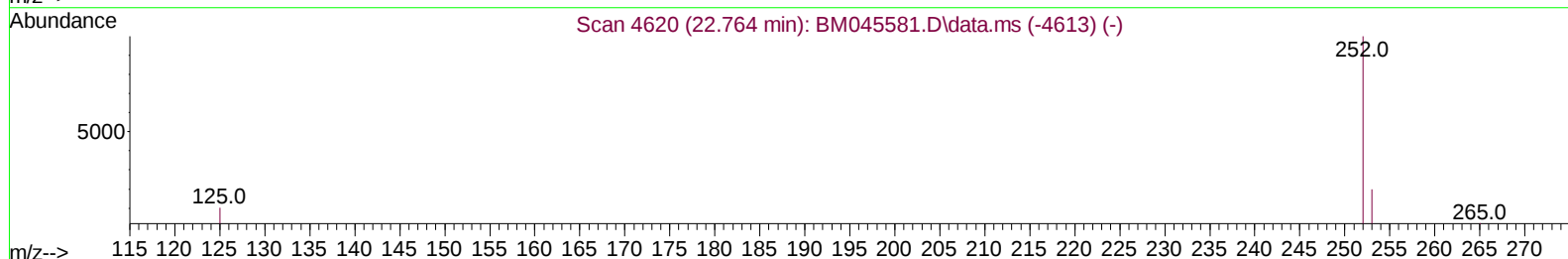
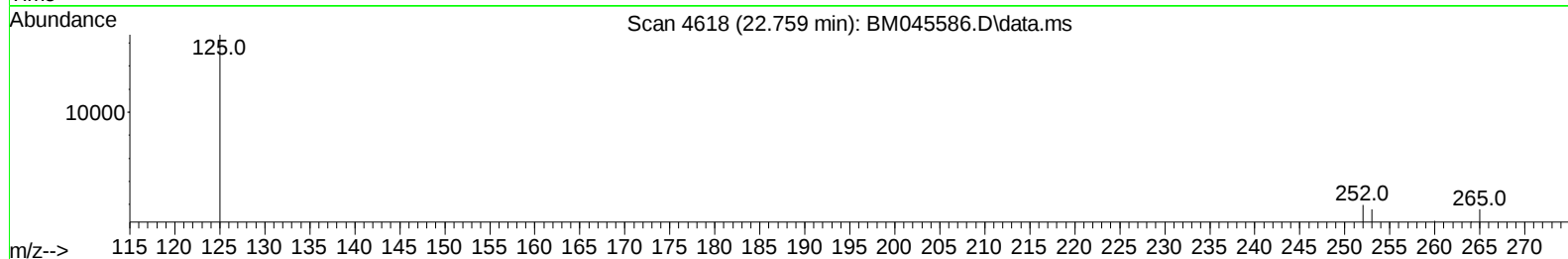
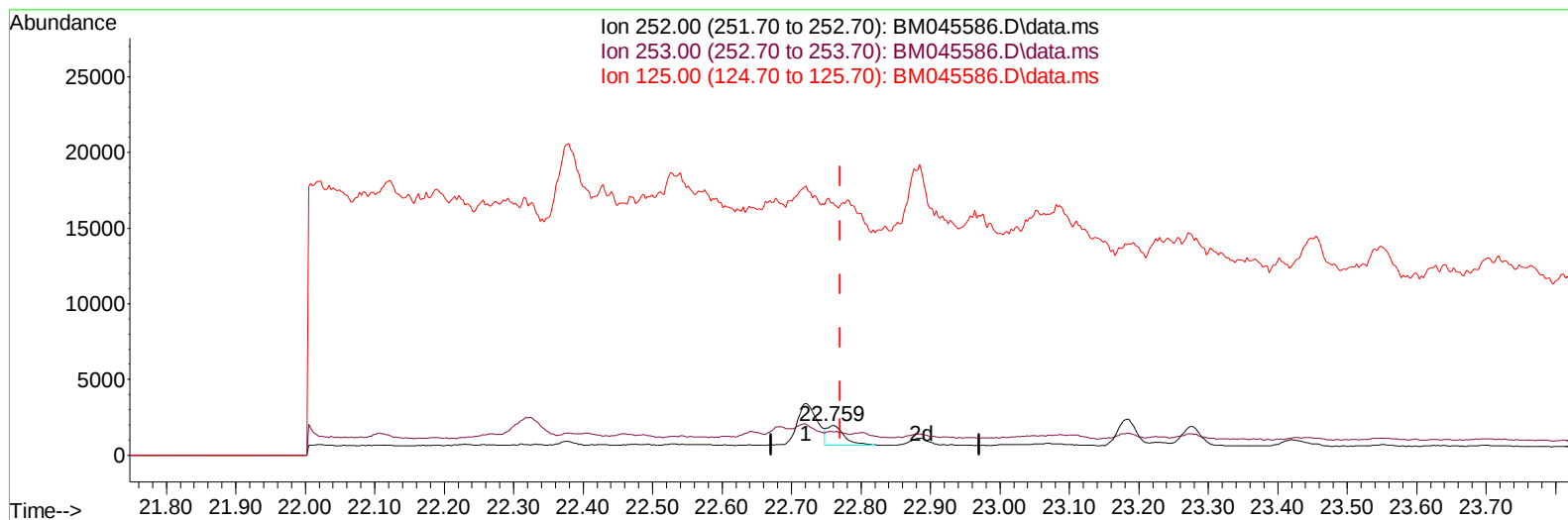
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Sample : P2037-23DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX8DL

Manual IntegrationsAPPROVED

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TIC: BM045586.D\data.ms

(25) Benzo(k)fluoranthene

22.759min (-0.012) 0.14 ng/u1 m

response 2335

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	79.65#
125.00	18.50	857.00#
0.00	0.00	0.00

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 Sample : P2037-23DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.547	152		1114	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136		3114	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164		1690	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.959	188		3216m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.181	240		2545	0.400	ng/ul	#-0.01
23) Perylene-d12	23.373	264		4025m	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.167	96		1126	0.754	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152		296	0.072	ng/ul	-0.02
18) Fluoranthene-d10	19.001	212		683	0.085	ng/ul	-0.02
Target Compounds							
						Qvalue	
5) Naphthalene	10.358	128		568	0.068	ng/ul#	70
7) 2-Methylnaphthalene	11.991	142		398	0.083	ng/ul	98
8) 1-Methylnaphthalene	12.211	142		454	0.085	ng/ul	99
10) Acenaphthylene	13.904	152		545	0.065	ng/ul#	1
15) Phenanthrene	17.001	178		4866m	0.520	ng/ul	
19) Fluoranthene	19.033	202		7014	0.597	ng/ul	99
20) Pyrene	19.396	202		8447	0.700	ng/ul#	93
21) Benzo(a)anthracene	21.164	228		2235	0.275	ng/ul#	49
22) Chrysene	21.216	228		4029	0.322	ng/ul#	59
24) Benzo(b)fluoranthene	22.721	252		5864	0.433	ng/ul#	1
25) Benzo(k)fluoranthene	22.759	252		2335m	0.136	ng/ul	
26) Benzo(a)pyrene	23.277	252		2422	0.172	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.561	276		2643	0.129	ng/ul#	51
29) Benzo(g,h,i)perylene	26.235	276		2607	0.142	ng/ul#	1

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

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