

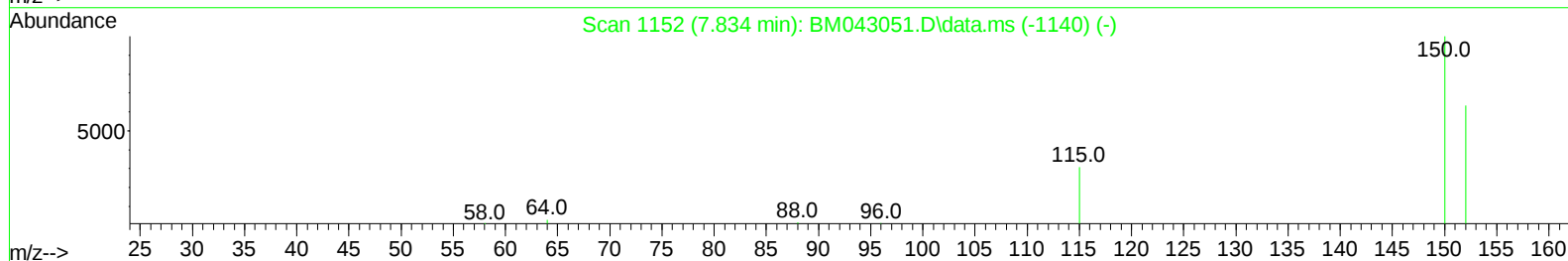
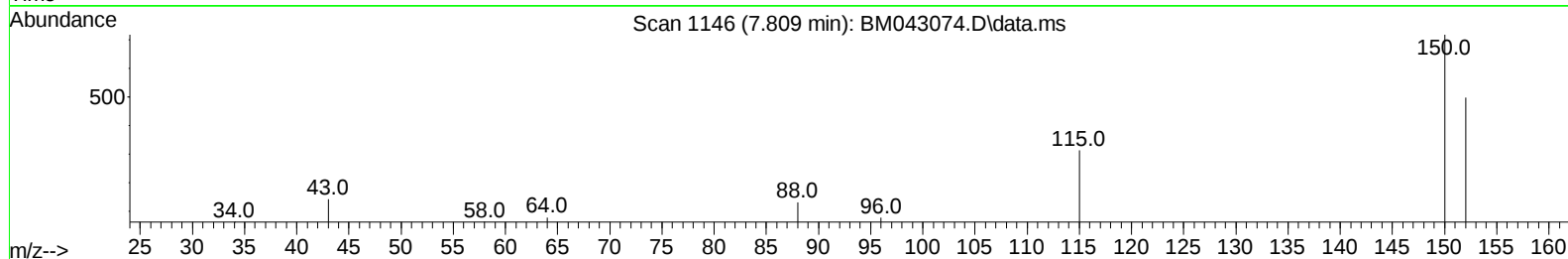
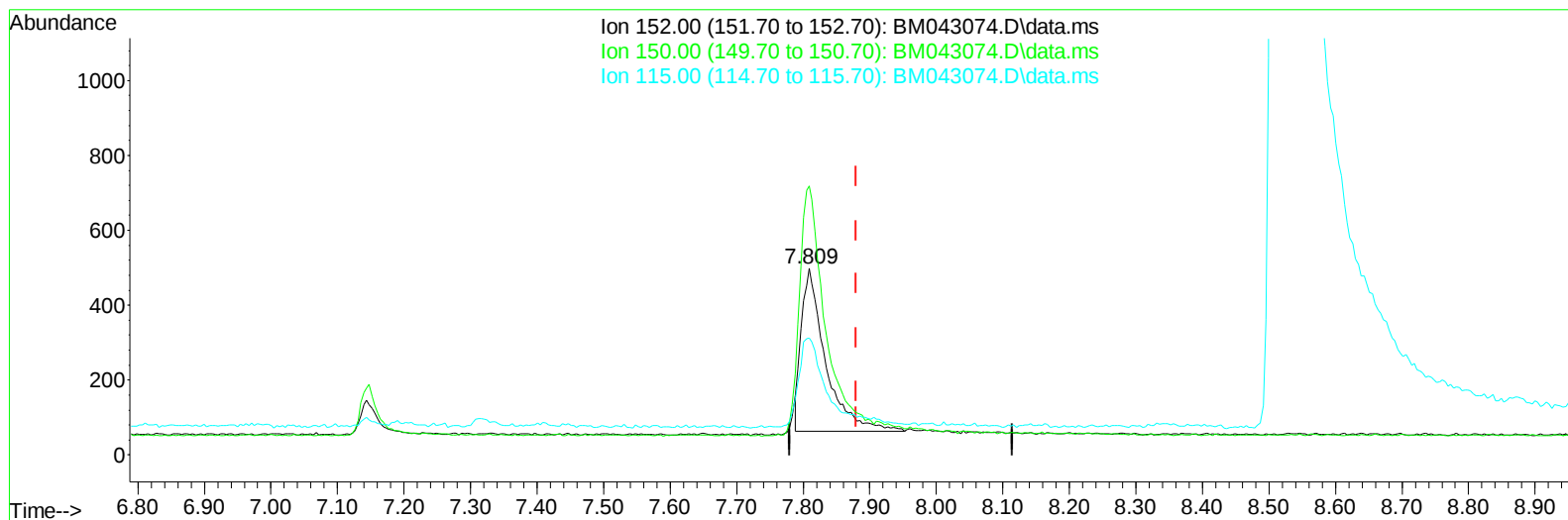
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
 Data File : BM043074.D
 Acq On : 28 Nov 2023 16:32
 Operator : MA/JU
 Sample : 05416-23
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH6

Manual IntegrationsAPPROVED

Quant Time: Nov 28 17:07:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023



TIC: BM043074.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.809min (-0.071) 0.40 ng/u1

response 1095

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	144.18
115.00	89.60	62.85#
0.00	0.00	0.00

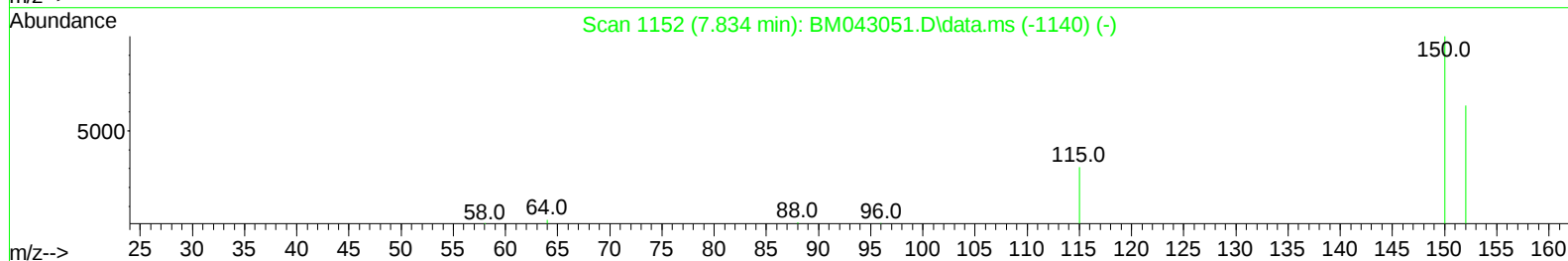
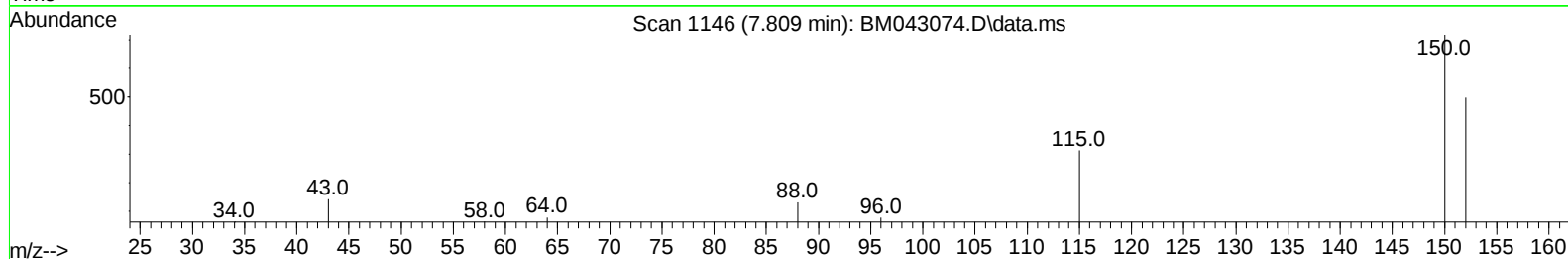
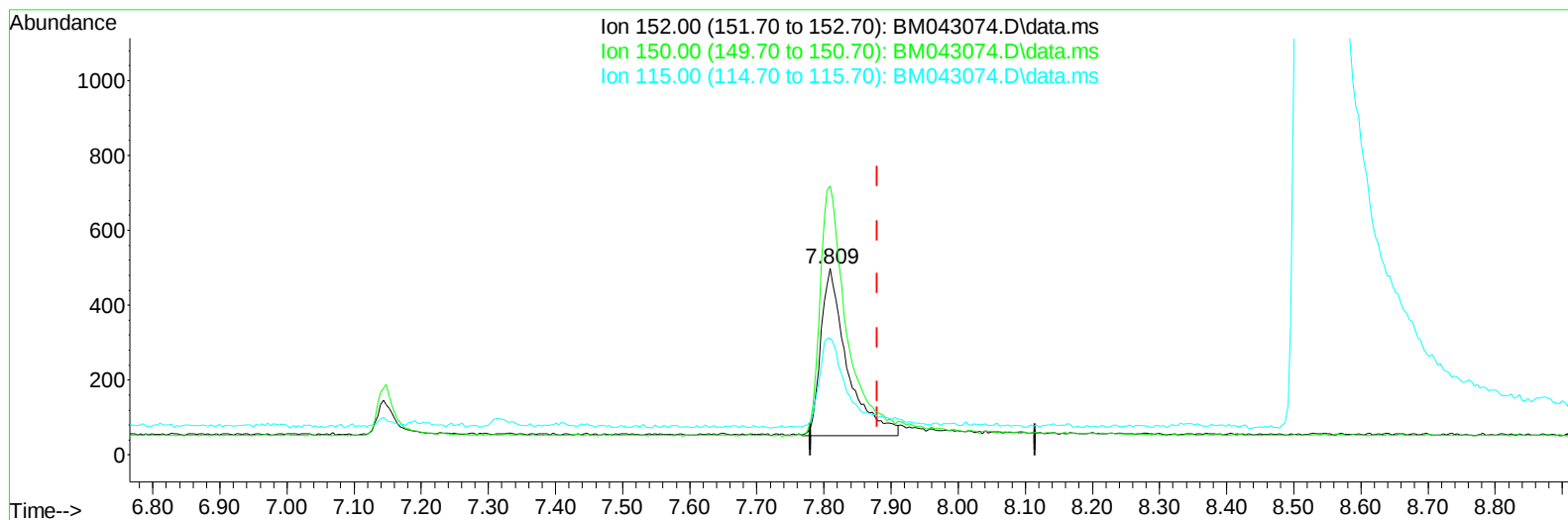
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TIC: BM043074.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.809min (-0.071) 0.40 ng/ul m

response 1209

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	144.18
115.00	89.60	62.85#
0.00	0.00	0.00

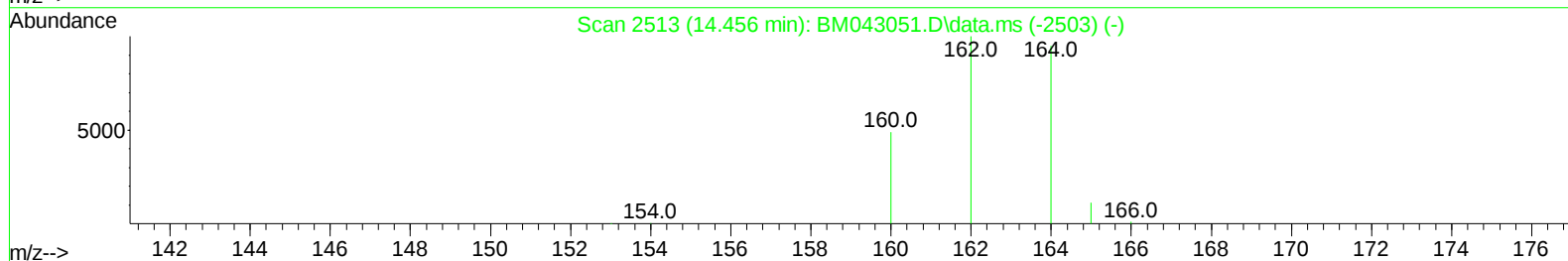
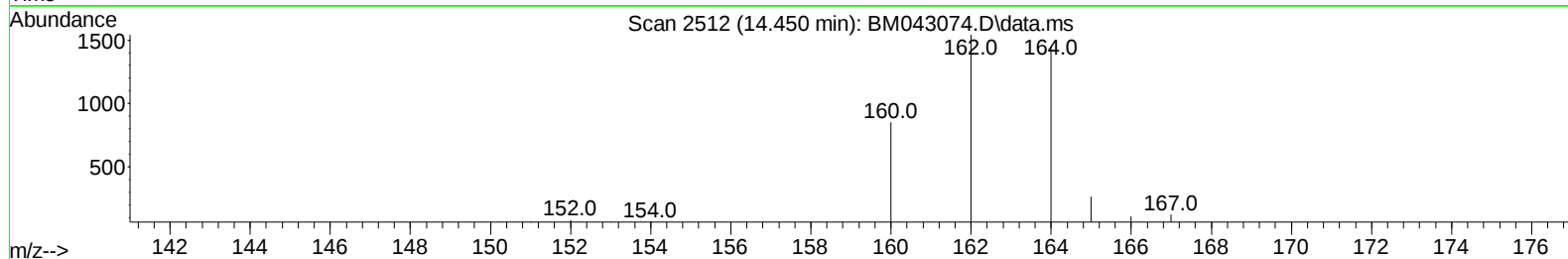
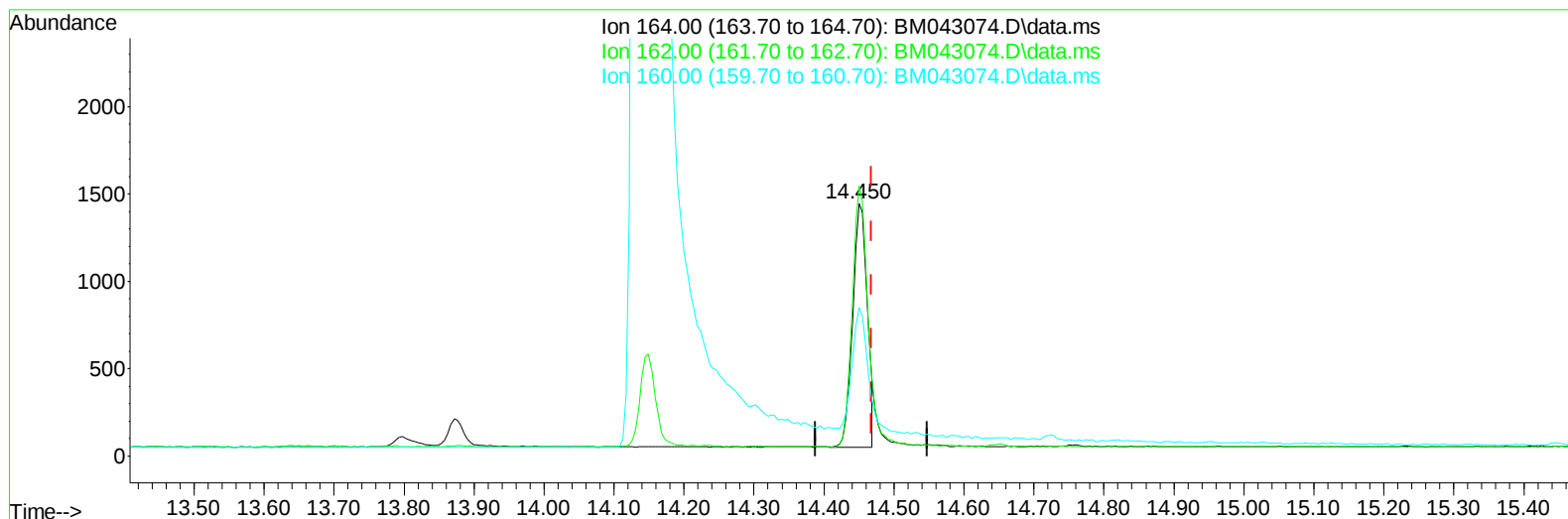
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TIC: BM043074.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.018) 0.40 ng/u1

response 2025

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.56
160.00	57.20	58.70
0.00	0.00	0.00

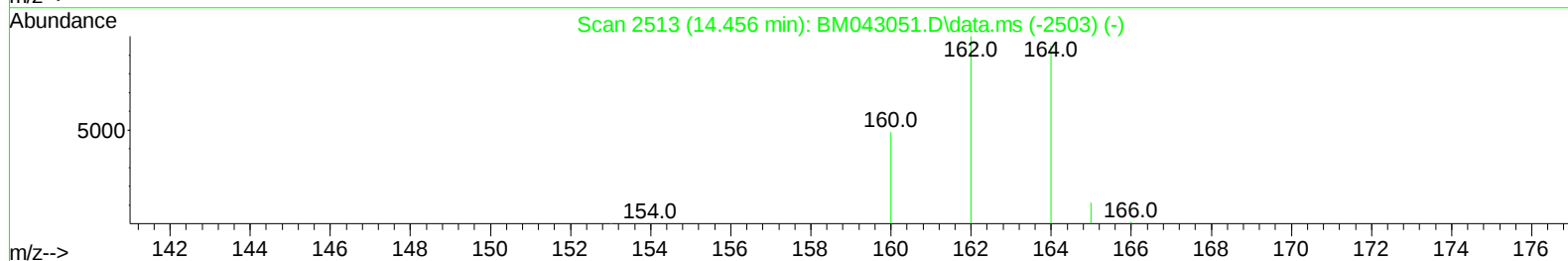
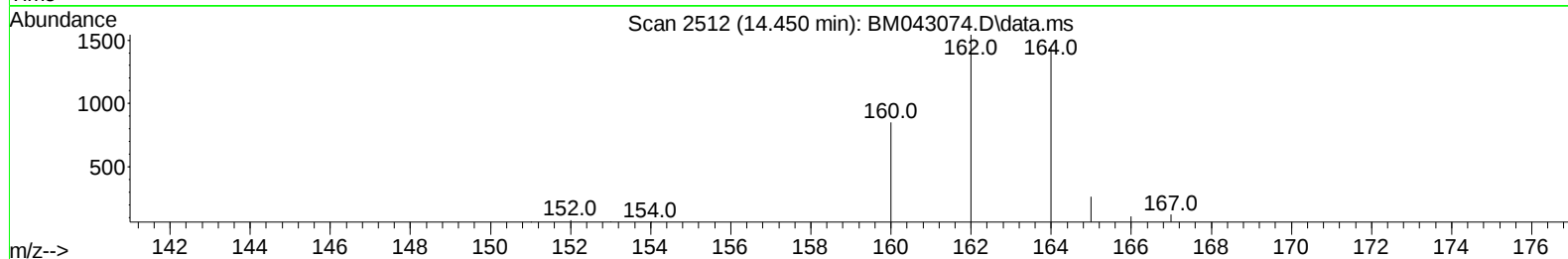
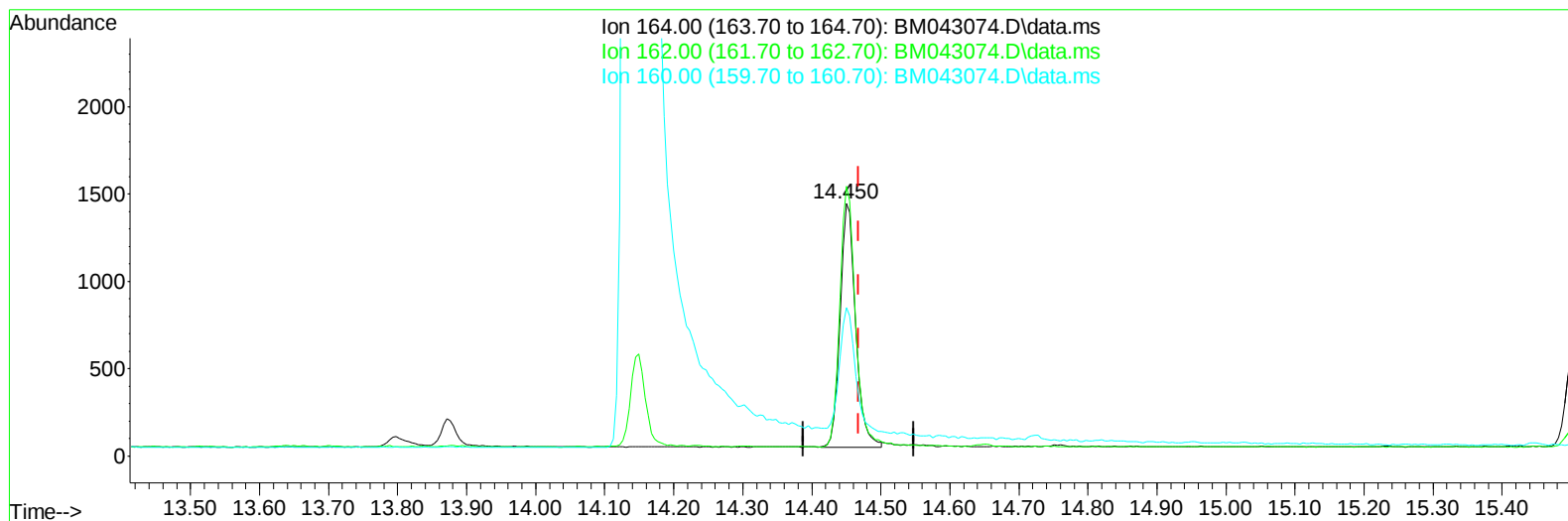
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Data File : BM043074.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043074.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.018) 0.40 ng/ul m

response 2187

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.56
160.00	57.20	58.70
0.00	0.00	0.00

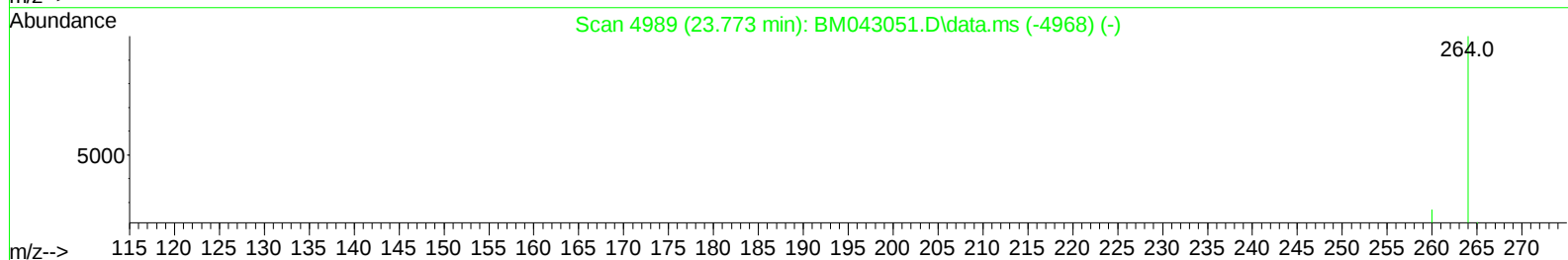
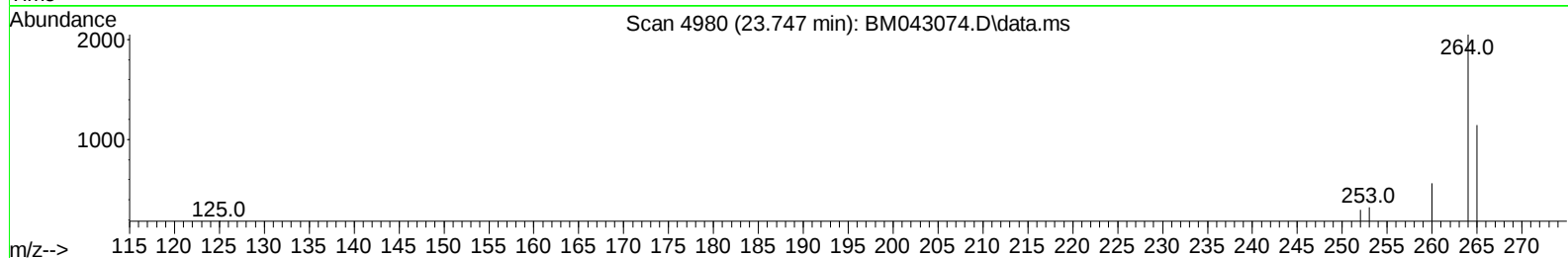
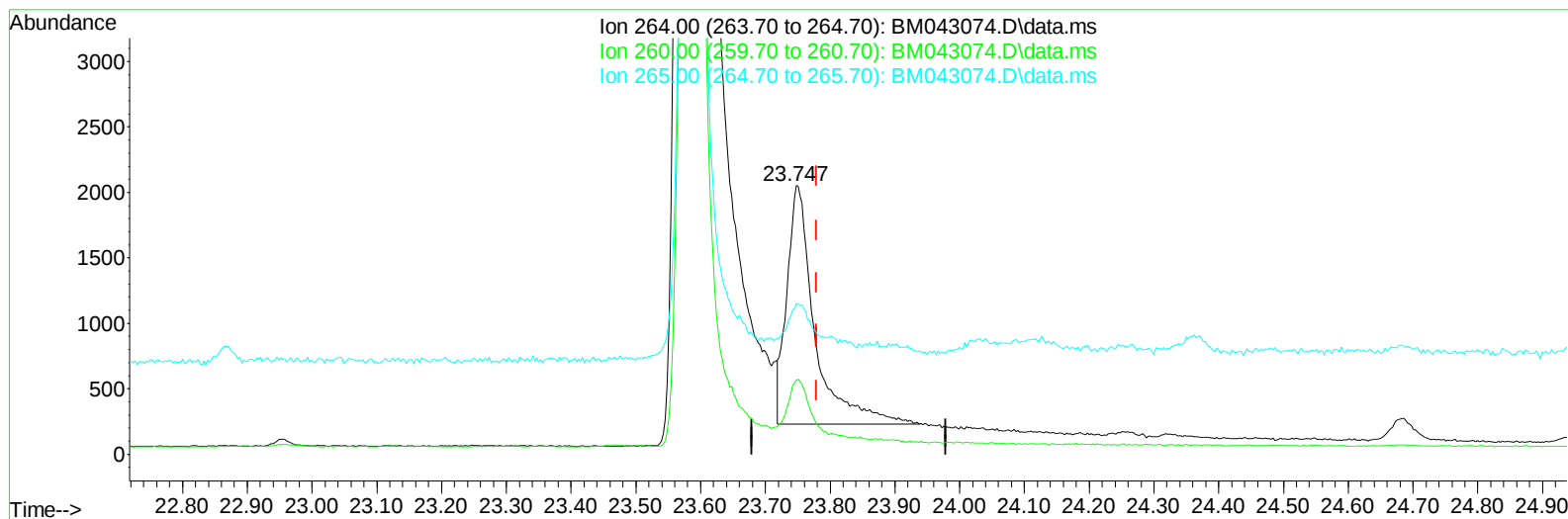
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH6

Manual IntegrationsAPPROVED

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TIC: BM043074.D\data.ms

(23) Perylene-d12 (I)

23.747min (-0.032) 0.40 ng/u1

response 5446

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.45
265.00	120.30	55.97#
0.00	0.00	0.00

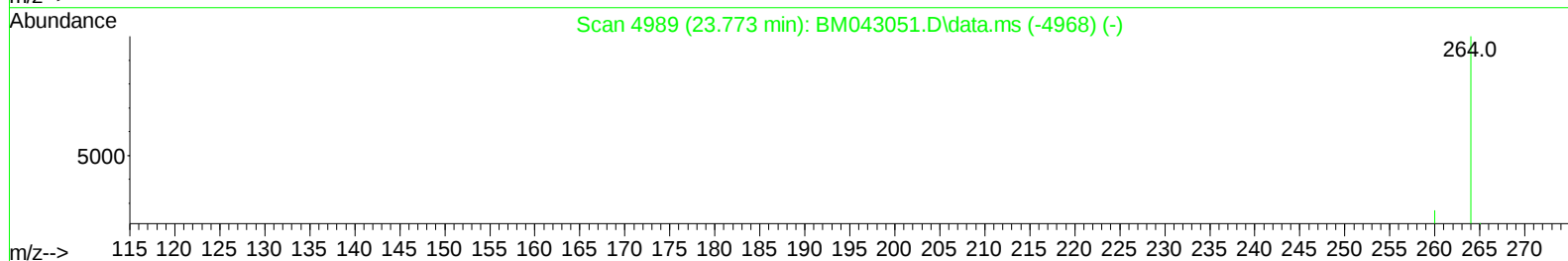
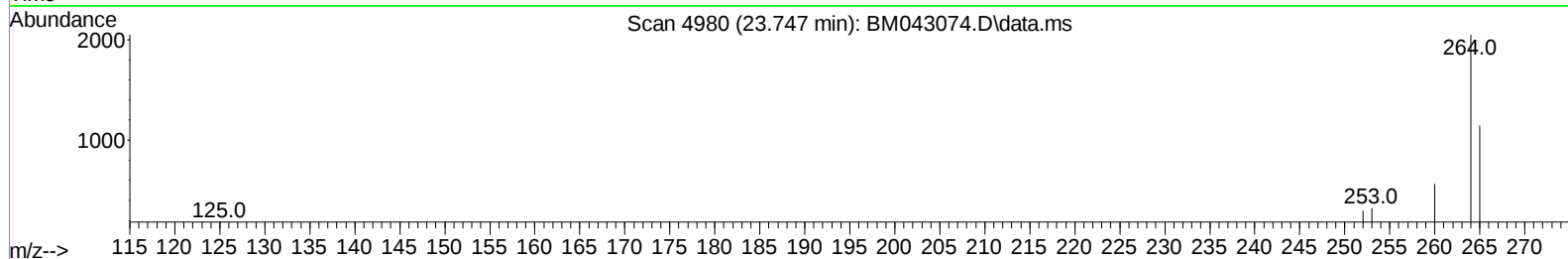
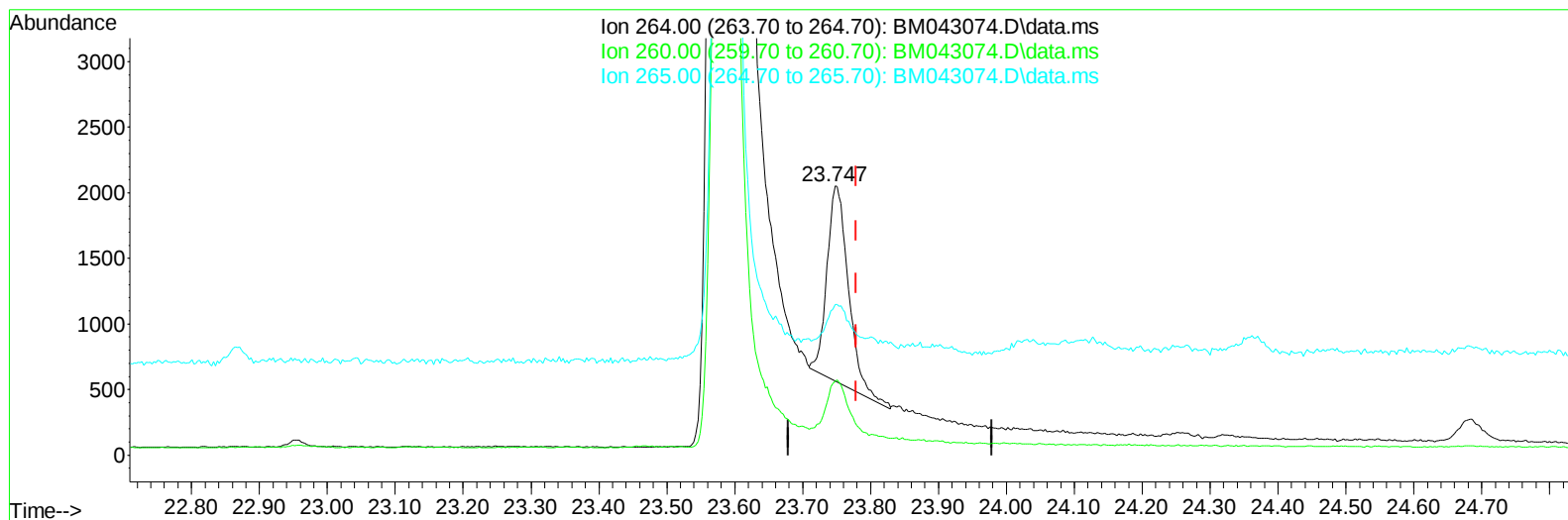
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043074.D\data.ms

(23) Perylene-d12 (I)

23.747min (-0.032) 0.40 ng/ul m

response 3266

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.45
265.00	120.30	55.97#
0.00	0.00	0.00

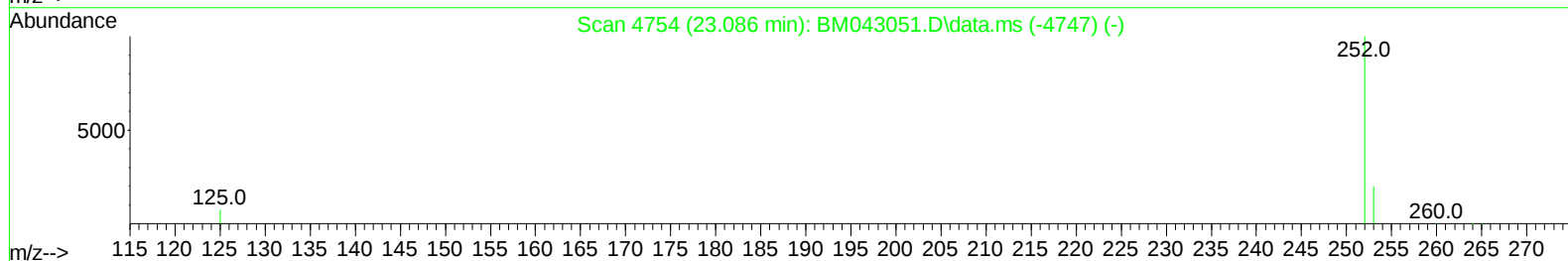
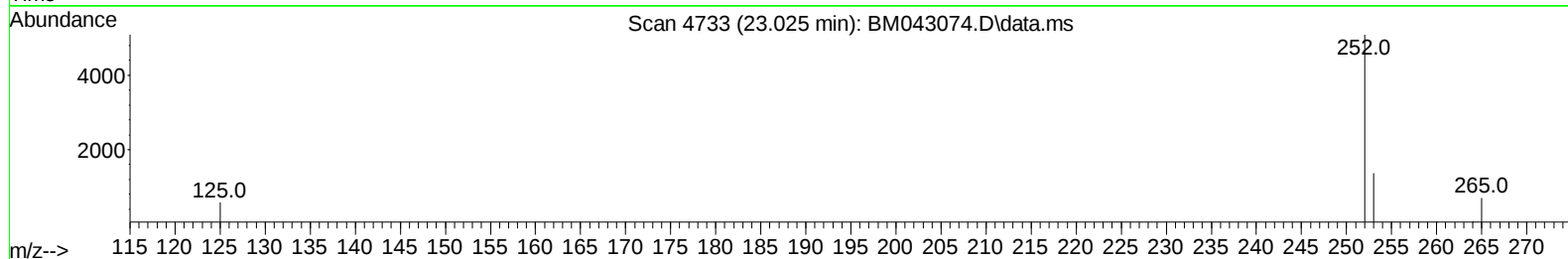
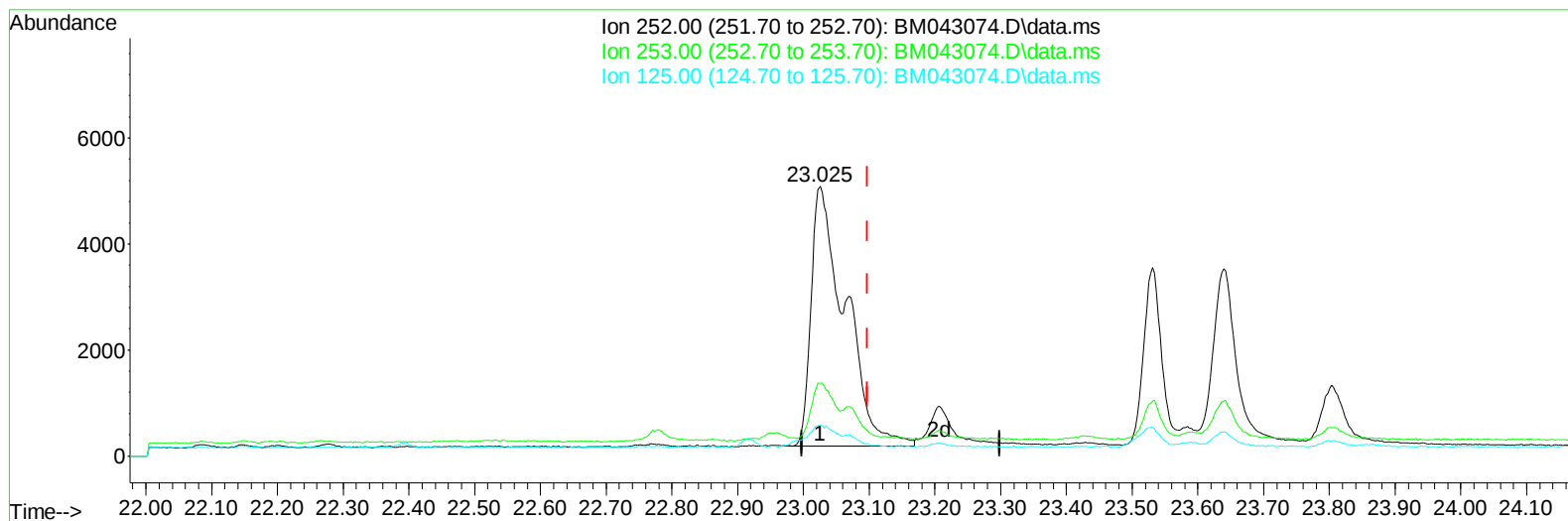
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TIC: BM043074.D\data.ms

(25) Benzo(k)fluoranthene

23.025min (-0.073) 1.16 ng/u1

response 17547

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	26.98#
125.00	13.80	11.54
0.00	0.00	0.00

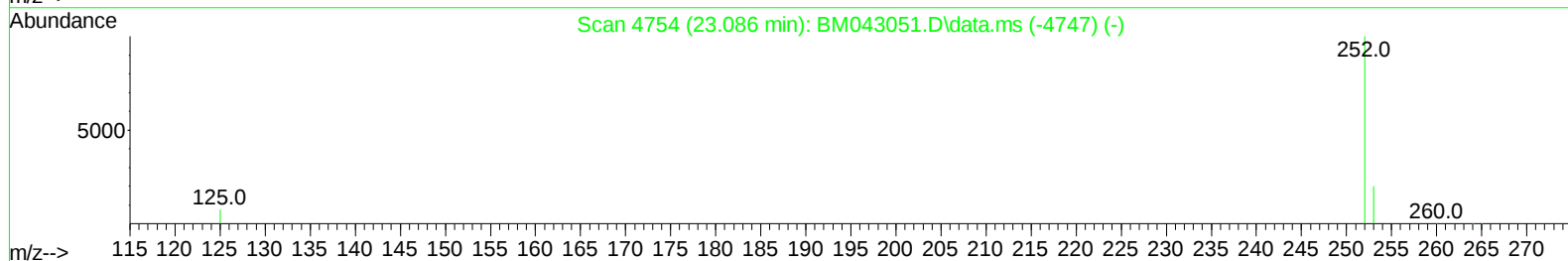
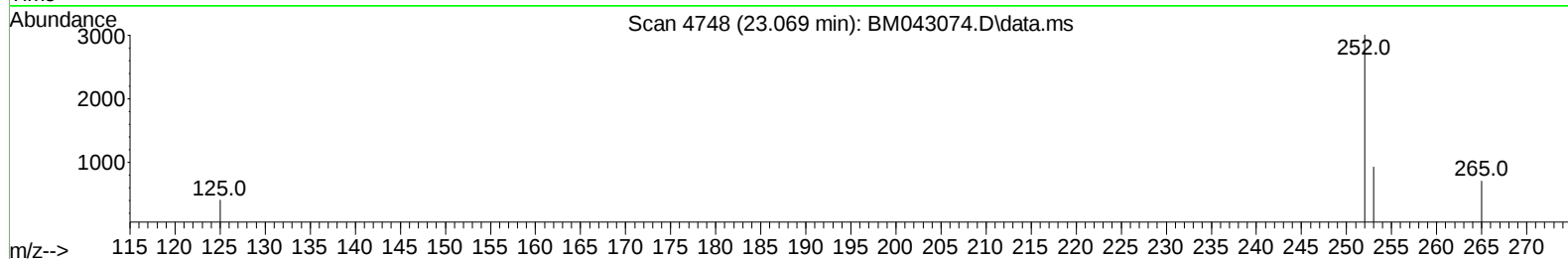
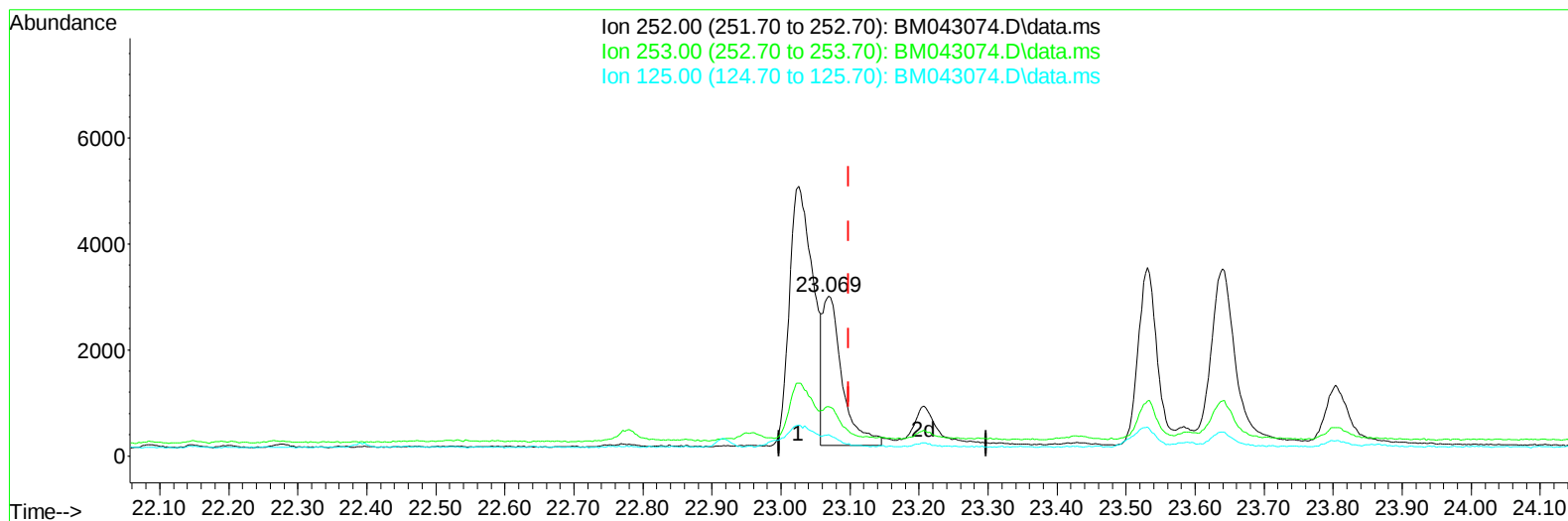
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 Operator : MA/JU
 Sample : 05416-23
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH6

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/29/2023



TIC: BM043074.D\data.ms

(25) Benzo(k)fluoranthene

23.069min (-0.029) 0.36 ng/u1 m

response 5525

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	30.76
125.00	13.80	13.50
0.00	0.00	0.00

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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	1209m	0.40	ng/ul	-0.07
4) Naphthalene-d8	10.605	136	4446	0.40	ng/ul	#-0.04
9) Acenaphthene-d10	14.450	164	2187m	0.40	ng/ul	-0.02
13) Phenanthrene-d10	17.208	188	4650	0.40	ng/ul	#-0.03
17) Chrysene-d12	21.400	240	3436	0.40	ng/ul	#-0.02
23) Perylene-d12	23.747	264	3266m	0.40	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	2520	1.36	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	782	0.13	ng/ul	-0.03
18) Fluoranthene-d10	19.238	212	1935	0.15	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.655	128	704	0.06	ng/ul#	90
7) 2-Methylnaphthalene	12.288	142	659	0.09	ng/ul	98
8) 1-Methylnaphthalene	12.503	142	451	0.06	ng/ul	94
10) Acenaphthylene	14.177	152	616	0.06	ng/ul#	79
11) Acenaphthene	14.515	153	7010	0.83	ng/ul	95
12) Fluorene	15.505	166	7491	0.86	ng/ul	98
15) Phenanthrene	17.250	178	13580	1.02	ng/ul	92
16) Anthracene	17.343	178	2943	0.23	ng/ul	94
19) Fluoranthene	19.266	202	30412	1.56	ng/ul#	93
20) Pyrene	19.633	202	26888	1.30	ng/ul#	92
21) Benzo(a)anthracene	21.386	228	10236	0.92	ng/ul	95
22) Chrysene	21.438	228	9853	0.47	ng/ul	98
24) Benzo(b)fluoranthene	23.025	252	11812	1.07	ng/ul	87
25) Benzo(k)fluoranthene	23.069	252	5525m	0.36	ng/ul	
26) Benzo(a)pyrene	23.639	252	7820	0.65	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.202	276	5821	0.36	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.205	278	1179	0.09	ng/ul#	82
29) Benzo(g,h,i)perylene	26.967	276	5429	0.34	ng/ul	97

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

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