

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045698.D
 Acq On : 03 May 2024 16:28
 Operator : MA/JU
 Sample : P2238-11MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX6MSD

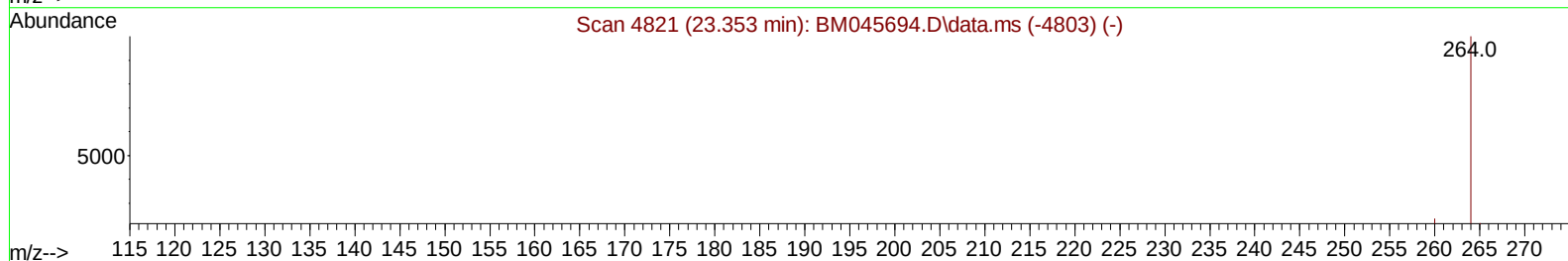
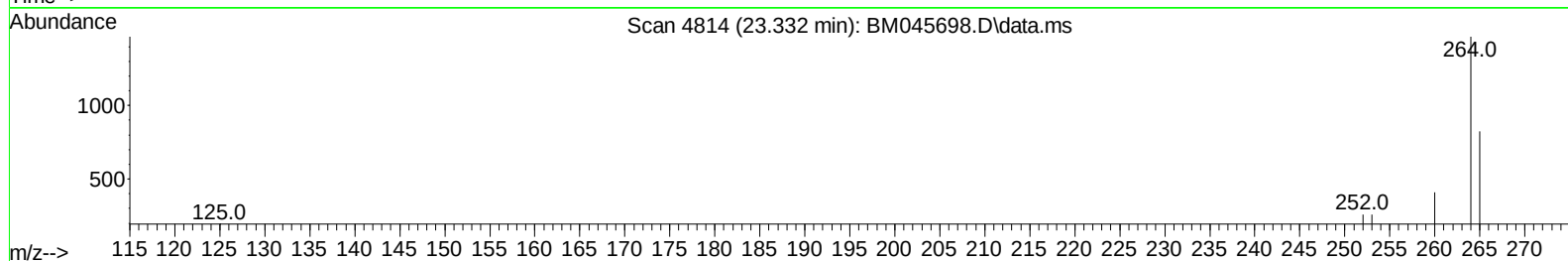
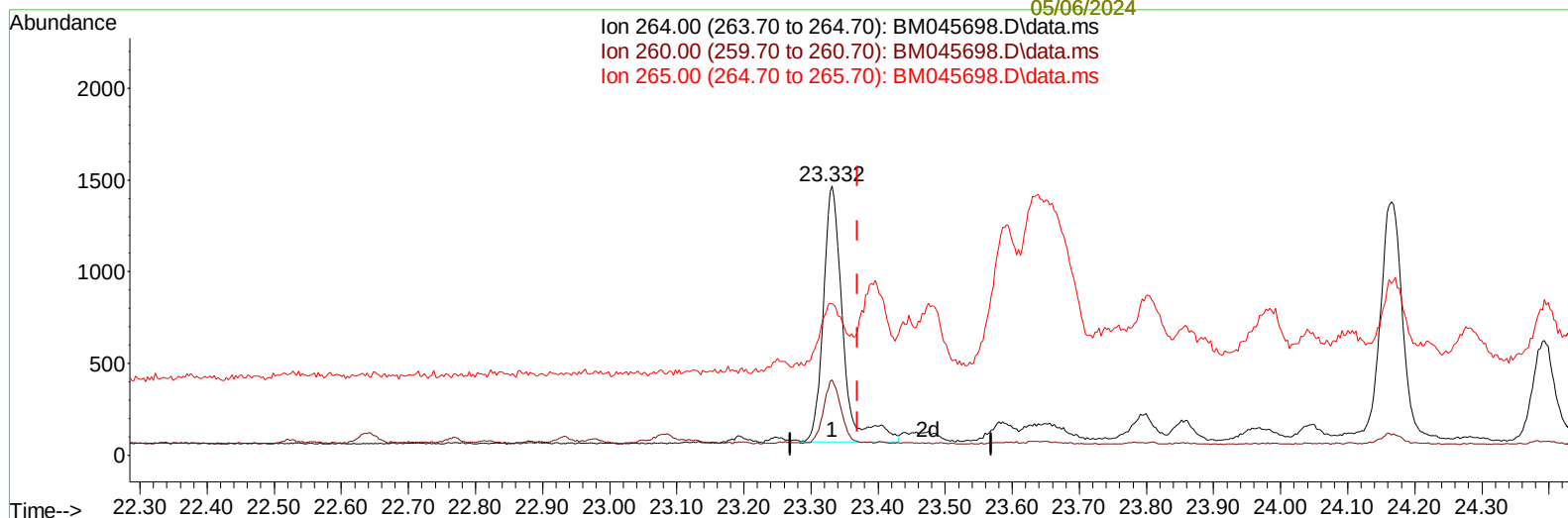
Manual IntegrationsAPPROVED

Quant Time: May 03 16:59:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 03 03:27:04 2024
 Response via : Initial Calibration

Reviewed By :Jagrut
 Upadhyay
 05/03/2024

Supervised By :mohammad
 ahmed
 05/06/2024

Ion 264.00 (263.70 to 264.70): BM045698.D\data.ms
 Ion 260.00 (259.70 to 260.70): BM045698.D\data.ms
 Ion 265.00 (264.70 to 265.70): BM045698.D\data.ms



TIC: BM045698.D\data.ms

(23) Perylene-d12 (I)

23.332min (-0.038) 0.40 ng/ul

response 2843

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	29.70	27.88
265.00	66.50	56.24
0.00	0.00	0.00

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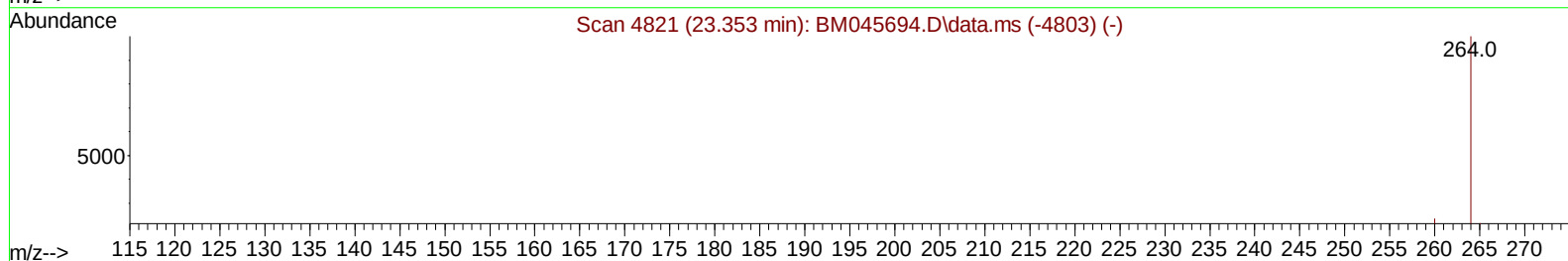
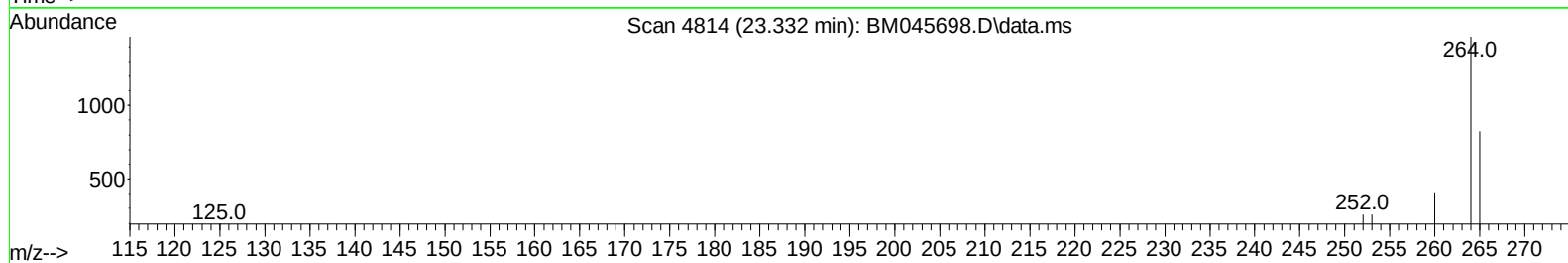
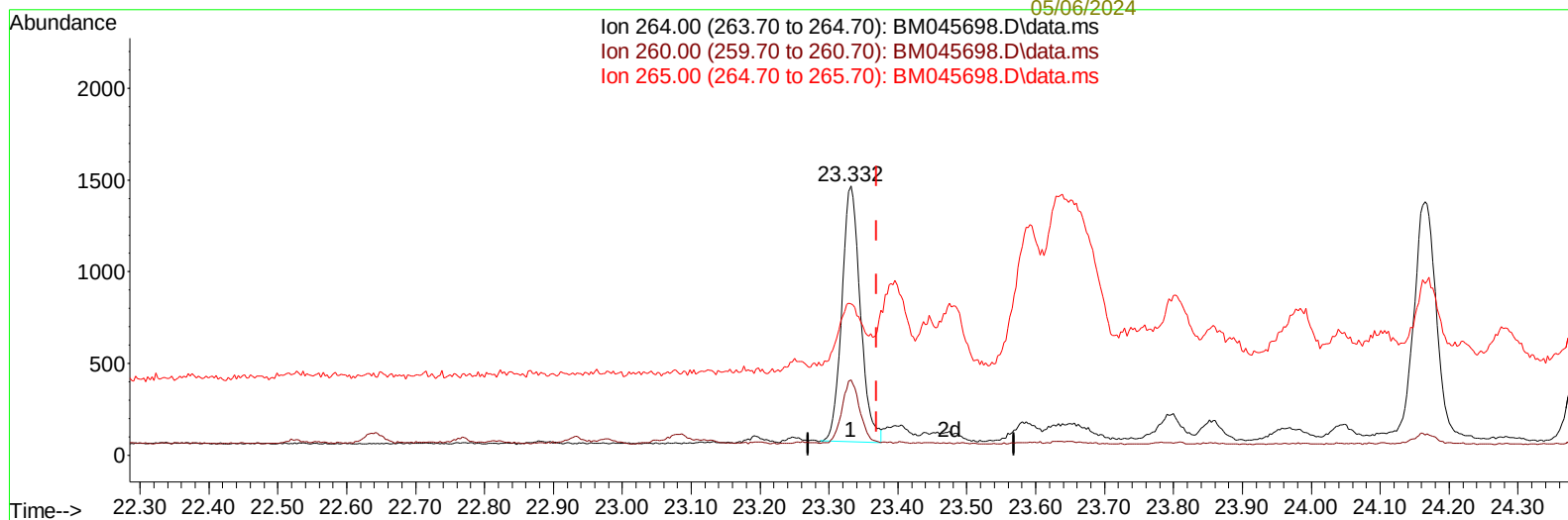
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TIC: BM045698.D\data.ms

(23) Perylene-d12 (I)

23.332min (-0.038) 0.40 ng/ul m

response 2606

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	29.70	27.88
265.00	66.50	56.24
0.00	0.00	0.00

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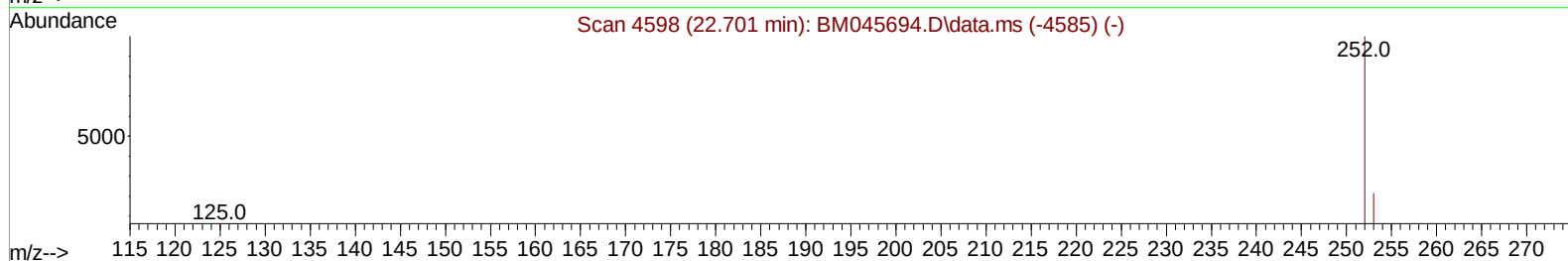
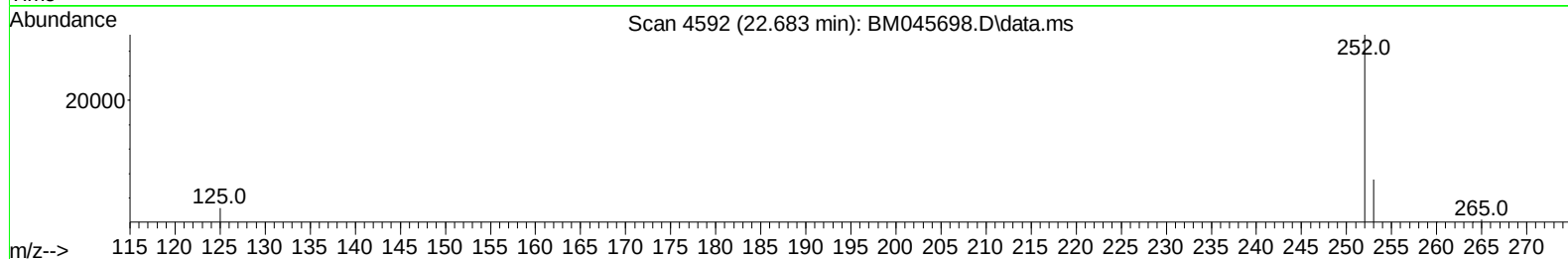
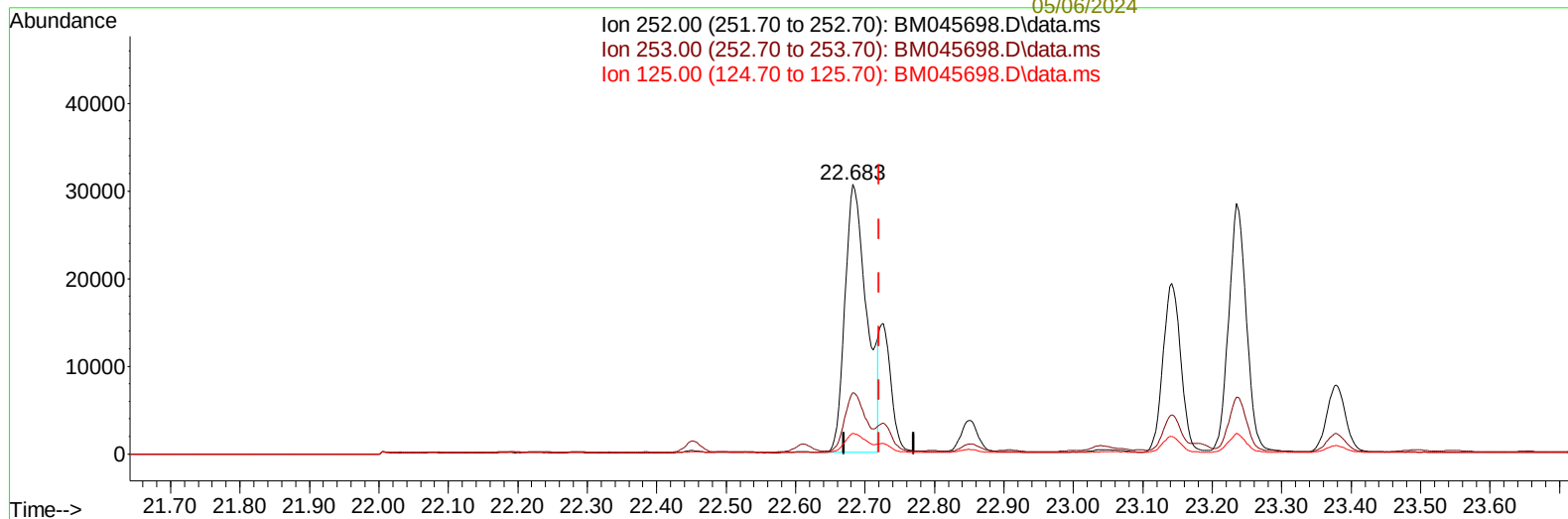
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(24) Benzo(b)fluoranthene

22.683min (-0.038) 9.15 ng/u1

response 66406

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	33.60	22.83
125.00	14.00	7.60
0.00	0.00	0.00

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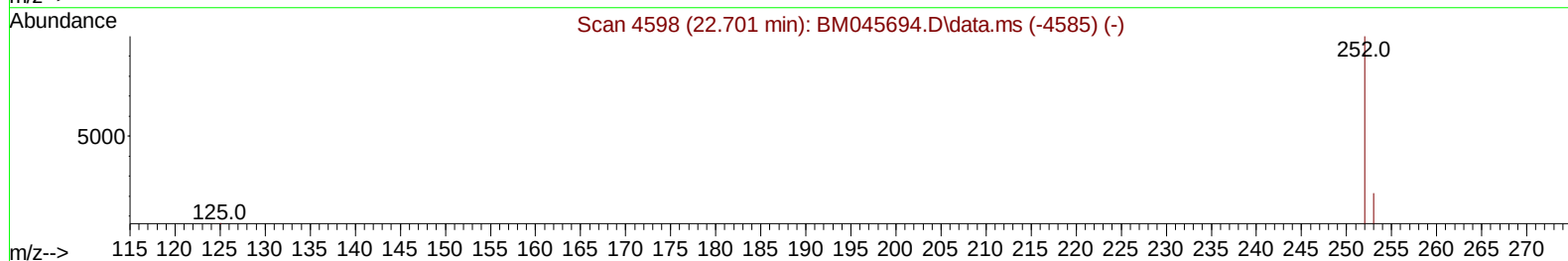
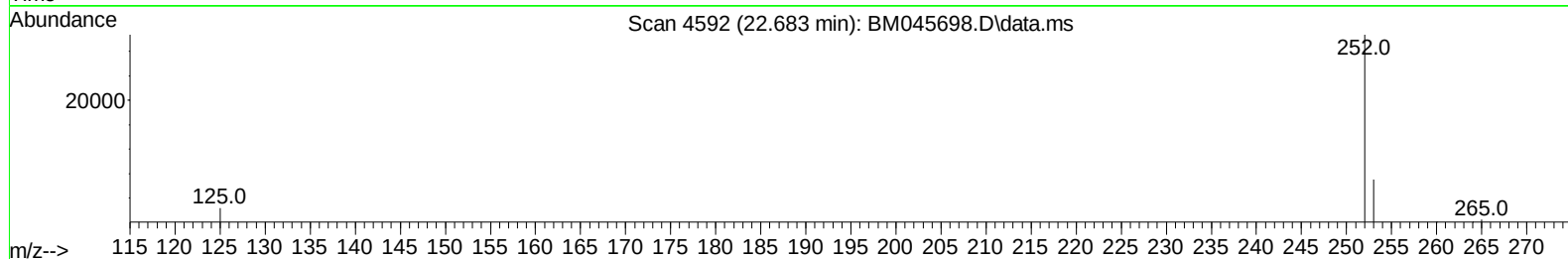
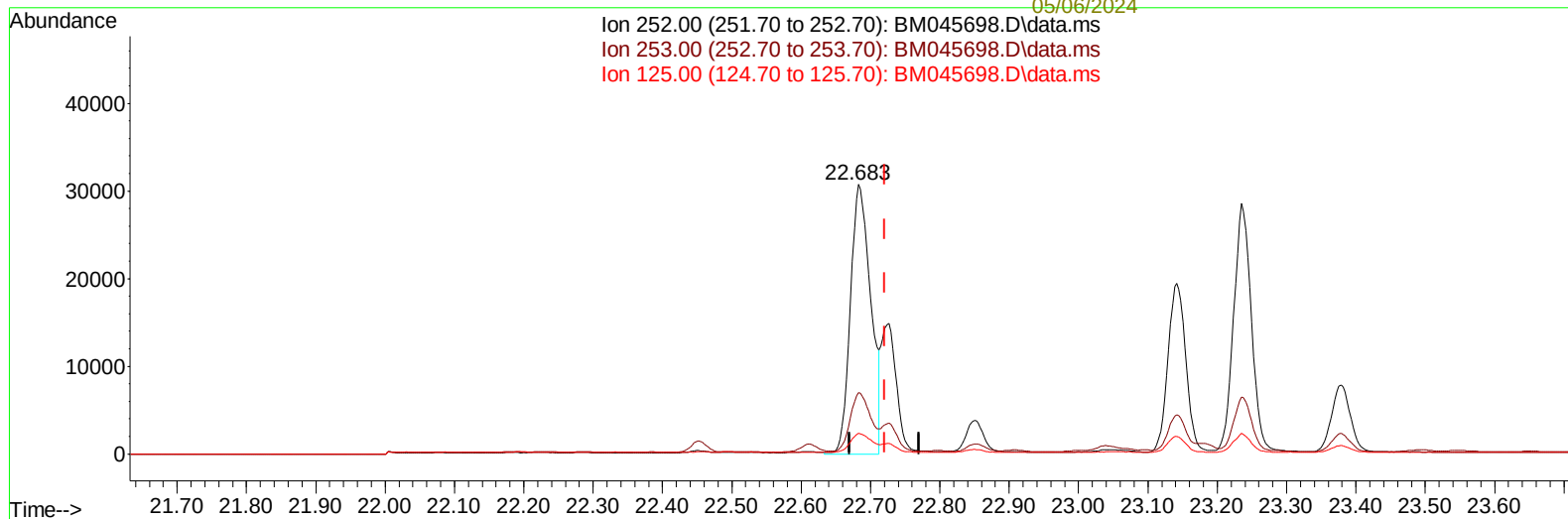
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TIC: BM045698.D\data.ms

(24) Benzo(b)fluoranthene

22.683min (-0.038) 8.64 ng/ul m

response 62748

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	33.60	22.83
125.00	14.00	7.60
0.00	0.00	0.00

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ALS Vial : 31 Sample Multiplier: 1

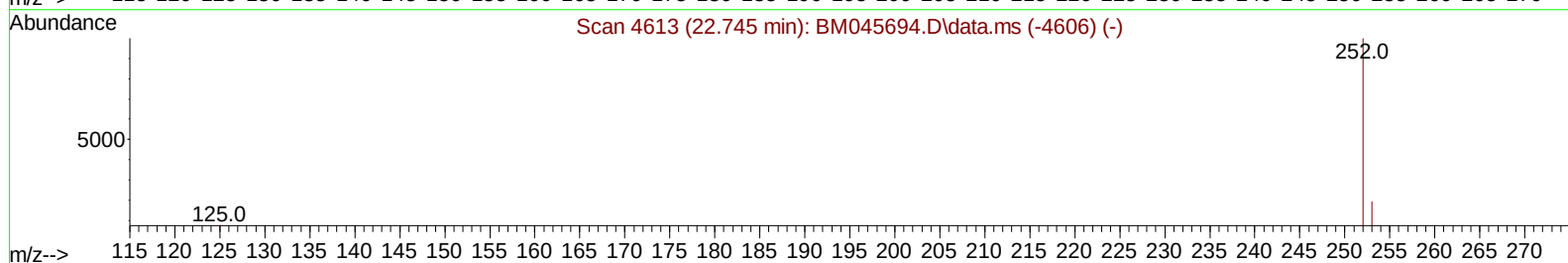
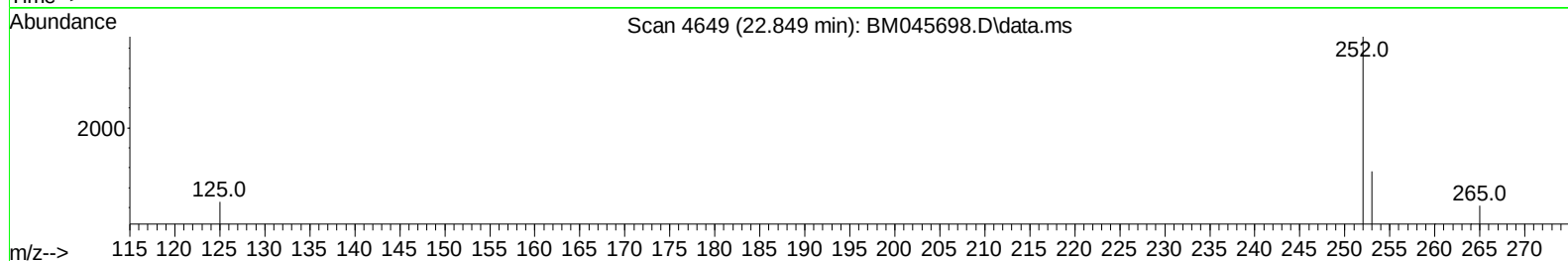
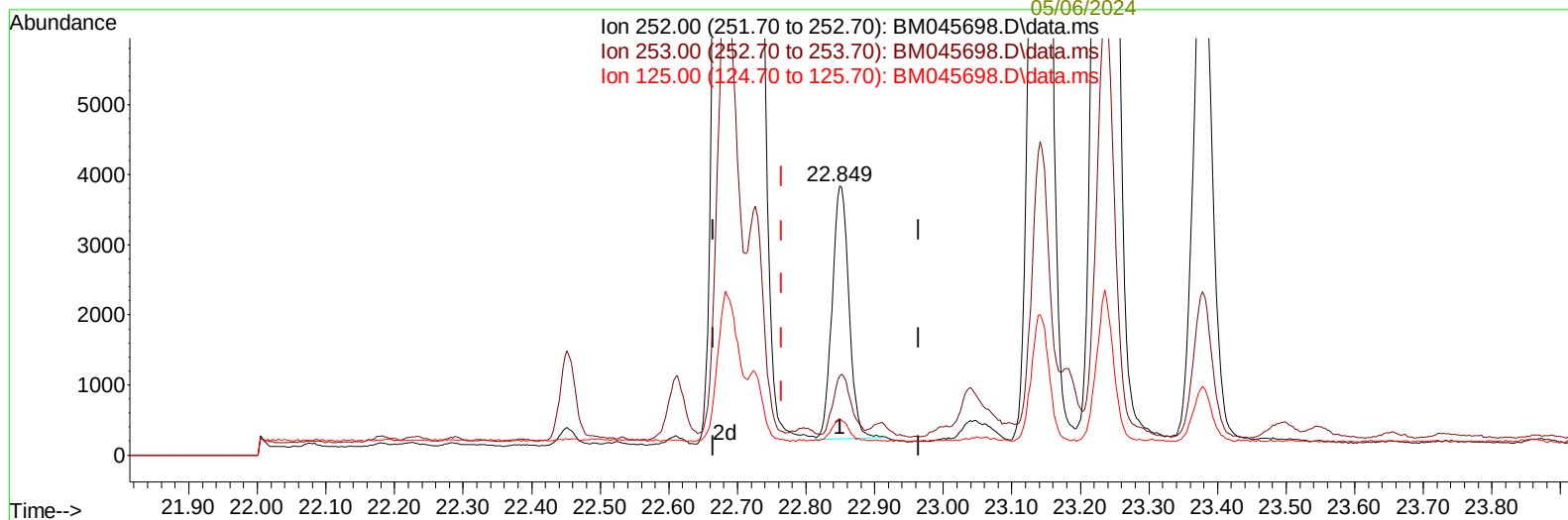
Instrument :
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TIC: BM045698.D\data.ms

(25) Benzo(k)fluoranthene

22.849min (+ 0.085) 0.69 ng/u1

response 6172

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.70	29.33
125.00	14.90	13.53
0.00	0.00	0.00

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 Sample : P2238-11MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

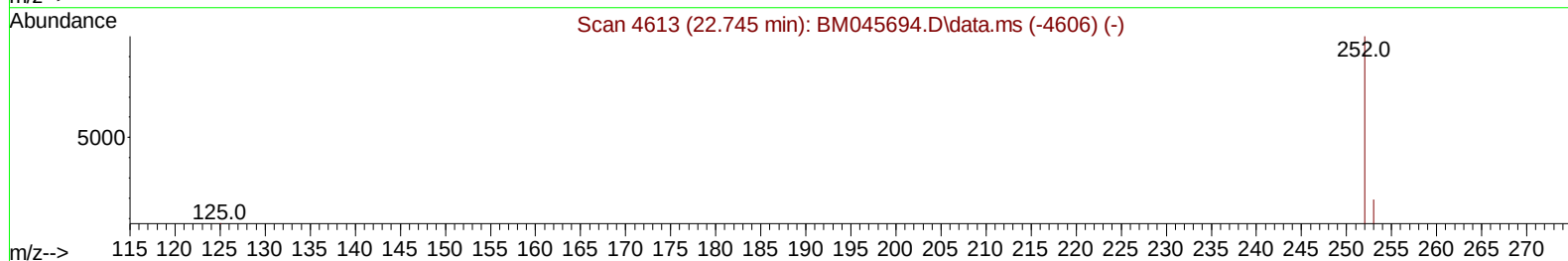
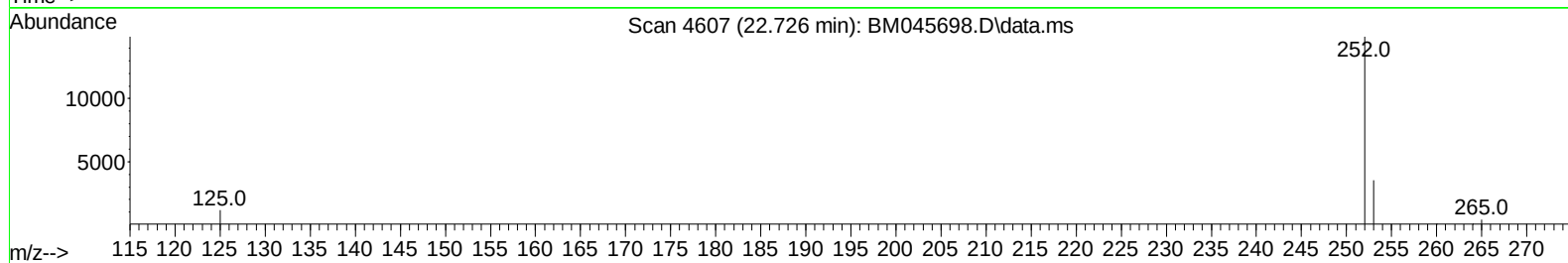
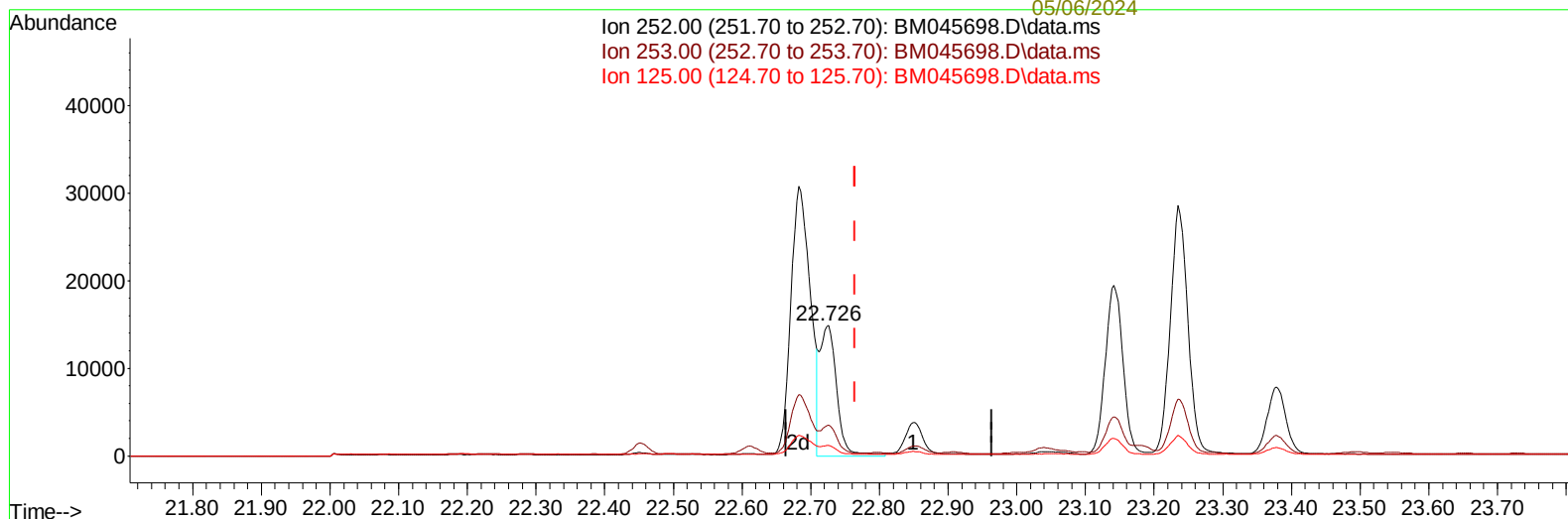
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 ClientSampleId :
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TIC: BM045698.D\data.ms

(25) Benzo(k)fluoranthene

22.726min (-0.038) 2.84 ng/ul m

response 25504

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.70	23.84#
125.00	14.90	7.89#
0.00	0.00	0.00

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Misc :
ALS Vial : 31 Sample Multiplier: 1

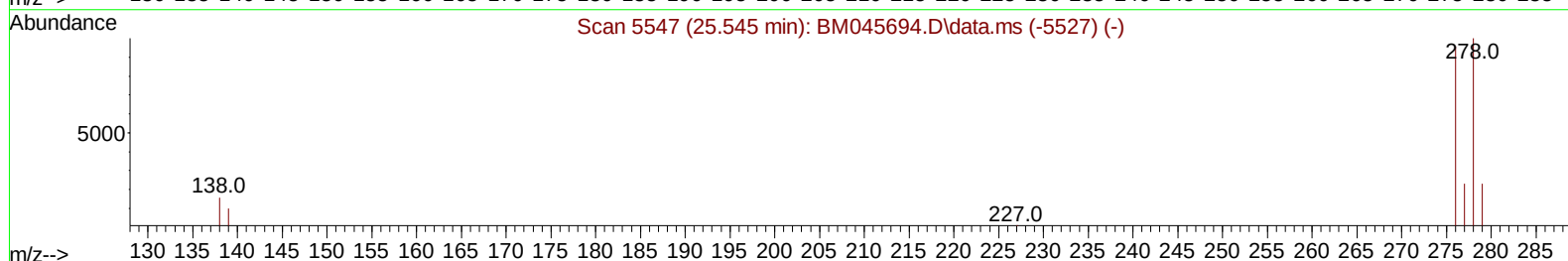
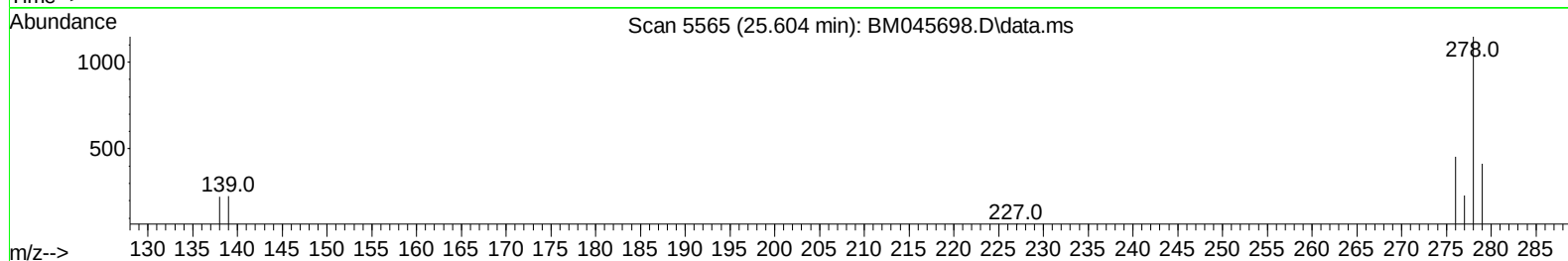
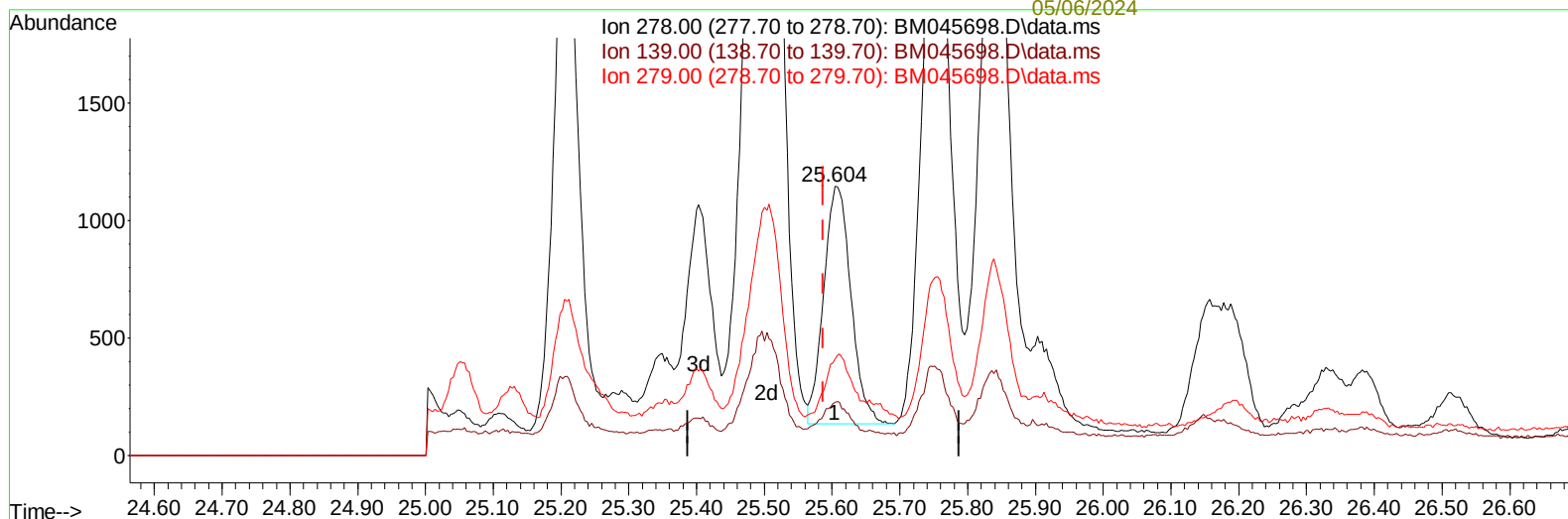
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(28) Dibenzo(a,h)anthracene

25.604min (+ 0.017) 0.32 ng/u1

response 2839

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	21.10	19.98
279.00	39.80	36.04
0.00	0.00	0.00

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 ALS Vial : 31 Sample Multiplier: 1

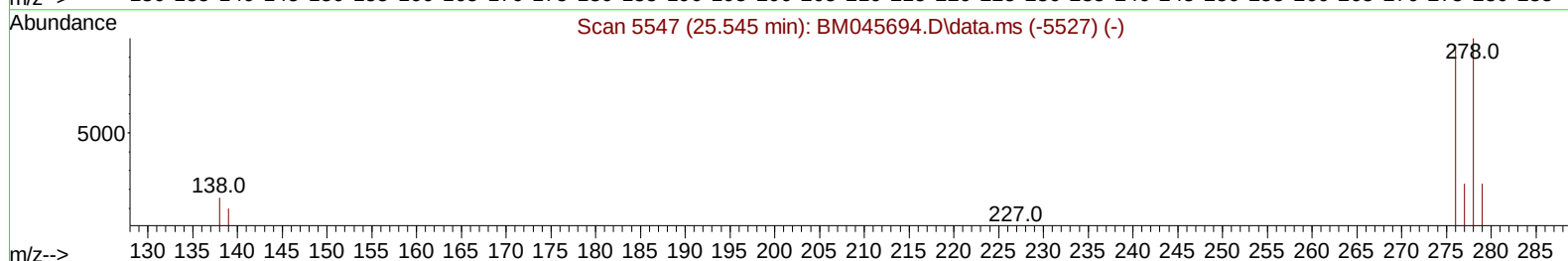
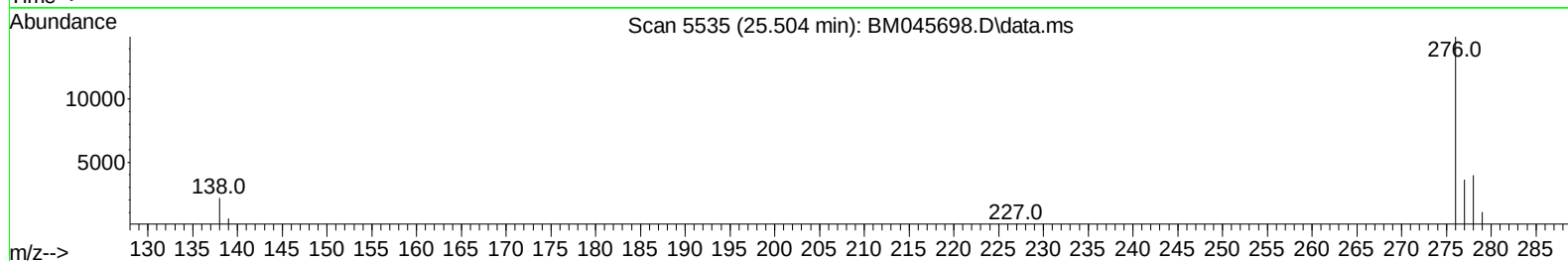
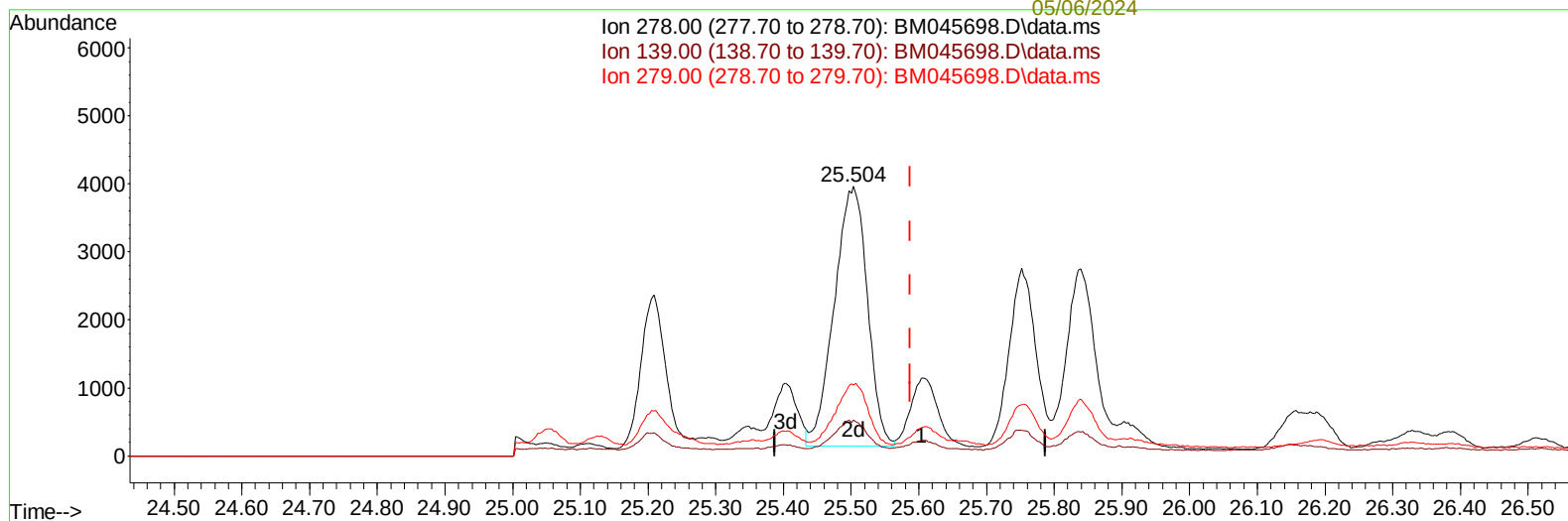
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 Upadhyay
 05/03/2024

Supervised By :mohammad
 ahmed
 05/06/2024



TIC: BM045698.D\data.ms

(28) Dibenzo(a,h)anthracene

25.504min (-0.084) 1.47 ng/ul m

response 12983

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	21.10	13.28#
279.00	39.80	26.35#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
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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	7.543	152		276	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.298	136		984	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.173	164		706	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.943	188		1569	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.157	240		1904	0.400	ng/ul	-0.03
23) Perylene-d12	23.332	264		2606m	0.400	ng/ul	-0.04
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.150	96		116	0.371	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152		359	0.231	ng/ul	-0.05
18) Fluoranthene-d10	18.979	212		1059	0.222	ng/ul	-0.03
Target Compounds					Qvalue		
2) 1,4-Dioxane	3.175	88		296	0.914	ng/ul#	86
5) Naphthalene	10.347	128		1424	0.568	ng/ul#	75
7) 2-Methylnaphthalene	11.969	142		784	0.517	ng/ul	98
8) 1-Methylnaphthalene	12.189	142		653	0.389	ng/ul	96
10) Acenaphthylene	13.900	152		945	0.319	ng/ul	95
11) Acenaphthene	14.238	153		1861	0.846	ng/ul	96
12) Fluorene	15.251	166		1380	0.542	ng/ul#	91
15) Phenanthrene	16.985	178		15256	3.915	ng/ul#	85
16) Anthracene	17.086	178		3471	0.918	ng/ul#	87
19) Fluoranthene	19.011	202		27061	4.472	ng/ul#	83
20) Pyrene	19.378	202		24742	3.845	ng/ul#	84
21) Benzo(a)anthracene	21.140	228		20909	3.762	ng/ul#	92
22) Chrysene	21.192	228		24859	3.160	ng/ul	93
24) Benzo(b)fluoranthene	22.683	252		62748m	8.645	ng/ul	
25) Benzo(k)fluoranthene	22.726	252		25504m	2.838	ng/ul	
26) Benzo(a)pyrene	23.235	252		50121	6.230	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.490	276		50827	4.587	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.504	278		12983m	1.465	ng/ul	
29) Benzo(g,h,i)perylene	26.154	276		56895	5.791	ng/ul#	83

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

