

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
 Data File : BG062076.D
 Acq On : 15 Jul 2024 20:04
 Operator : MA/JU
 Sample : P3100-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

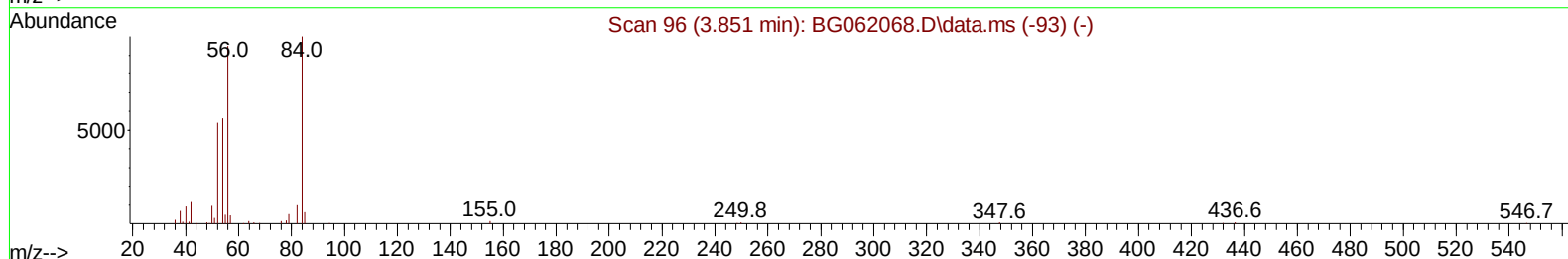
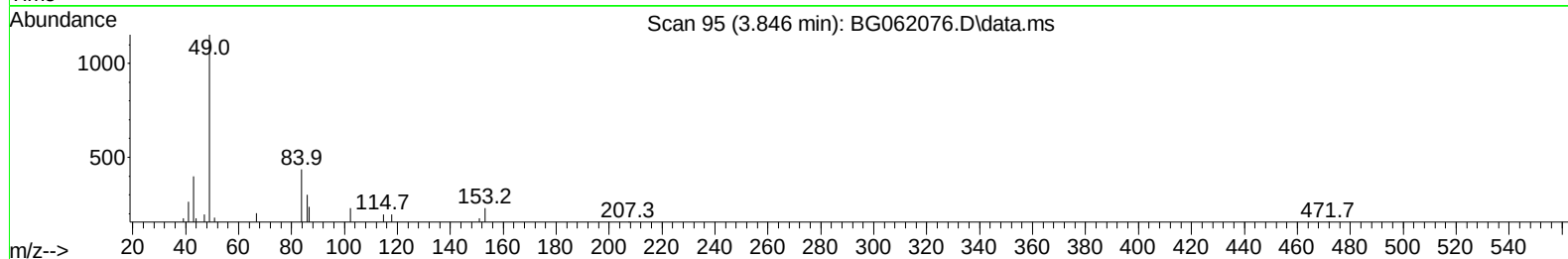
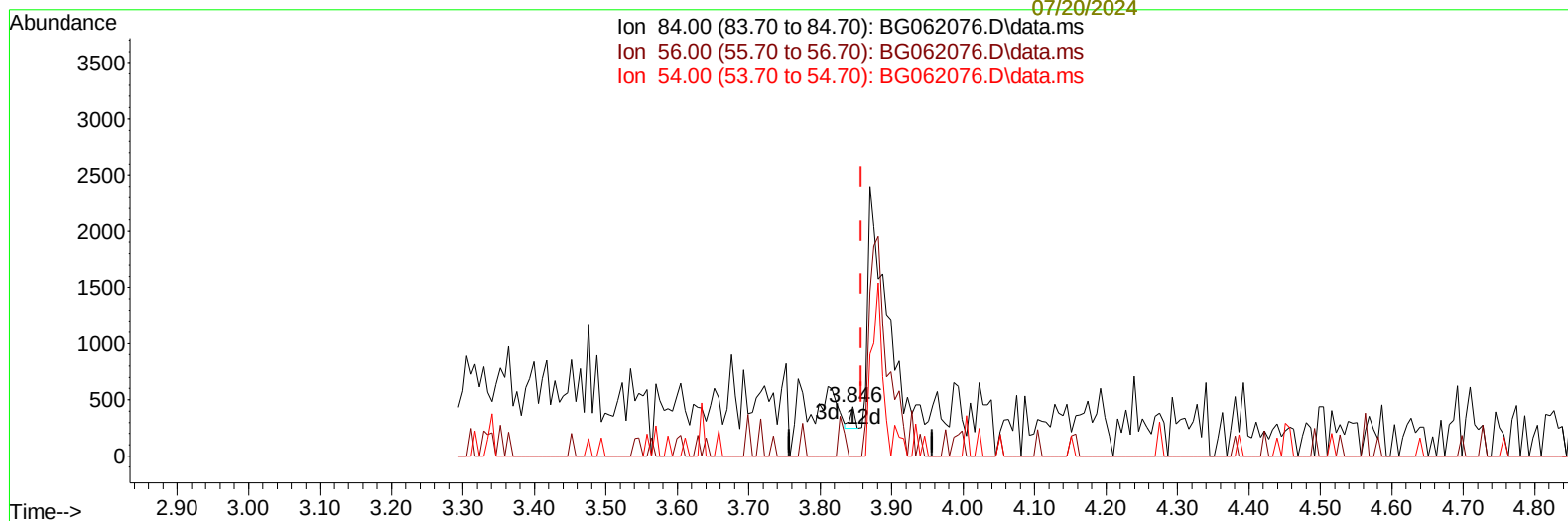
Instrument :
 BNA_G
 ClientSampleId :
 A4BX1

Manual IntegrationsAPPROVED

Quant Time: Jul 15 23:27:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

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 Supervised By :mohammad ahmed 07/20/2024

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 ahmed
 07/20/2024



TIC: BG062076.D\data.ms

(4) Pyridine-d5 (S)

3.846min (-0.011) 0.02 ng/uI

response	89	
Ion	Exp%	Act%
84.00	100.00	100.00
56.00	86.20	0.00#
54.00	45.40	0.00#
0.00	0.00	0.00

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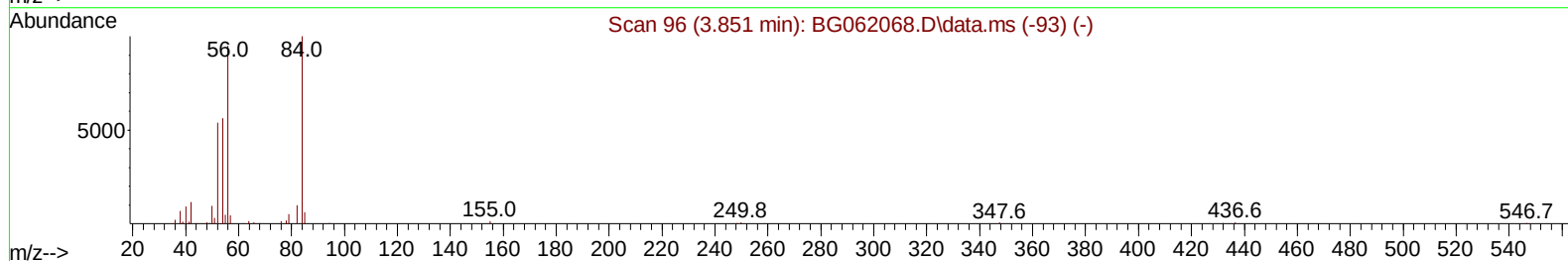
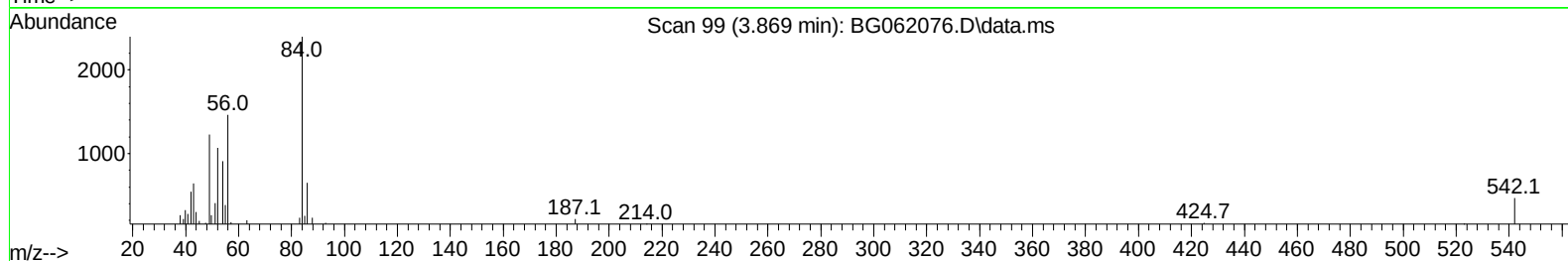
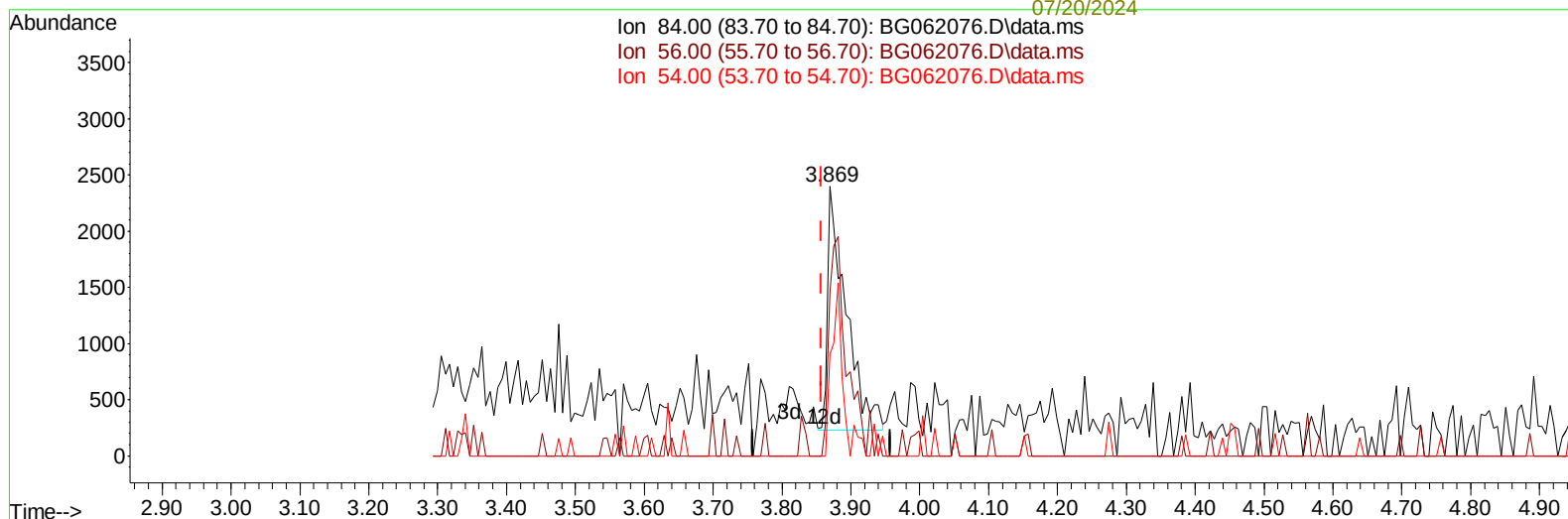
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(4) Pyridine-d5 (S)

3.869min (+ 0.012) 1.09 ng/ul m

response 3996

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	86.20	60.97#
54.00	45.40	37.82
0.00	0.00	0.00

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ALS Vial : 10 Sample Multiplier: 1

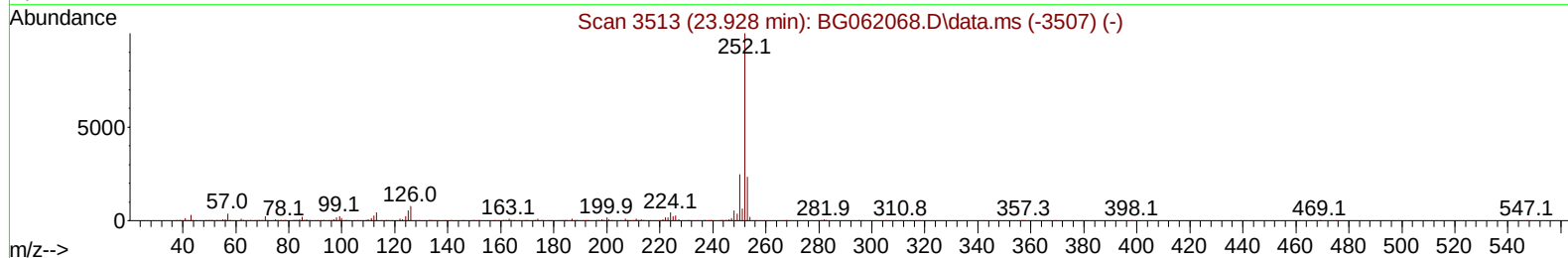
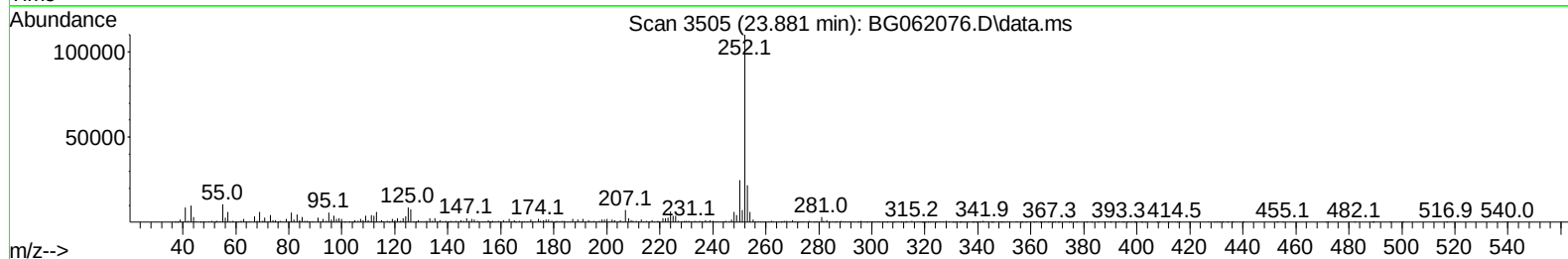
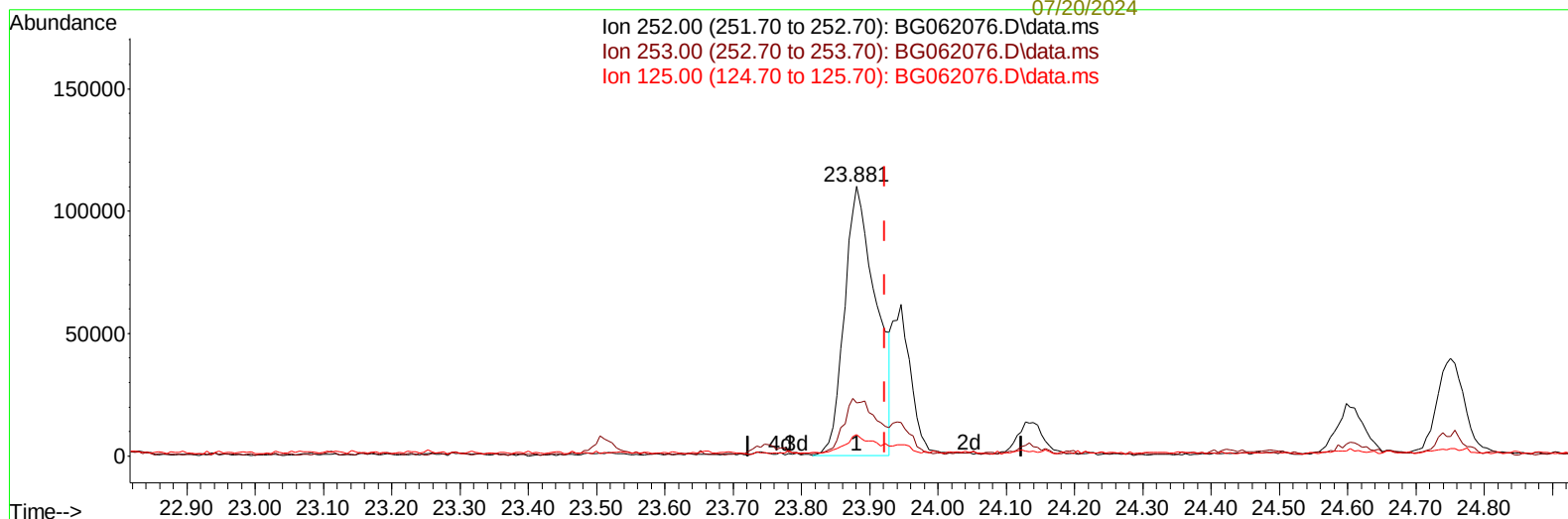
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(91) Benzo(k)fluoranthene

23.881min (-0.041) 15.27 ng/u1

response 353609

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	19.66
125.00	7.90	7.96
0.00	0.00	0.00

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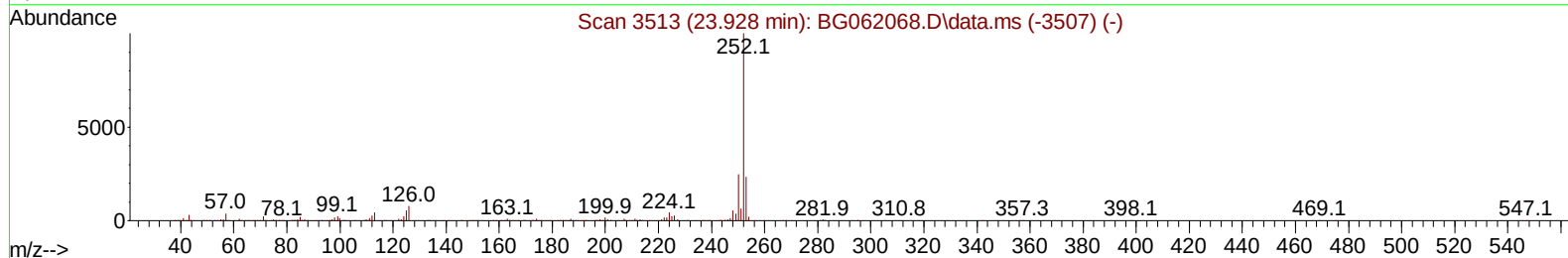
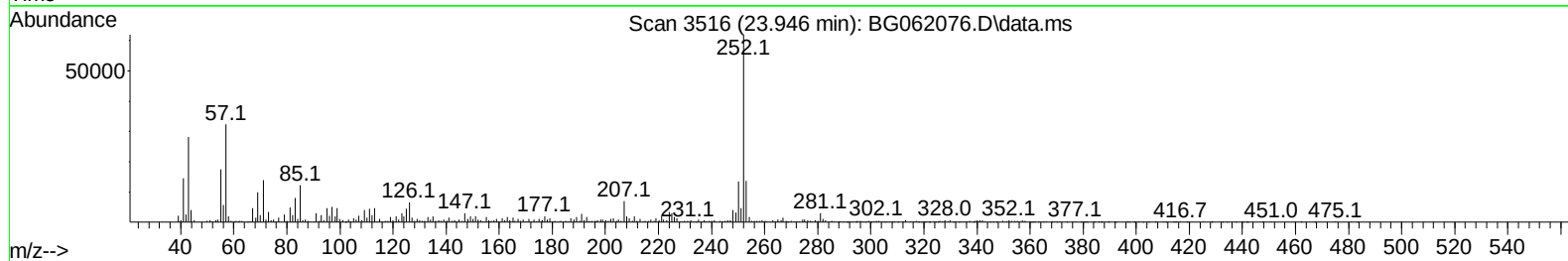
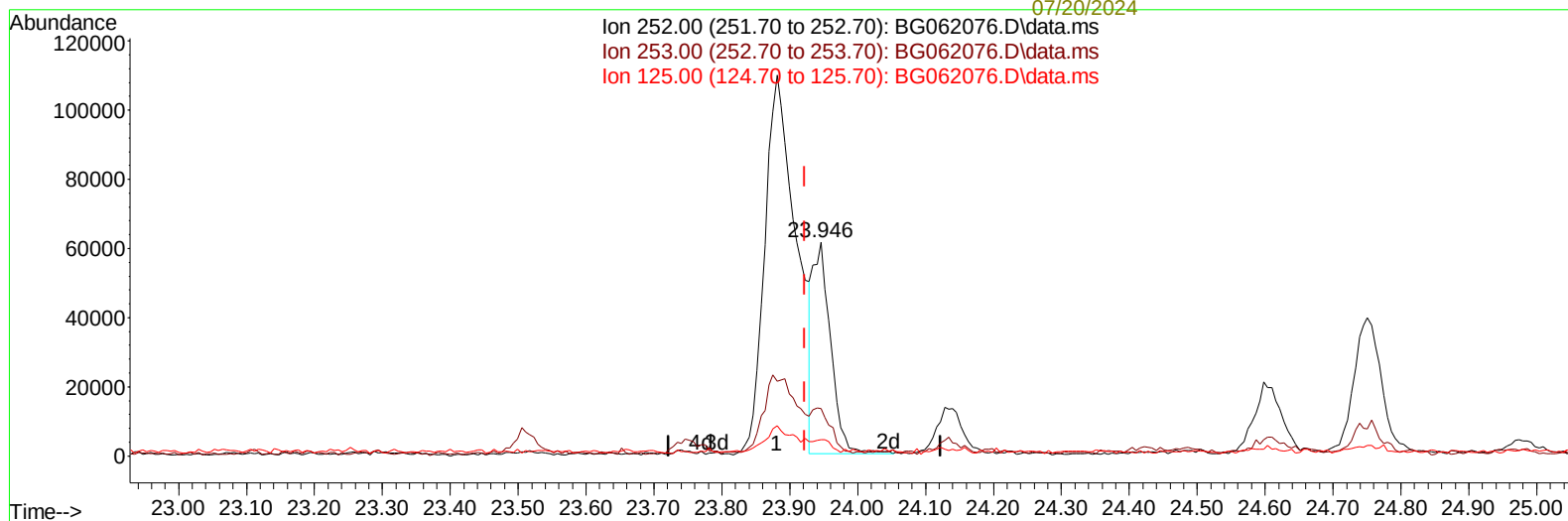
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TIC: BG062076.D\data.ms

(91) Benzo(k)fluoranthene

23.946min (+ 0.024) 4.89 ng/u1 m

response 113188

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.10	22.12
125.00	7.90	7.49
0.00	0.00	0.00

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Misc :
ALS Vial : 10 Sample Multiplier: 1

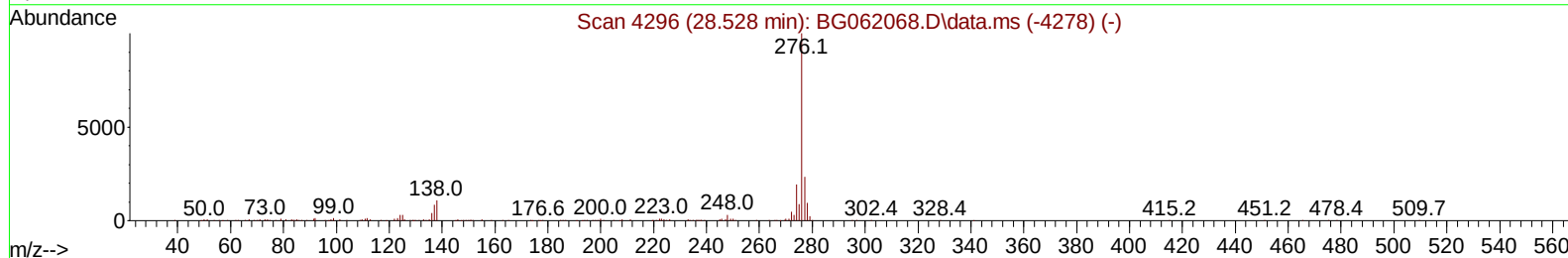
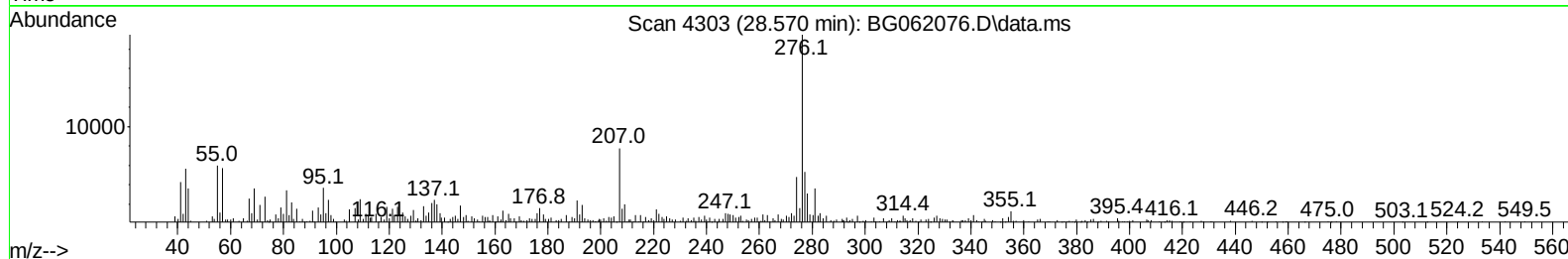
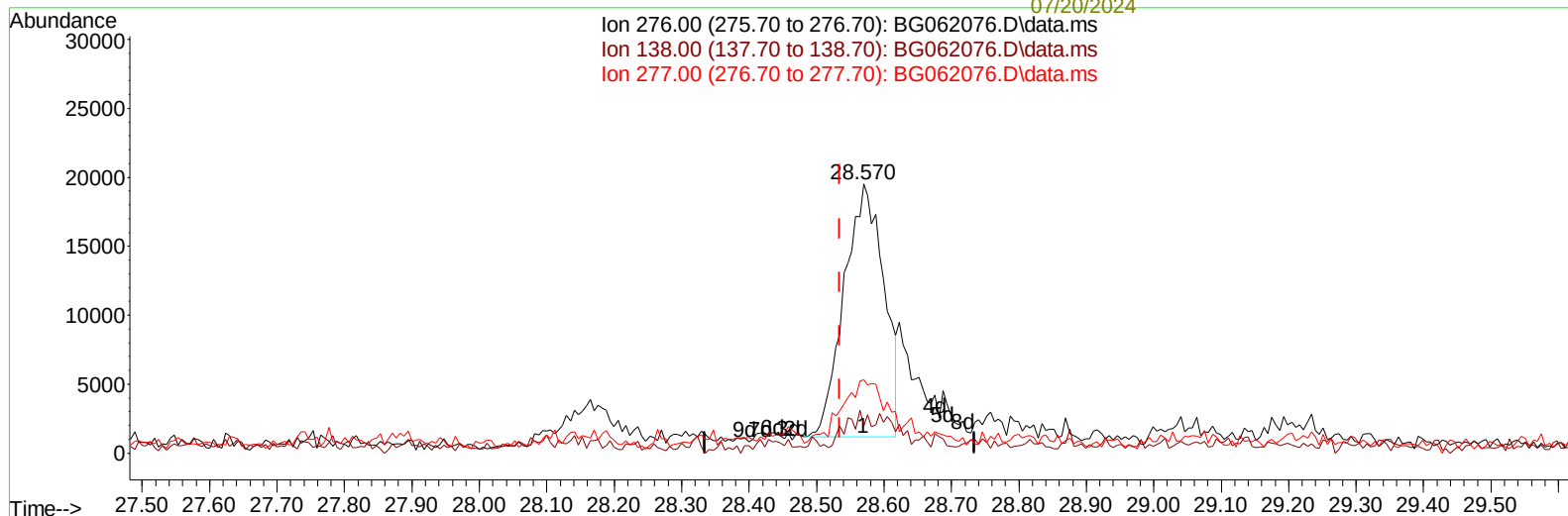
Instrument :
BNA_G
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TIC: BG062076.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.570min (+ 0.036) 2.66 ng/u1

response 74836

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	10.13#
277.00	24.10	27.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
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Acq On : 15 Jul 2024 20:04
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BX1

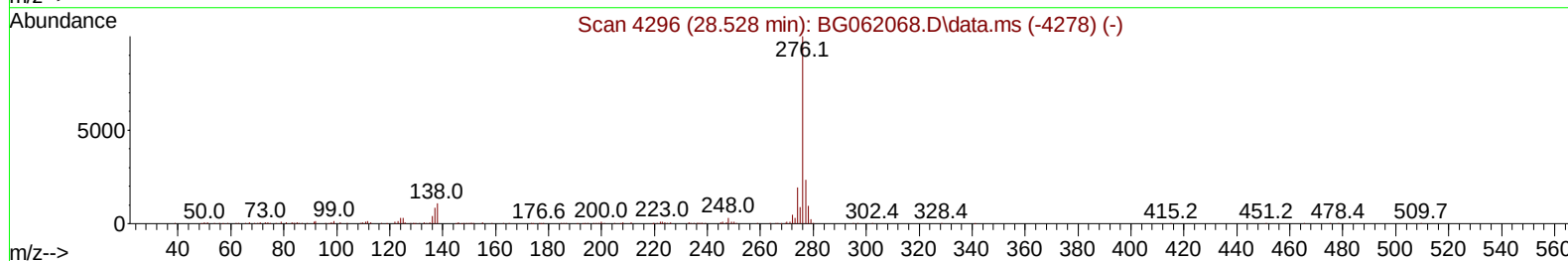
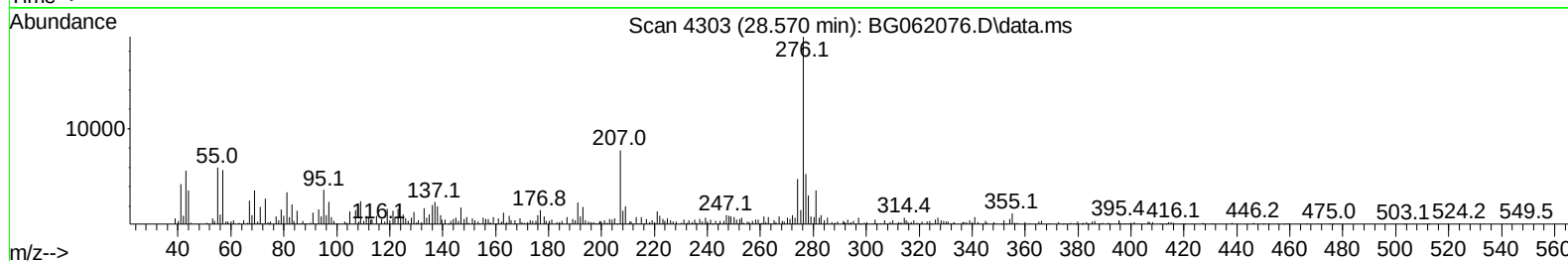
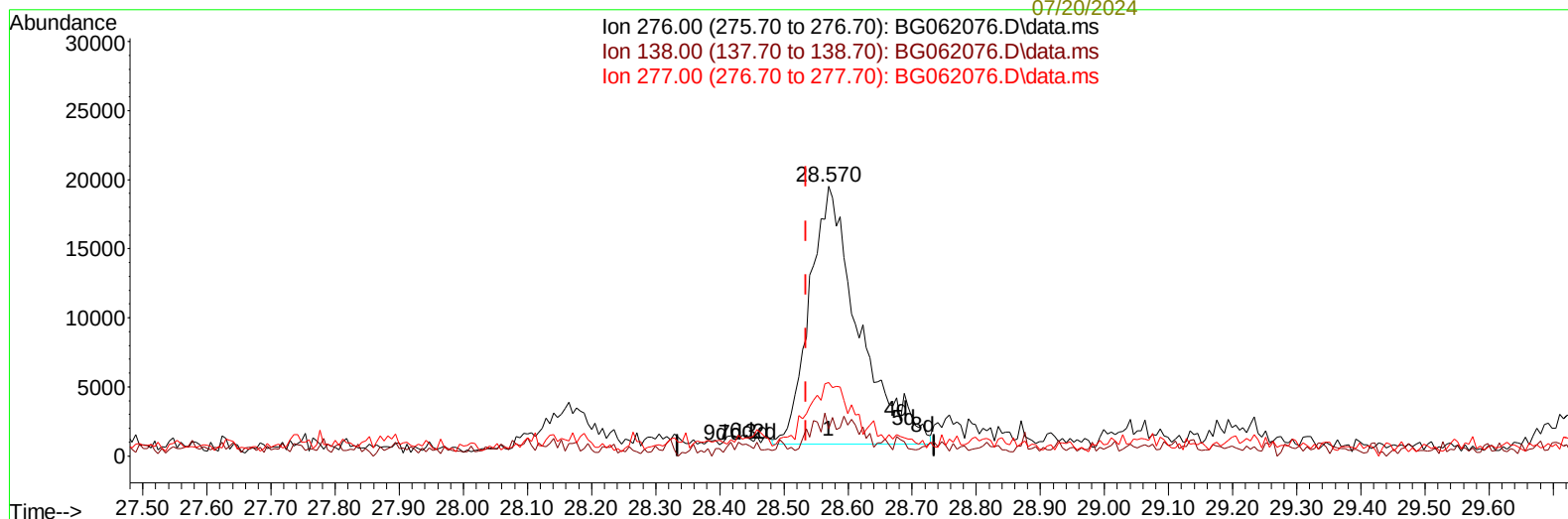
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ahmed
07/20/2024

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Ion 276.00 (275.70 to 276.70): BG062076.D\data.ms
Ion 138.00 (137.70 to 138.70): BG062076.D\data.ms
Ion 277.00 (276.70 to 277.70): BG062076.D\data.ms



TIC: BG062076.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.570min (+ 0.036) 3.54 ng/ul m

response 99543

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.90	10.13#
277.00	24.10	27.29
0.00	0.00	0.00

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Misc :
ALS Vial : 10 Sample Multiplier: 1

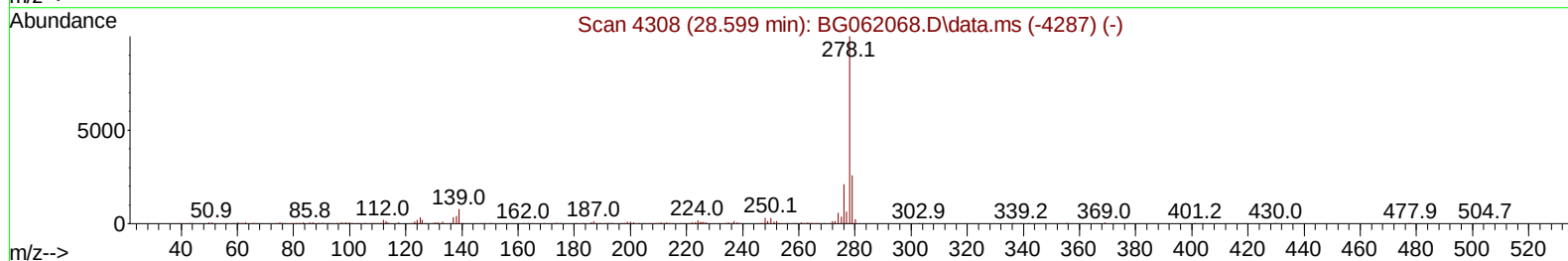
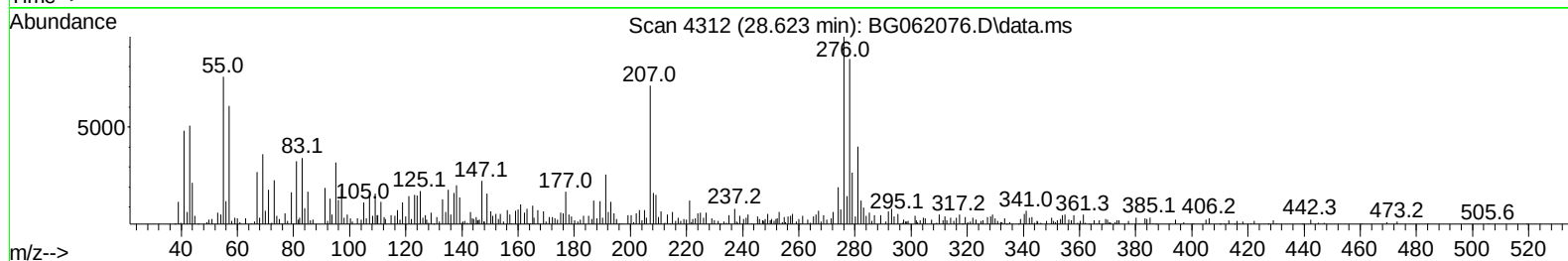
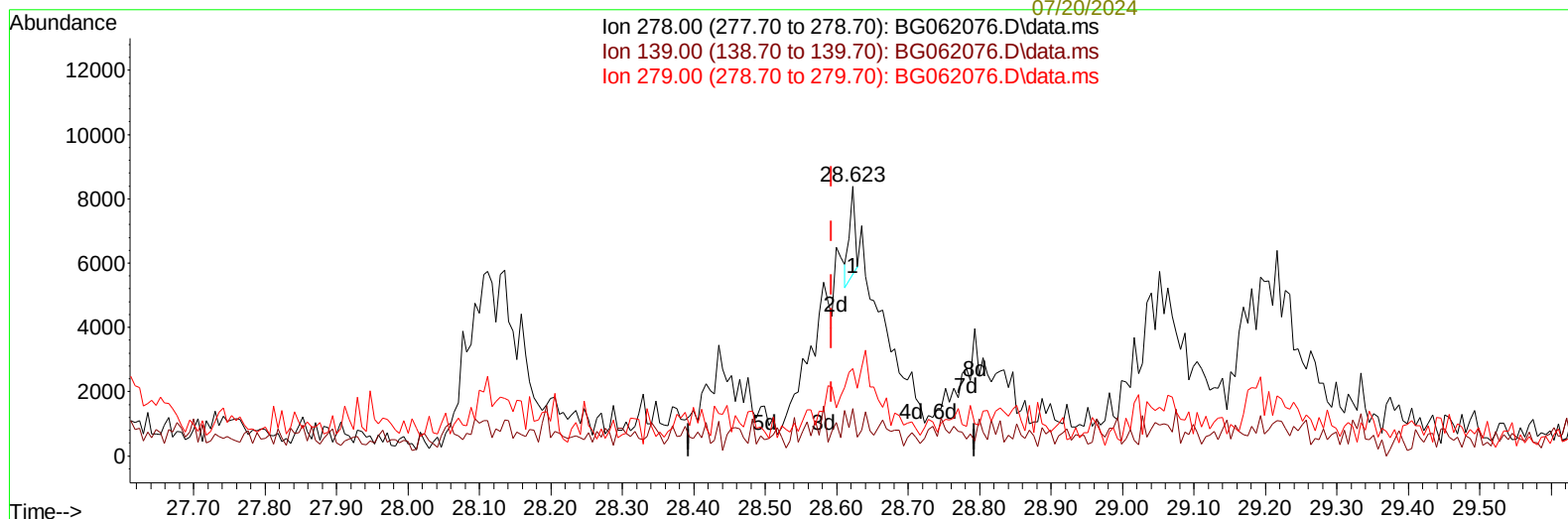
Instrument :
BNA_G
ClientSampleId :
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TIC: BG062076.D\data.ms

(95) Dibenzo(a,h)anthracene

28.623min (+ 0.030) 0.07 ng/u1

response 1549

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	17.60#
279.00	23.50	32.45#
0.00	0.00	0.00

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Sample : P3100-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

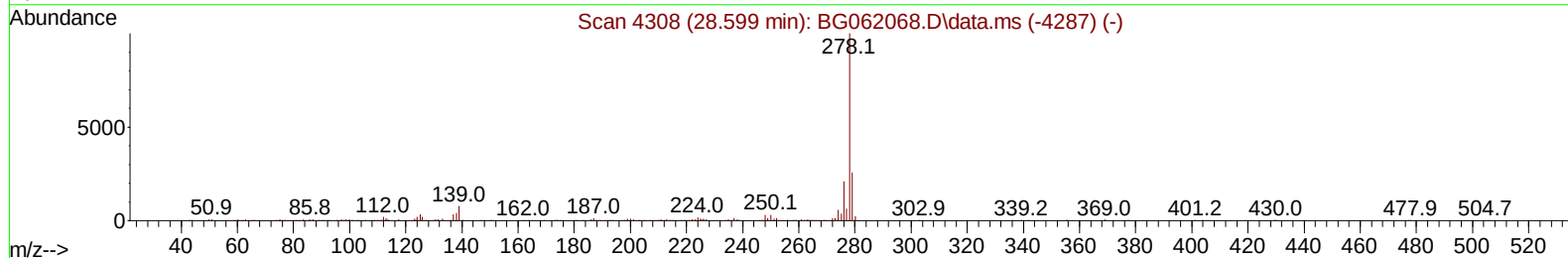
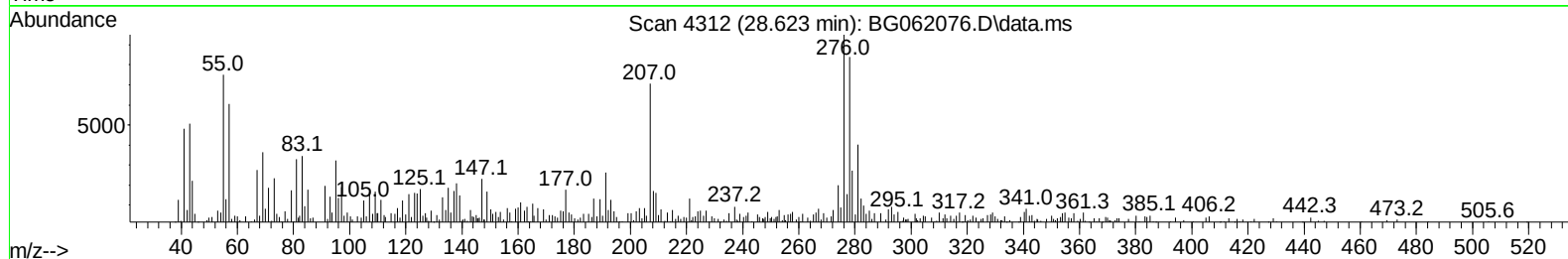
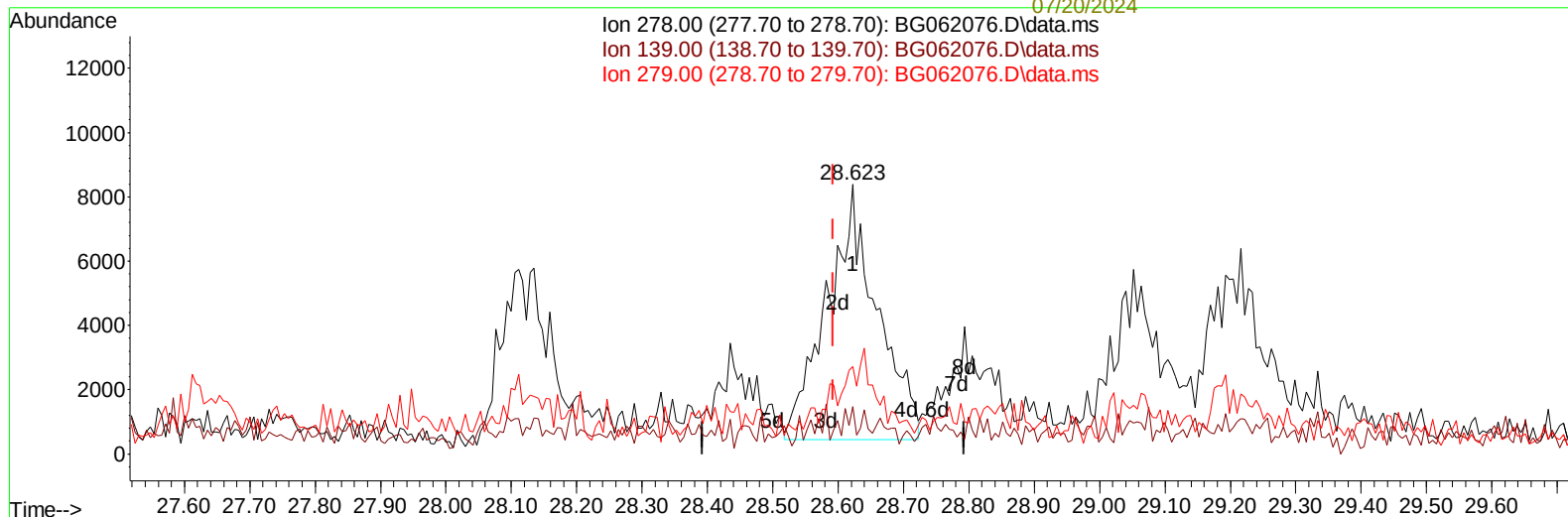
Instrument :
BNA_G
ClientSampleId :
A4BX1

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TIC: BG062076.D\data.ms

(95) Dibenzo(a,h)anthracene

28.623min (+ 0.030) 1.82 ng/ul m

response 42176

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.50	17.60#
279.00	23.50	32.45#
0.00	0.00	0.00

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.041	152		44752	20.000	ng/ul	0.00
20) Naphthalene-d8	10.855	136		219449	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.674	164		149881	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.424	188		341224	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.684	240		300275	20.000	ng/ul	# 0.00
88) Perylene-d12	24.904	264		368679	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.435	96		4404	3.698	ng/uL	0.00
4) Pyridine-d5	3.869	84		3996m	1.091	ng/ul	0.01
7) Phenol-d5	7.213	99		110827	22.629	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.365	67		62919	20.287	ng/ul	0.00
11) 2-Chlorophenol-d4	7.577	132		83196	24.765	ng/ul	0.00
15) 4-Methylphenol-d8	8.764	113		75169	19.494	ng/ul	0.02
21) Nitrobenzene-d5	9.210	128		41707	24.989	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143		53293	27.961	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.479	165		100586	27.361	ng/ul	0.01
31) 4-Chloroaniline-d4	10.990	131		56833	10.648	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166		337960	27.427	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160		366127	28.416	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143		41128	20.900	ng/ul	0.02
60) Fluorene-d10	15.667	176		295853	28.520	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200		37806	21.096	ng/ul	0.01
73) Anthracene-d10	17.524	188		455187	28.572	ng/ul	0.00
81) Pyrene-d10	19.804	212		433014	24.517	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.680	264		343800	18.803	ng/ul	0.02
Target Compounds							
						Qvalue	
72) Phenanthrene	17.465	178		165156	9.179	ng/ul	98
74) Anthracene	17.553	178		25099	1.350	ng/ul	99
77) Carbazole	17.829	167		17752	1.134	ng/ul	98
80) Fluoranthene	19.469	202		429136	20.531	ng/ul#	91
82) Pyrene	19.833	202		289934	13.428	ng/ul#	91
85) Benzo(a)anthracene	21.666	228		196744	9.049	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.555	149		73740	5.671	ng/ul	93
87) Chrysene	21.731	228		233442	11.470	ng/ul	99
90) Benzo(b)fluoranthene	23.881	252		353609	15.223	ng/ul	97
91) Benzo(k)fluoranthene	23.946	252		113188m	4.887	ng/ul	
93) Benzo(a)pyrene	24.751	252		108361	4.927	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.570	276		99543m	3.541	ng/ul	
95) Dibenzo(a,h)anthracene	28.623	278		42176m	1.817	ng/ul	

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

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