

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061334.D
 Acq On : 29 May 2024 18:44
 Operator : MA/JU
 Sample : P2571-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH662

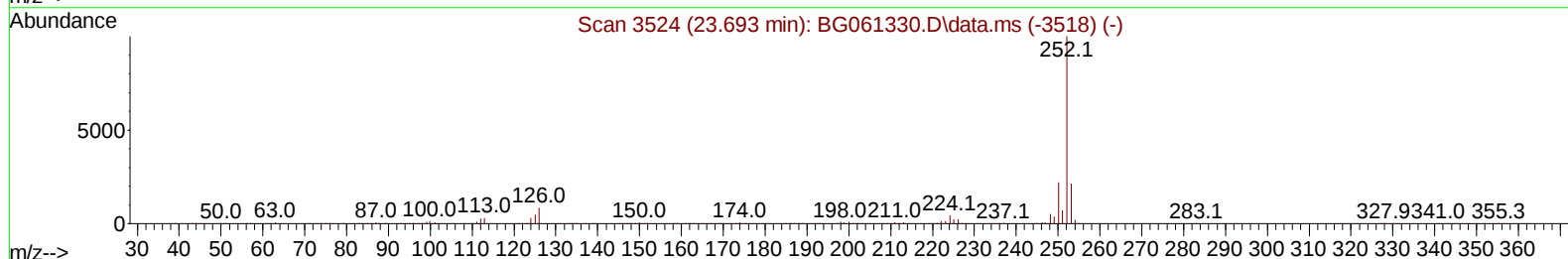
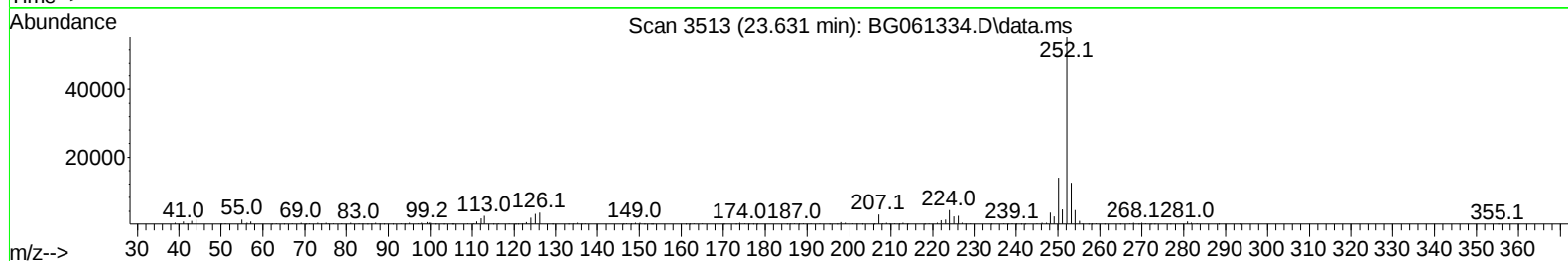
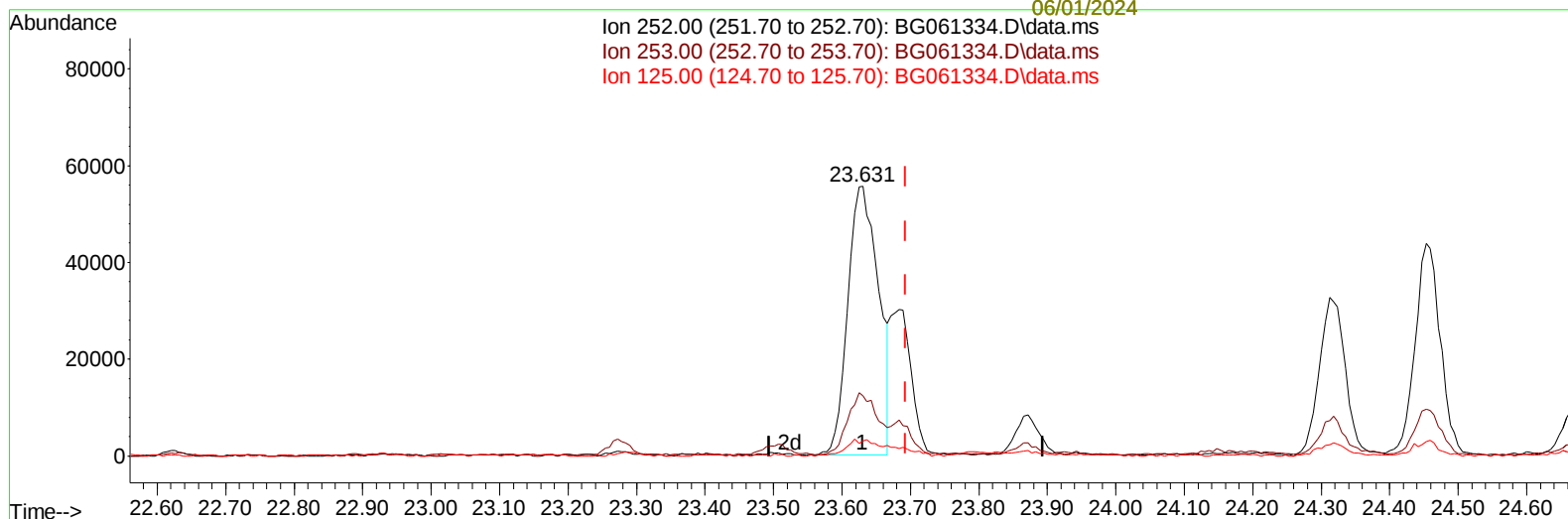
Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

Supervised By :mohammad
 ahmed
 06/01/2024

Quant Time: May 29 23:56:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BG061334.D\data.ms
 Ion 253.00 (252.70 to 253.70): BG061334.D\data.ms
 Ion 125.00 (124.70 to 125.70): BG061334.D\data.ms



TIC: BG061334.D\data.ms

(91) Benzo(k)fluoranthene

23.631min (-0.063) 12.56 ng/u1

response 173129

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	22.32
125.00	5.40	5.66
0.00	0.00	0.00

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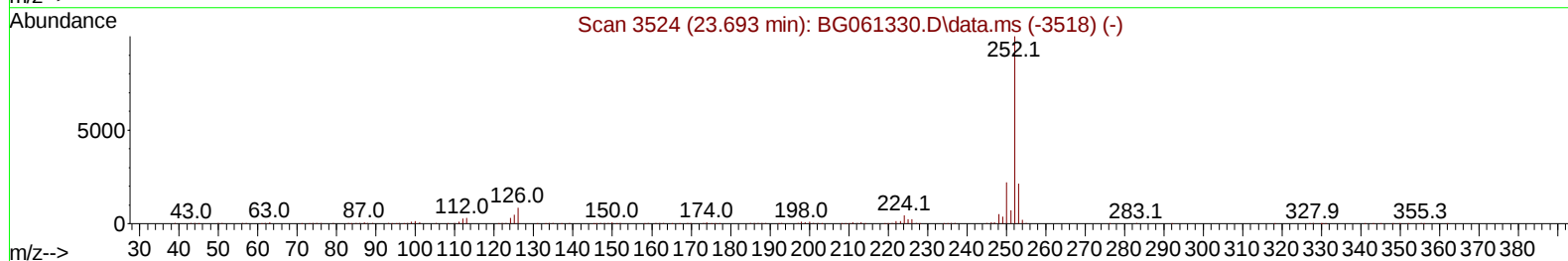
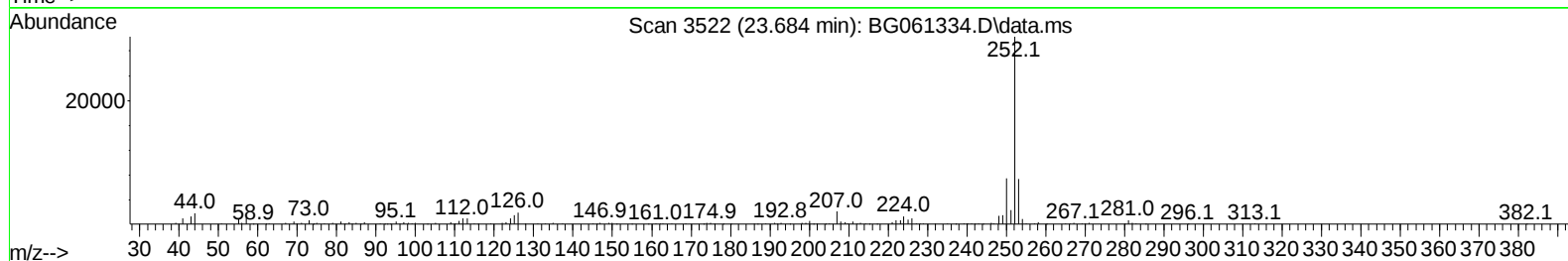
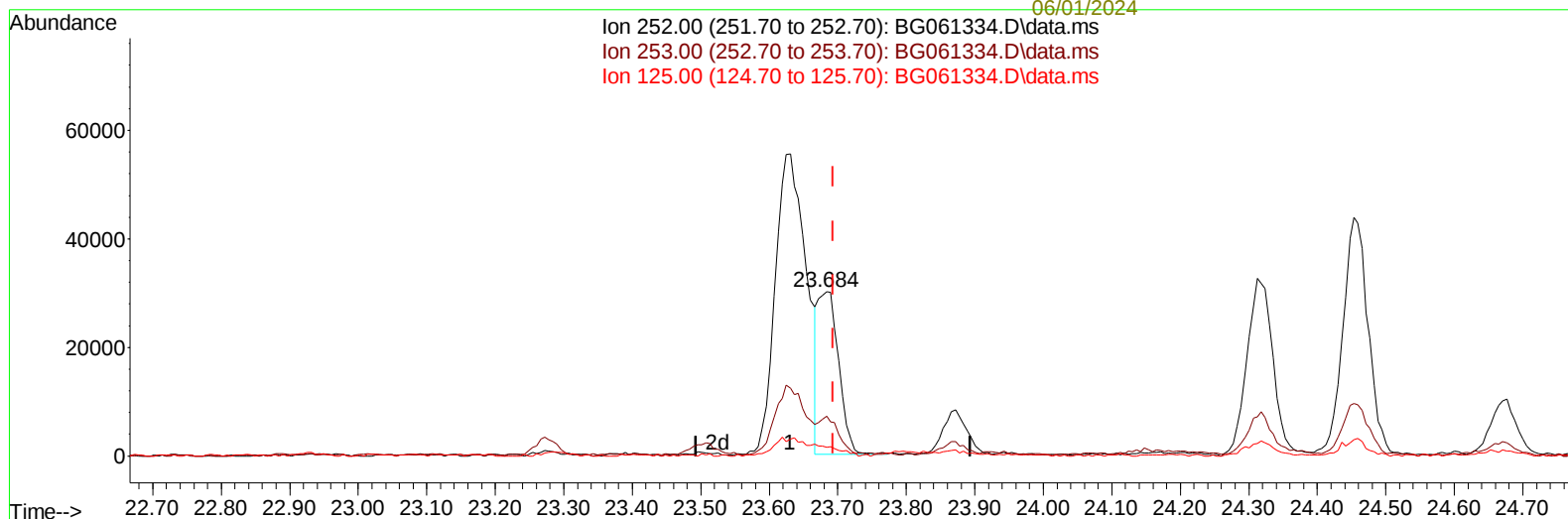
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(91) Benzo(k)fluoranthene

23.684min (-0.010) 4.60 ng/u1 m

response 63466

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	24.36#
125.00	5.40	5.08
0.00	0.00	0.00

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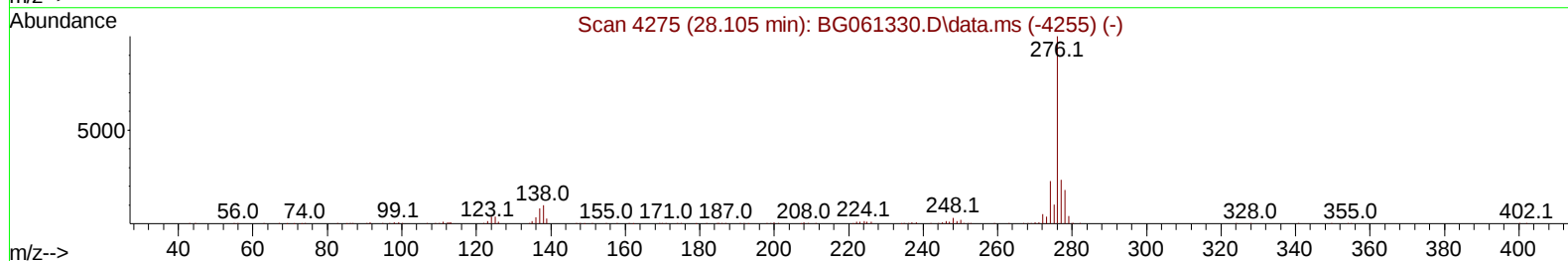
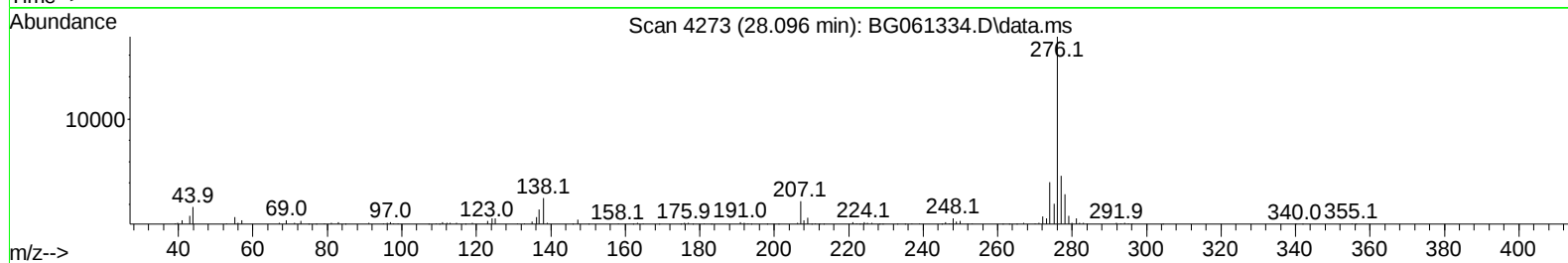
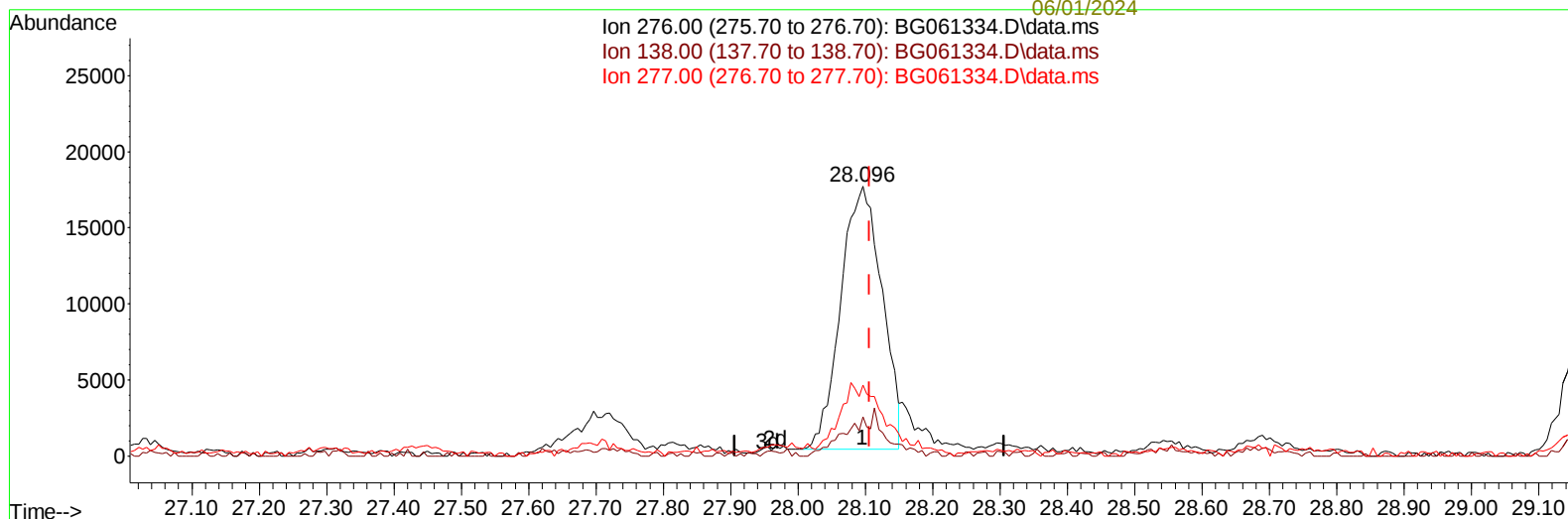
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 ahmed
 06/01/2024



TIC: BG061334.D\data.ms

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

28.096min (-0.010) 4.72 ng/u1

response 73548

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	14.51#
277.00	24.60	26.27
0.00	0.00	0.00

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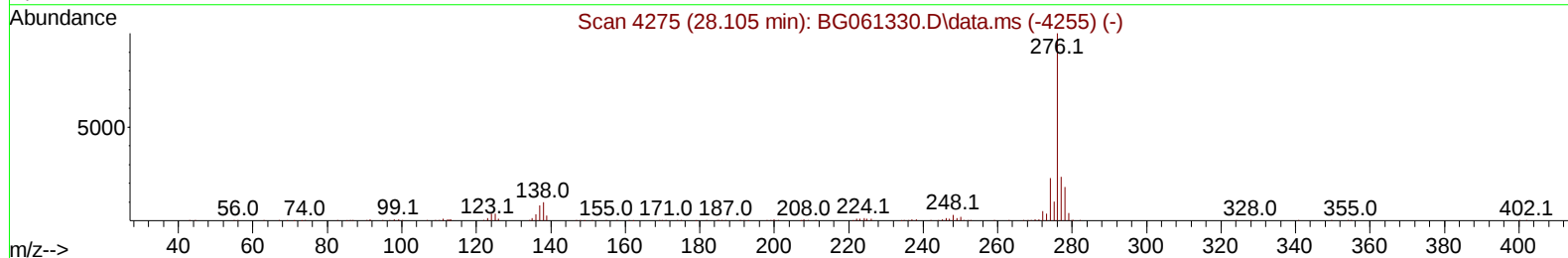
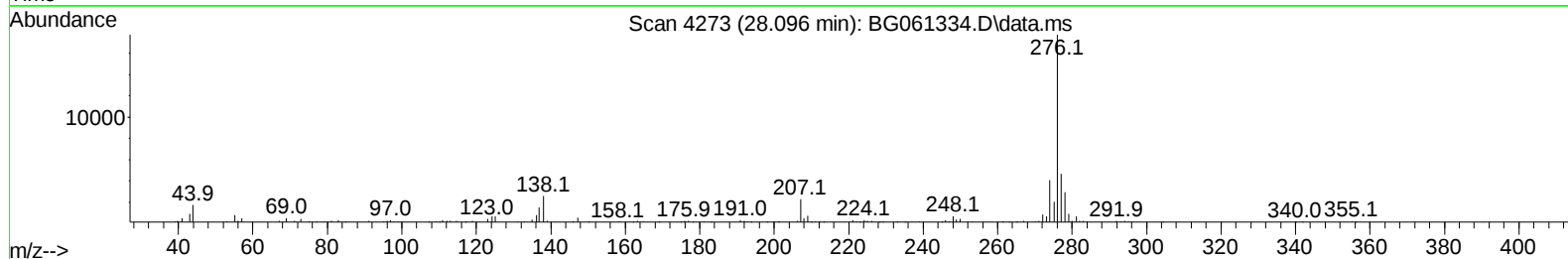
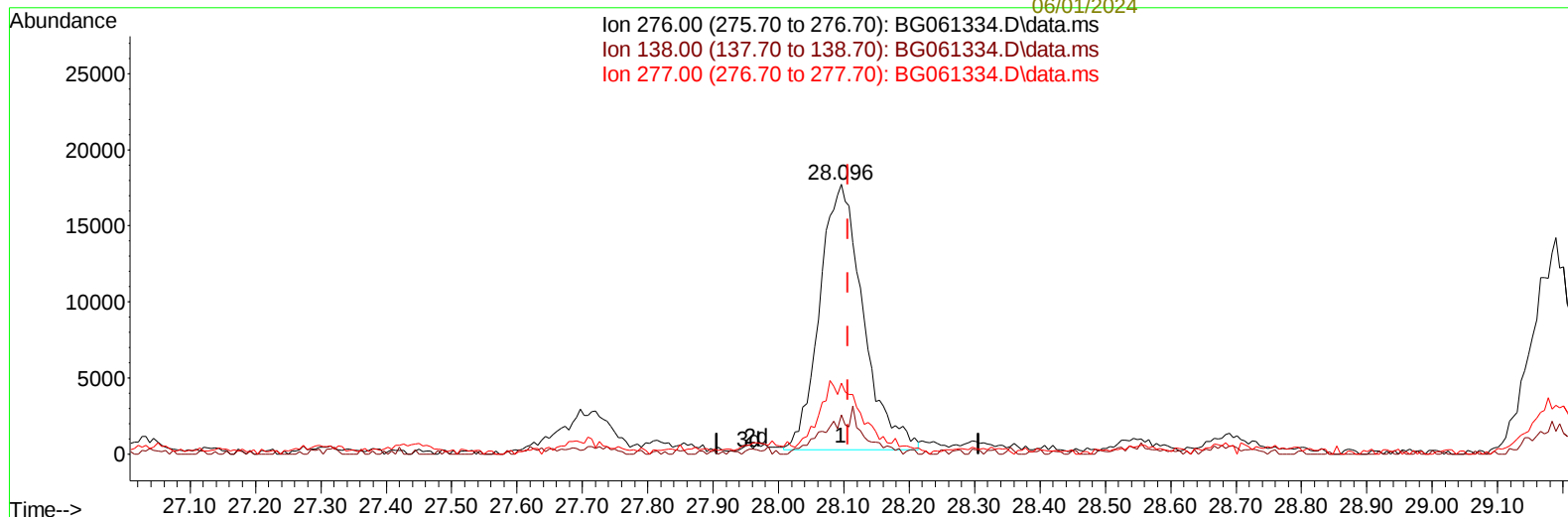
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 ahmed
 06/01/2024



TIC: BG061334.D\data.ms

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

28.096min (-0.010) 5.20 ng/ul m

response 81076

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	14.51#
277.00	24.60	26.27
0.00	0.00	0.00

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Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

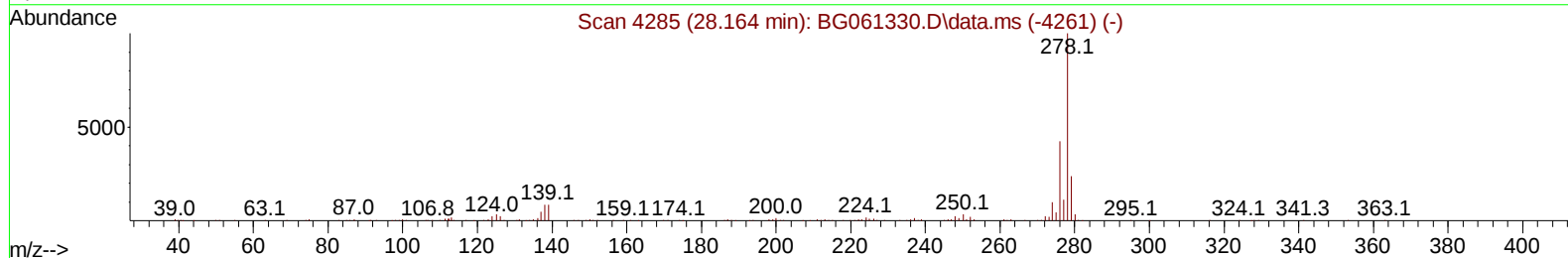
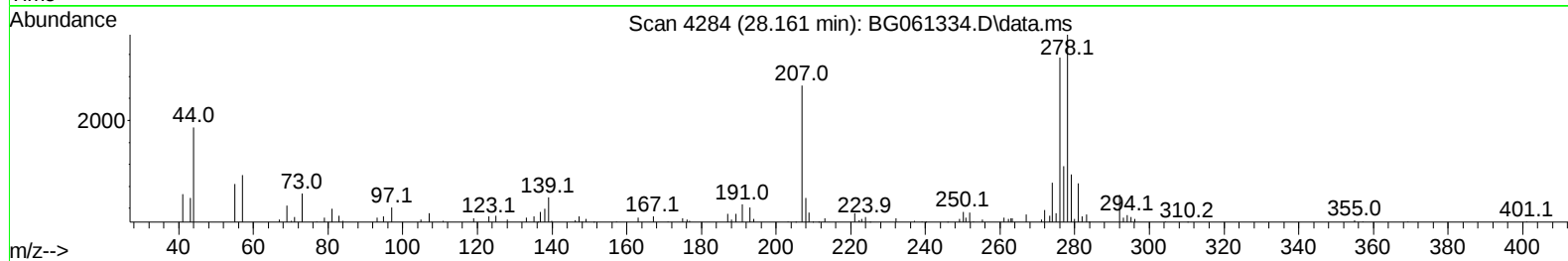
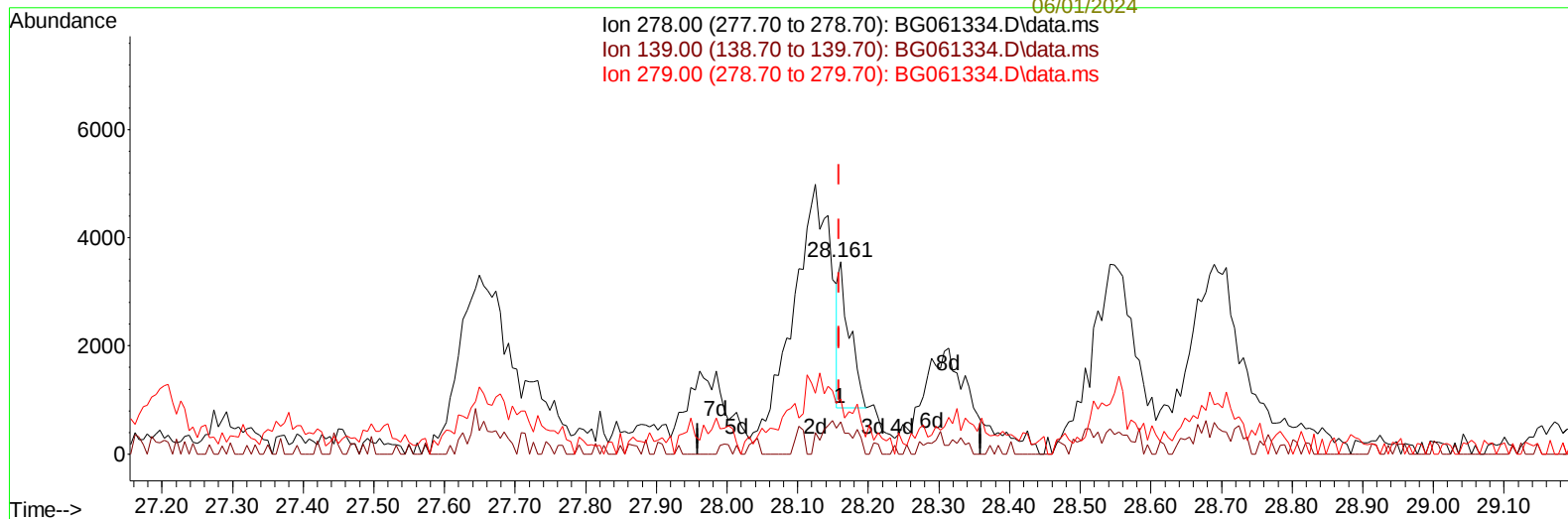
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TIC: BG061334.D\data.ms

(95) Dibenzo(a,h)anthracene

28.161min (+ 0.002) 0.22 ng/u1

response 2868

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	16.86#
279.00	24.90	28.46
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
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Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

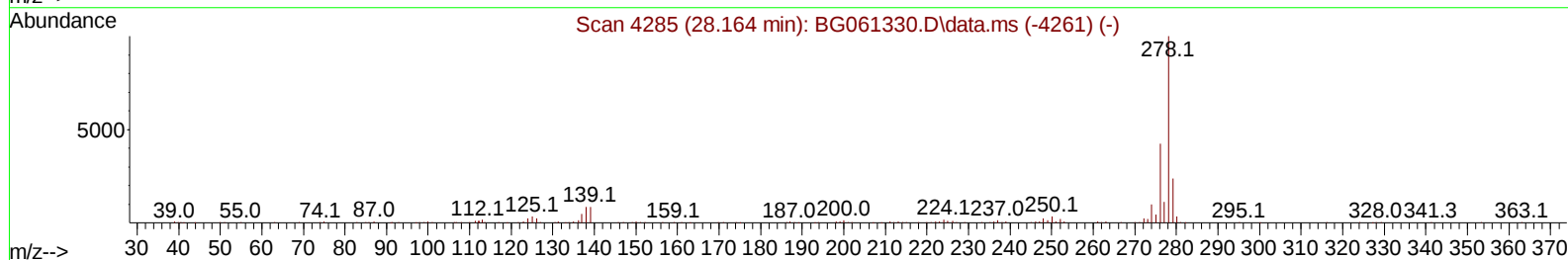
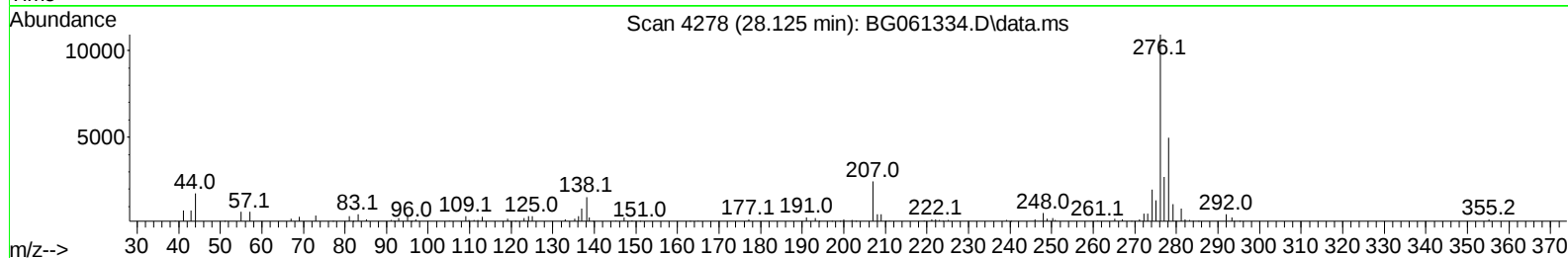
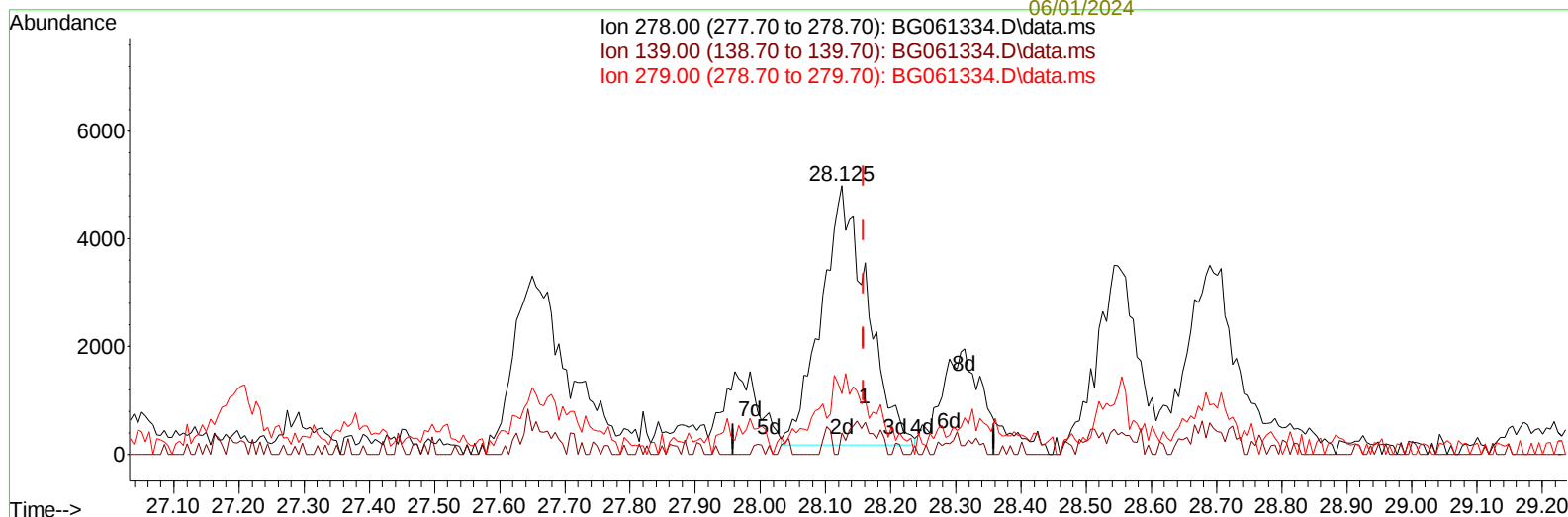
Instrument :
BNA_G
ClientSampleId :
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TIC: BG061334.D\data.ms

(95) Dibenzo(a,h)anthracene

28.125min (-0.034) 1.83 ng/u1 m

response 23589

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	7.80
279.00	24.90	22.60
0.00	0.00	0.00

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Data File : BG061334.D
Acq On : 29 May 2024 18:44
Operator : MA/JU
Sample : P2571-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

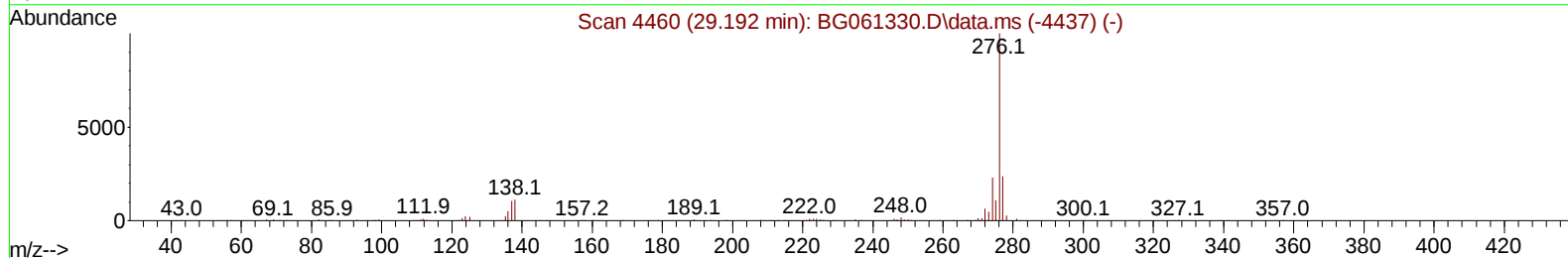
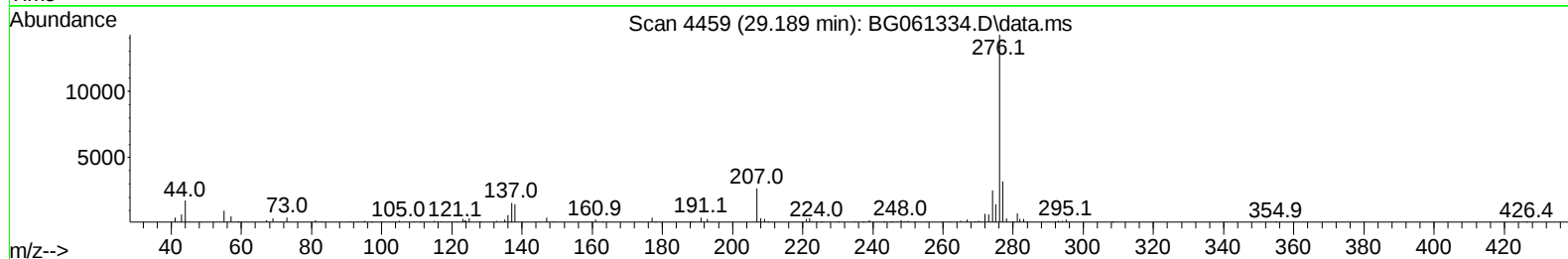
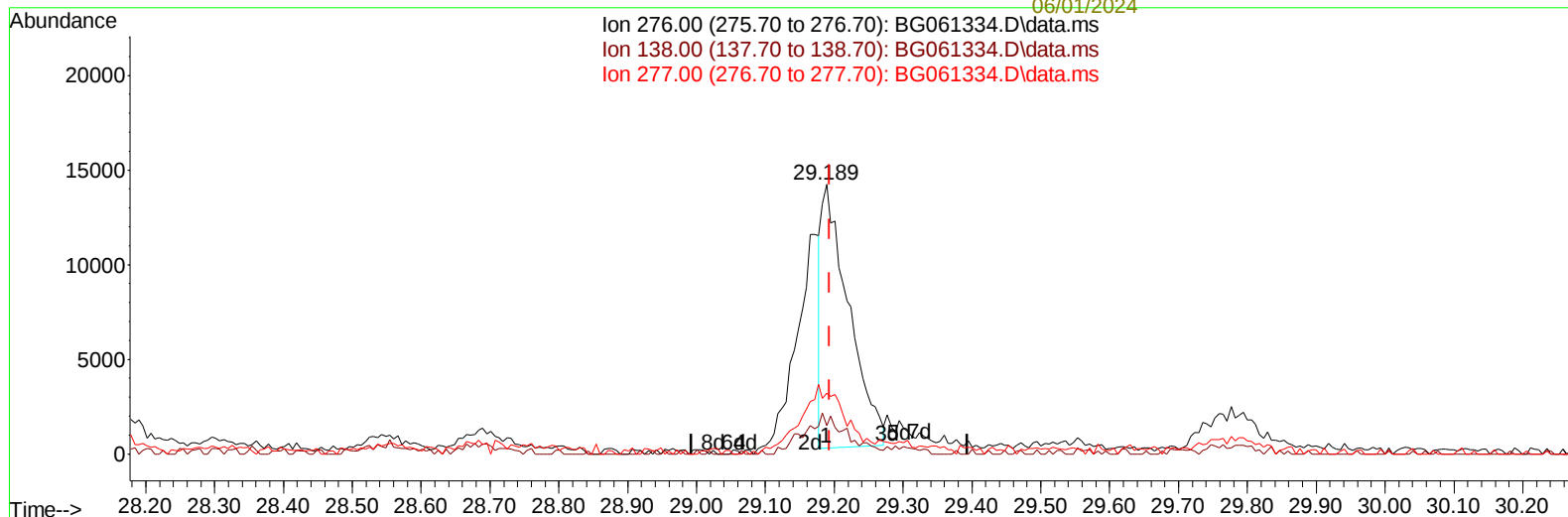
Instrument :
BNA_G
ClientSampleId :
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TIC: BG061334.D\data.ms

(96) Benzo(g,h,i)perylene**29.189min (-0.004) 3.06 ng/u1****response 37950**

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.49
277.00	22.70	22.61
0.00	0.00	0.00

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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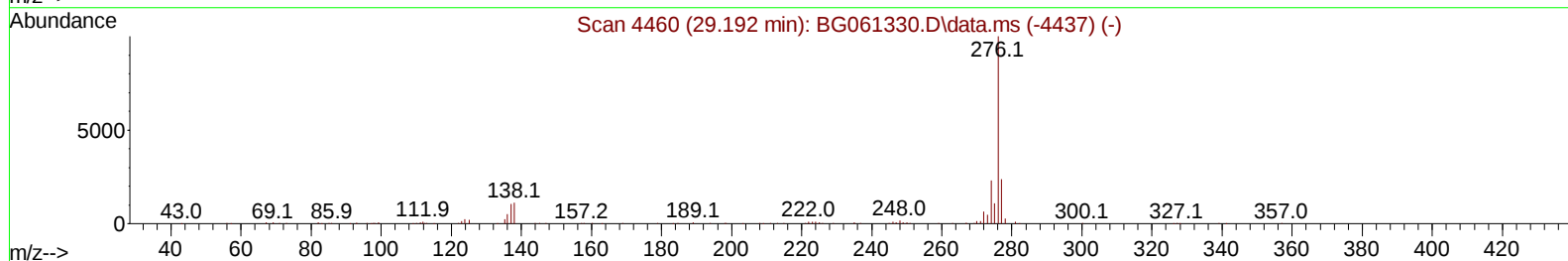
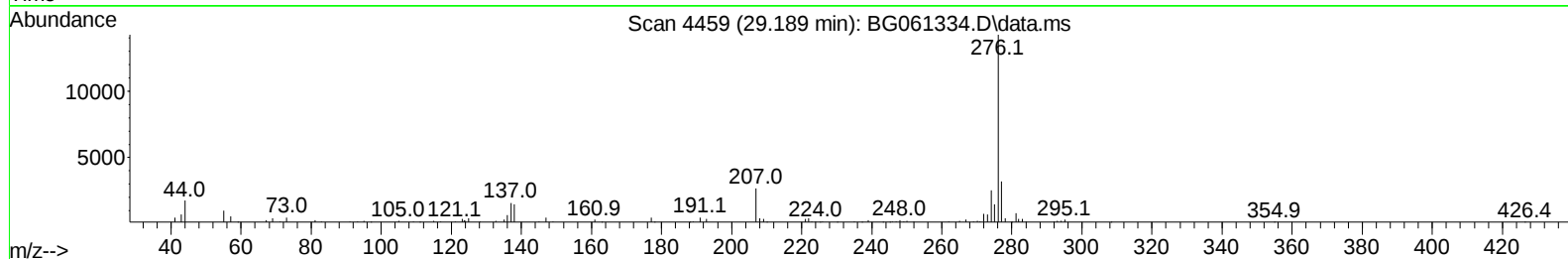
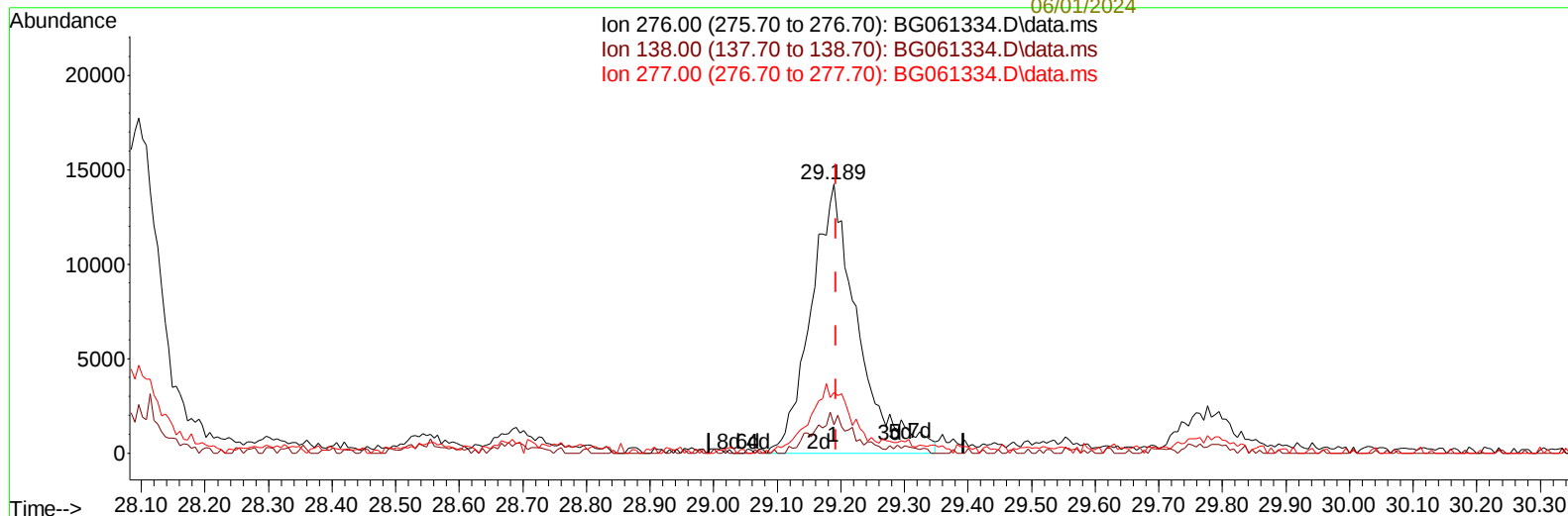
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06/01/2024

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Ion 276.00 (275.70 to 276.70): BG061334.D\data.ms
Ion 138.00 (137.70 to 138.70): BG061334.D\data.ms
Ion 277.00 (276.70 to 277.70): BG061334.D\data.ms



TIC: BG061334.D\data.ms

(96) Benzo(g,h,i)perylene

29.189min (-0.004) 5.87 ng/ul m

response 72834

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.49
277.00	22.70	22.61
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	26475	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	115345	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.518	164	86870	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	194398	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	200985	20.000	ng/ul	0.00
88) Perylene-d12	24.600	264	228034	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	1996	4.219	ng/uL	0.00
4) Pyridine-d5	3.748	84	14445	8.583	ng/ul	0.00
7) Phenol-d5	7.062	99	51700	23.779	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.209	67	32963	24.121	ng/ul	0.00
11) 2-Chlorophenol-d4	7.420	132	41568	25.834	ng/ul	0.00
15) 4-Methylphenol-d8	8.595	113	31923	17.220	ng/ul	0.00
21) Nitrobenzene-d5	9.042	128	21409	24.107	ng/ul	0.00
24) 2-Nitrophenol-d4	9.759	143	25133	24.181	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.311	165	49034	24.199	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	35850	13.524	ng/ul	0.00
46) Dimethylphthalate-d6	13.924	166	164231	24.376	ng/ul	0.00
49) Acenaphthylene-d8	14.206	160	178678	25.509	ng/ul	0.00
54) 4-Nitrophenol-d4	14.747	143	14167	17.008	ng/ul	0.00
60) Fluorene-d10	15.511	176	146133	25.122	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	20737	17.637	ng/ul	0.00
73) Anthracene-d10	17.362	188	215561	25.152	ng/ul	0.00
81) Pyrene-d10	19.653	212	267308	25.903	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.395	264	283367	25.848	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.309	178	78577	8.328	ng/ul	95
80) Fluoranthene	19.318	202	212408	17.158	ng/ul	99
82) Pyrene	19.682	202	193446	15.054	ng/ul	99
83) Butylbenzylphthalate	20.570	149	7869	1.783	ng/ul	95
85) Benzo(a)anthracene	21.498	228	109083	7.866	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	33493	5.126	ng/ul#	99
87) Chrysene	21.563	228	128960	10.099	ng/ul	96
90) Benzo(b)fluoranthene	23.631	252	173129	12.752	ng/ul	100
91) Benzo(k)fluoranthene	23.684	252	63466m	4.605	ng/ul	
93) Benzo(a)pyrene	24.453	252	110239	8.551	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.096	276	81076m	5.200	ng/ul	
95) Dibenzo(a,h)anthracene	28.125	278	23589m	1.835	ng/ul	
96) Benzo(g,h,i)perylene	29.189	276	72834m	5.872	ng/ul	

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

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