

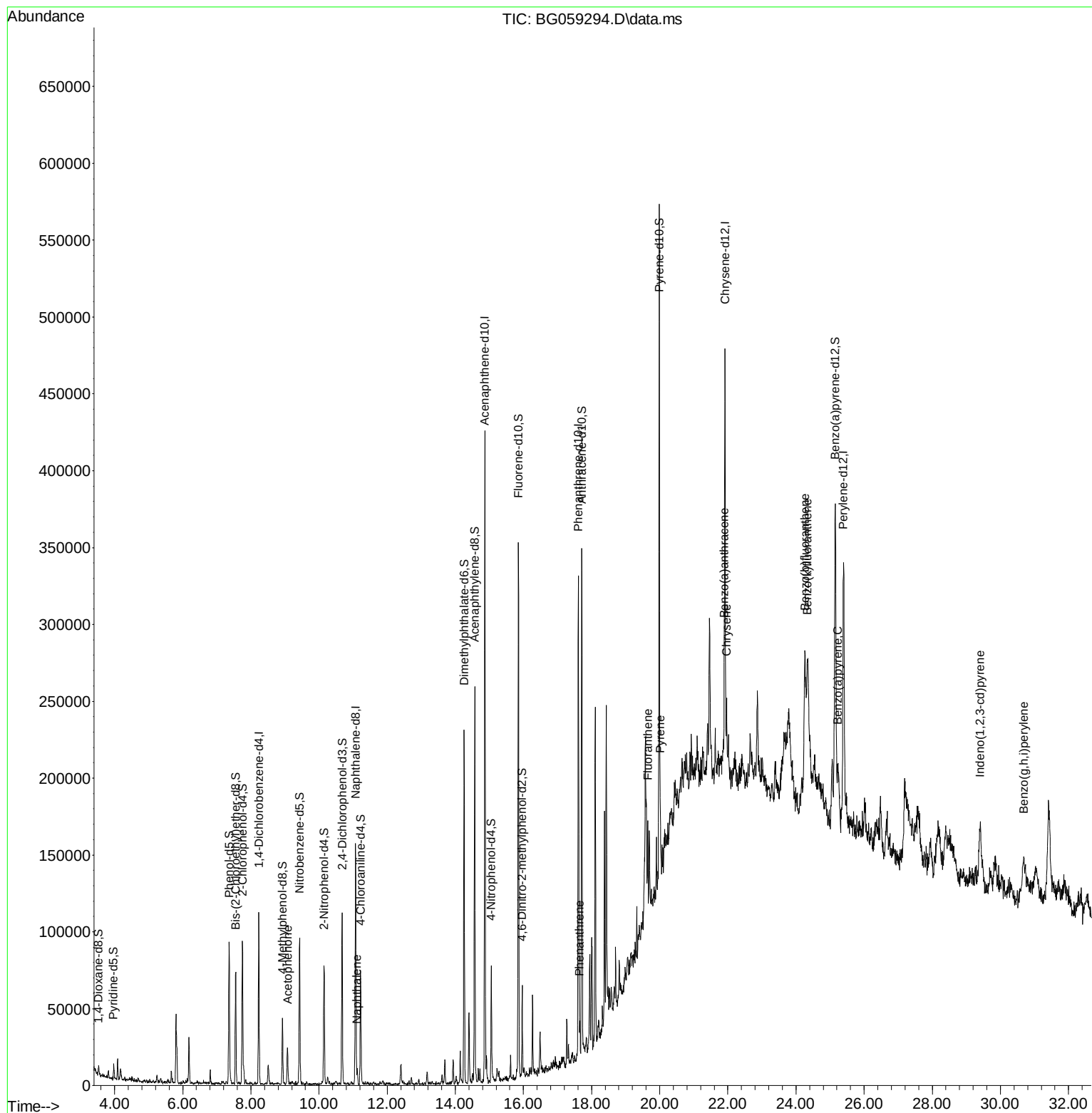
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059294.D
 Acq On : 5 Oct 2023 13:19
 Operator : MA/JU
 Sample : 04527-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYY7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 05 23:54:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration



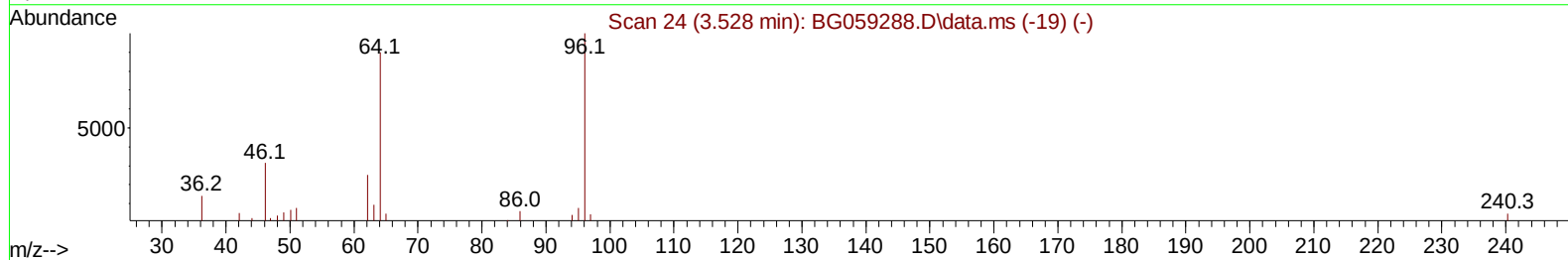
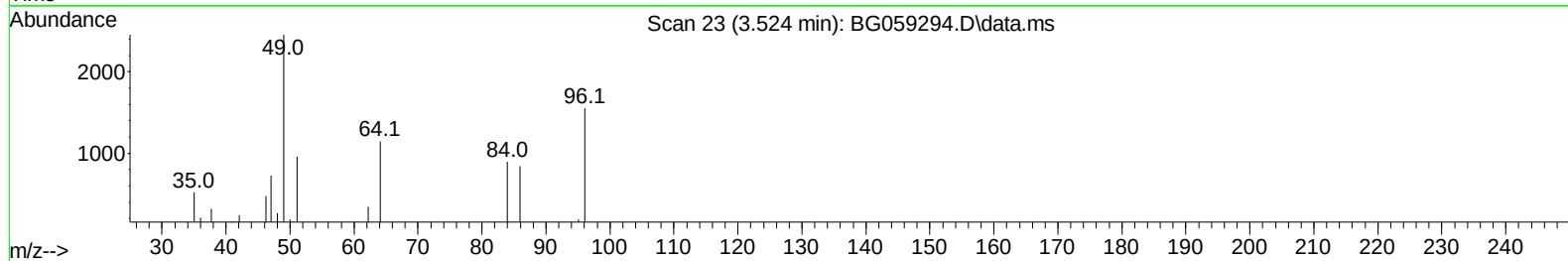
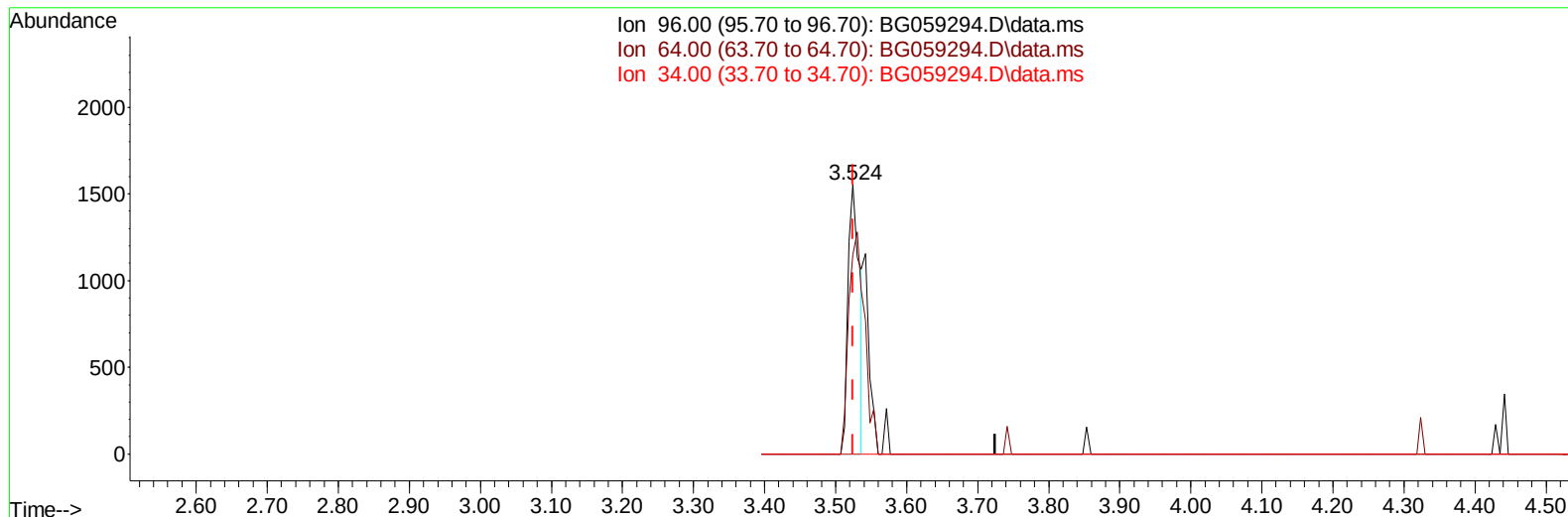
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Manual IntegrationsAPPROVED

Quant Time: Oct 05 22:38:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
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TIC: BG059294.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.524min (-0.001) 2.31 ng/uL

response 1812

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	79.20	73.94
34.00	0.00	0.00
0.00	0.00	0.00

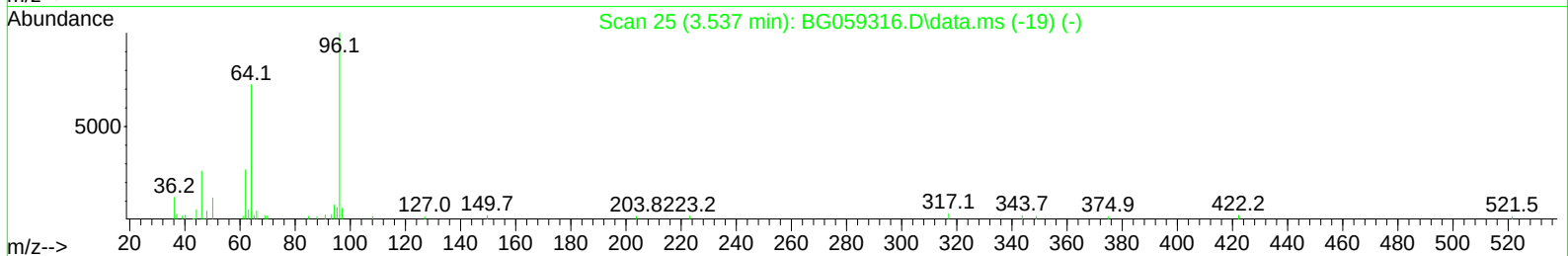
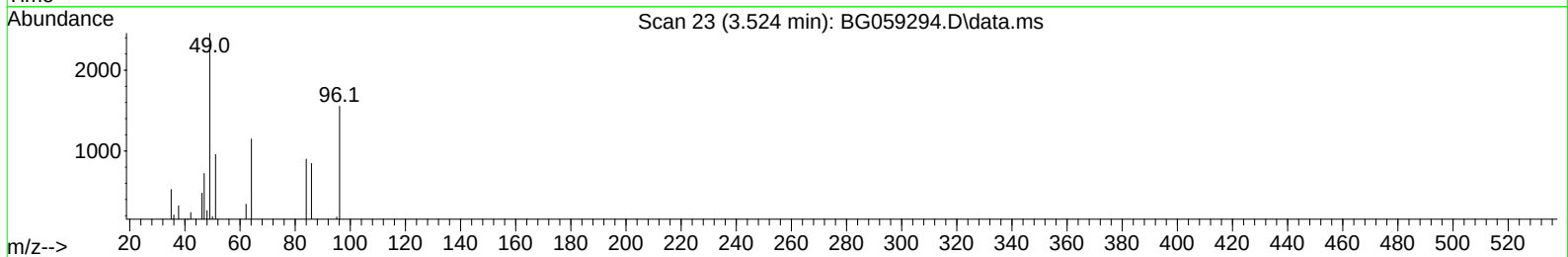
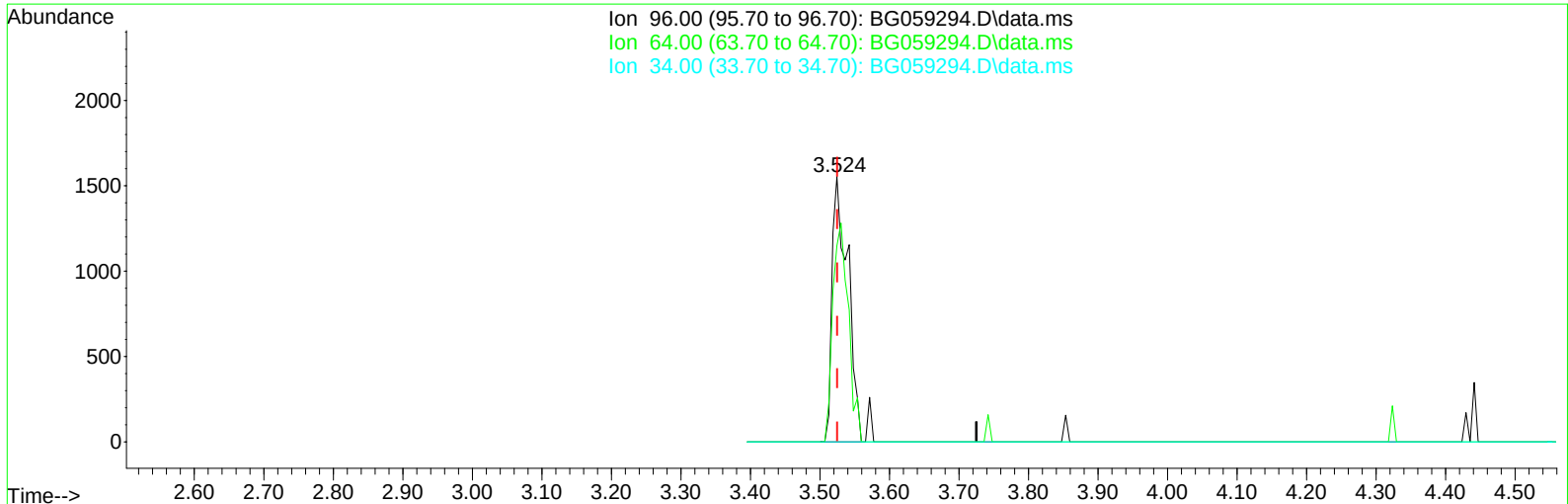
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Manual IntegrationsAPPROVED

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QLast Update : Thu Sep 28 04:33:25 2023
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TIC: BG059294.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.524min (-0.001) 3.13 ng/uL m

response 2461

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	79.20	73.94
34.00	0.00	0.00
0.00	0.00	0.00

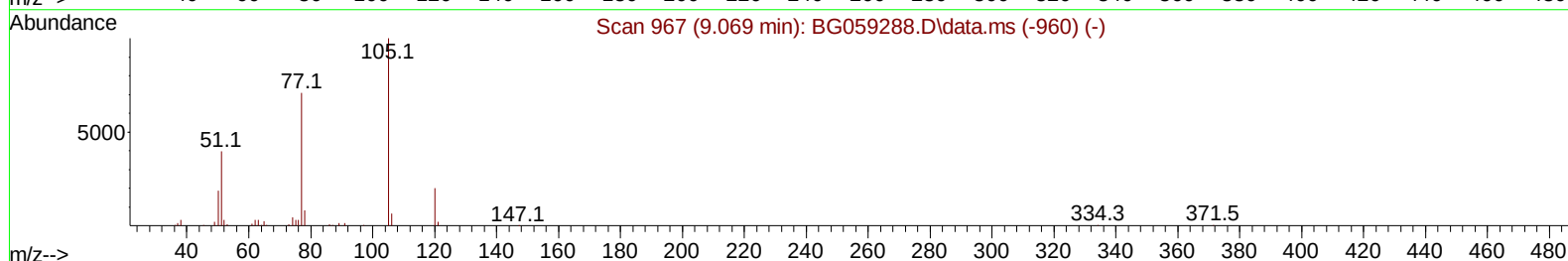
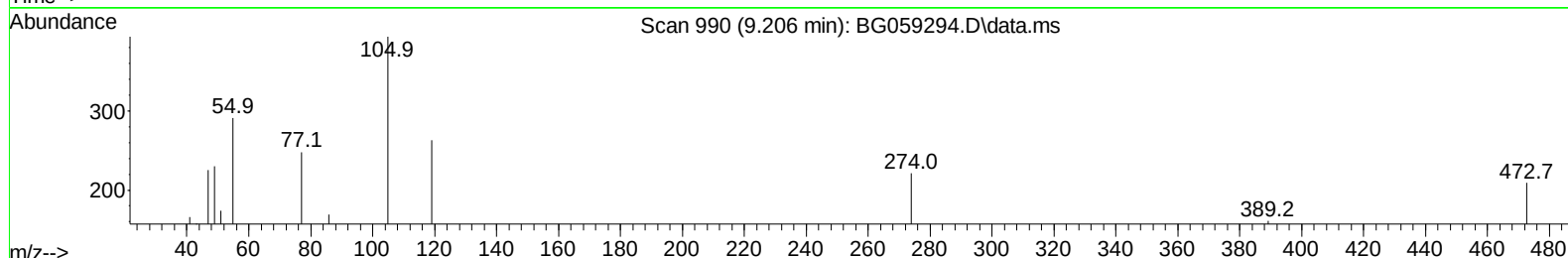
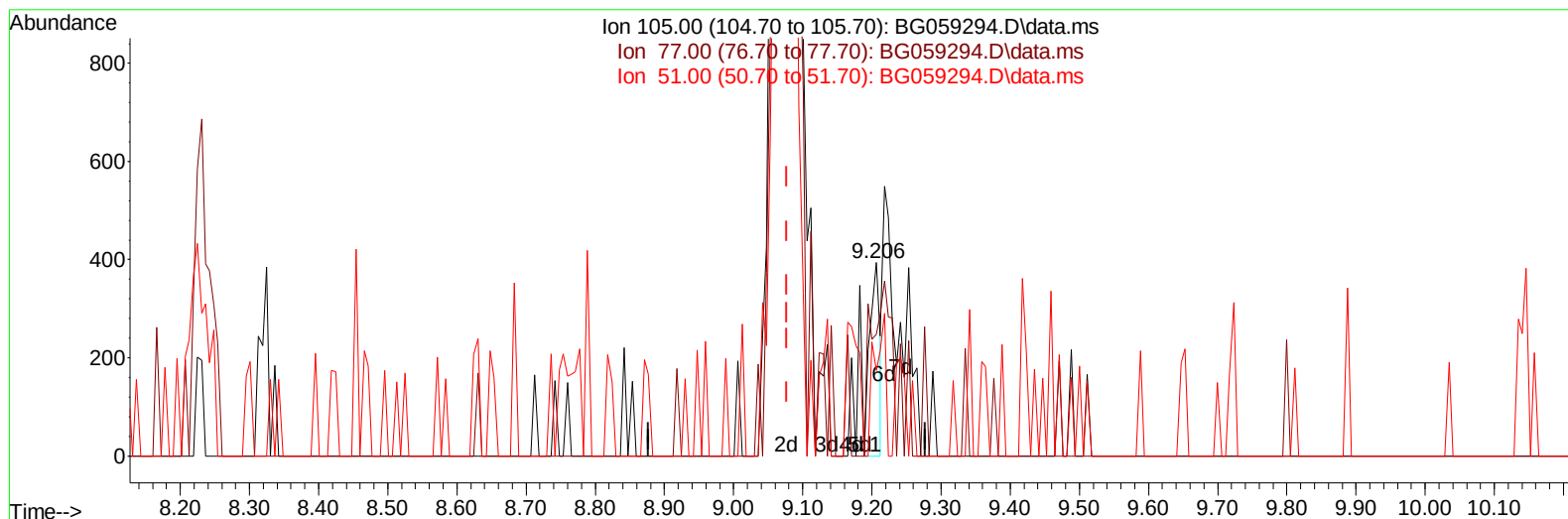
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TIC: BG059294.D\data.ms

(16) Acetophenone

9.206min (+ 0.129) 0.11 ng/u1

response 405

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	73.50	62.94
51.00	40.70	44.16
0.00	0.00	0.00

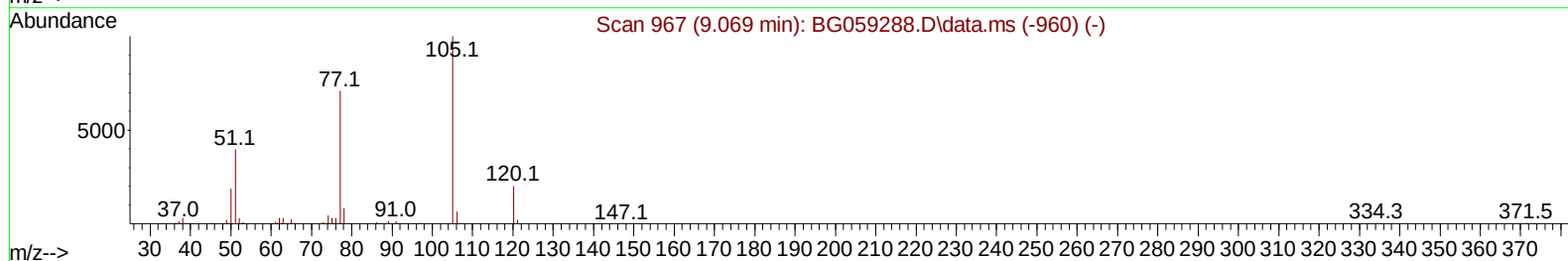
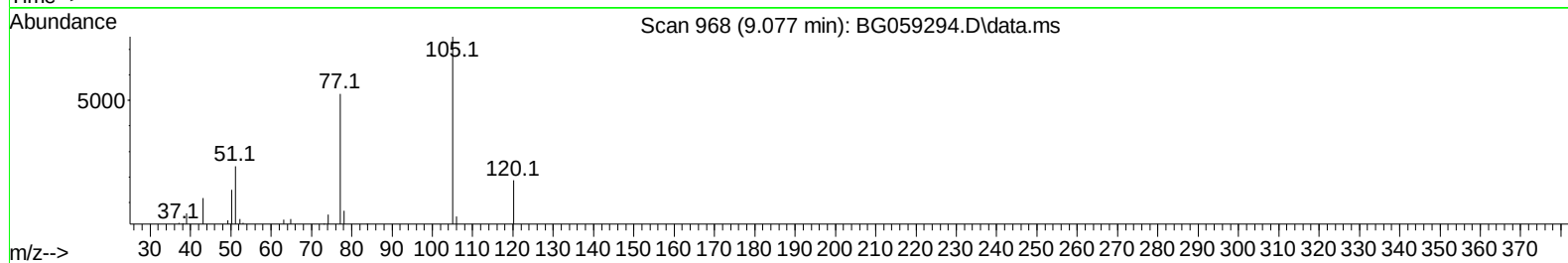
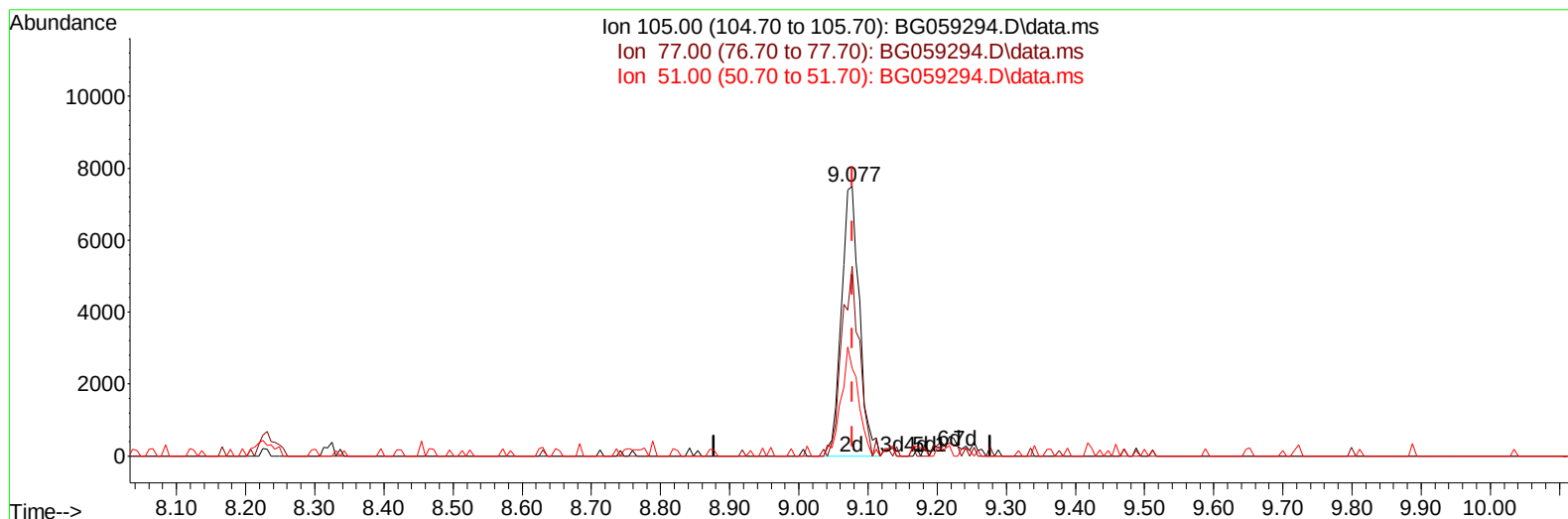
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Instrument :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 10/06/2023
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TIC: BG059294.D\data.ms

(16) Acetophenone

9.077min (-0.000) 3.81 ng/ul m

response 13558

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	73.50	70.29
51.00	40.70	32.41#
0.00	0.00	0.00

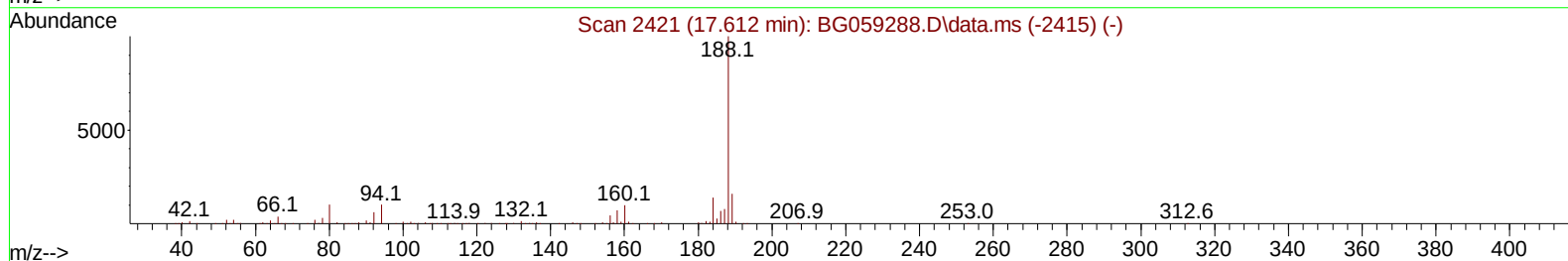
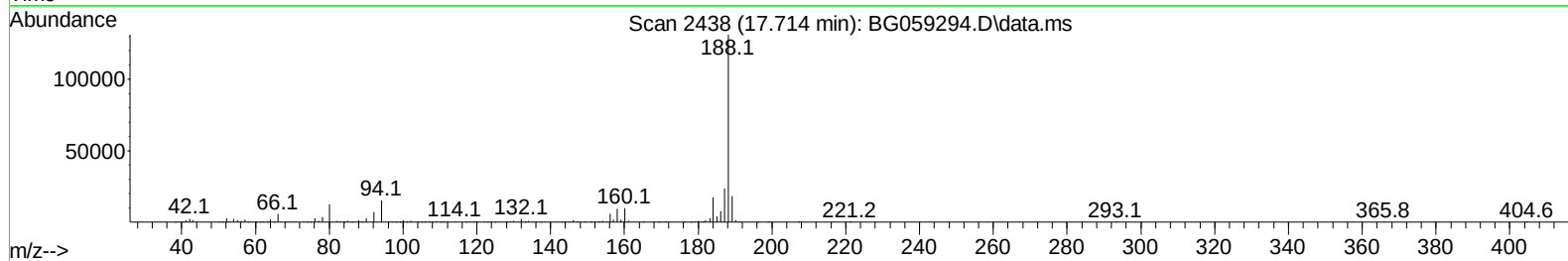
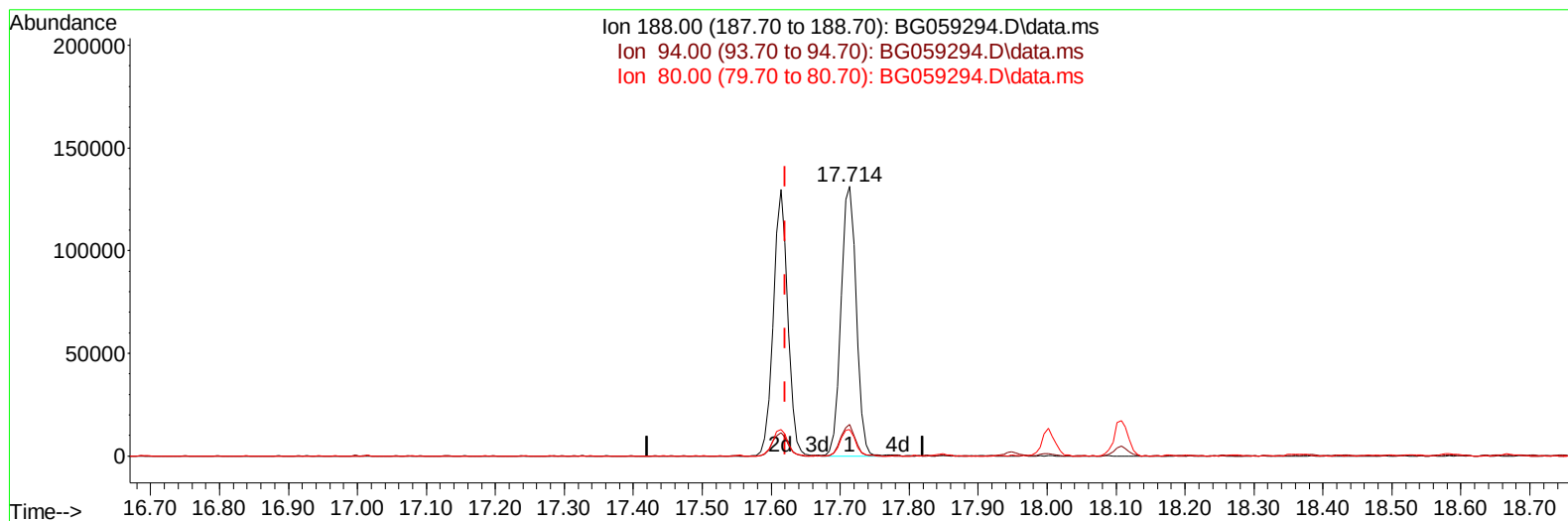
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059294.D
 Acq On : 5 Oct 2023 13:19
 Operator : MA/JU
 Sample : 04527-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG059294.D\data.ms

(64) Phenanthrene-d10 (I)

17.714min (+ 0.094) 20.00 ng/ul

response 199944

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.20	11.73
80.00	11.80	9.70
0.00	0.00	0.00

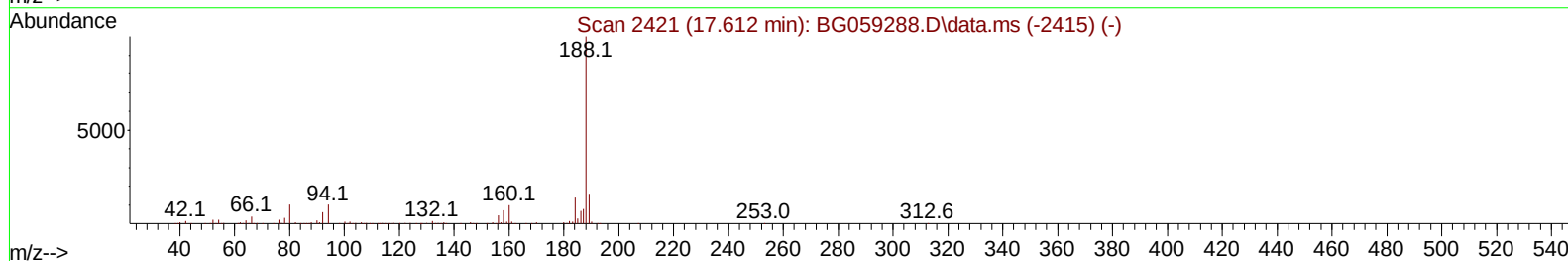
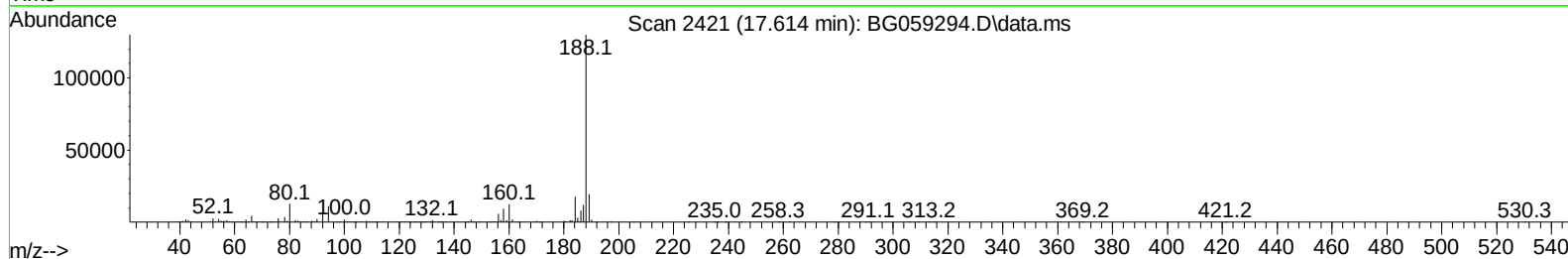
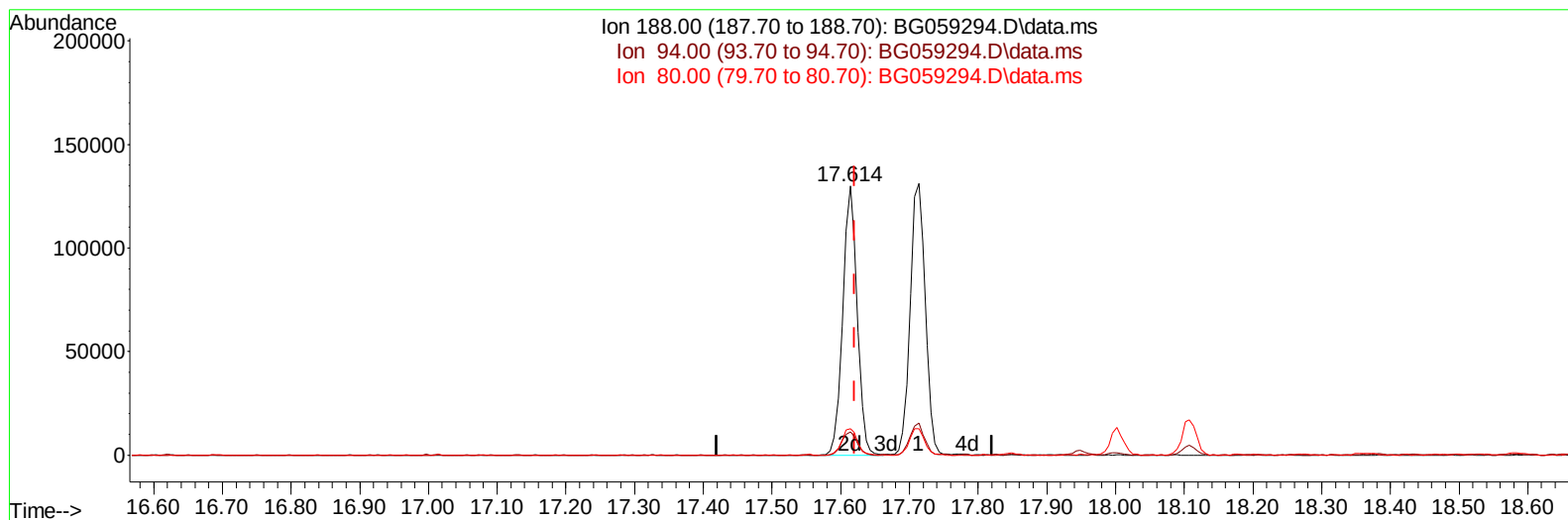
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
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 Operator : MA/JU
 Sample : 04527-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYY7

Manual IntegrationsAPPROVED

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TIC: BG059294.D\data.ms

(64) Phenanthrene-d10 (I)

17.614min (-0.006) 20.00 ng/ul m

response 188931

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.20	8.70#
80.00	11.80	9.84
0.00	0.00	0.00

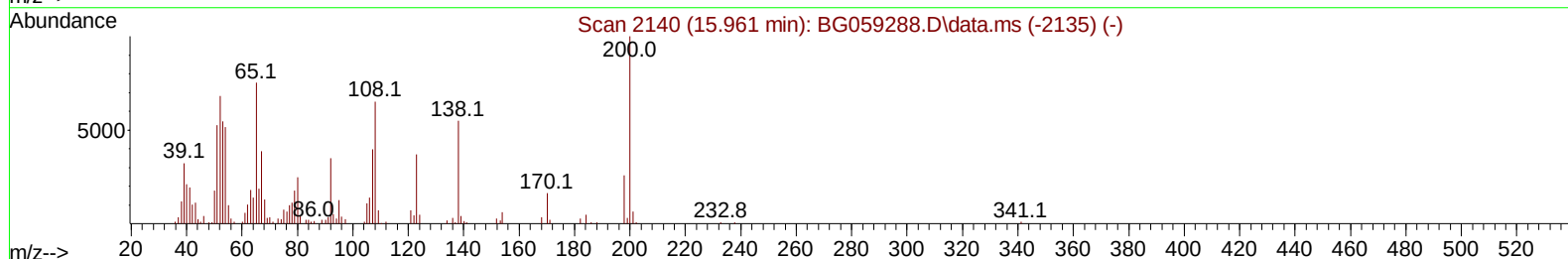
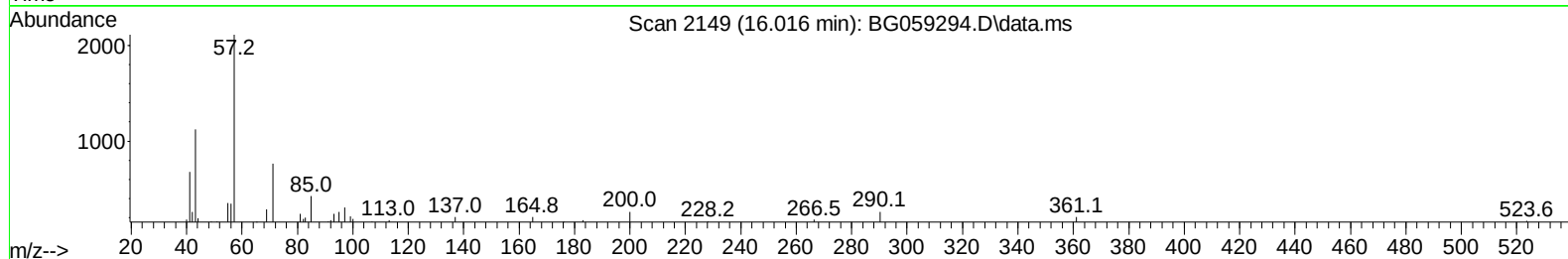
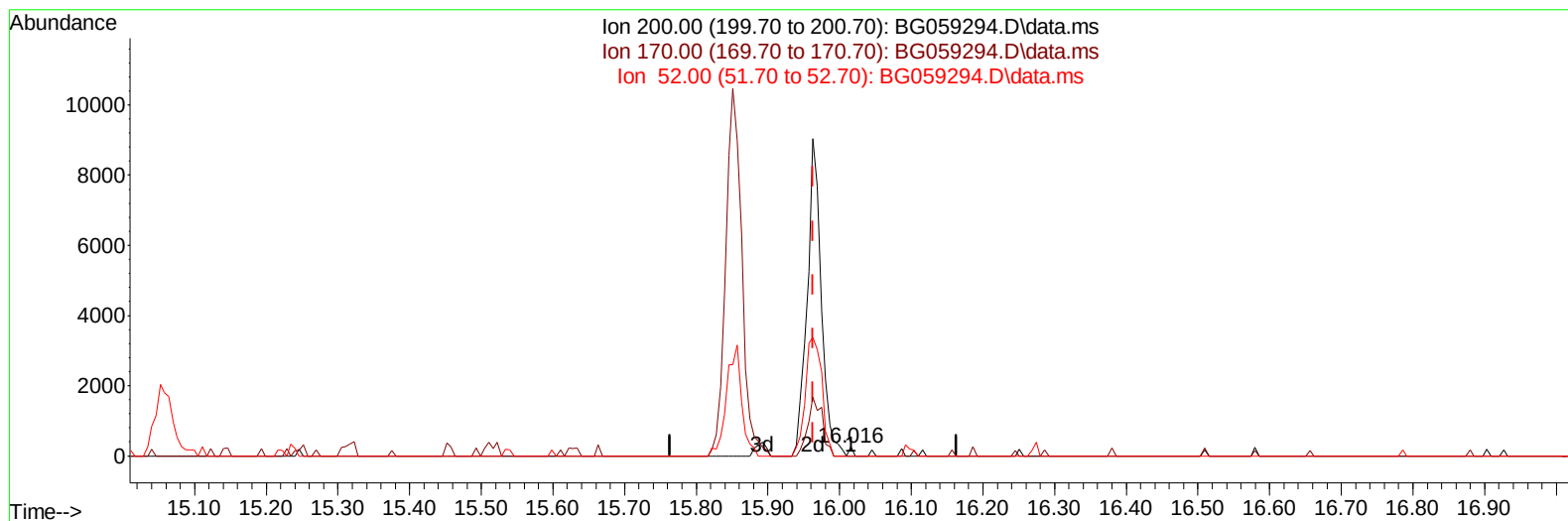
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 Data File : BG059294.D
 Acq On : 5 Oct 2023 13:19
 Operator : MA/JU
 Sample : 04527-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYY7

Manual IntegrationsAPPROVED

Quant Time: Oct 05 23:53:01 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
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Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/06/2023



TIC: BG059294.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

16.016min (+ 0.052) 0.09 ng/ul

response 91

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	0.00#
52.00	79.10	0.00#
0.00	0.00	0.00

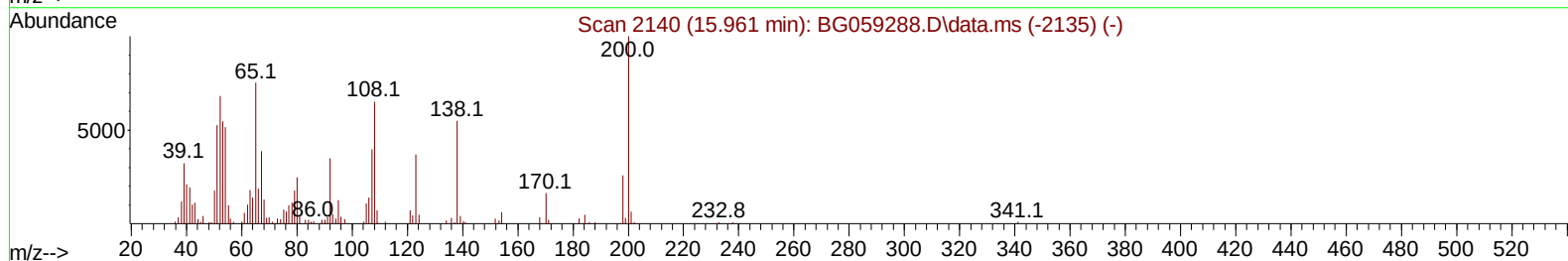
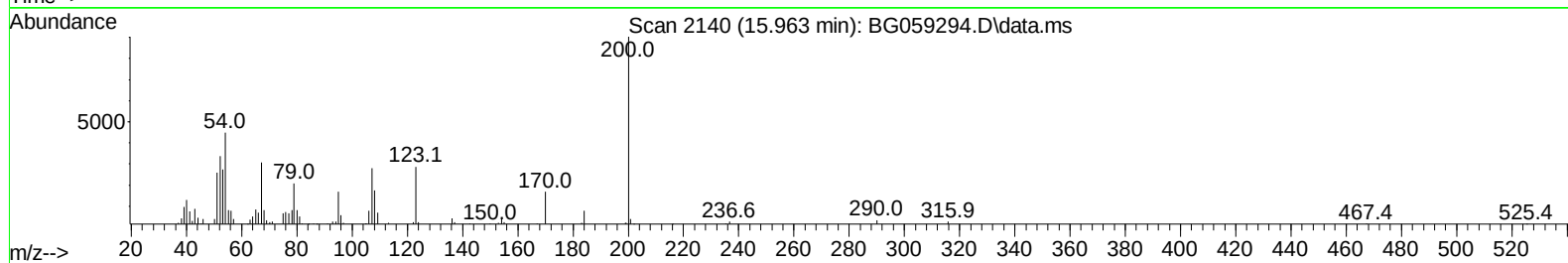
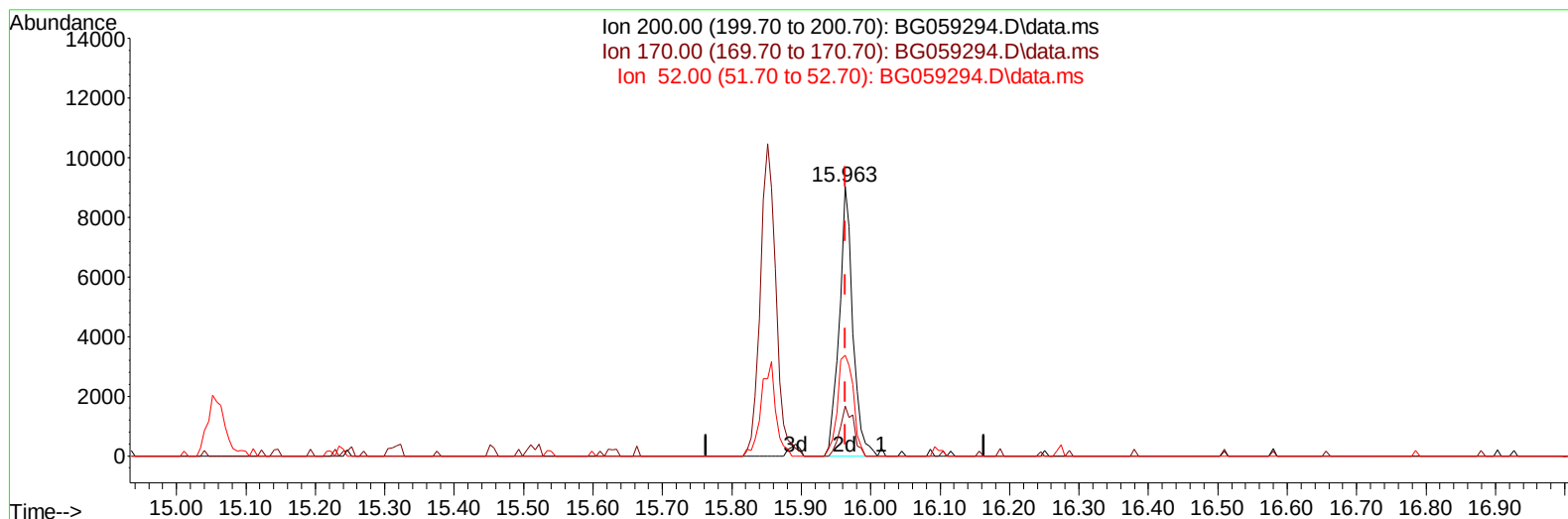
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 Data File : BG059294.D
 Acq On : 5 Oct 2023 13:19
 Operator : MA/JU
 Sample : 04527-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYY7

Manual IntegrationsAPPROVED

Quant Time: Oct 05 23:53:01 2023
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 Supervised By :mohammad ahmed 10/06/2023



TIC: BG059294.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.963min (-0.000) 12.75 ng/ul m

response 12382

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	21.60	18.56
52.00	79.10	37.46#
0.00	0.00	0.00

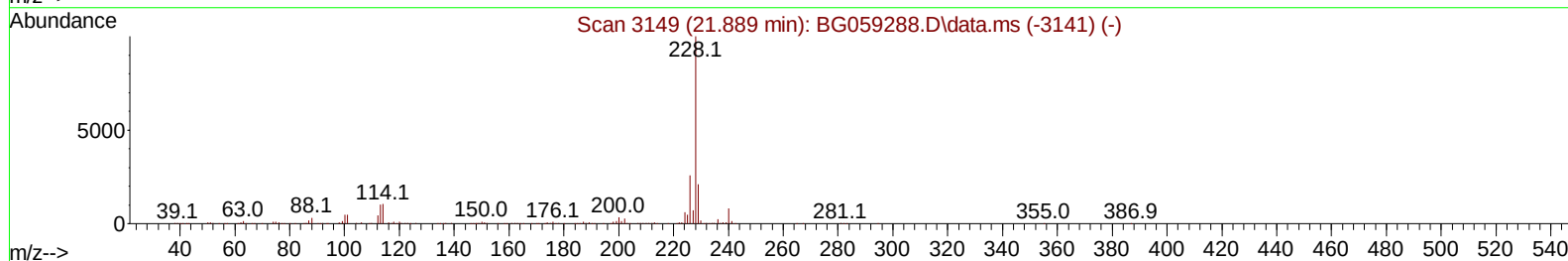
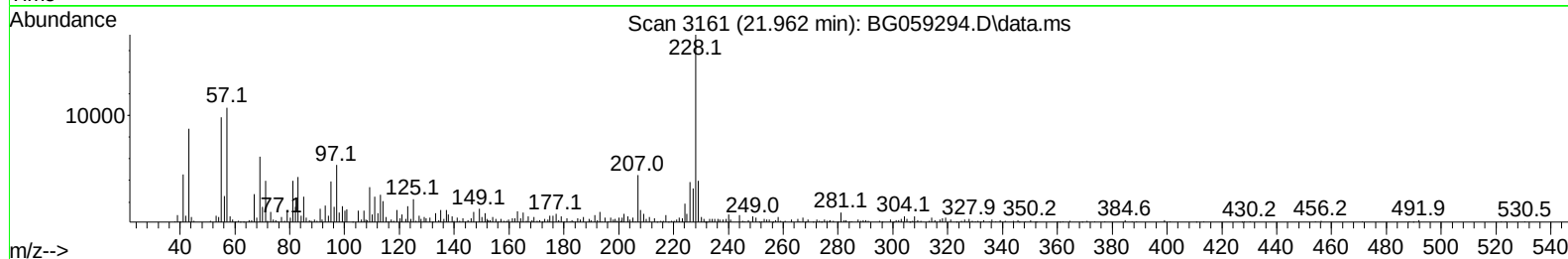
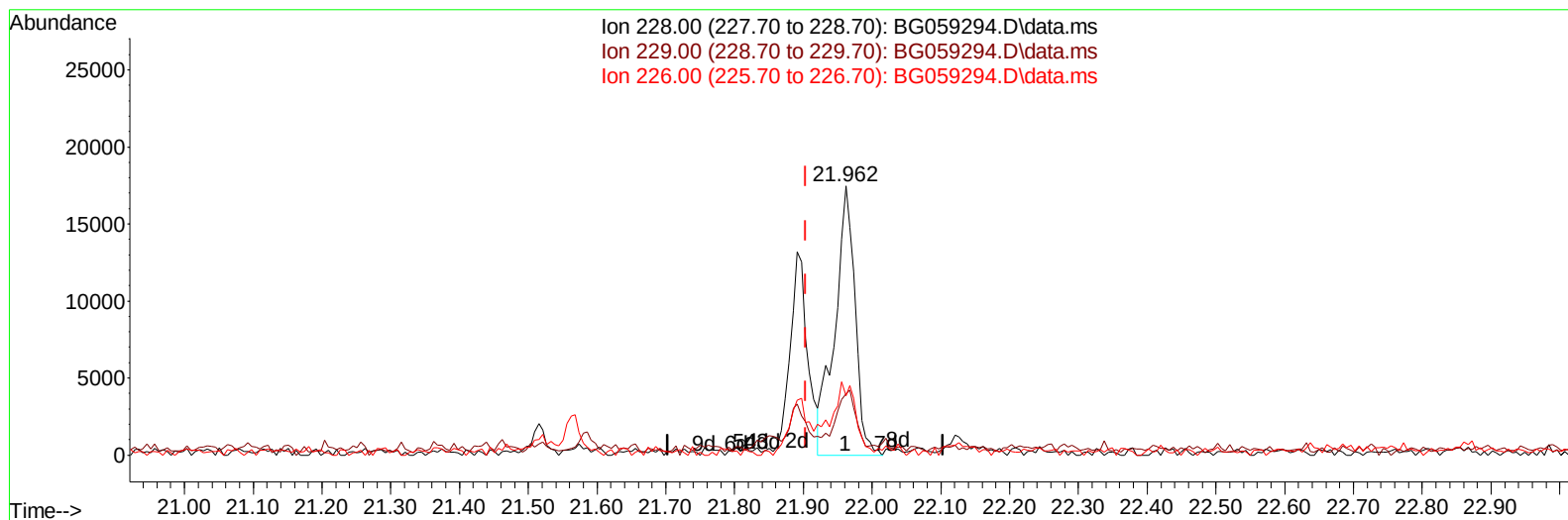
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG059294.D\data.ms

(85) Benzo(a)anthracene

21.962min (+ 0.058) 3.22 ng/ul

response 35796

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	22.82
226.00	26.80	22.00
0.00	0.00	0.00

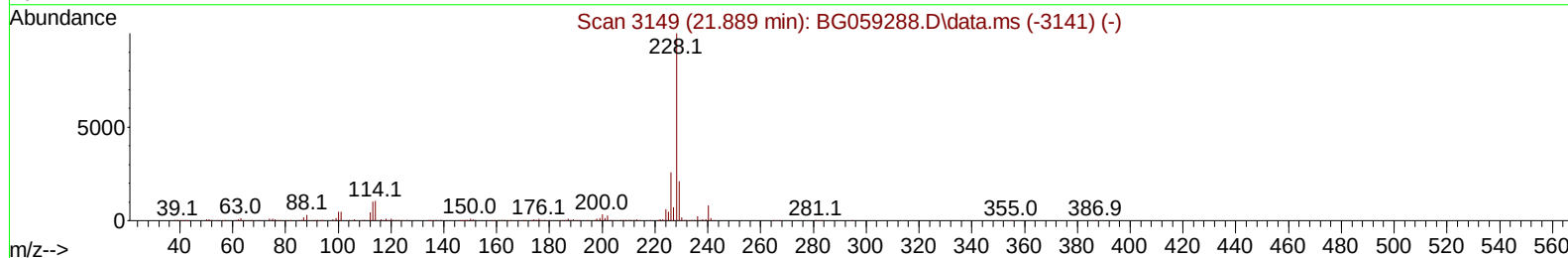
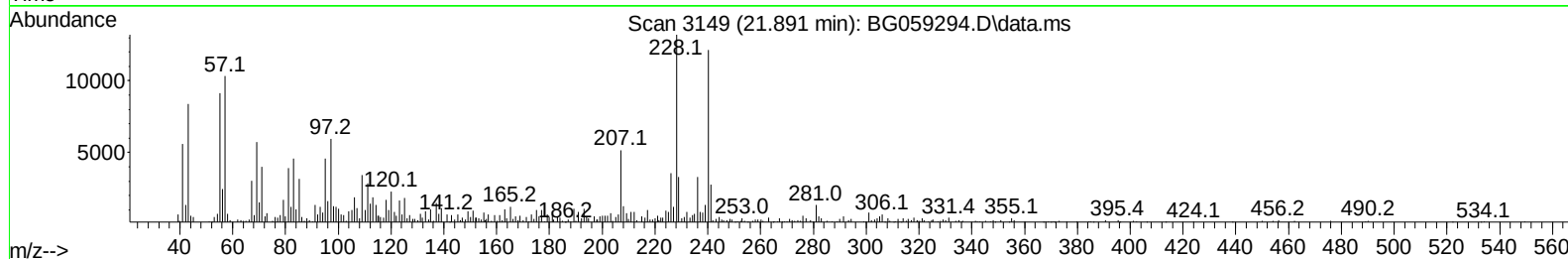
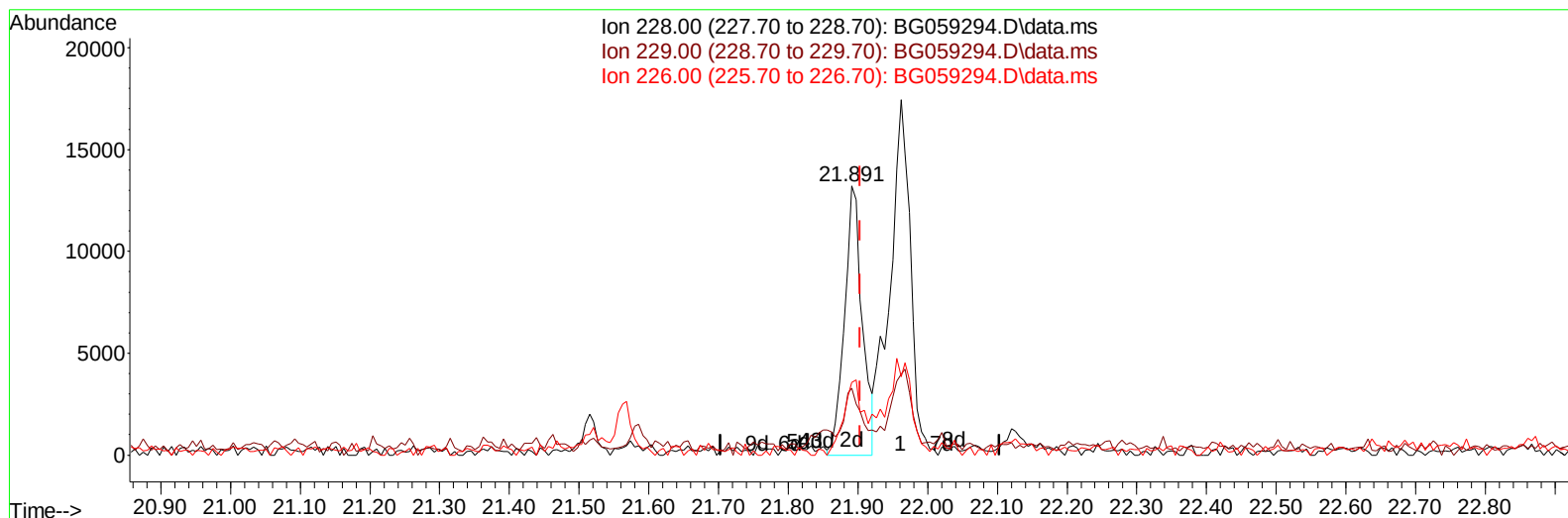
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TIC: BG059294.D\data.ms

(85) Benzo(a)anthracene

21.891min (-0.012) 2.10 ng/ul m

response 23427

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	25.01#
226.00	26.80	27.10
0.00	0.00	0.00

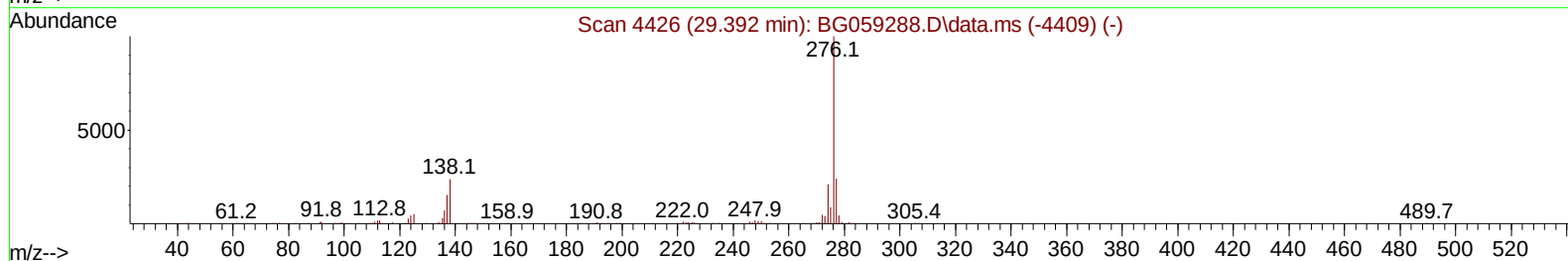
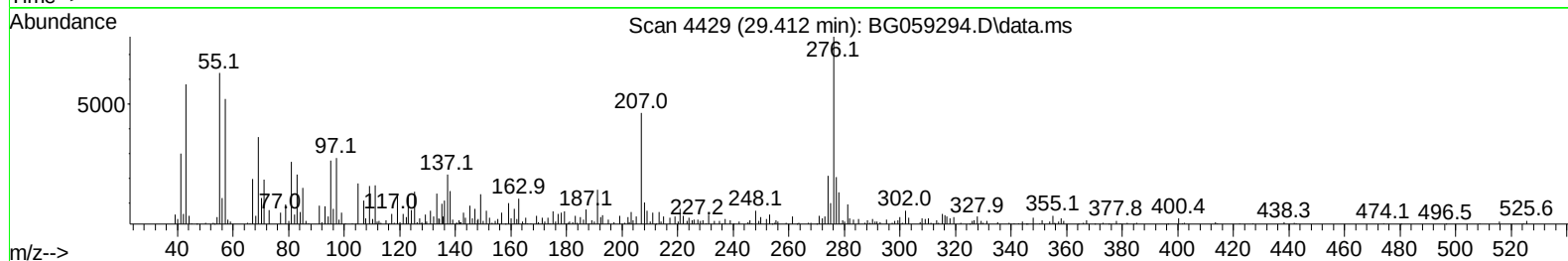
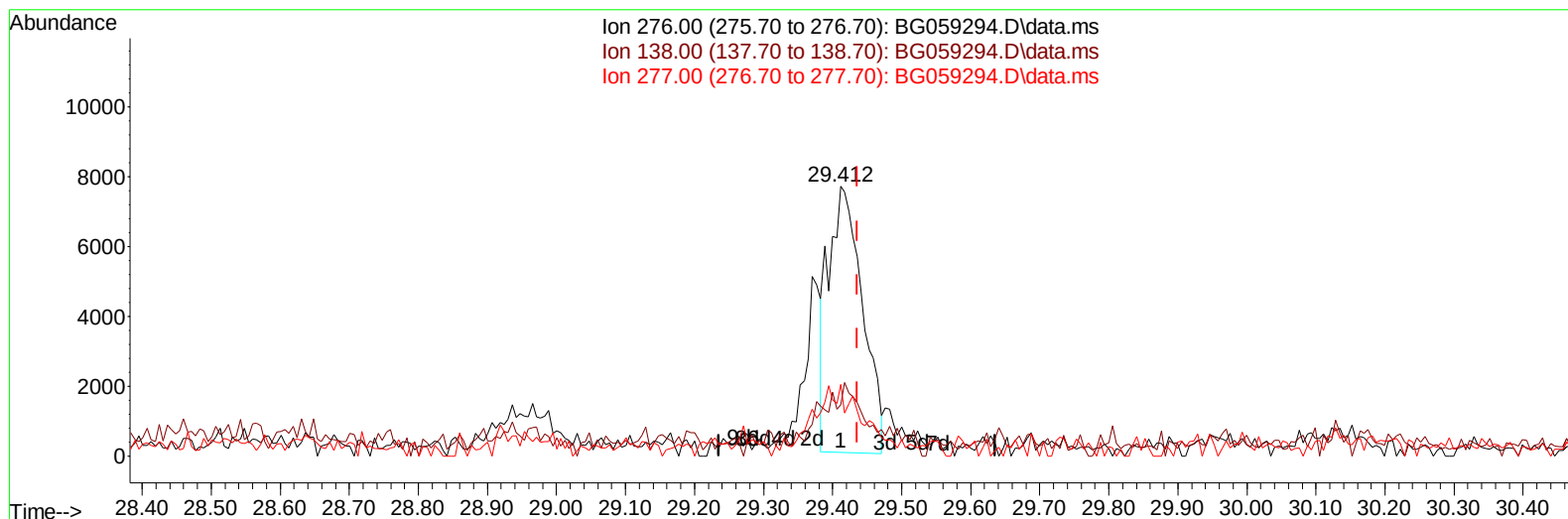
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TIC: BG059294.D\data.ms

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

29.412min (-0.024) 2.10 ng/u1

response 25918

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.30	19.09
277.00	23.30	26.60
0.00	0.00	0.00

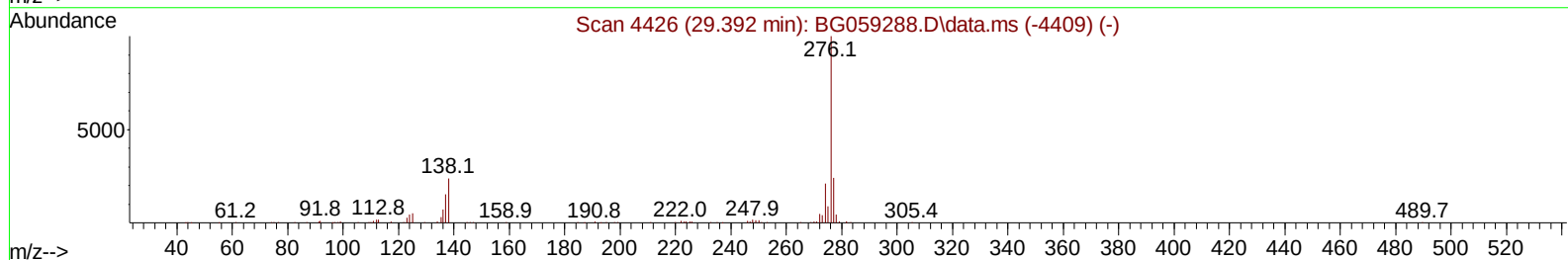
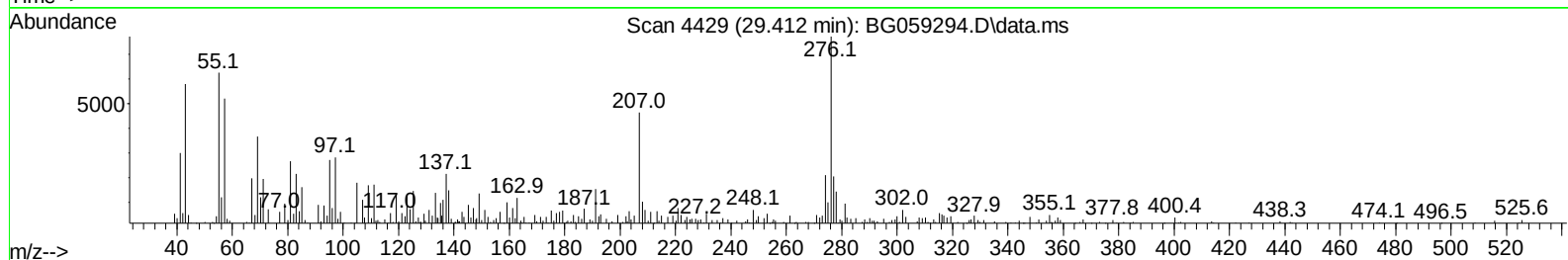
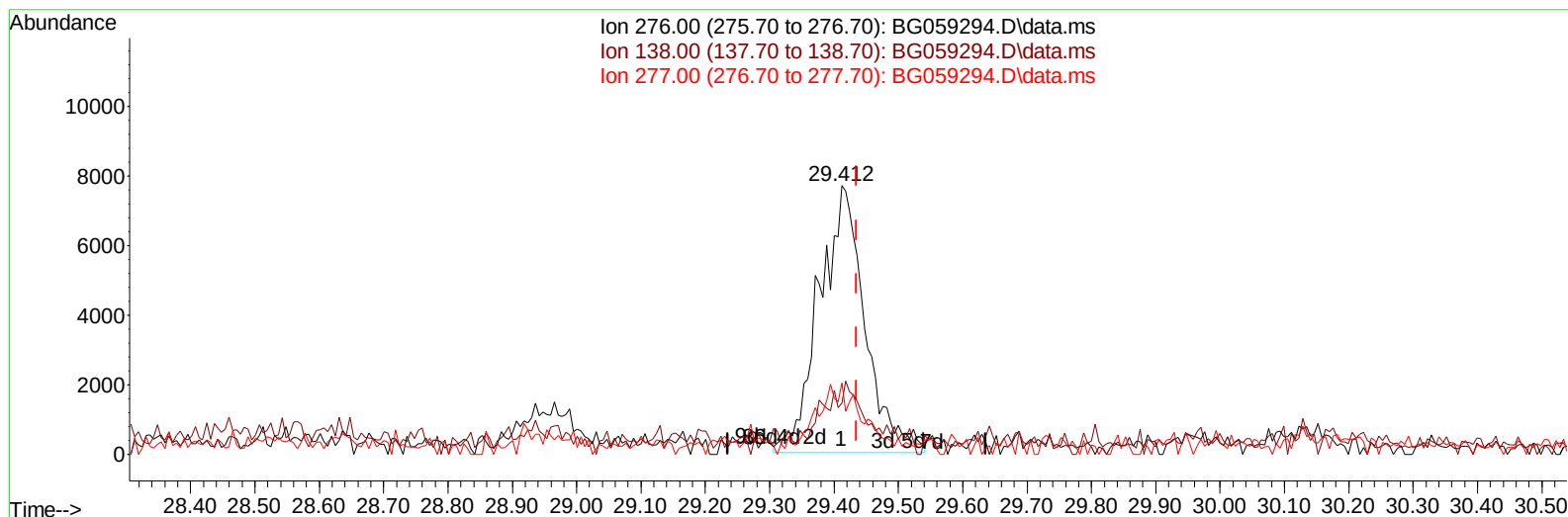
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Instrument :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 10/06/2023



TIC: BG059294.D\data.ms

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

29.412min (-0.024) 3.06 ng/ul m

response 37790

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.30	19.09
277.00	23.30	26.60
0.00	0.00	0.00

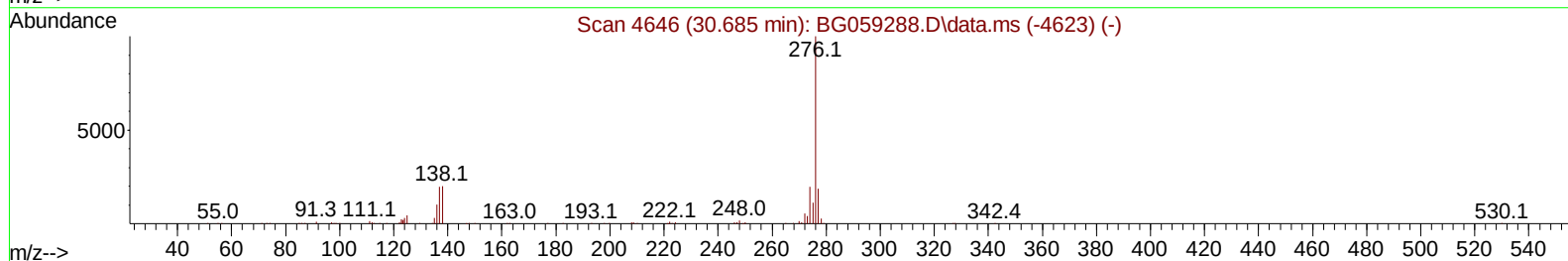
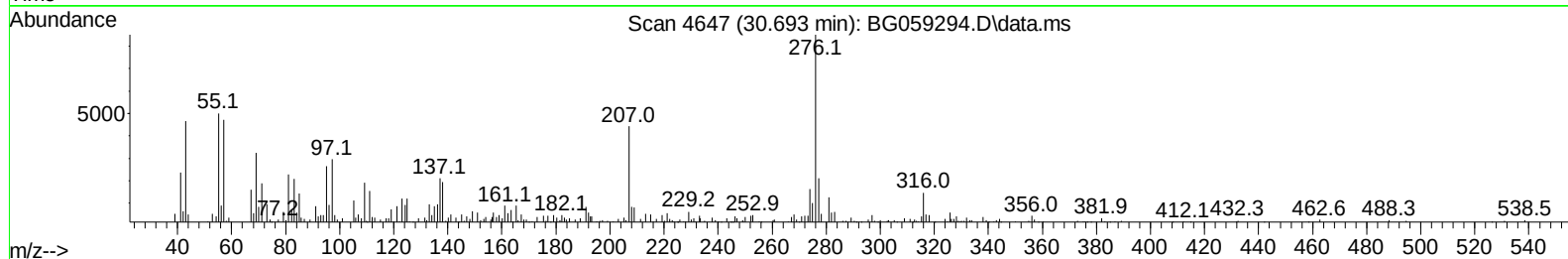
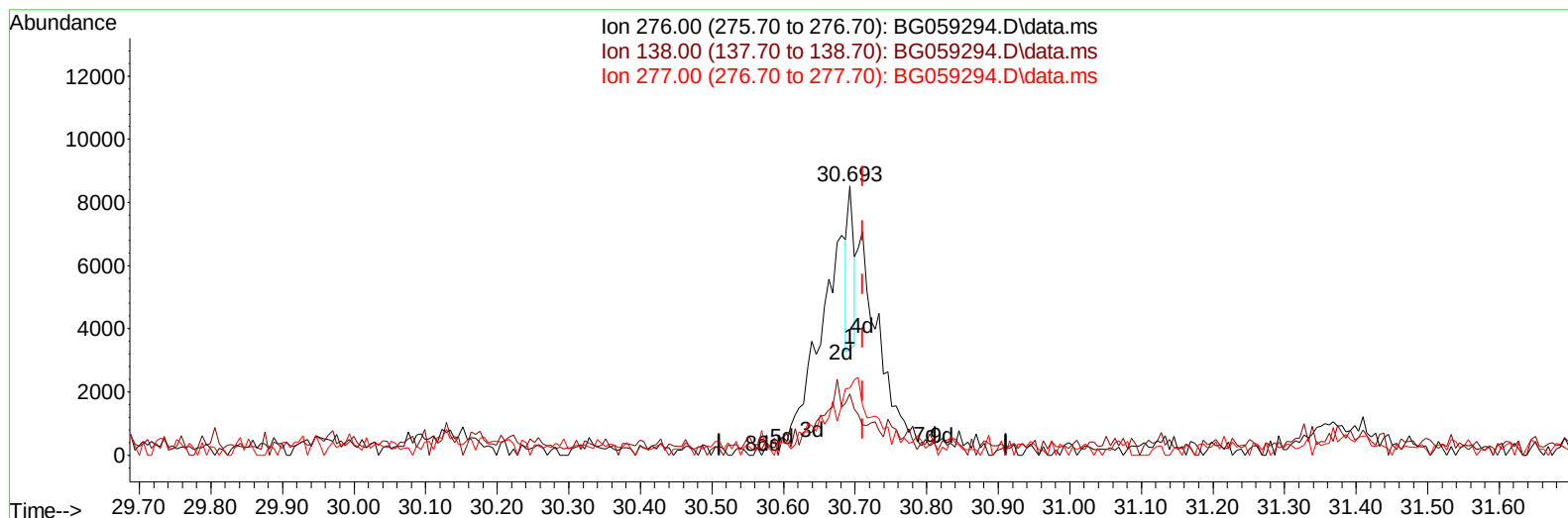
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Operator : MA/JU
Sample : 04527-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZY7

Manual IntegrationsAPPROVED

Quant Time: Oct 05 23:54:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
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Supervised By :mohammad ahmed 10/06/2023



TIC: BG059294.D\data.ms

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

30.693min (-0.018) 0.28 ng/u1

response 2837

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	22.68
277.00	25.00	24.84
0.00	0.00	0.00

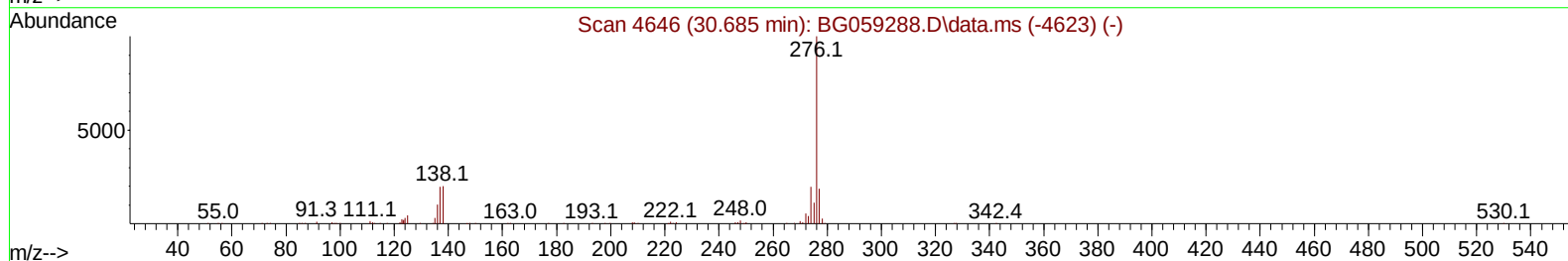
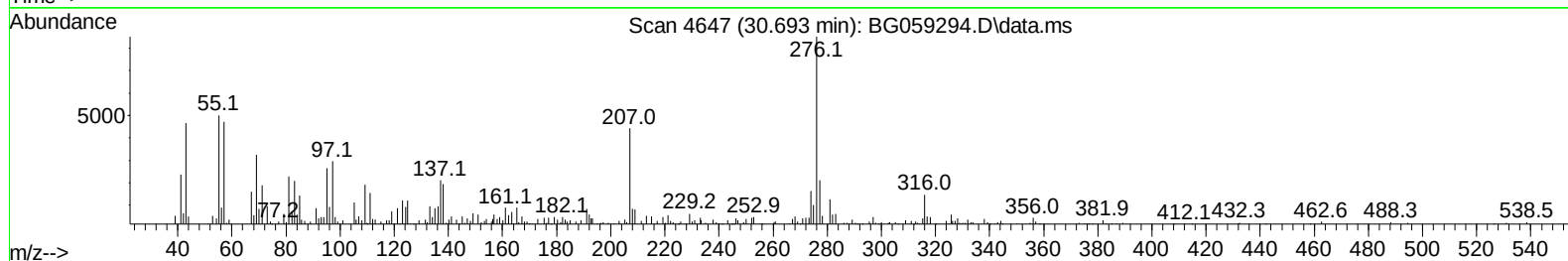
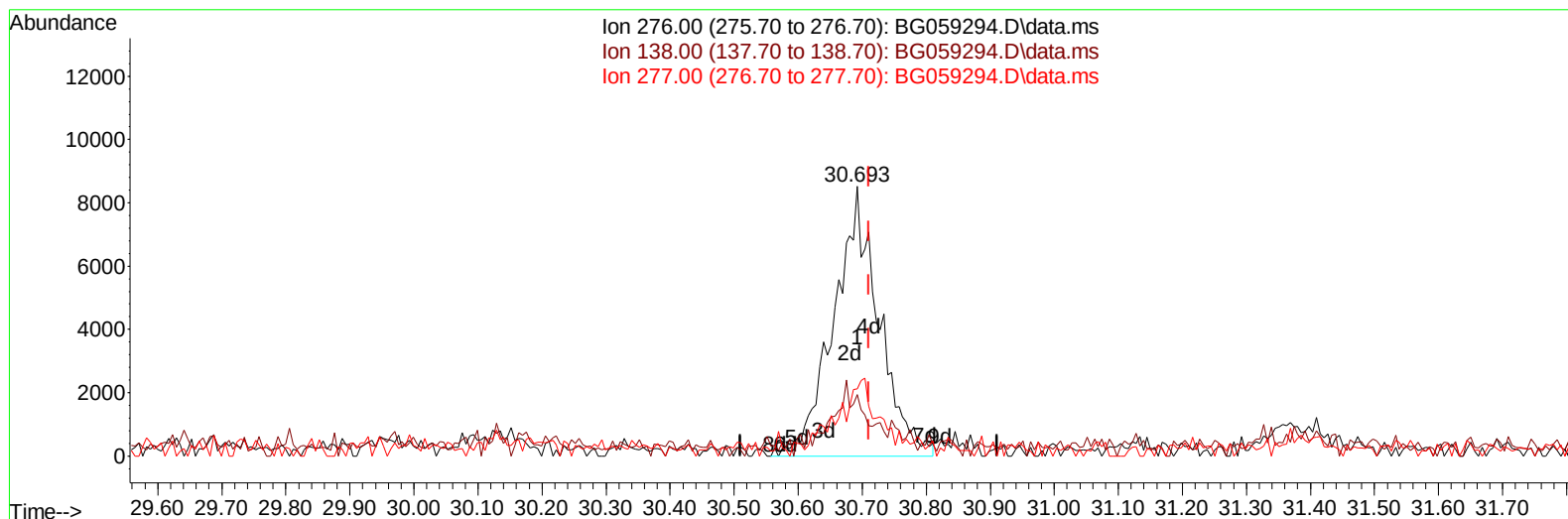
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059294.D
Acq On : 5 Oct 2023 13:19
Operator : MA/JU
Sample : 04527-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZY7

Manual IntegrationsAPPROVED

Quant Time: Oct 05 23:54:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



TIC: BG059294.D\data.ms

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

30.693min (-0.018) 4.12 ng/ul m

response 41351

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	22.68
277.00	25.00	24.84
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059294.D
 Acq On : 5 Oct 2023 13:19
 Operator : MA/JU
 Sample : 04527-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYY7

Manual IntegrationsAPPROVED

Quant Time: Oct 05 23:54:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	29665	20.000	ng/ul	0.00
20) Naphthalene-d8	11.074	136	140696	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.864	164	89664	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.614	188	188931m	20.000	ng/ul	0.00
79) Chrysene-d12	21.915	240	158115	20.000	ng/ul	0.00
88) Perylene-d12	25.393	264	187663	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.524	96	2461m	3.131	ng/uL	0.00
4) Pyridine-d5	3.971	84	4600	2.006	ng/ul	0.00
7) Phenol-d5	7.361	99	55719	18.764	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.549	67	34825	18.359	ng/ul	0.00
11) 2-Chlorophenol-d4	7.749	132	43339	21.712	ng/ul	0.00
15) 4-Methylphenol-d8	8.930	113	16543	7.207	ng/ul	0.00
21) Nitrobenzene-d5	9.429	128	23711	23.882	ng/ul	0.00
24) 2-Nitrophenol-d4	10.152	143	26732	27.427	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.681	165	42189	21.071	ng/ul	0.00
31) 4-Chloroaniline-d4	11.221	131	43467	13.418	ng/ul	0.00
46) Dimethylphthalate-d6	14.259	166	150829	23.266	ng/ul	0.00
49) Acenaphthylene-d8	14.570	160	185669	22.818	ng/ul	0.00
54) 4-Nitrophenol-d4	15.058	143	19362	17.103	ng/ul	0.00
60) Fluorene-d10	15.851	176	147744	23.945	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.963	200	12382m	12.750	ng/ul	0.00
73) Anthracene-d10	17.714	188	199944	23.226	ng/ul	0.00
81) Pyrene-d10	19.988	212	230815	26.067	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.152	264	221395	24.550	ng/ul	-0.01
Target Compounds						
						Qvalue
16) Acetophenone	9.077	105	13558m	3.814	ng/ul	
30) Naphthalene	11.121	128	8785	1.165	ng/ul#	90
72) Phenanthrene	17.655	178	13824	1.333	ng/ul	98
80) Fluoranthene	19.653	202	34011	3.118	ng/ul#	93
82) Pyrene	20.017	202	28346	2.453	ng/ul#	93
85) Benzo(a)anthracene	21.891	228	23427m	2.105	ng/ul	
87) Chrysene	21.962	228	35796	3.405	ng/ul#	89
90) Benzo(b)fluoranthene	24.271	252	66637	5.798	ng/ul#	91
91) Benzo(k)fluoranthene	24.335	252	17921	1.539	ng/ul#	73
93) Benzo(a)pyrene	25.228	252	31995	2.934	ng/ul#	78
94) Indeno(1,2,3-cd)pyrene	29.412	276	37790m	3.062	ng/ul	
96) Benzo(g,h,i)perylene	30.693	276	41351m	4.120	ng/ul	

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