

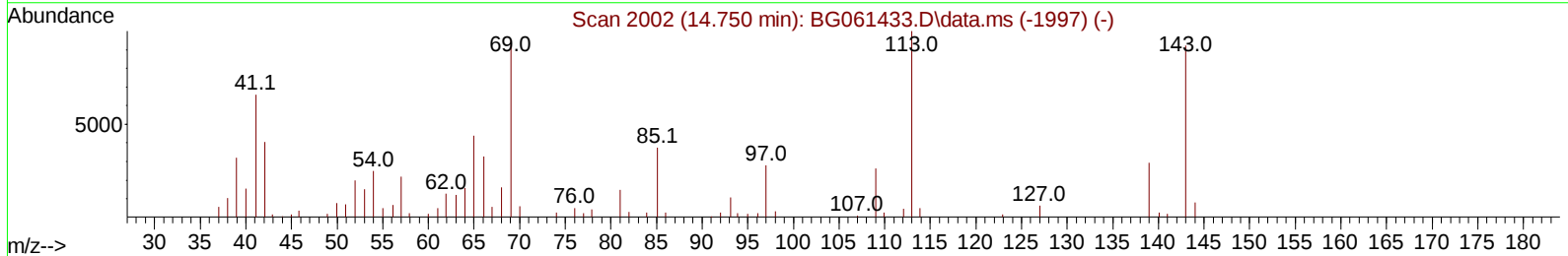
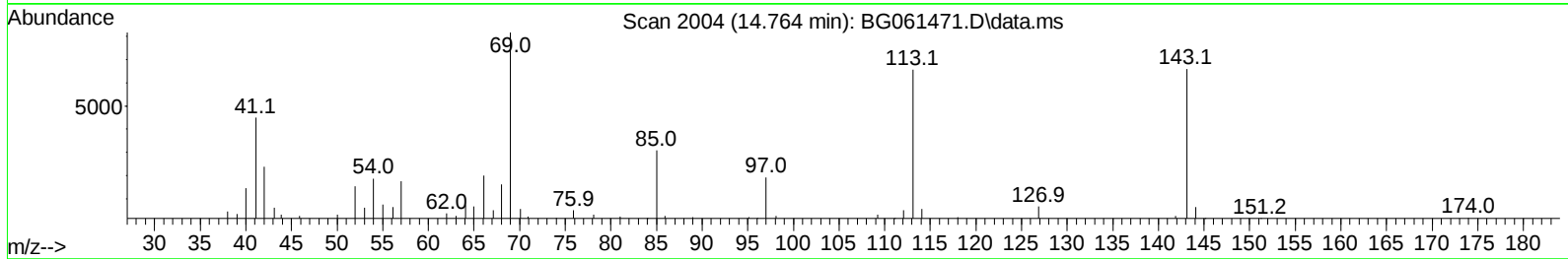
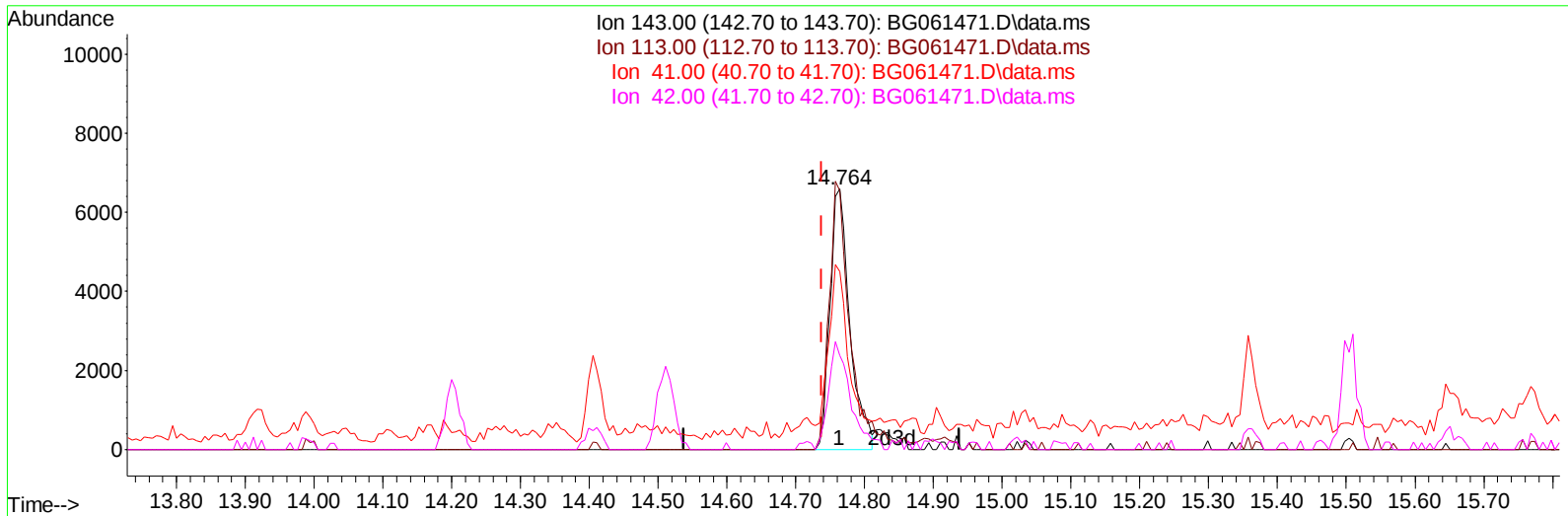
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061471.D
 Acq On : 5 Jun 2024 1:50
 Operator : MA/JU
 Sample : P2591-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T1

Manual IntegrationsAPPROVED

Quant Time: Jun 05 02:25:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061471.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.764min (+ 0.026) 17.37 ng/u1

response 13211

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	99.38
41.00	77.10	68.23
42.00	49.50	36.00#

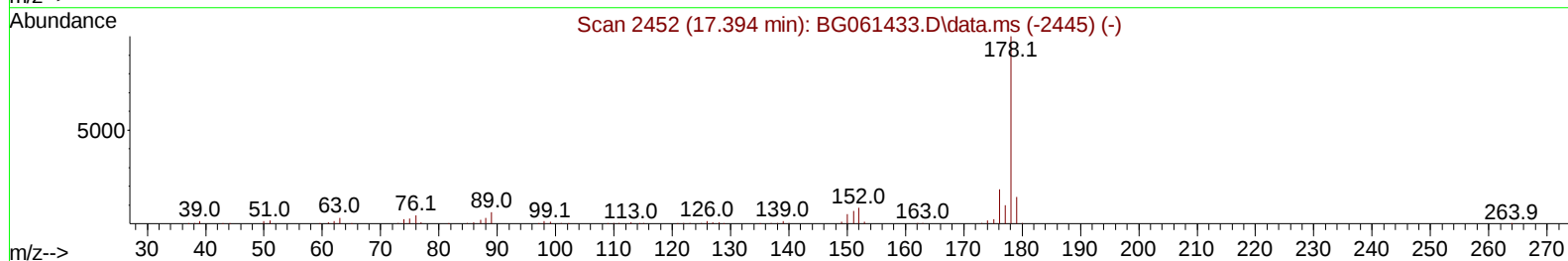
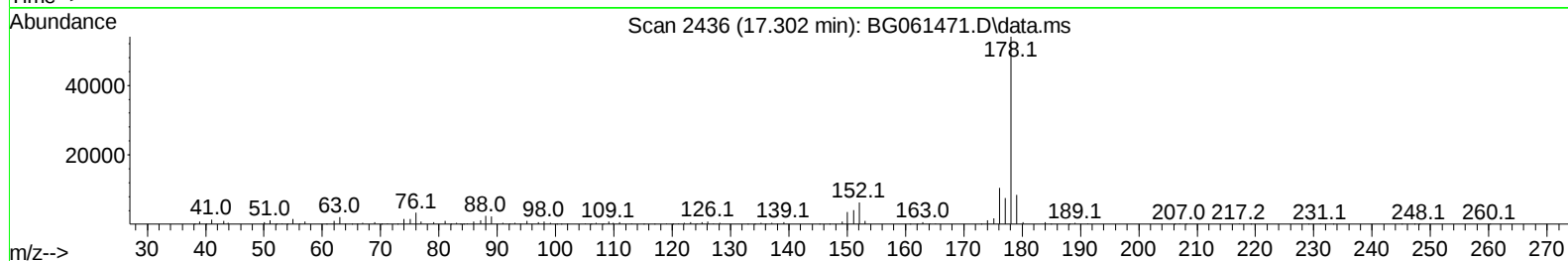
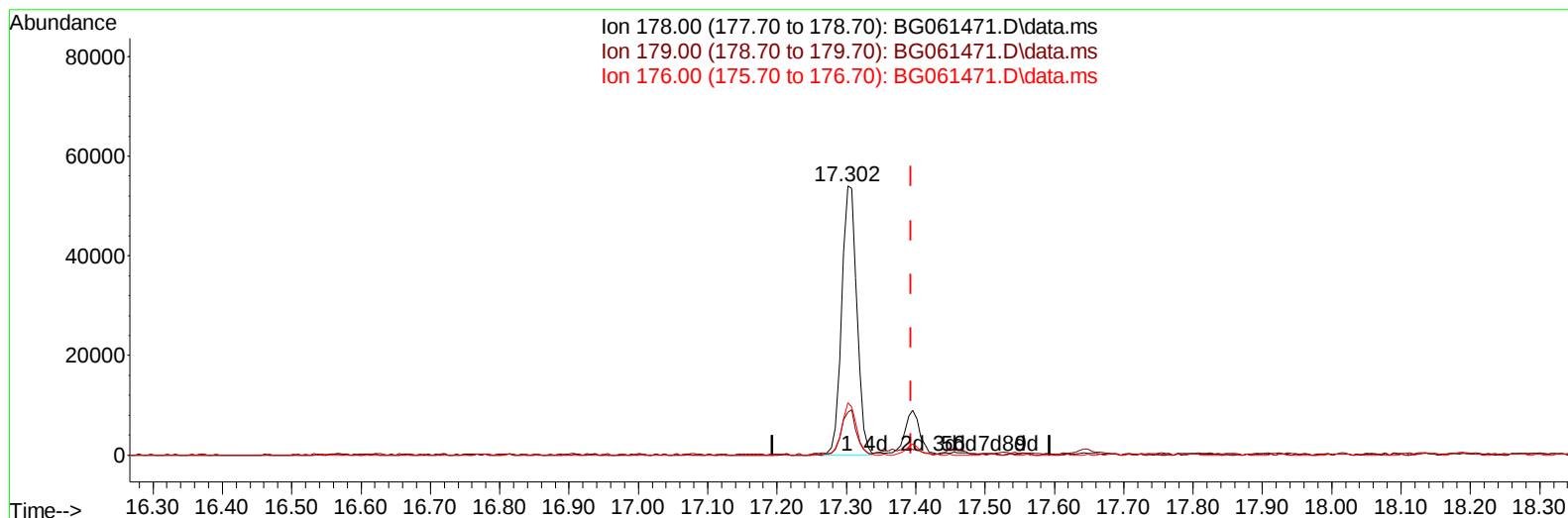
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061471.D
Acq On : 5 Jun 2024 1:50
Operator : MA/JU
Sample : P2591-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T1

Manual IntegrationsAPPROVED

Quant Time: Jun 05 02:26:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 06/05/2024
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TIC: BG061471.D\data.ms

(74) Anthracene

17.302min (-0.092) 8.36 ng/u1

response 82367

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	15.94
176.00	18.60	19.52
0.00	0.00	0.00

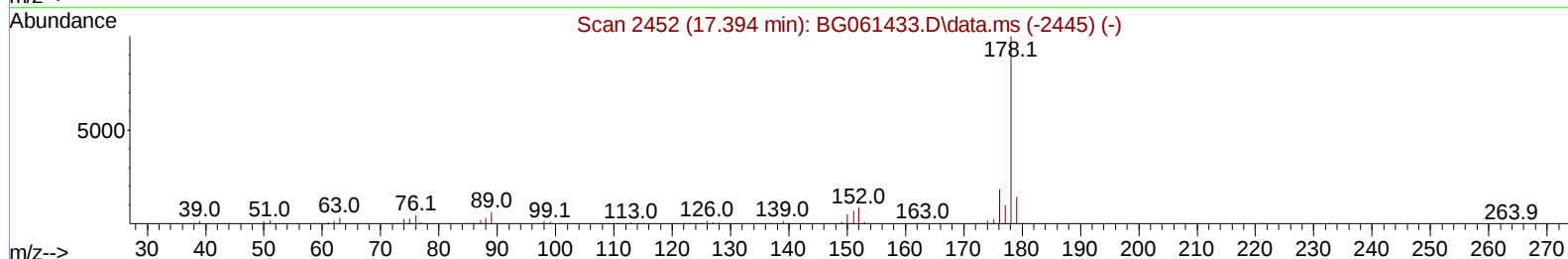
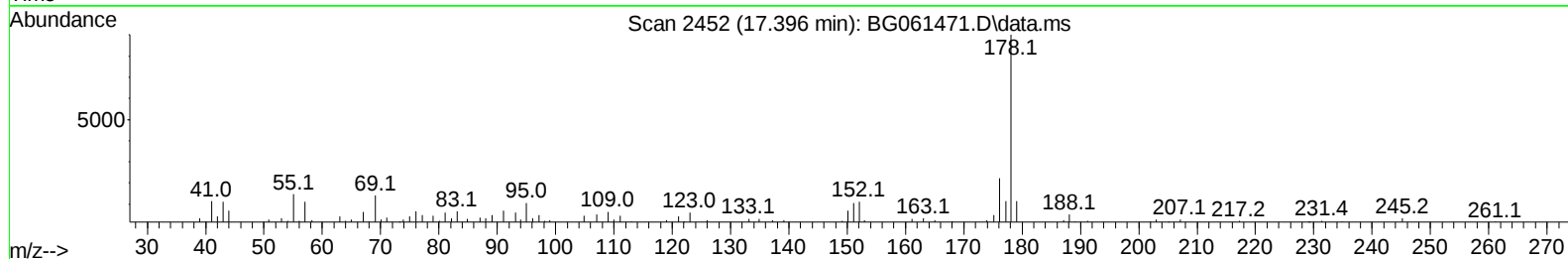
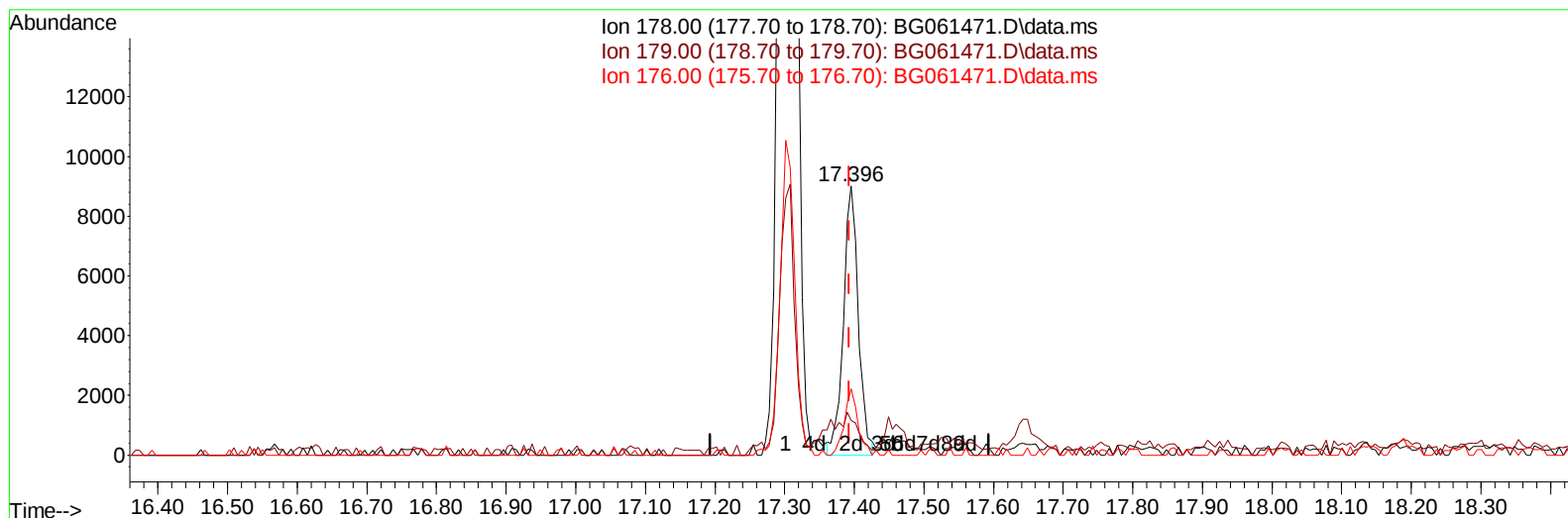
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061471.D
Acq On : 5 Jun 2024 1:50
Operator : MA/JU
Sample : P2591-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T1

Manual IntegrationsAPPROVED

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TIC: BG061471.D\data.ms

(74) Anthracene

17.396min (+ 0.002) 1.37 ng/u1 m

response 13486

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.70	12.86
176.00	18.60	24.64#
0.00	0.00	0.00

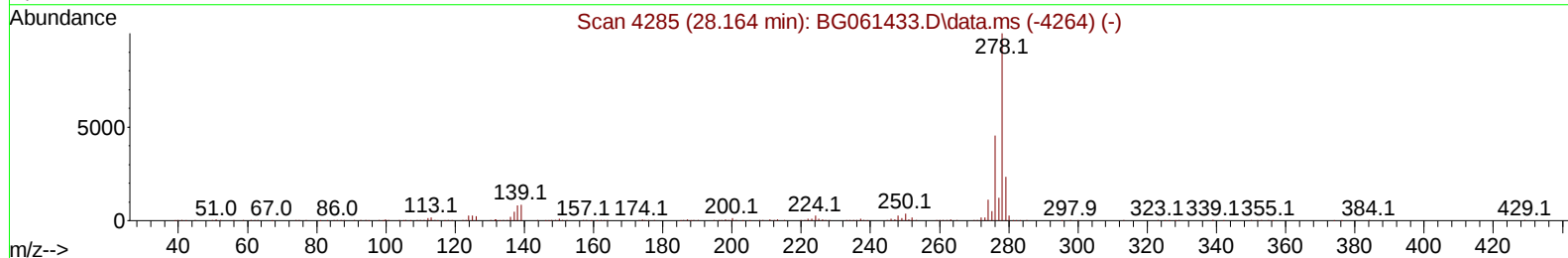
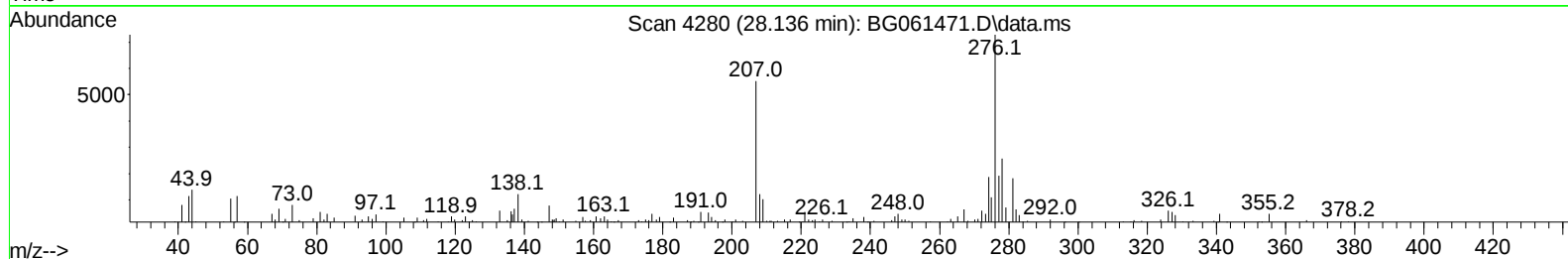
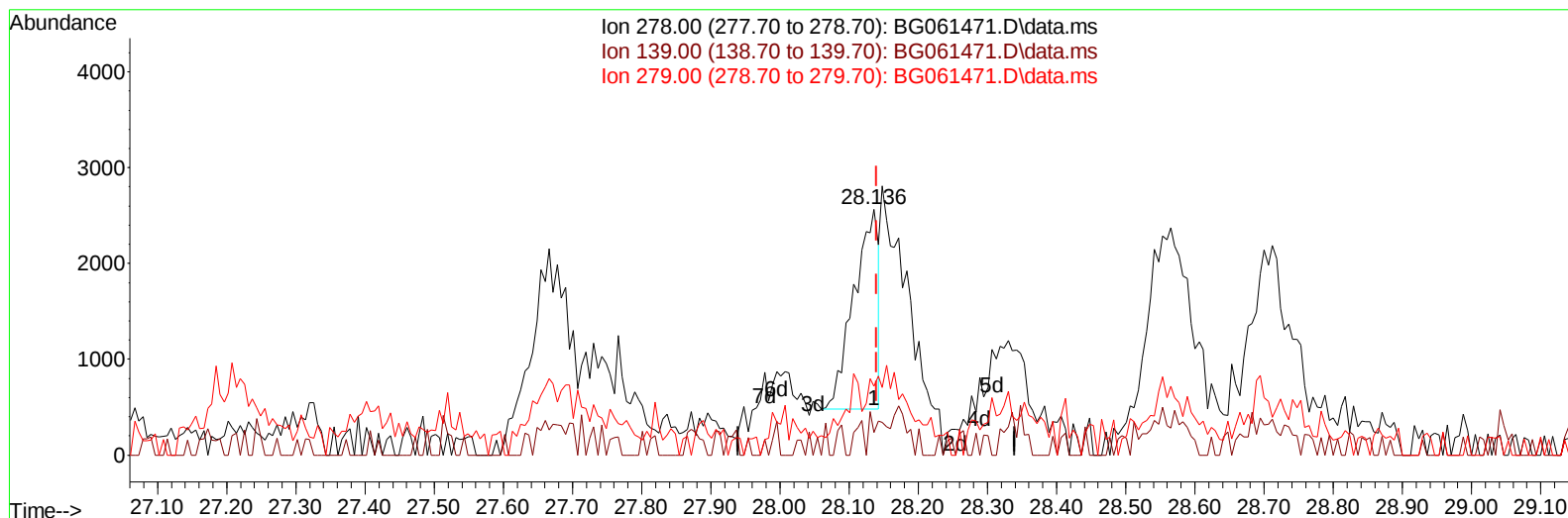
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061471.D
 Acq On : 5 Jun 2024 1:50
 Operator : MA/JU
 Sample : P2591-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T1

Manual IntegrationsAPPROVED

Quant Time: Jun 05 02:26:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061471.D\data.ms

(95) Dibenzo(a,h)anthracene

28.136min (-0.003) 0.38 ng/u1

response 5126

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	9.28
279.00	24.90	28.02
0.00	0.00	0.00

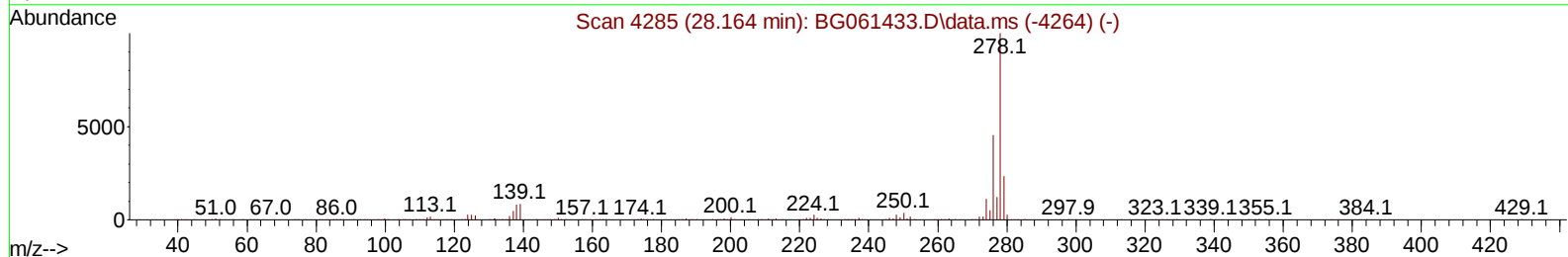
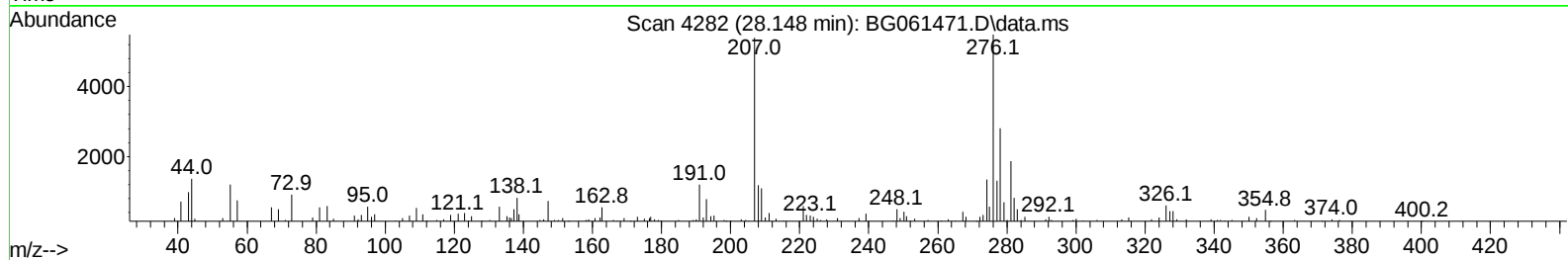
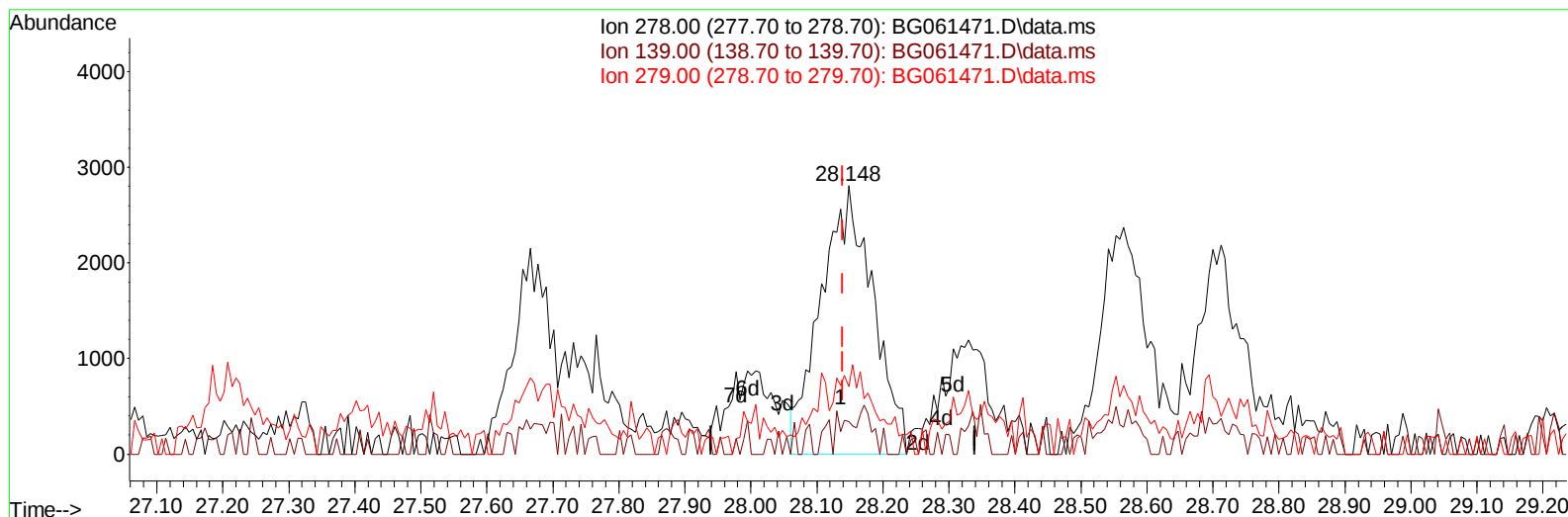
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061471.D
Acq On : 5 Jun 2024 1:50
Operator : MA/JU
Sample : P2591-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T1

Manual IntegrationsAPPROVED

Quant Time: Jun 05 02:26:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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TIC: BG061471.D\data.ms

(95) Dibenzo(a,h)anthracene

28.148min (+ 0.008) 1.13 ng/ul m

response 15329

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	12.18#
279.00	24.90	25.01
0.00	0.00	0.00

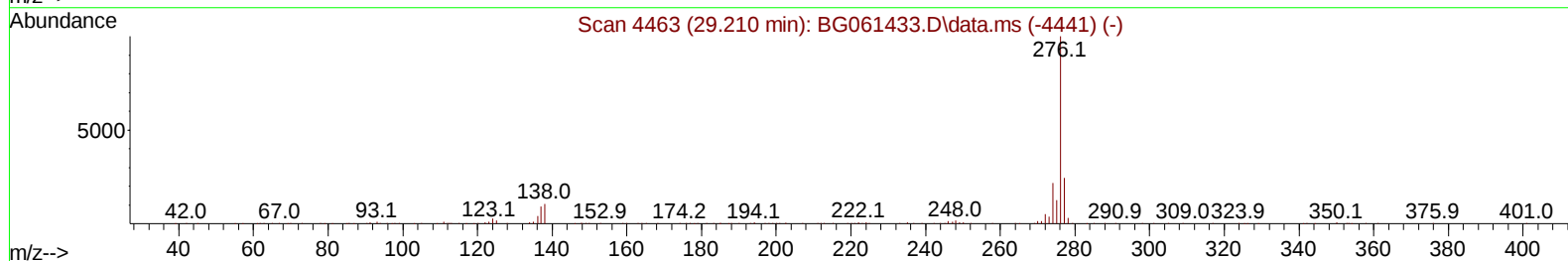
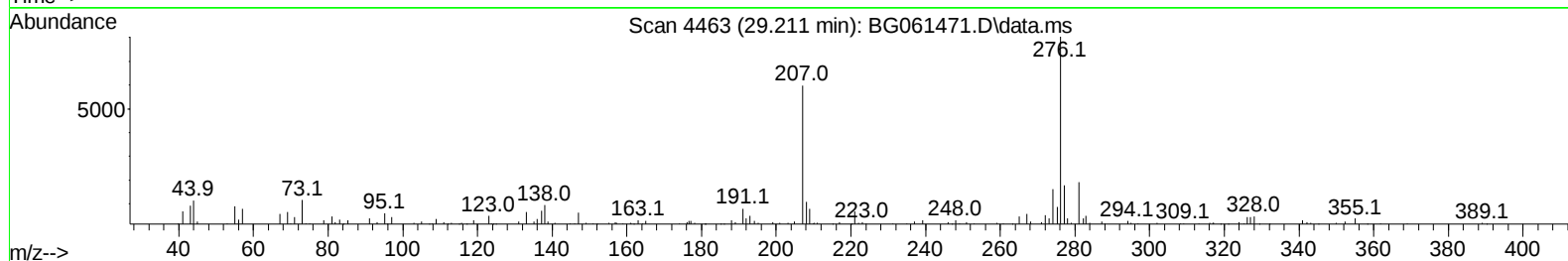
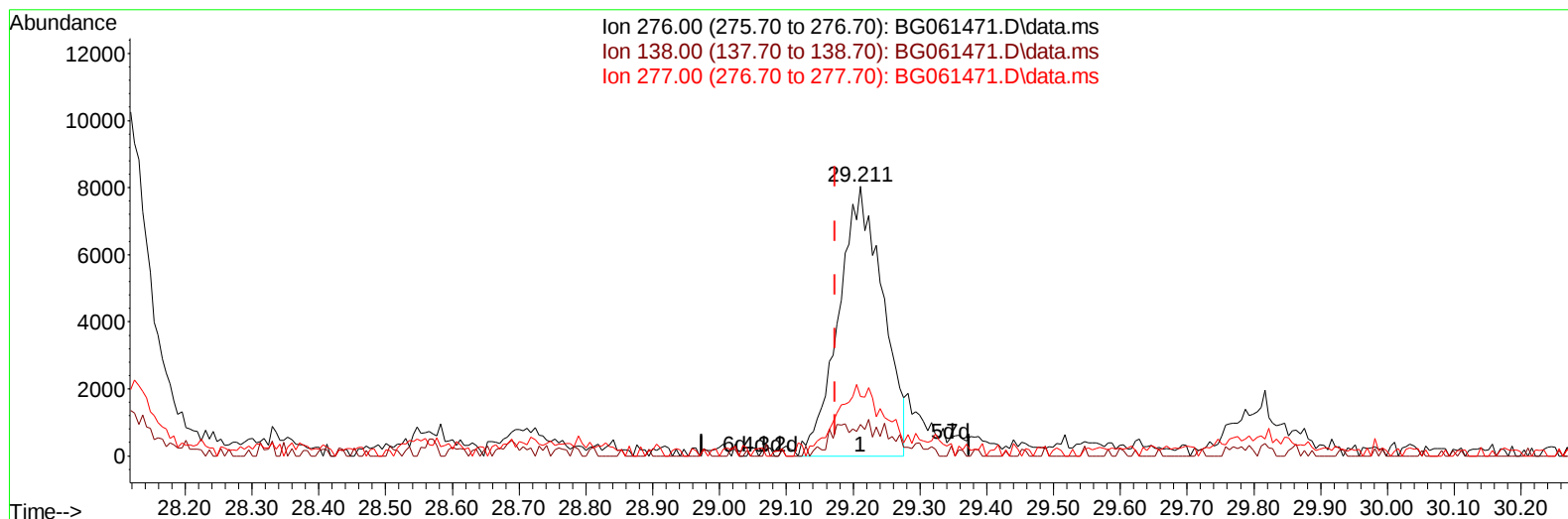
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061471.D
 Acq On : 5 Jun 2024 1:50
 Operator : MA/JU
 Sample : P2591-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T1

Manual IntegrationsAPPROVED

Quant Time: Jun 05 02:26:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061471.D\data.ms

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

29.211min (+ 0.038) 2.83 ng/u1

response 36957

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.79
277.00	22.70	22.09
0.00	0.00	0.00

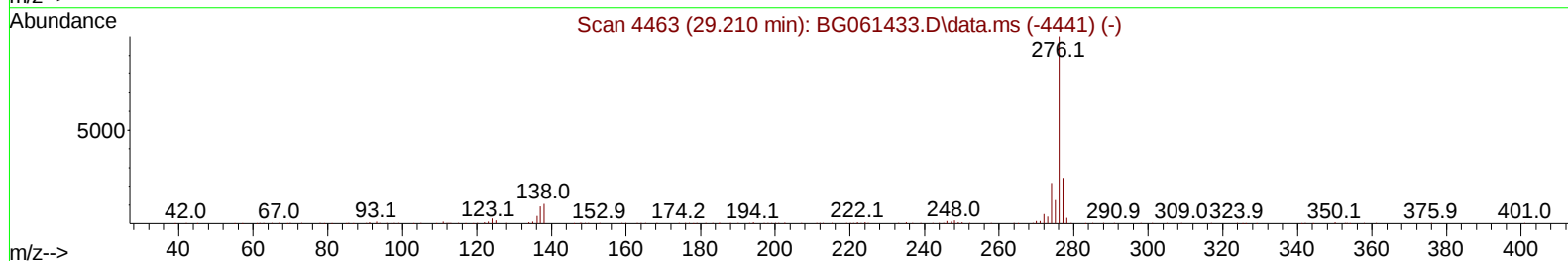
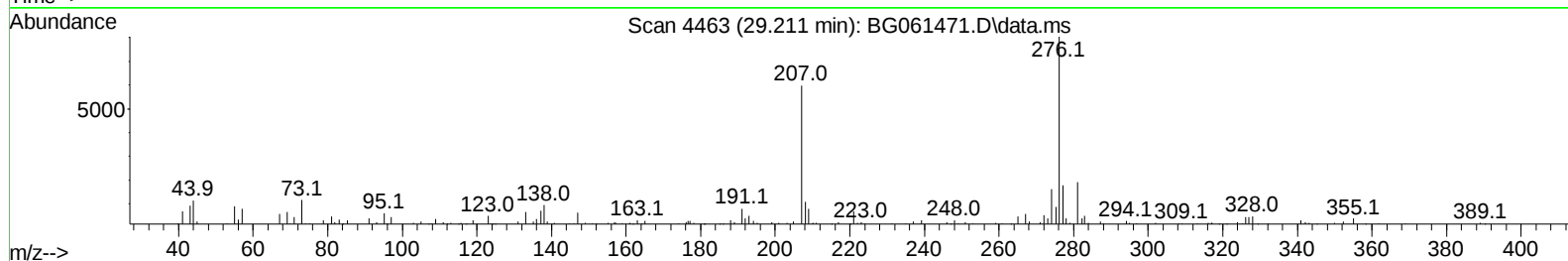
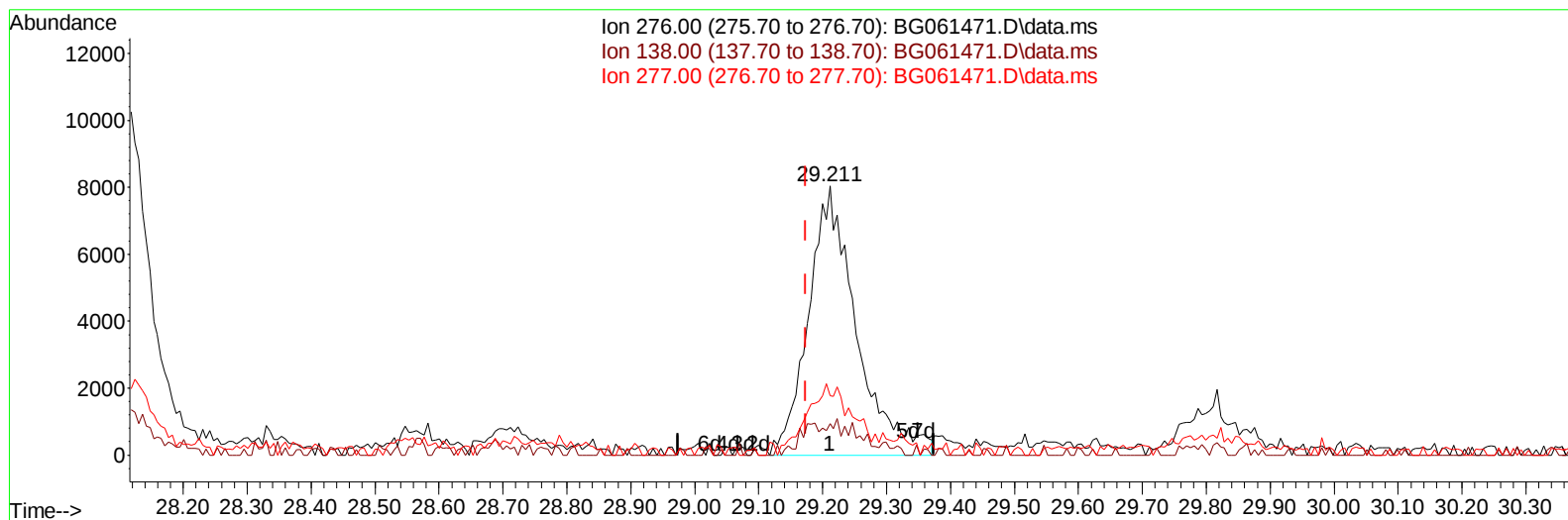
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061471.D
 Acq On : 5 Jun 2024 1:50
 Operator : MA/JU
 Sample : P2591-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T1

Manual IntegrationsAPPROVED

Quant Time: Jun 05 02:26:57 2024
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Reviewed By :Jagrut Upadhyay 06/05/2024
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TIC: BG061471.D\data.ms

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

29.211min (+ 0.038) 3.20 ng/ul m

response 41742

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.79
277.00	22.70	22.09
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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 Acq On : 5 Jun 2024 1:50
 Operator : MA/JU
 Sample : P2591-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
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 BH5T1

Manual IntegrationsAPPROVED

Quant Time: Jun 05 02:27:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.878	152		24257	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136		99093	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.511	164		79305	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.261	188		196367	20.000	ng/ul	0.00
79) Chrysene-d12	21.514	240		214780	20.000	ng/ul	0.00
88) Perylene-d12	24.611	264		240065	20.000	ng/ul	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.330	96		1372	3.165	ng/uL	0.00
4) Pyridine-d5	3.735	84		18449	11.964	ng/ul	0.00
7) Phenol-d5	7.061	99		40375	20.269	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.202	67		25213	20.137	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132		32575	22.096	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113		34466	20.291	ng/ul	0.00
21) Nitrobenzene-d5	9.035	128		17452	22.875	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143		20517	22.978	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165		39828	22.880	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131		44514	19.546	ng/ul	0.00
46) Dimethylphthalate-d6	13.918	166		139593	22.695	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160		148623	23.242	ng/ul	0.00
54) 4-Nitrophenol-d4	14.764	143		13955m	18.351	ng/ul	0.03
60) Fluorene-d10	15.504	176		128057	24.115	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200		17454	14.696	ng/ul	0.01
73) Anthracene-d10	17.361	188		206698	23.876	ng/ul	0.00
81) Pyrene-d10	19.658	212		255490	23.167	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.399	264		282662	24.491	ng/ul	0.01
Target Compounds							
						Qvalue	
30) Naphthalene	10.721	128		6922	1.323	ng/ul#	92
36) 2-Methylnaphthalene	12.331	142		12367	3.260	ng/ul	91
72) Phenanthrene	17.302	178		82367	8.642	ng/ul	100
74) Anthracene	17.396	178		13486m	1.369	ng/ul	
77) Carbazole	17.666	167		9535	1.190	ng/ul#	91
80) Fluoranthene	19.323	202		154751	11.697	ng/ul	99
82) Pyrene	19.687	202		124468	9.064	ng/ul	98
85) Benzo(a)anthracene	21.497	228		80509	5.432	ng/ul	97
87) Chrysene	21.561	228		70600	5.174	ng/ul	96
90) Benzo(b)fluoranthene	23.630	252		97204	6.801	ng/ul	98
91) Benzo(k)fluoranthene	23.688	252		37119	2.558	ng/ul	99
93) Benzo(a)pyrene	24.464	252		64559	4.757	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.107	276		44115	2.688	ng/ul	95
95) Dibenzo(a,h)anthracene	28.148	278		15329m	1.133	ng/ul	
96) Benzo(g,h,i)perylene	29.211	276		41742m	3.197	ng/ul	

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

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Manual IntegrationsAPPROVED

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