

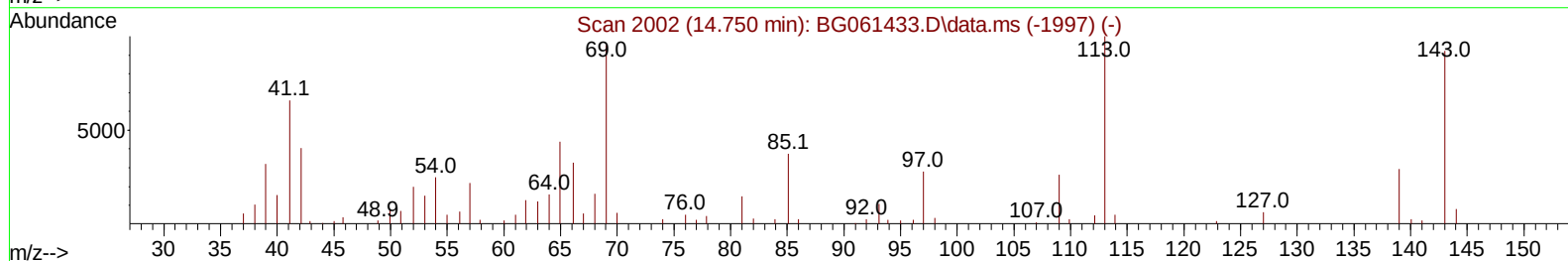
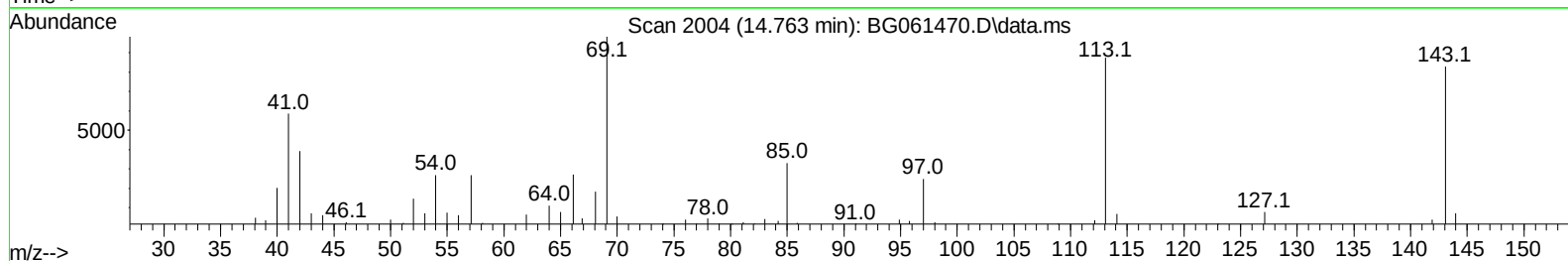
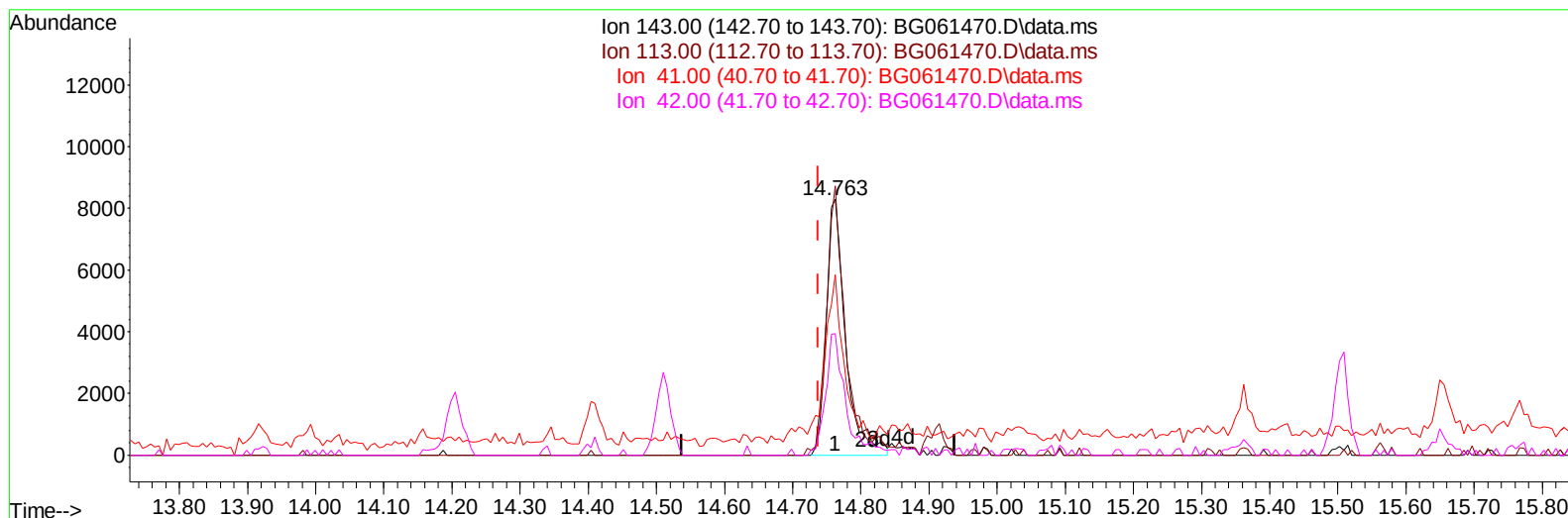
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061470.D
Acq On : 5 Jun 2024 1:09
Operator : MA/JU
Sample : P2591-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T0

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:56:01 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: BG061470.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.763min (+ 0.025) 18.14 ng/ul m

response 16434

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	105.21
41.00	77.10	70.62
42.00	49.50	47.51

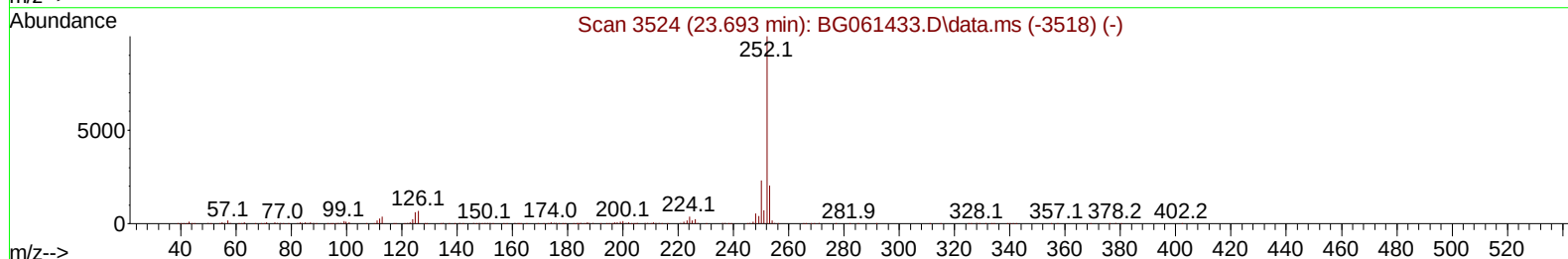
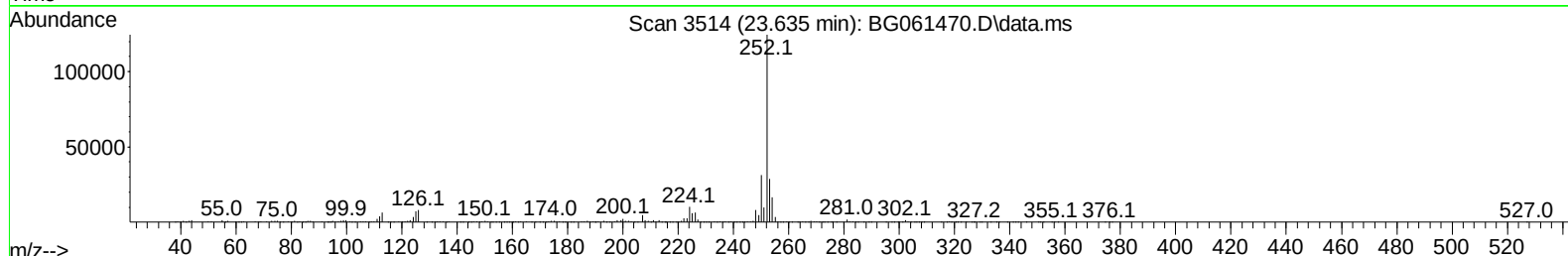
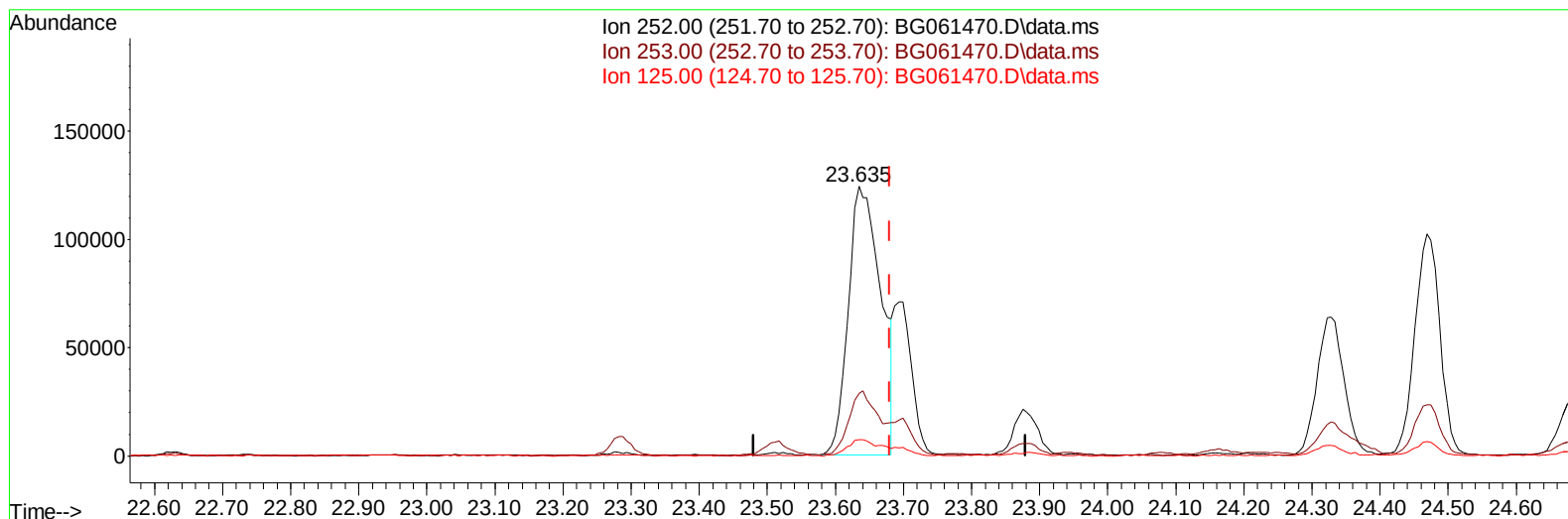
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061470.D
 Acq On : 5 Jun 2024 1:09
 Operator : MA/JU
 Sample : P2591-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T0

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:56:45 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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 Supervised By :mohammad ahmed 06/07/2024



TIC: BG061470.D\data.ms

(91) Benzo(k)fluoranthene

23.635min (-0.046) 24.96 ng/u1

response 411313

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.14
125.00	5.40	6.02
0.00	0.00	0.00

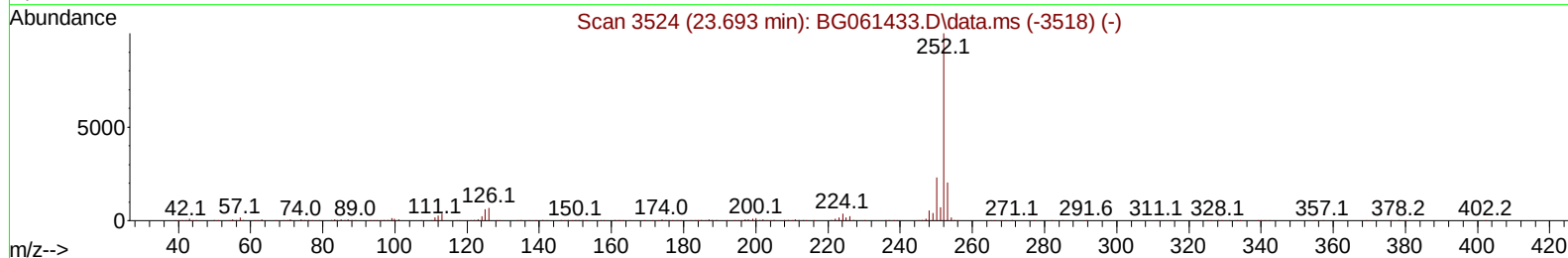
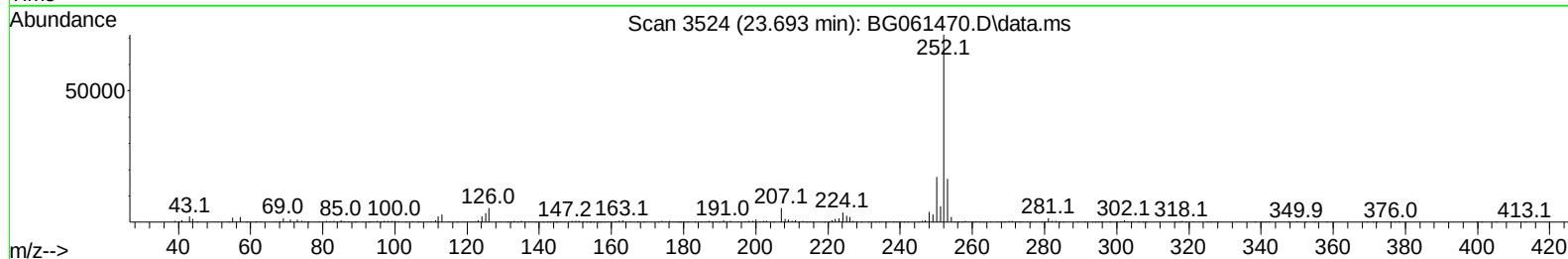
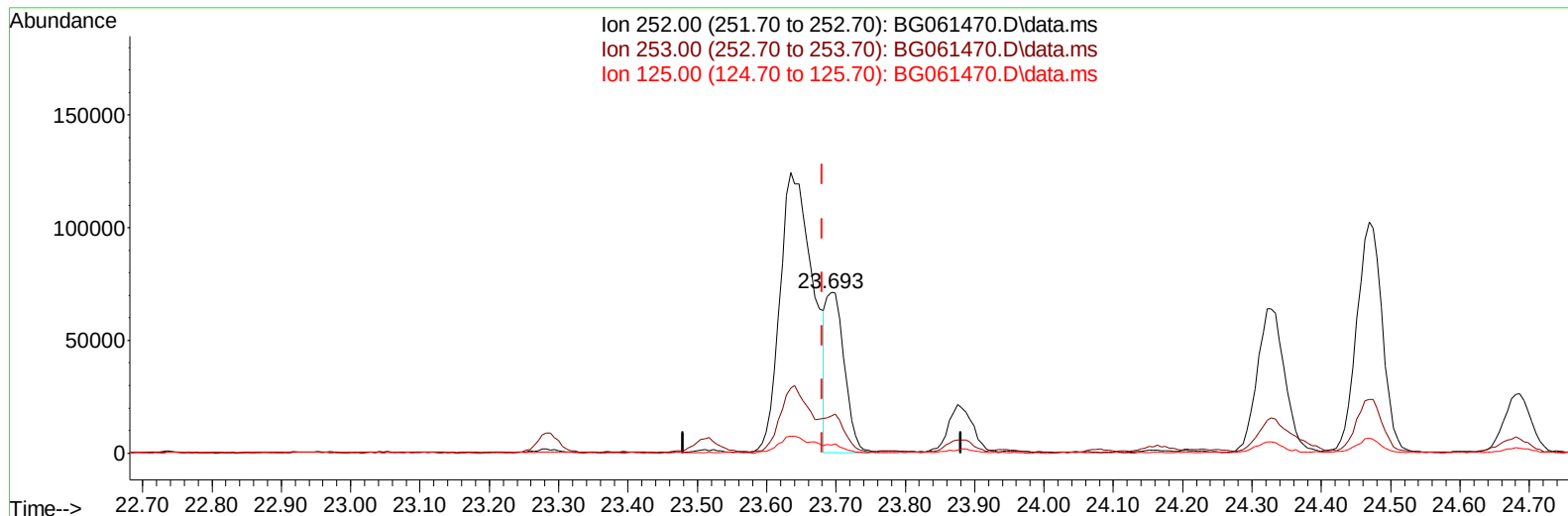
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061470.D
Acq On : 5 Jun 2024 1:09
Operator : MA/JU
Sample : P2591-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T0

Manual IntegrationsAPPROVED

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TIC: BG061470.D\data.ms

(91) Benzo(k)fluoranthene

23.693min (+ 0.013) 7.84 ng/ul m

response 129234

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.00	23.18
125.00	5.40	5.05
0.00	0.00	0.00

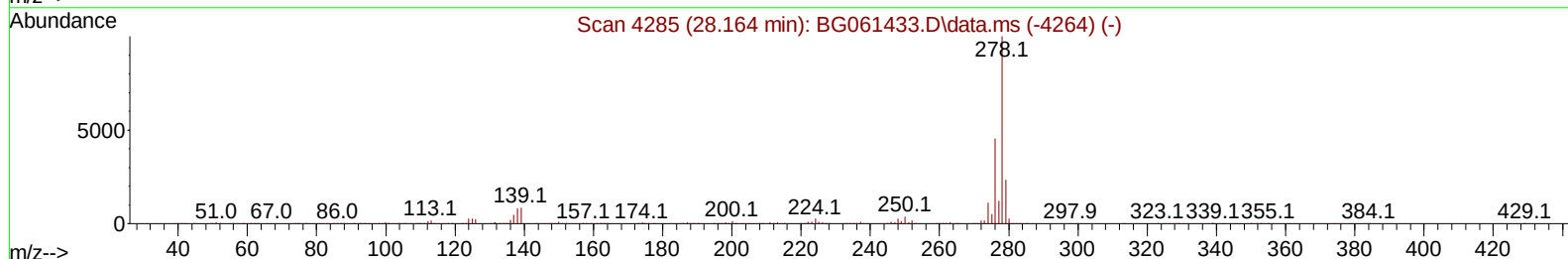
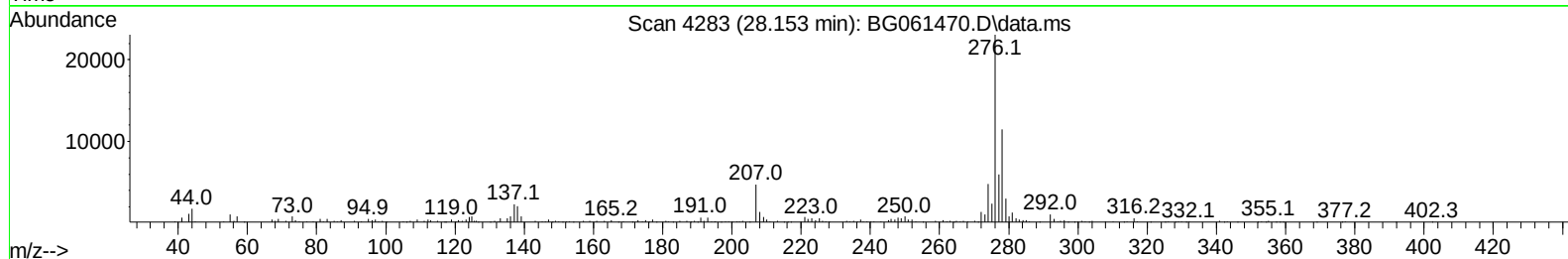
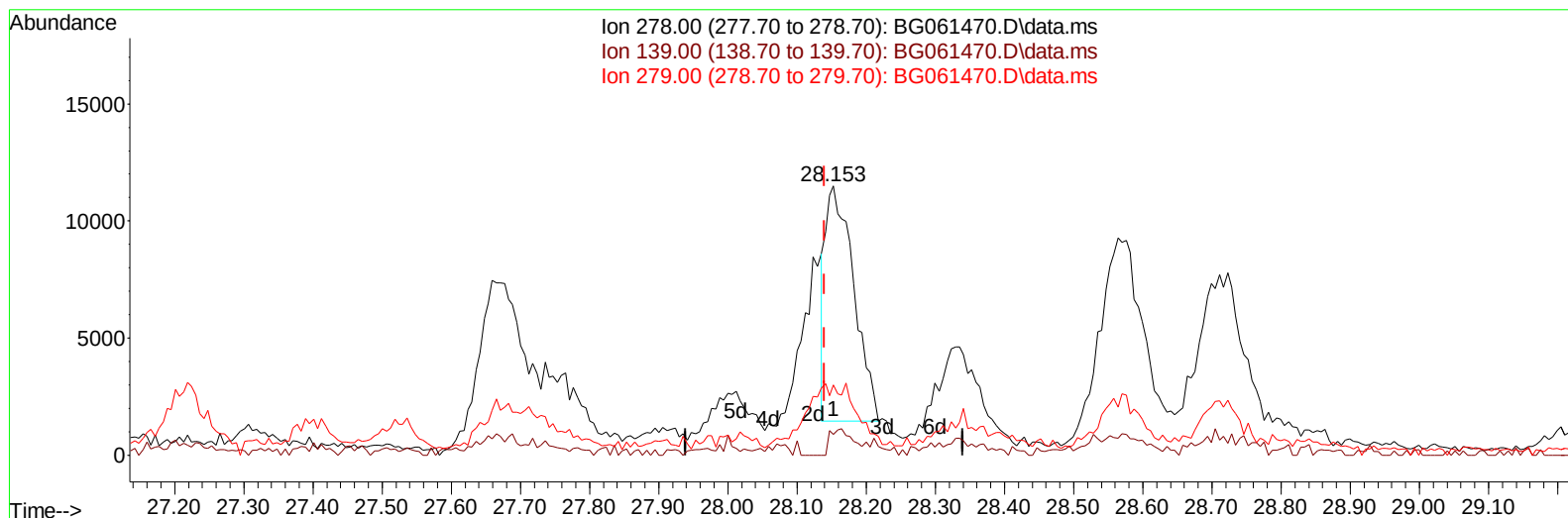
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061470.D
Acq On : 5 Jun 2024 1:09
Operator : MA/JU
Sample : P2591-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T0

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:57:28 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: BG061470.D\data.ms

(95) Dibenzo(a,h)anthracene

28.153min (+ 0.013) 1.84 ng/u1

response 28337

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	7.74
279.00	24.90	26.09
0.00	0.00	0.00

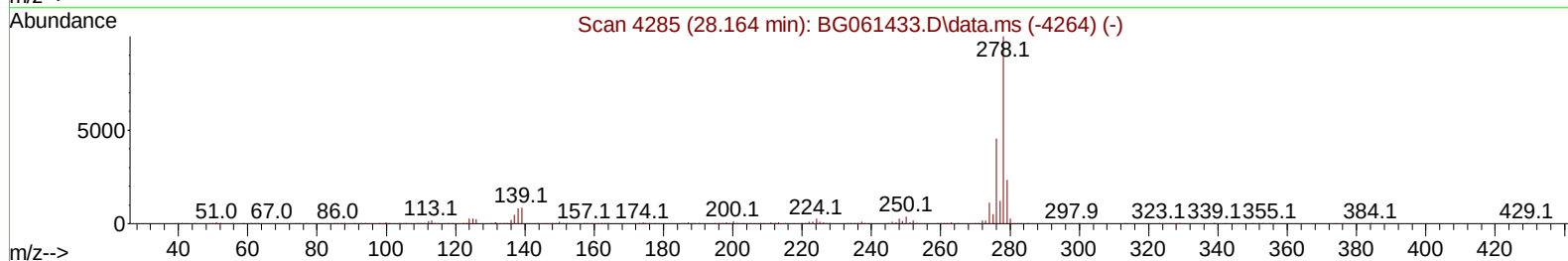
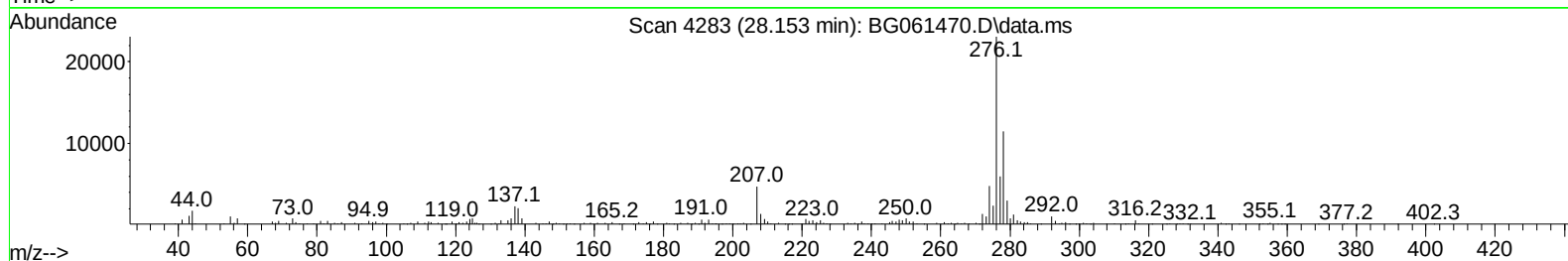
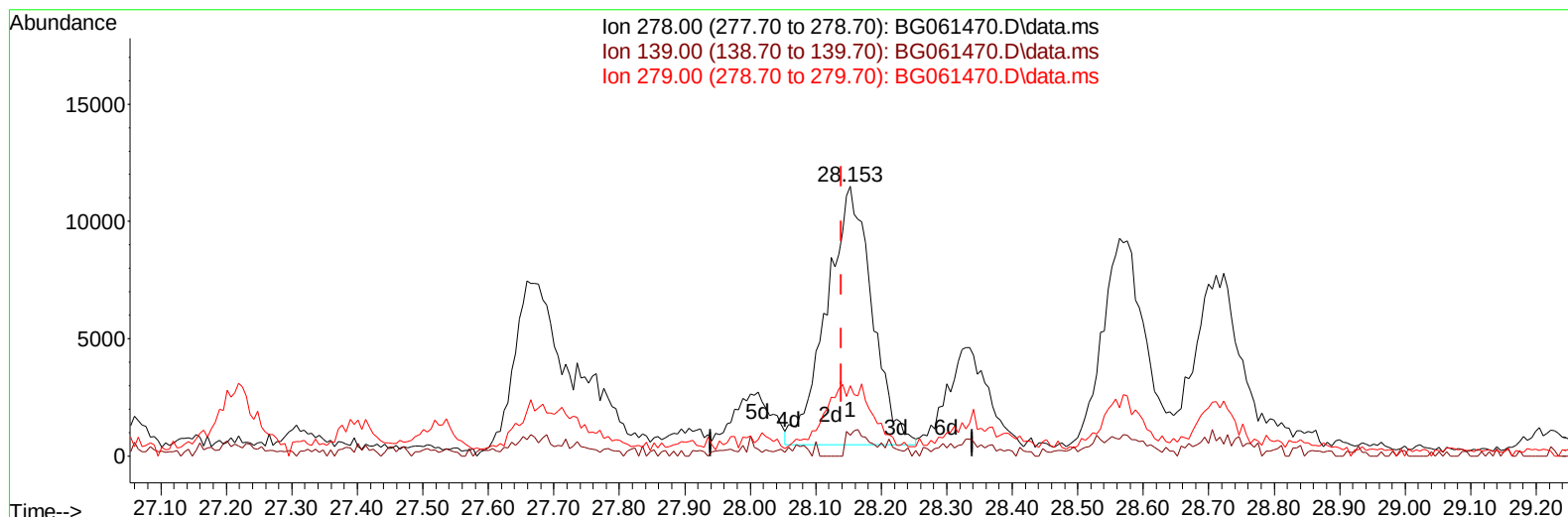
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061470.D
Acq On : 5 Jun 2024 1:09
Operator : MA/JU
Sample : P2591-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T0

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:57:28 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: BG061470.D\data.ms

(95) Dibenzo(a,h)anthracene

28.153min (+ 0.013) 3.46 ng/ul m

response 53128

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.00	7.74
279.00	24.90	26.09
0.00	0.00	0.00

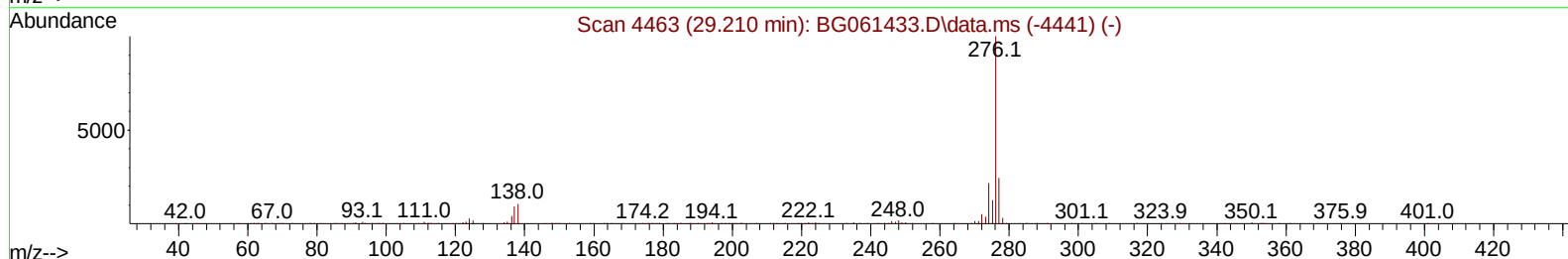
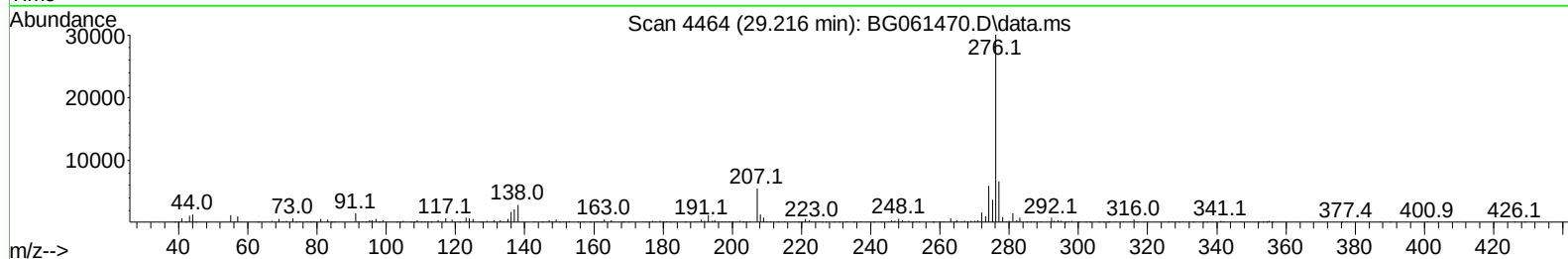
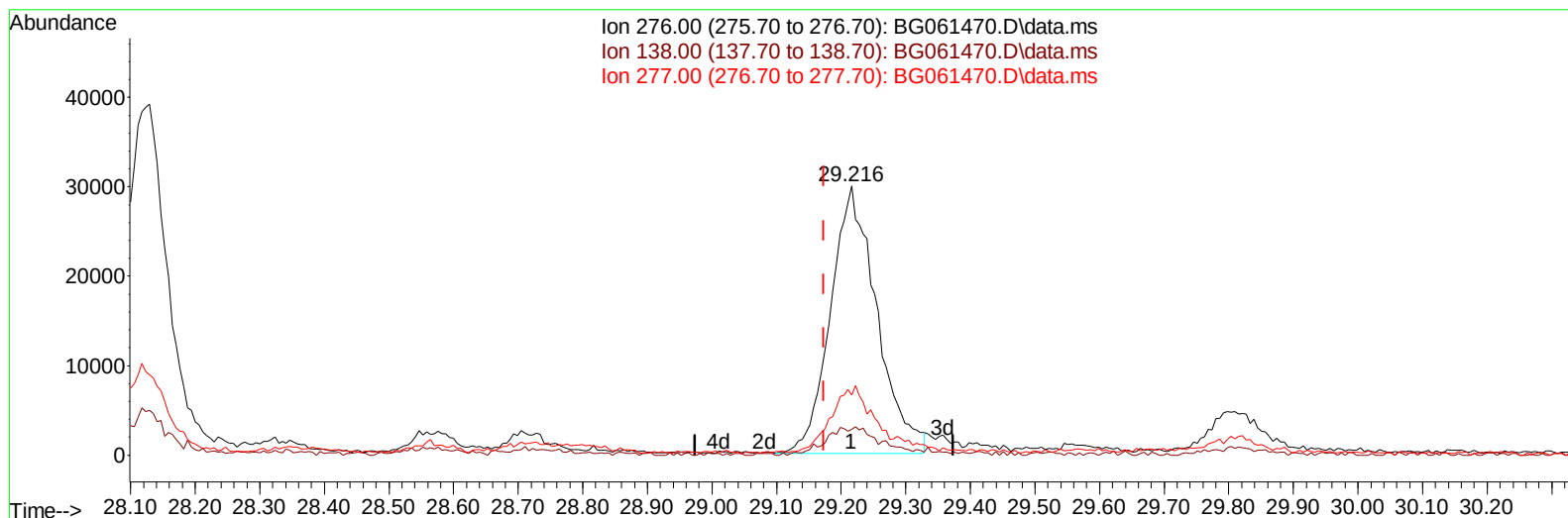
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061470.D
Acq On : 5 Jun 2024 1:09
Operator : MA/JU
Sample : P2591-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T0

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:57:55 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: BG061470.D\data.ms

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

29.216min (+ 0.043) 10.01 ng/ul

response 148367

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.68
277.00	22.70	22.21
0.00	0.00	0.00

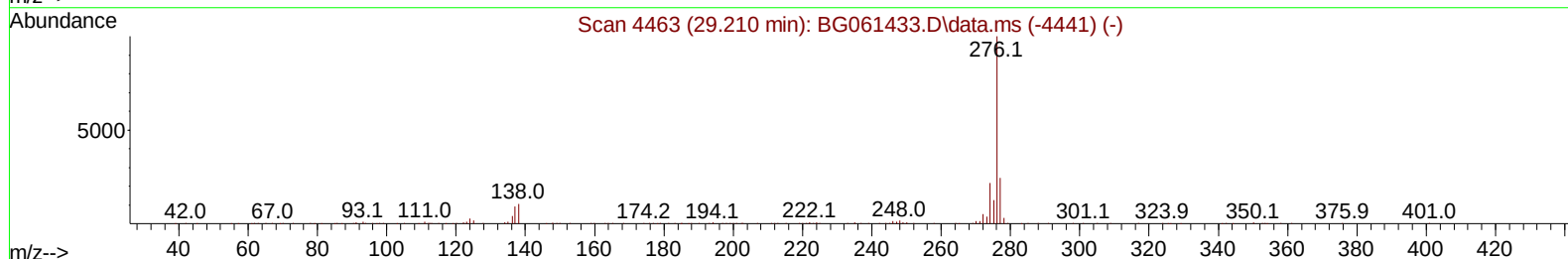
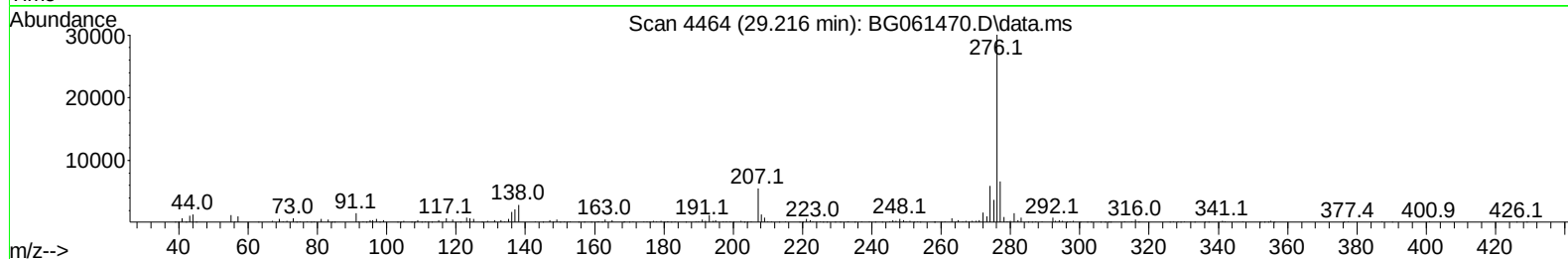
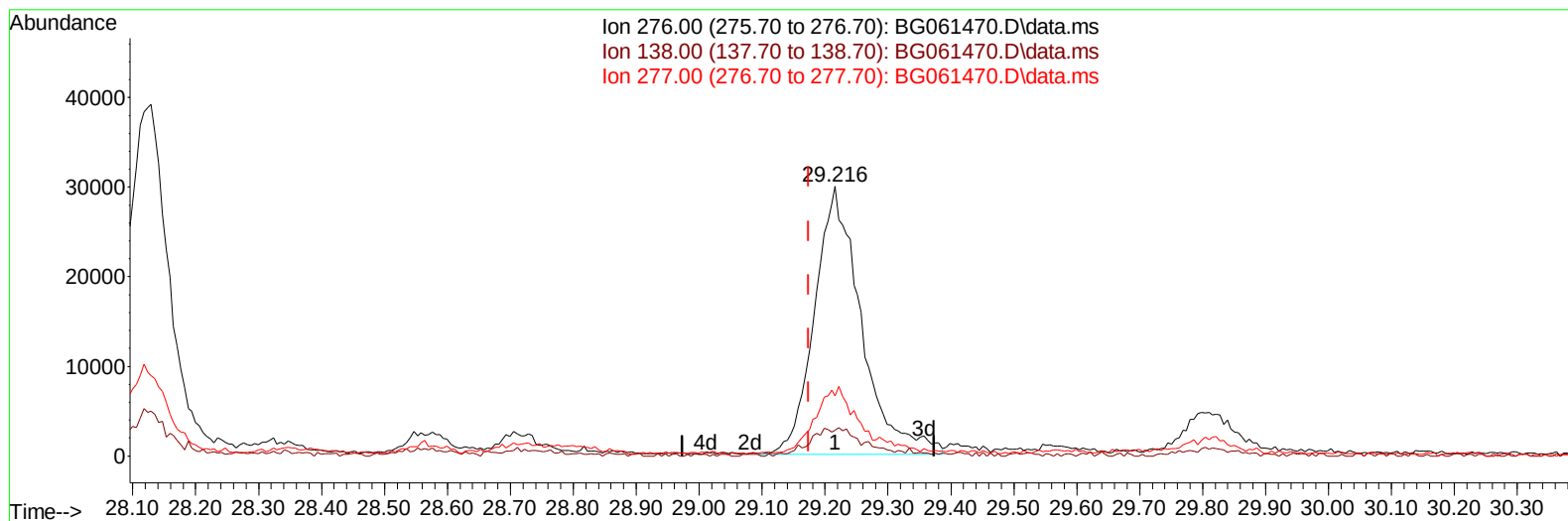
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061470.D
Acq On : 5 Jun 2024 1:09
Operator : MA/JU
Sample : P2591-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T0

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:57:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
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Supervised By :mohammad ahmed 06/07/2024



TIC: BG061470.D\data.ms

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

29.216min (+ 0.043) 10.39 ng/ul m

response 154032

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.68
277.00	22.70	22.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061470.D
 Acq On : 5 Jun 2024 1:09
 Operator : MA/JU
 Sample : P2591-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5T0

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:58:16 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

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.877	152		32513	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136		124899	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164		94465	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.266	188		214509	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240		231803	20.000	ng/ul	0.00
88) Perylene-d12	24.610	264		272607	20.000	ng/ul	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.329	96		2139	3.682	ng/uL	0.00
4) Pyridine-d5	3.740	84		32731	15.836	ng/ul	0.00
7) Phenol-d5	7.066	99		55024	20.608	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67		32905	19.607	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132		43821	22.177	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113		47529	20.877	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128		23118	24.040	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143		26562	23.601	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165		53626	24.441	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131		58330	20.321	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166		173664	23.704	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160		188674	24.770	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143		16434m	18.143	ng/ul	0.02
60) Fluorene-d10	15.509	176		150818	23.843	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200		20791	16.025	ng/ul	0.02
73) Anthracene-d10	17.360	188		239197	25.293	ng/ul	0.00
81) Pyrene-d10	19.657	212		287471	24.153	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.404	264		332445	25.366	ng/ul	0.02
Target Compounds							
						Qvalue	
30) Naphthalene	10.720	128		12472	1.892	ng/ul	97
36) 2-Methylnaphthalene	12.330	142		8712	1.822	ng/ul	95
52) Acenaphthene	14.575	153		10060	1.816	ng/ul	93
56) Dibenzofuran	14.909	168		18698	2.360	ng/ul	93
61) Fluorene	15.562	166		11252	1.642	ng/ul#	91
72) Phenanthrene	17.307	178		392278	37.678	ng/ul	99
74) Anthracene	17.395	178		73159	6.796	ng/ul	99
77) Carbazole	17.671	167		45903	5.243	ng/ul	96
80) Fluoranthene	19.328	202		668585	46.826	ng/ul	99
82) Pyrene	19.686	202		518925	35.014	ng/ul	99
85) Benzo(a)anthracene	21.502	228		333232	20.834	ng/ul	98
87) Chrysene	21.566	228		306033	20.780	ng/ul	97
90) Benzo(b)fluoranthene	23.635	252		411313	25.341	ng/ul	98
91) Benzo(k)fluoranthene	23.693	252		129234m	7.843	ng/ul	
93) Benzo(a)pyrene	24.469	252		259956	16.867	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.129	276		174836	9.381	ng/ul	96
95) Dibenzo(a,h)anthracene	28.153	278		53128m	3.457	ng/ul	
96) Benzo(g,h,i)perylene	29.216	276		154032m	10.388	ng/ul	

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

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Instrument :
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Manual IntegrationsAPPROVED

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