

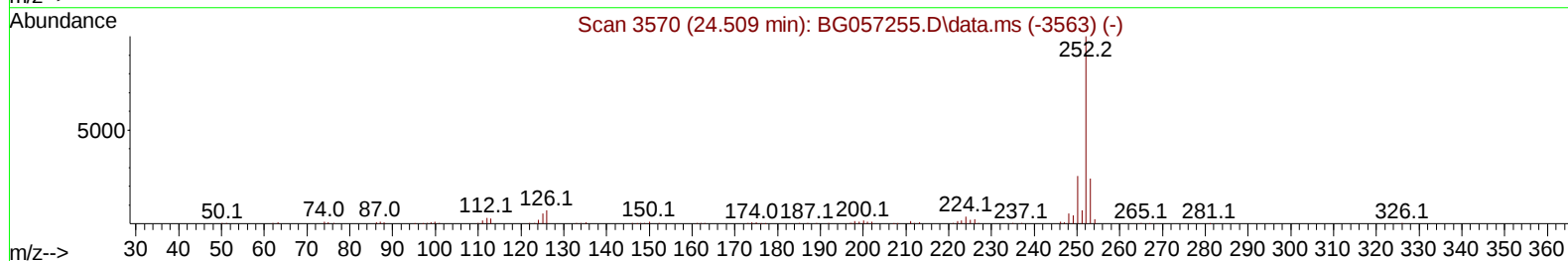
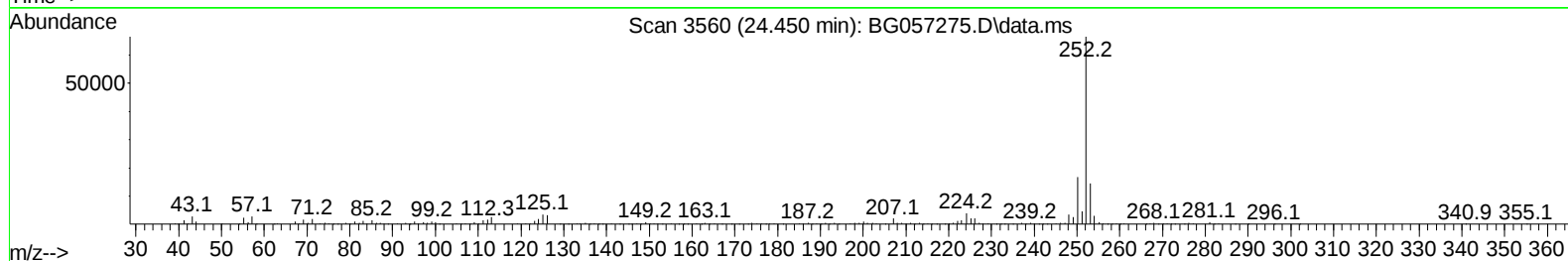
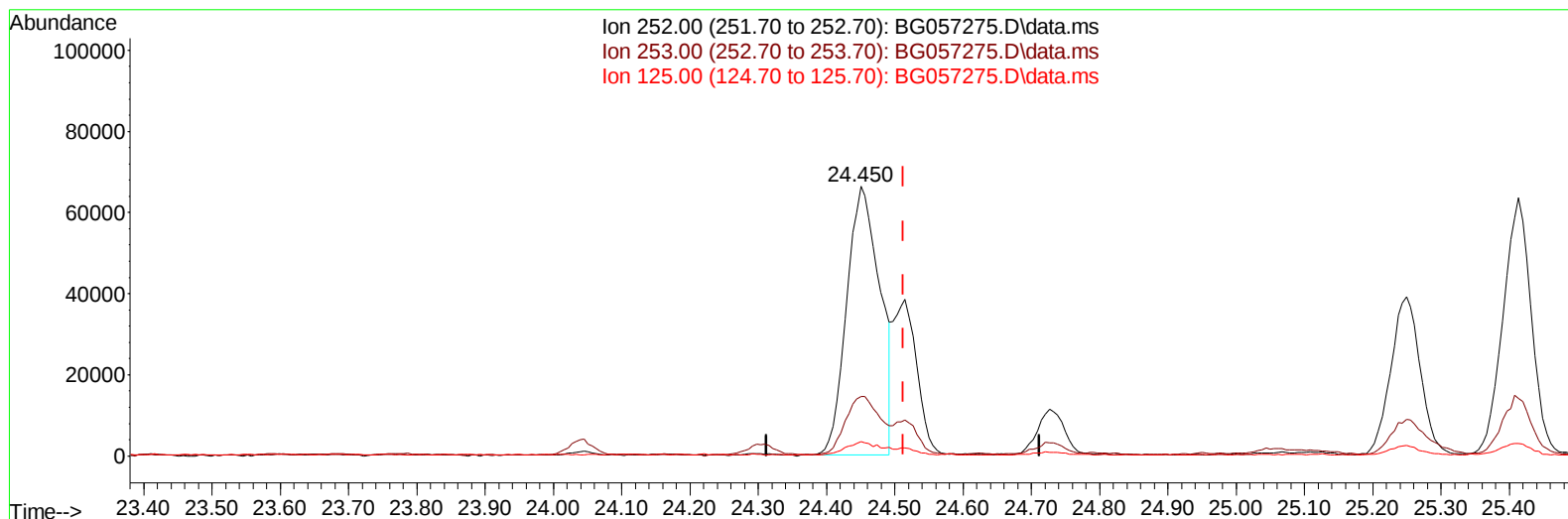
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057275.D
Acq On : 2 May 2023 12:21
Operator : CG/JU
Sample : 02419-32
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW927

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

Quant Time: May 03 01:04:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration



TIC: BG057275.D\data.ms

(91) Benzo(k)fluoranthene

24.450min (-0.062) 37.14 ng/u1

response 222920

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.97
125.00	5.60	5.37
0.00	0.00	0.00

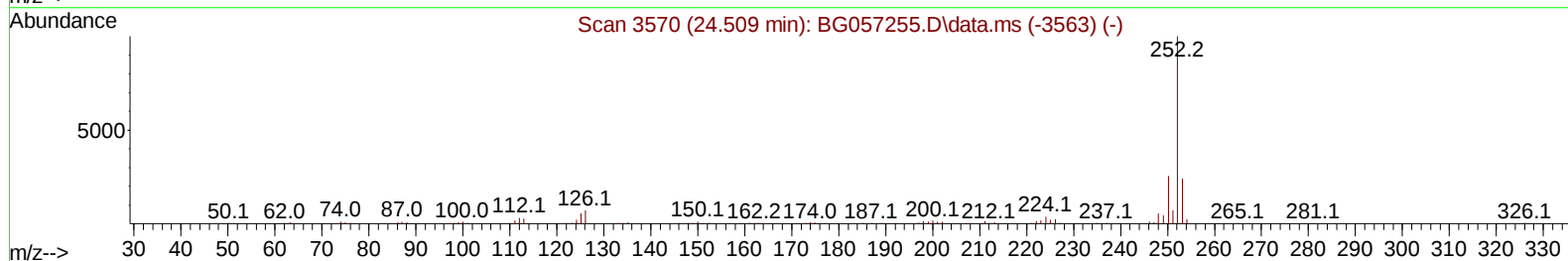
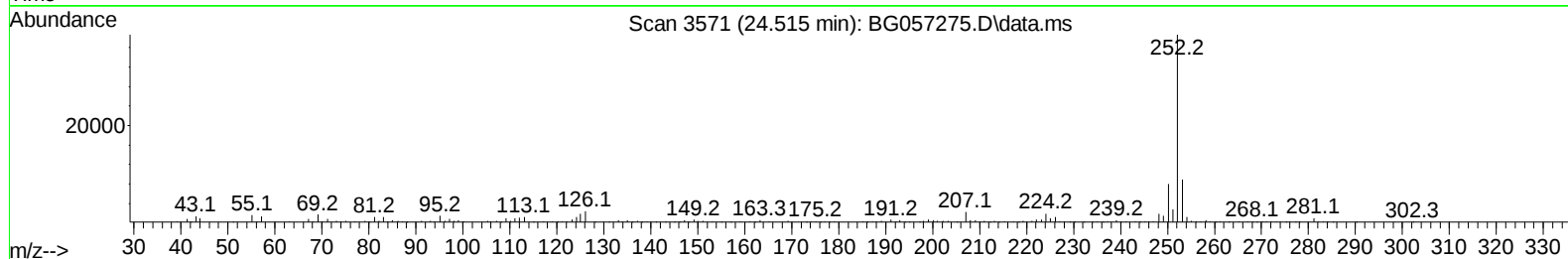
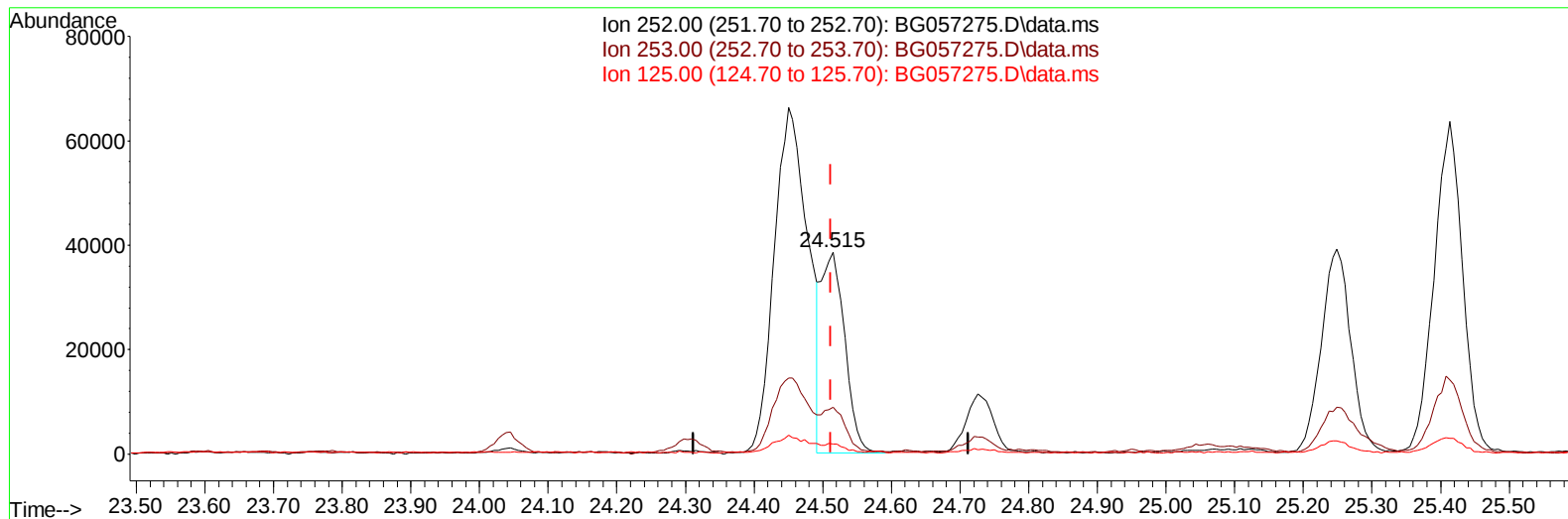
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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TIC: BG057275.D\data.ms

(91) Benzo(k)fluoranthene

24.515min (+ 0.002) 15.29 ng/ul m

response 91746

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.04
125.00	5.60	4.91
0.00	0.00	0.00

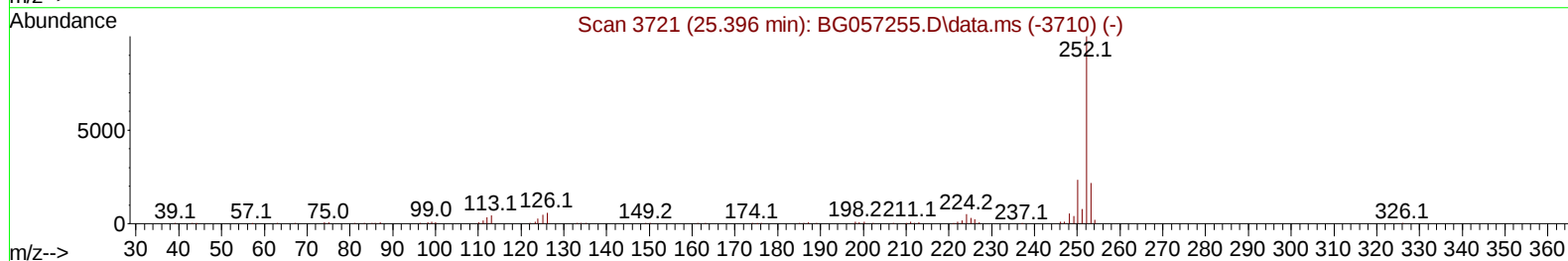
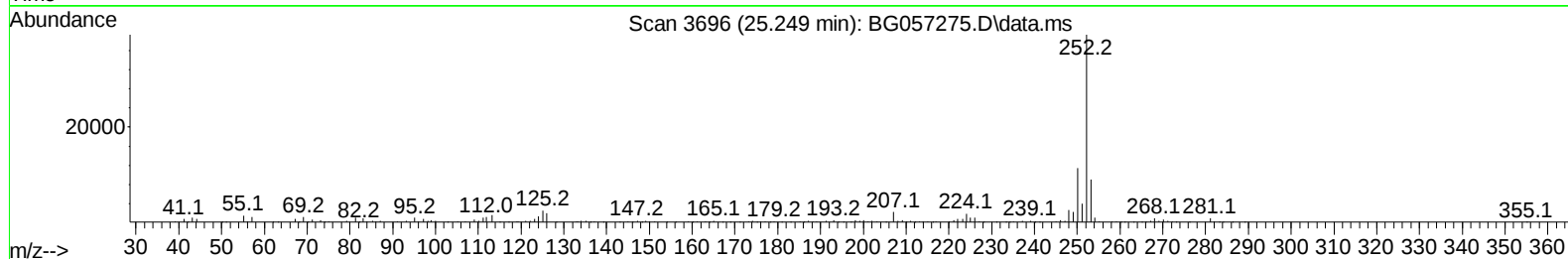
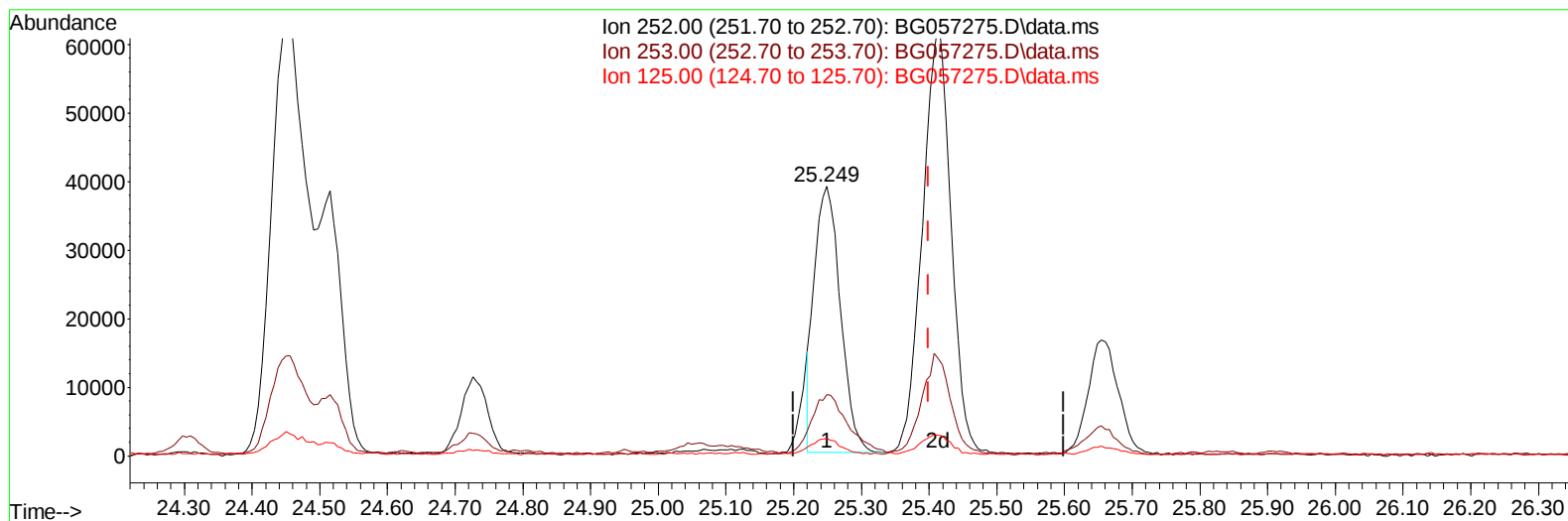
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TIC: BG057275.D\data.ms

(93) Benzo(a)pyrene (C)

25.249min (-0.150) 19.34 ng/u1

response 103002

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	22.86
125.00	6.40	6.51
0.00	0.00	0.00

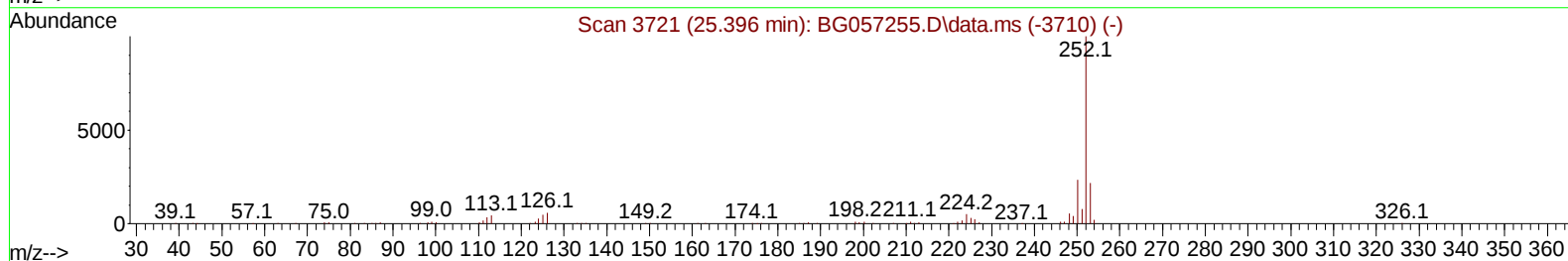
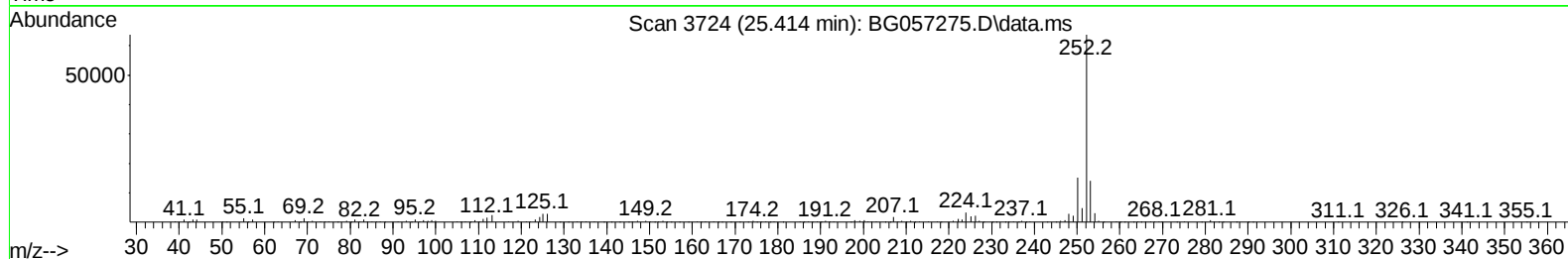
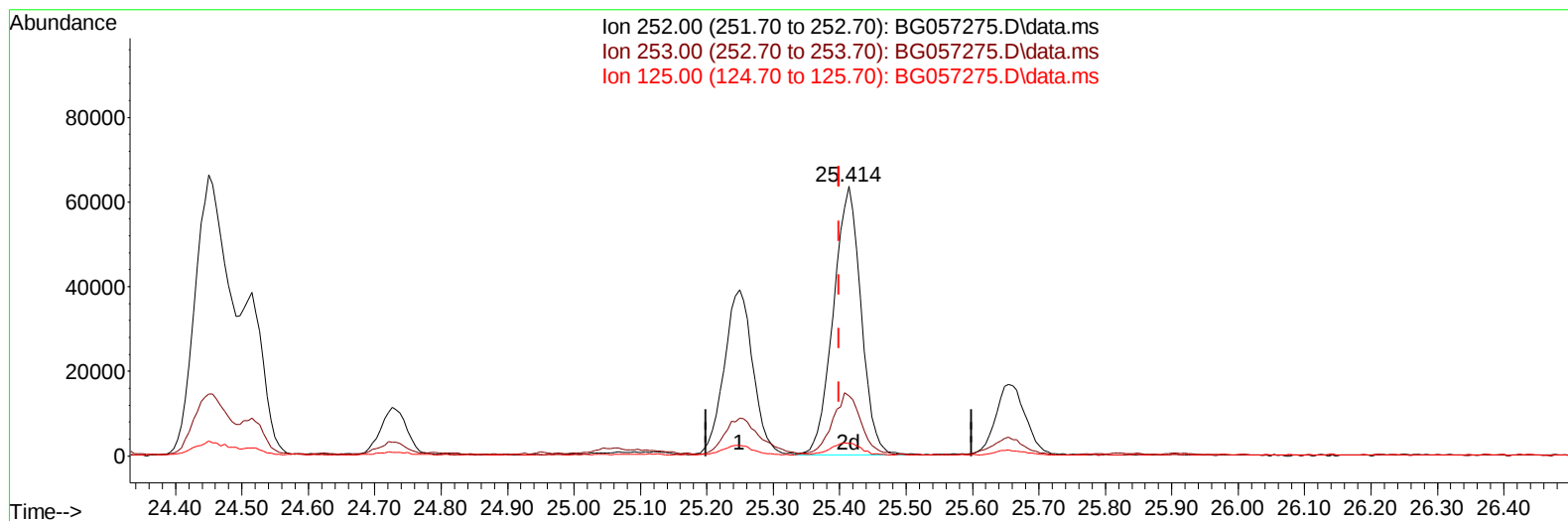
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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ALS Vial : 32 Sample Multiplier: 1

Instrument :
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TIC: BG057275.D\data.ms

(93) Benzo(a)pyrene (C)

25.414min (+ 0.014) 34.42 ng/ul m

response 183293

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	22.25
125.00	6.40	4.74#
0.00	0.00	0.00

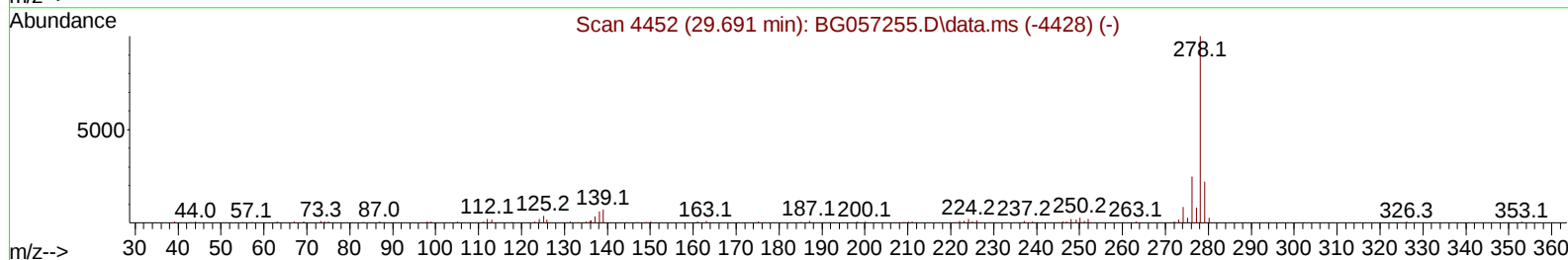
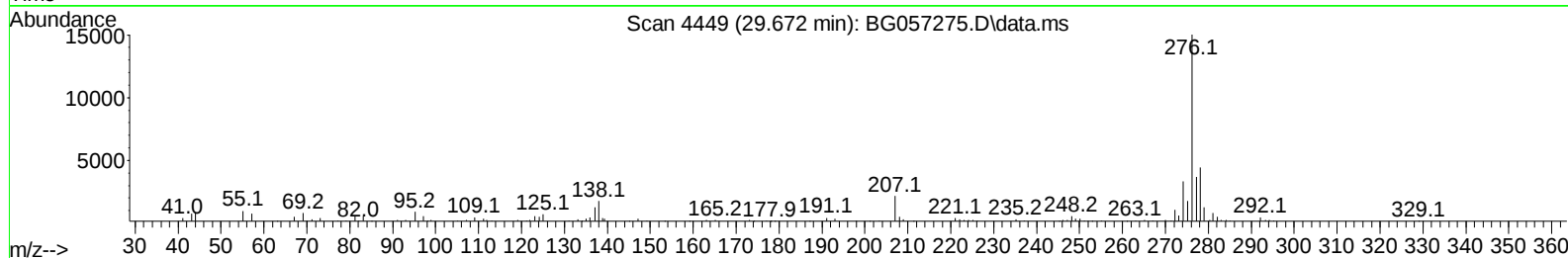
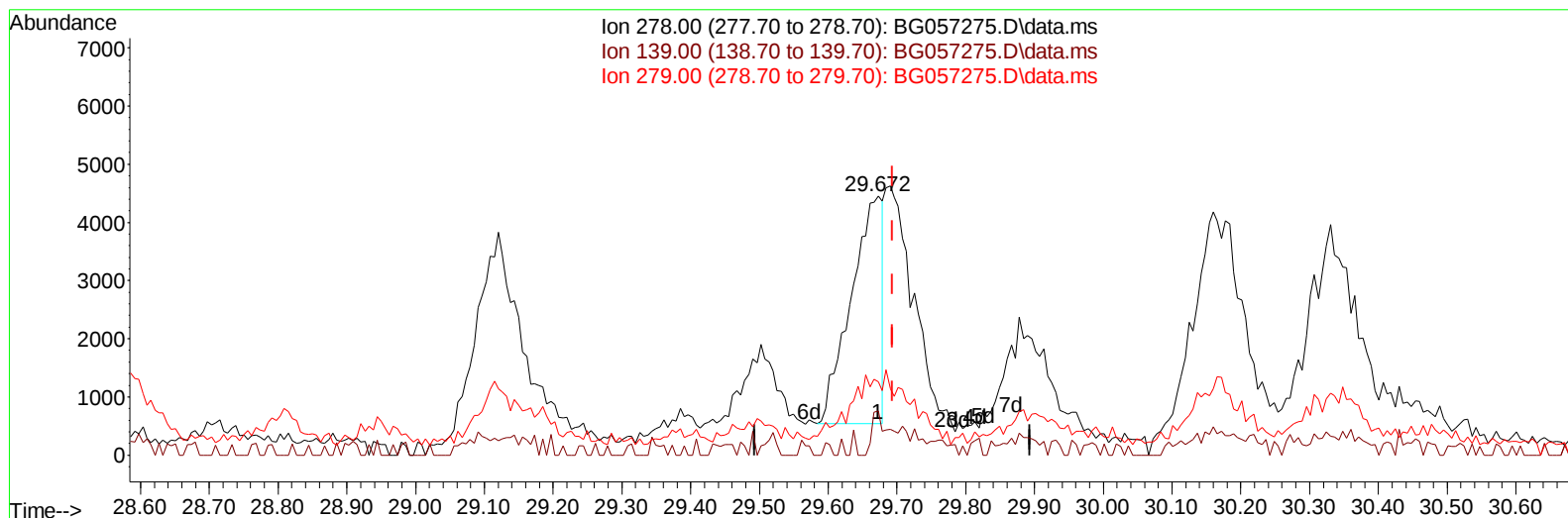
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TIC: BG057275.D\data.ms

(95) Dibenzo(a,h)anthracene

29.672min (-0.021) 2.24 ng/u1

response 12392

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	17.03#
279.00	22.90	28.27#
0.00	0.00	0.00

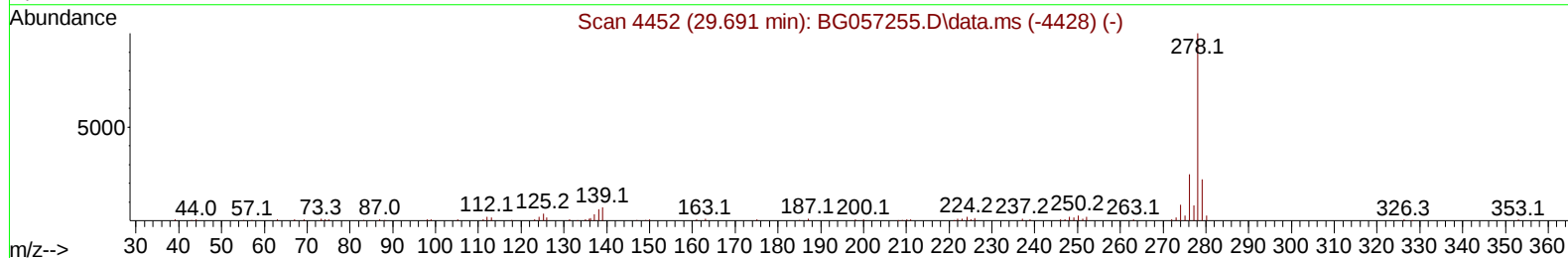
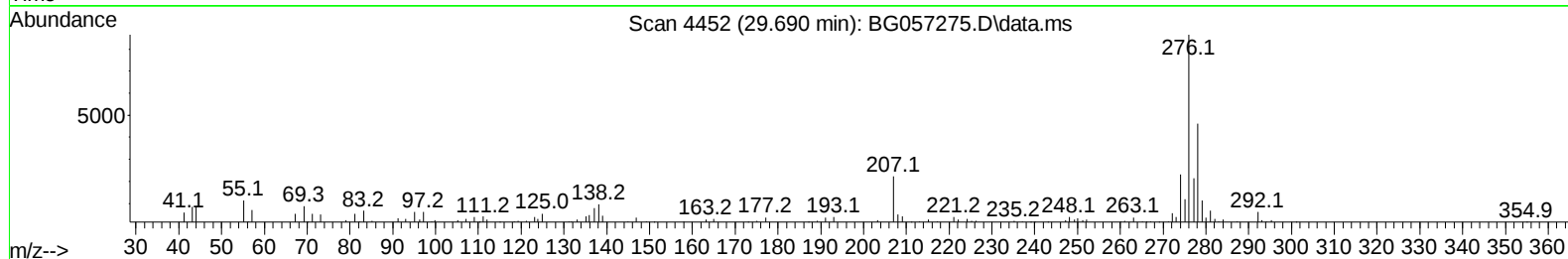
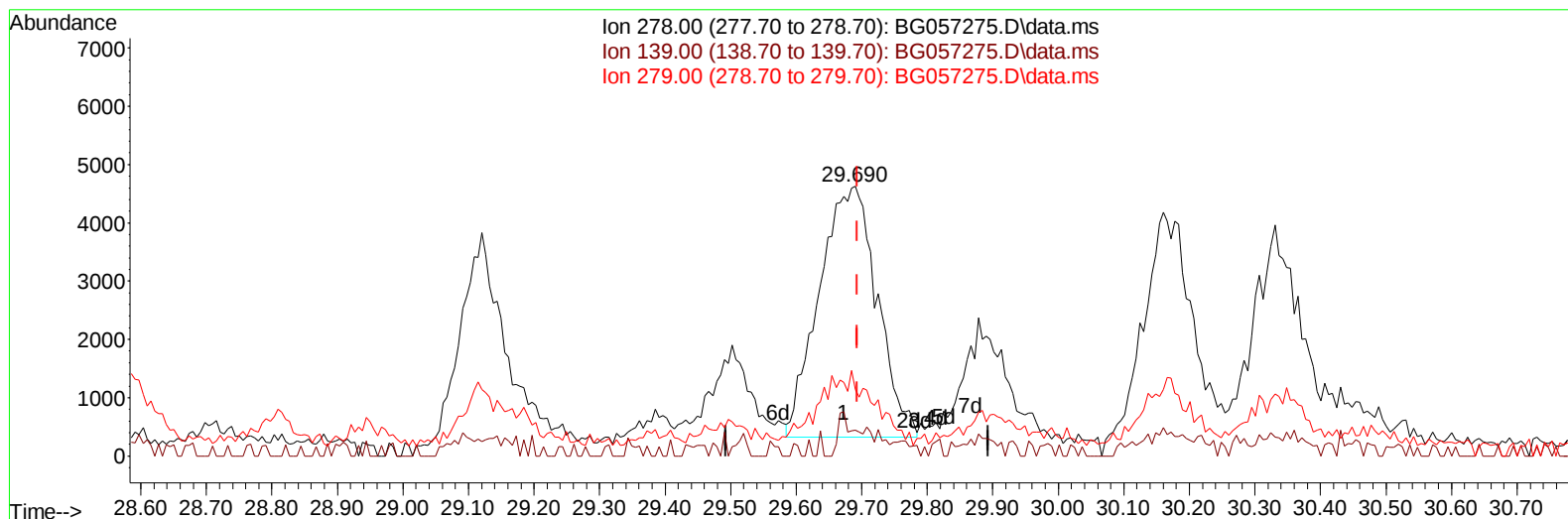
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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 Operator : CG/JU
 Sample : 02419-32
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 03 01:04:54 2023
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Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057275.D\data.ms

(95) Dibenzo(a,h)anthracene

29.690min (-0.003) 4.78 ng/ul m

response 26366

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	9.56#
279.00	22.90	24.59
0.00	0.00	0.00

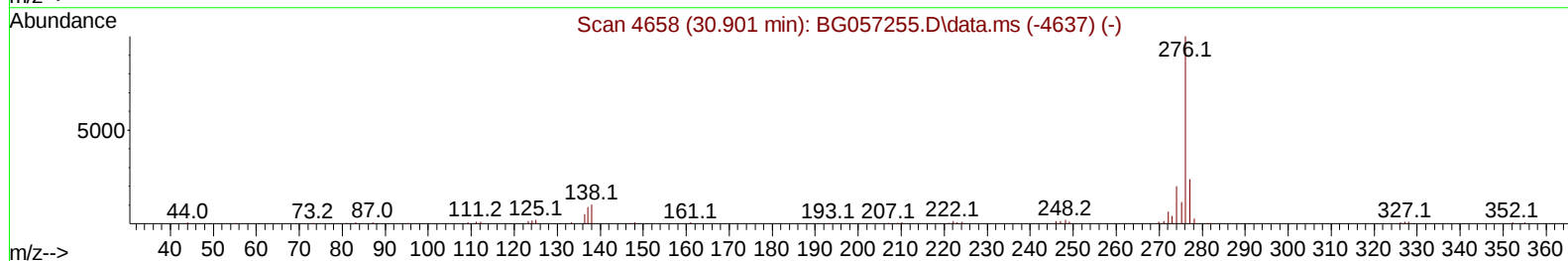
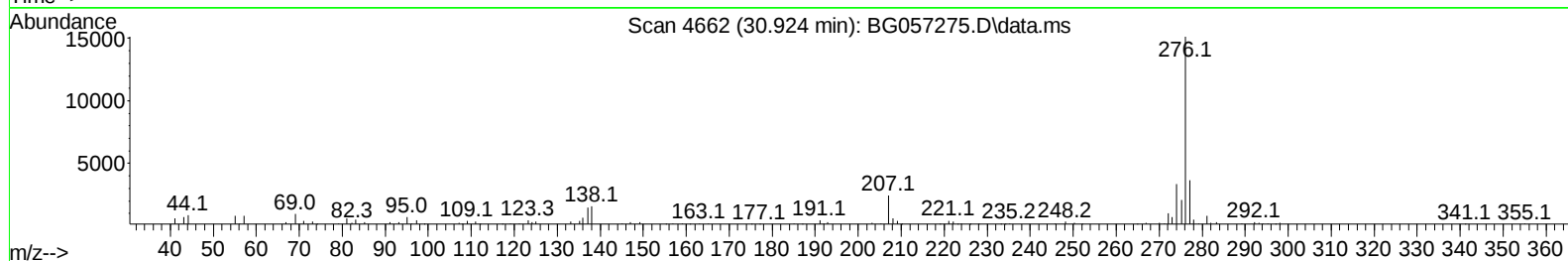
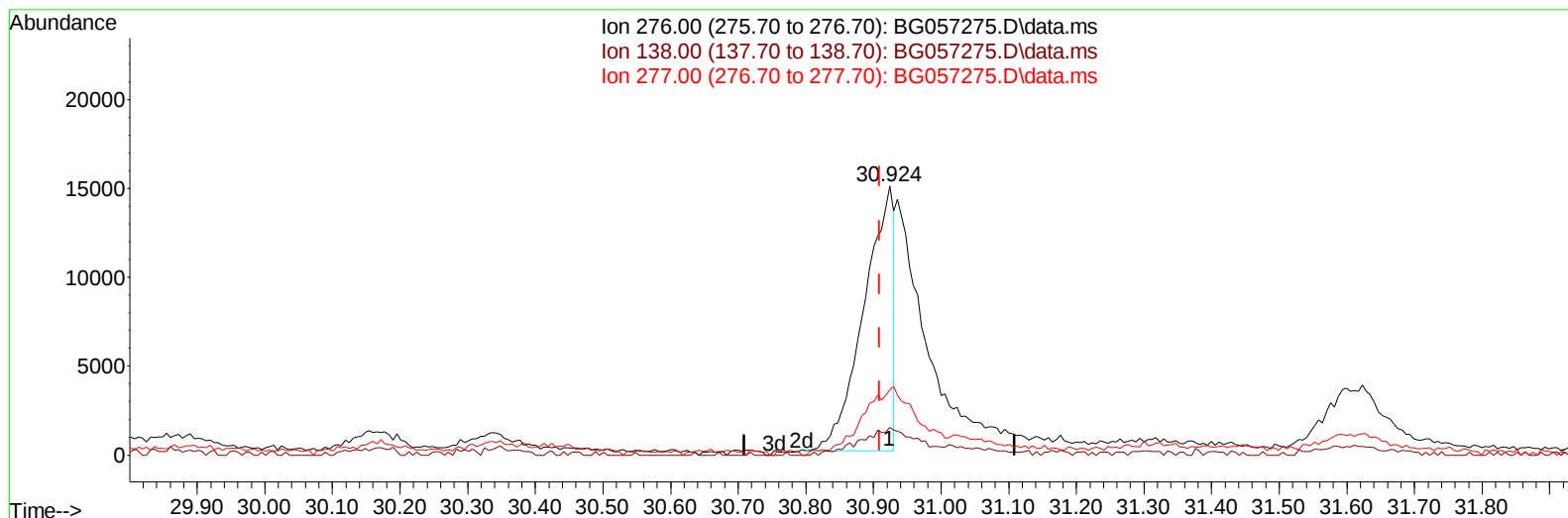
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 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BG057275.D\data.ms

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

30.924min (+ 0.014) 8.48 ng/u1

response 45700

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.37
277.00	23.00	24.11
0.00	0.00	0.00

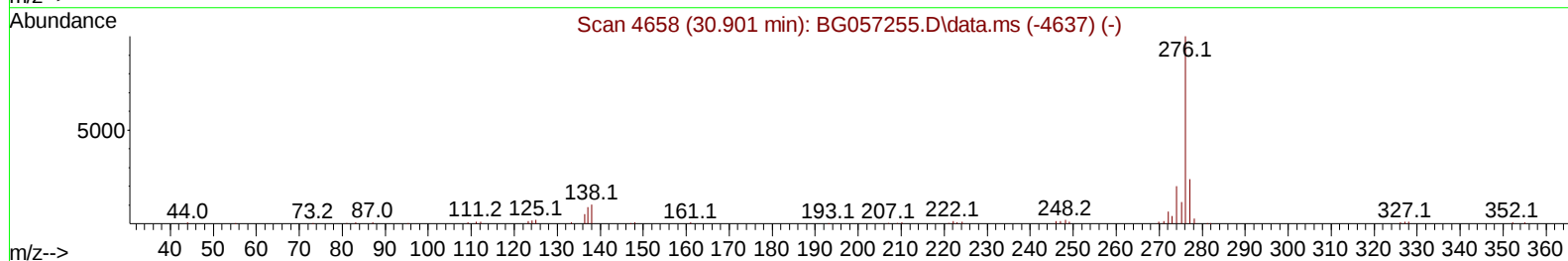
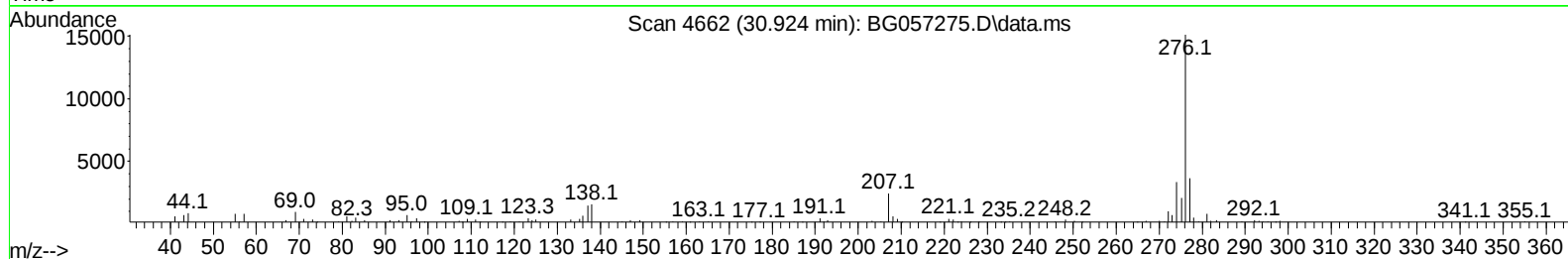
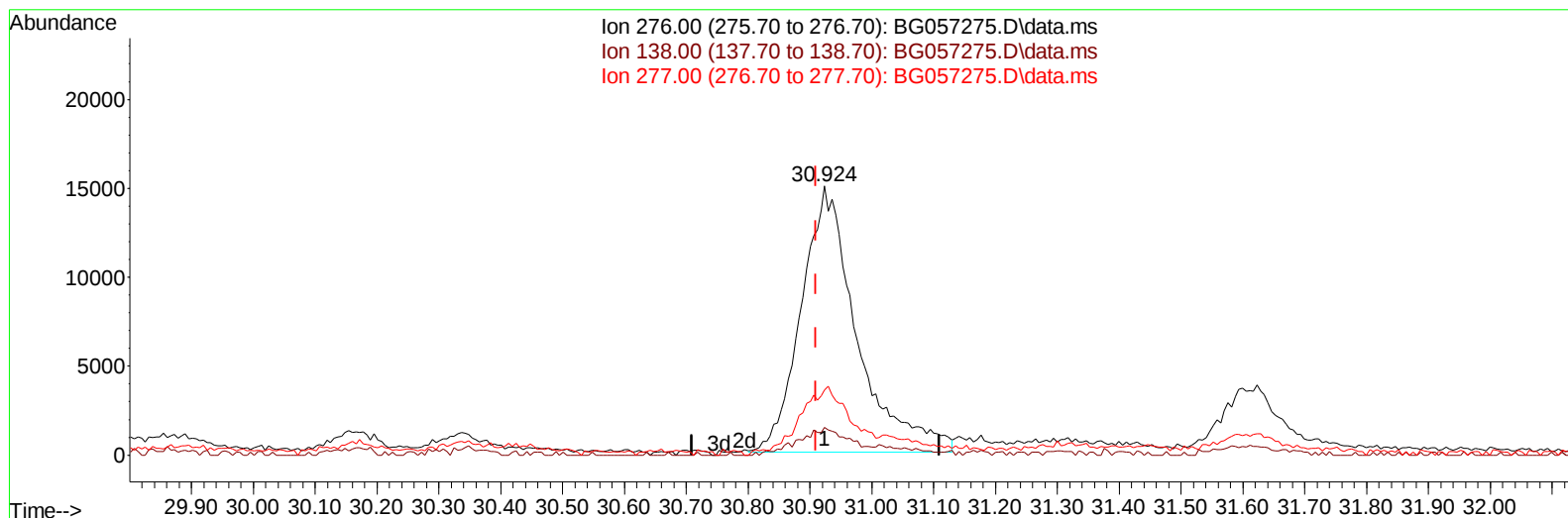
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 Data File : BG057275.D
 Acq On : 2 May 2023 12:21
 Operator : CG/JU
 Sample : 02419-32
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW927

Manual IntegrationsAPPROVED

Quant Time: May 03 01:40:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



TIC: BG057275.D\data.ms

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

30.924min (+ 0.014) 17.41 ng/ul m

response 93830

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.37
277.00	23.00	24.11
0.00	0.00	0.00

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Instrument :
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 EW927

Manual IntegrationsAPPROVED

Quant Time: May 03 01:41:06 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.384	152	14449	20.000	ng/ul	0.00
20) Naphthalene-d8	11.221	136	61721	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.992	164	45704	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	98690	20.000	ng/ul	0.00
79) Chrysene-d12	22.047	240	81385	20.000	ng/ul	# 0.00
88) Perylene-d12	25.578	264	89084	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	494	1.505	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.520	99	16355	11.969	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	10317	12.837	ng/ul	0.00
11) 2-Chlorophenol-d4	7.908	132	12065	13.398	ng/ul	0.00
15) 4-Methylphenol-d8	9.083	113	10805	10.404	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	6667	13.564	ng/ul	0.00
24) 2-Nitrophenol-d4	10.287	143	7584	13.221	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.833	165	14863	13.430	ng/ul	0.00
31) 4-Chloroaniline-d4	11.344	131	8650	5.897	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	50670	13.992	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160	59466	14.610	ng/ul	0.00
54) 4-Nitrophenol-d4	15.186	143	3668	6.958	ng/ul	0.00
60) Fluorene-d10	15.979	176	45306	13.429	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.097	200	2245	3.839	ng/ul	0.00
73) Anthracene-d10	17.830	188	65551	14.552	ng/ul	0.00
81) Pyrene-d10	20.097	212	74193	15.359	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.331	264	68288	15.046	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.212	105	3619	2.025	ng/ul	93
30) Naphthalene	11.274	128	7918	2.336	ng/ul	98
36) 2-Methylnaphthalene	12.848	142	4949	1.991	ng/ul	92
37) 1-Methylnaphthalene	13.066	142	3432	1.373	ng/ul#	98
52) Acenaphthene	15.057	153	11907	4.040	ng/ul	88
56) Dibenzofuran	15.392	168	10613	2.494	ng/ul	99
61) Fluorene	16.032	166	13010	3.615	ng/ul	99
72) Phenanthrene	17.777	178	169259	32.934	ng/ul	100
74) Anthracene	17.865	178	43077	8.344	ng/ul	98
77) Carbazole	18.129	167	12941	3.000	ng/ul	94
78) Di-n-butylphthalate	18.646	149	5314	1.077	ng/ul#	81
80) Fluoranthene	19.768	202	376040	65.531	ng/ul#	96
82) Pyrene	20.132	202	339974	58.524	ng/ul#	95
83) Butylbenzylphthalate	20.978	149	3944	2.120	ng/ul#	84
85) Benzo(a)anthracene	22.030	228	190551	33.105	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.871	149	28584	10.564	ng/ul	96
87) Chrysene	22.100	228	175205	32.263	ng/ul	95
90) Benzo(b)fluoranthene	24.450	252	222920	36.136	ng/ul	98
91) Benzo(k)fluoranthene	24.515	252	91746m	15.287	ng/ul	
93) Benzo(a)pyrene	25.414	252	183293m	34.416	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.643	276	106703	16.028	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.690	278	26366m	4.776	ng/ul	
96) Benzo(g,h,i)perylene	30.924	276	93830m	17.415	ng/ul	

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

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

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