

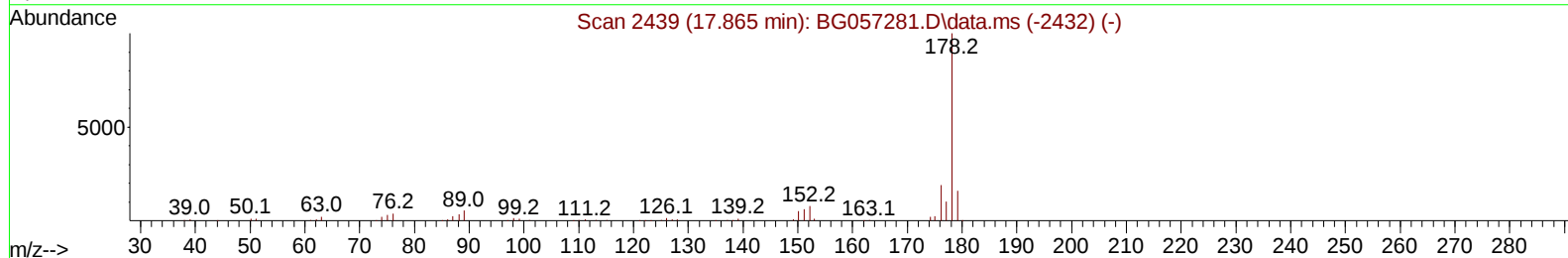
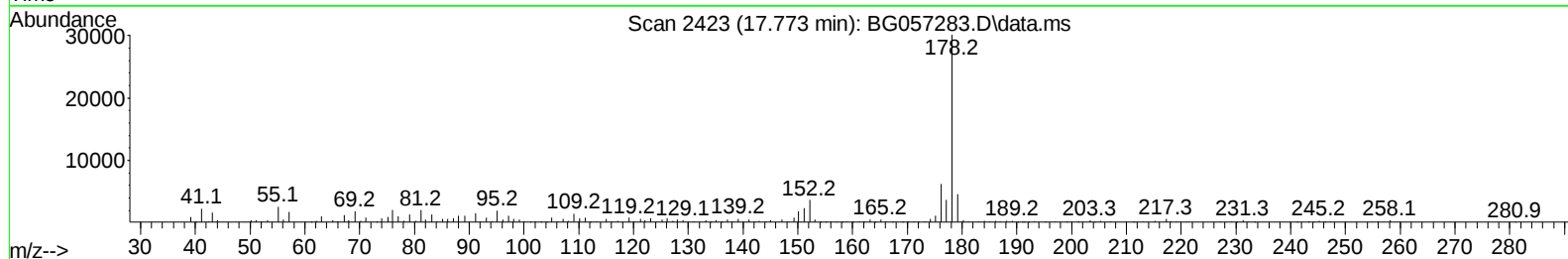
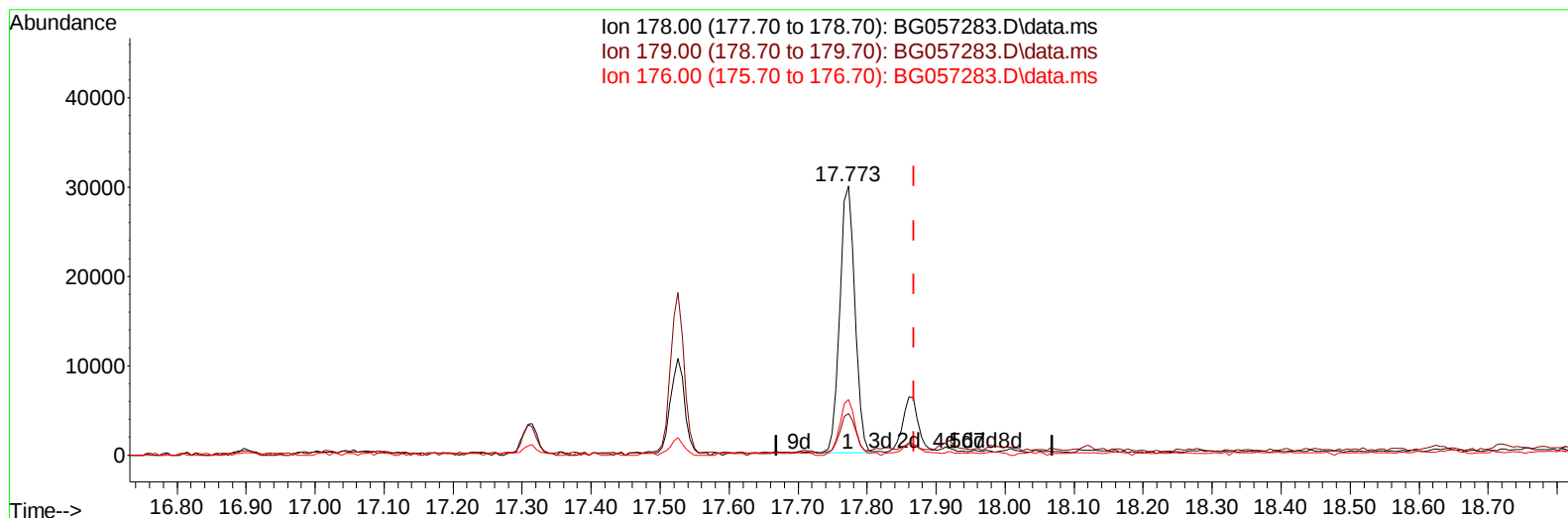
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057283.D
 Acq On : 3 May 2023 12:29
 Operator : CG/JU
 Sample : 02419-24
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW921

Manual IntegrationsAPPROVED

Quant Time: May 04 01:14:37 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 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BG057283.D\data.ms

(74) Anthracene

17.773min (-0.096) 8.52 ng/u1

response 45477

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	15.43
176.00	18.40	20.76
0.00	0.00	0.00

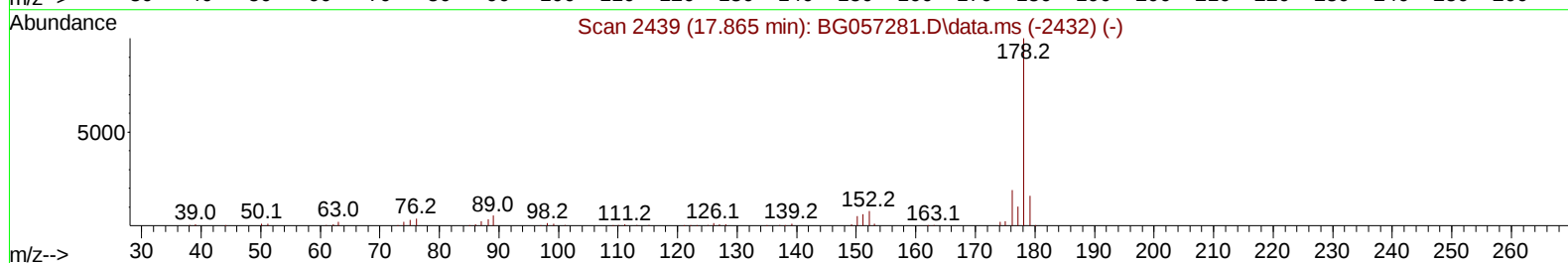
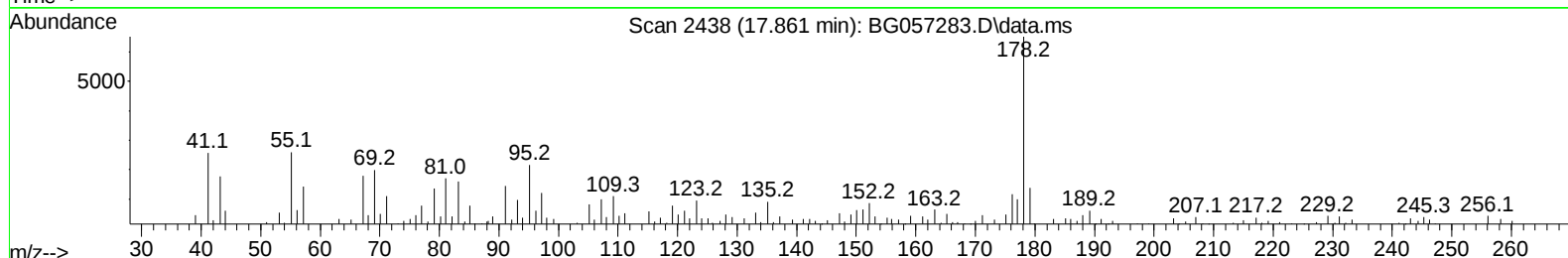
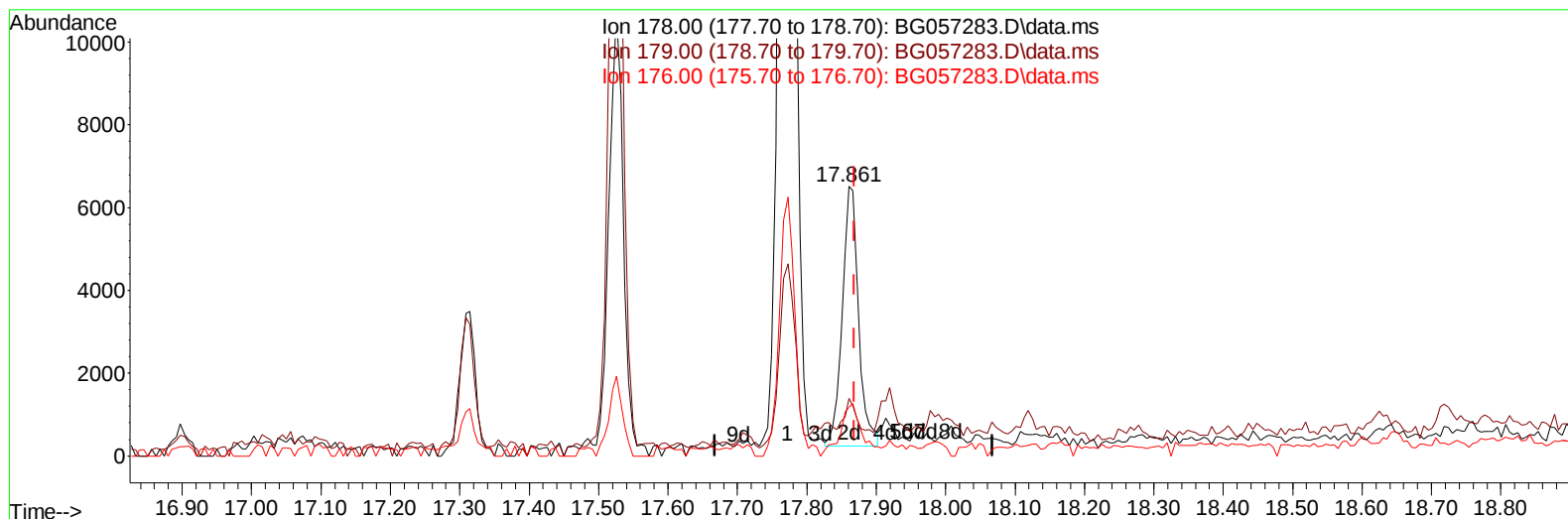
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
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TIC: BG057283.D\data.ms

(74) Anthracene

17.861min (-0.008) 1.92 ng/ul m

response 10266

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	21.32#
176.00	18.40	18.00
0.00	0.00	0.00

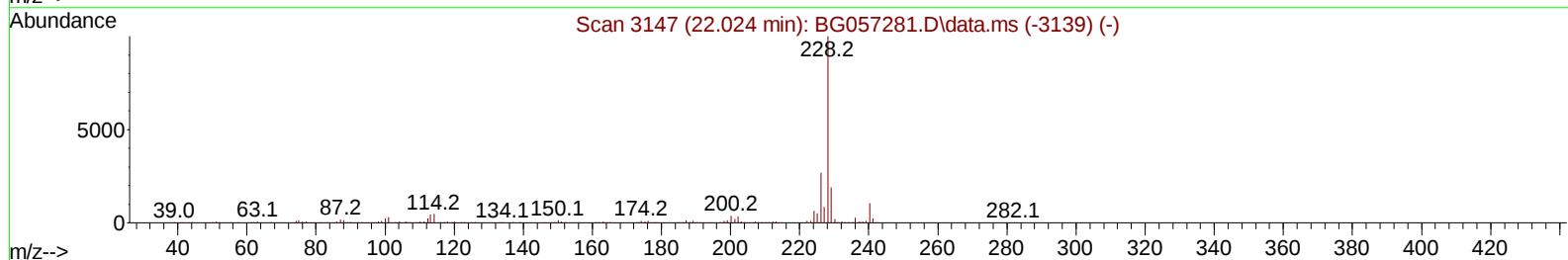
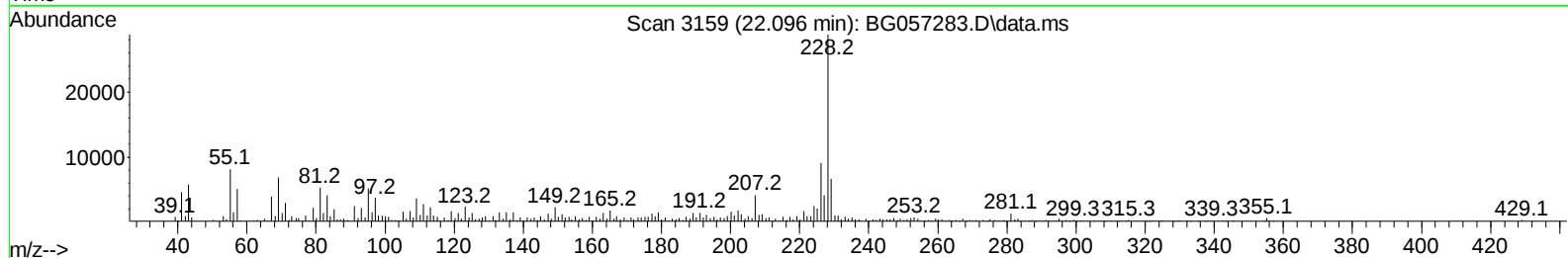
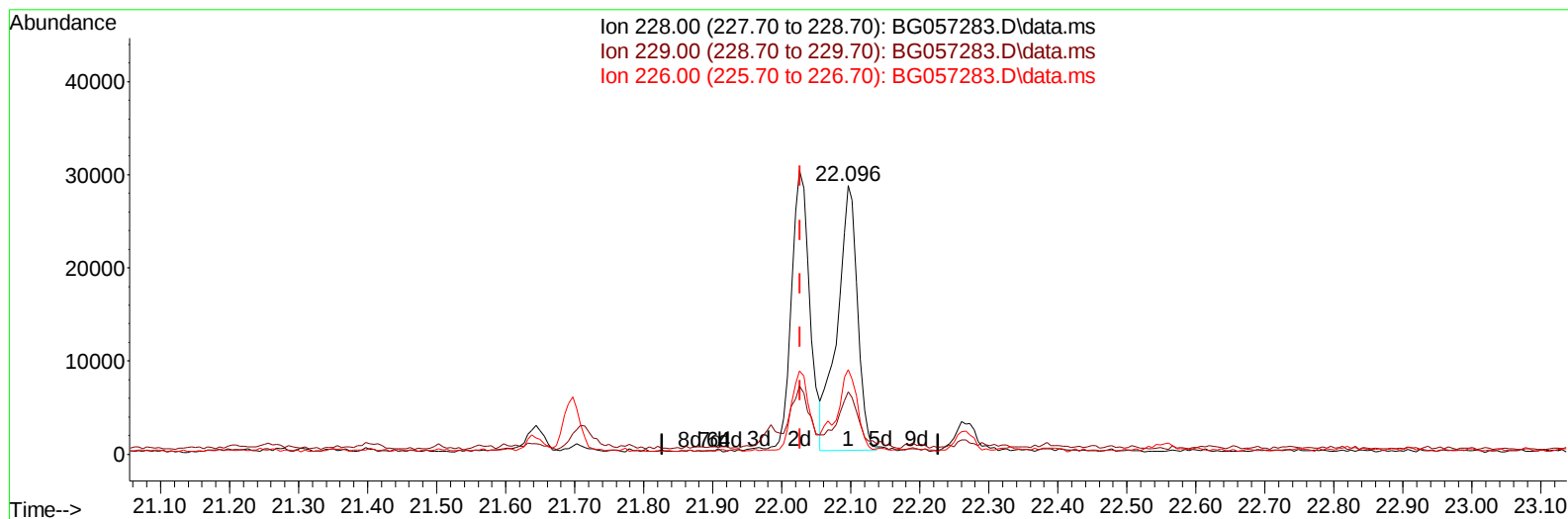
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TIC: BG057283.D\data.ms

(85) Benzo(a)anthracene

22.096min (+ 0.069) 9.33 ng/u1

response 58128

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.70	23.17
226.00	27.10	31.54
0.00	0.00	0.00

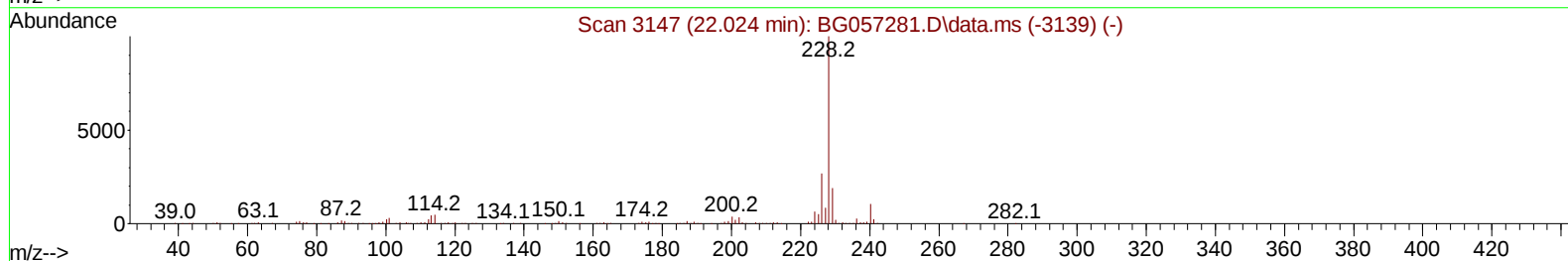
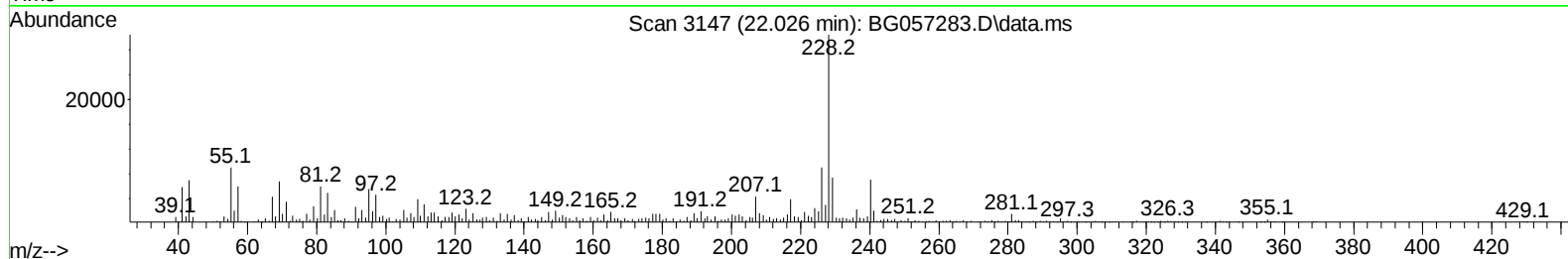
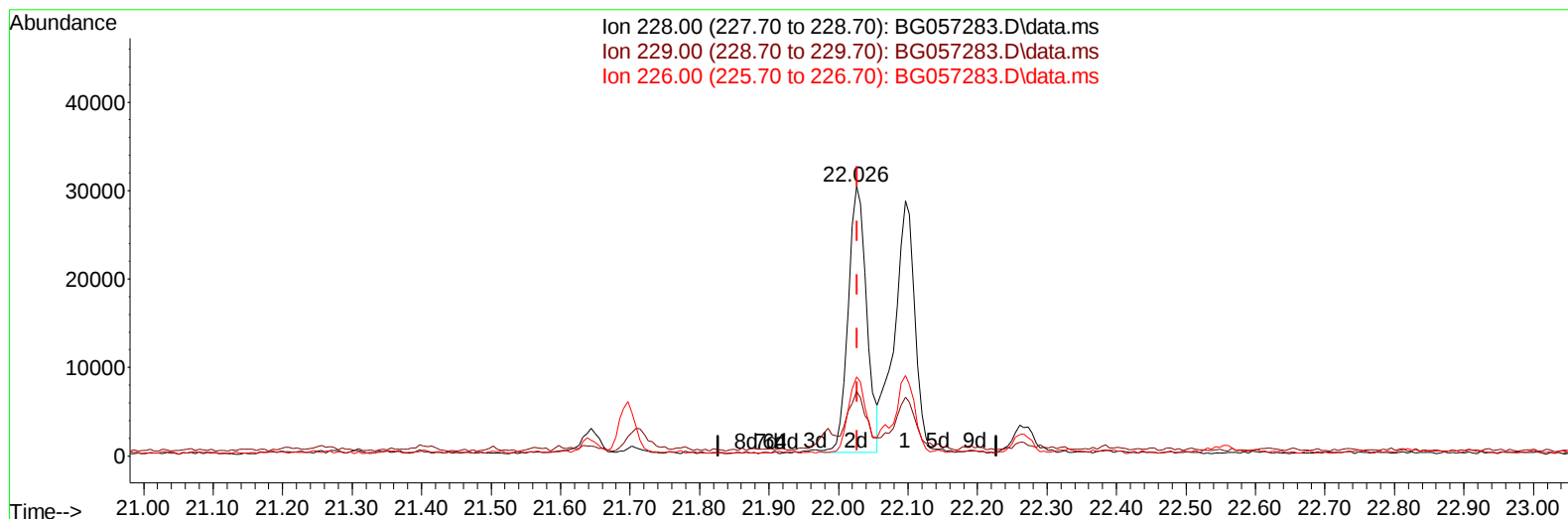
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TIC: BG057283.D\data.ms

(85) Benzo(a)anthracene

22.026min (-0.002) 8.90 ng/u1 m

response 55437

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.70	24.06#
226.00	27.10	29.40
0.00	0.00	0.00

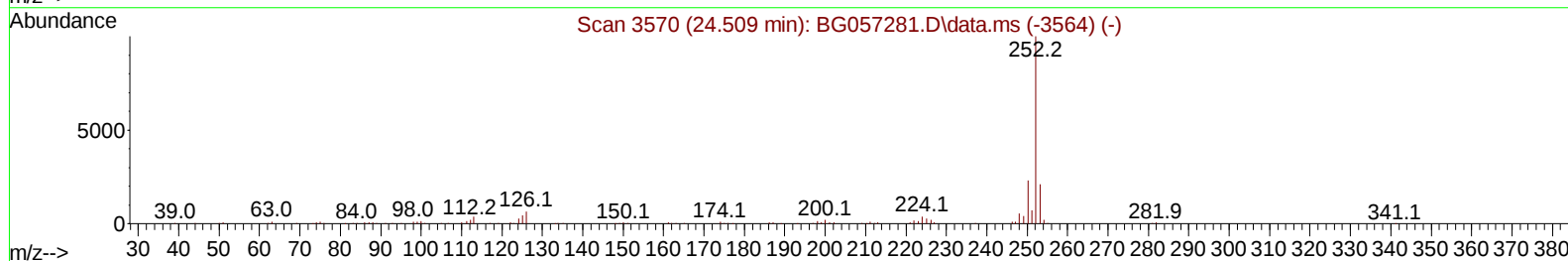
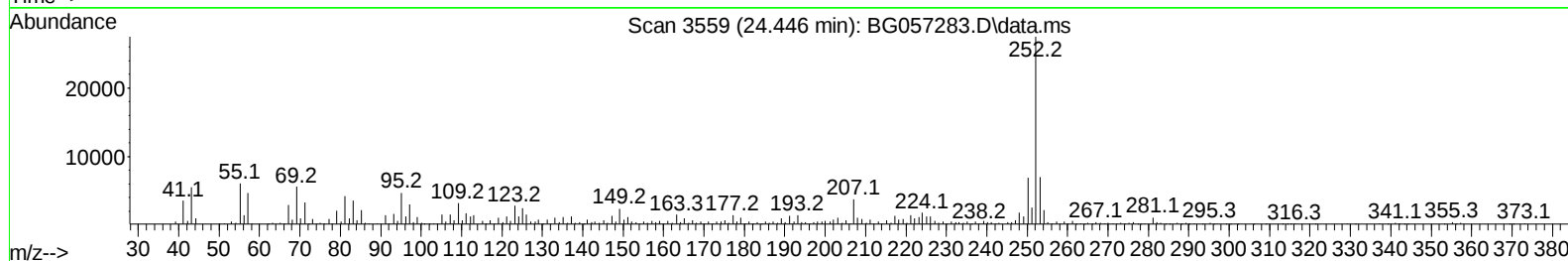
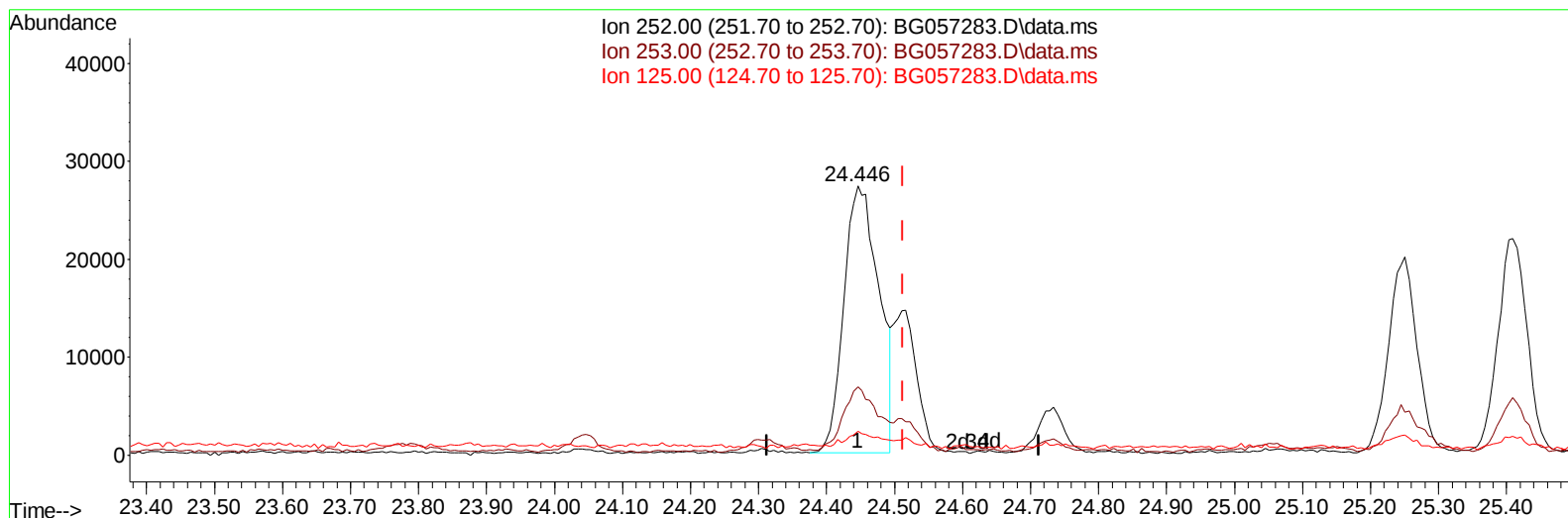
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
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TIC: BG057283.D\data.ms

(91) Benzo(k)fluoranthene

24.446min (-0.066) 10.15 ng/u1

response 97698

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	25.40
125.00	5.60	8.93#
0.00	0.00	0.00

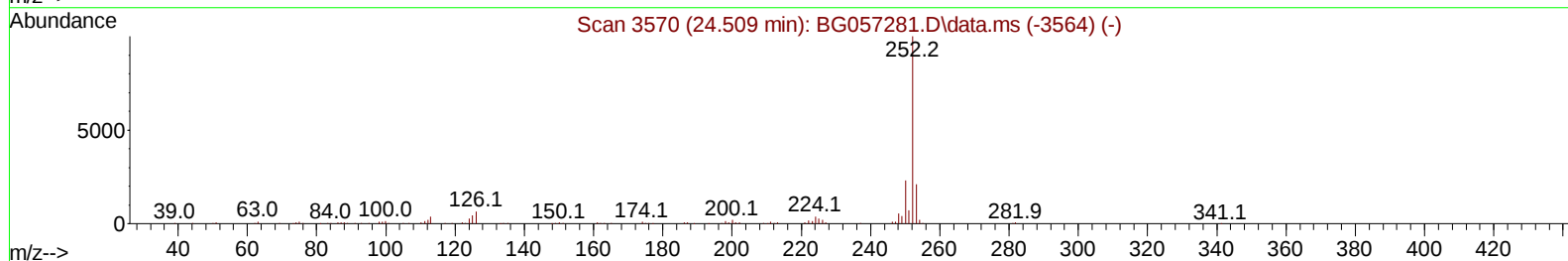
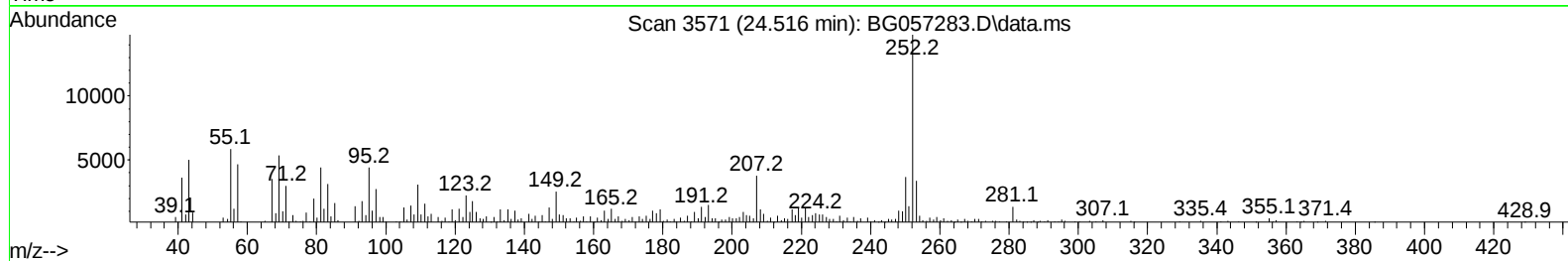
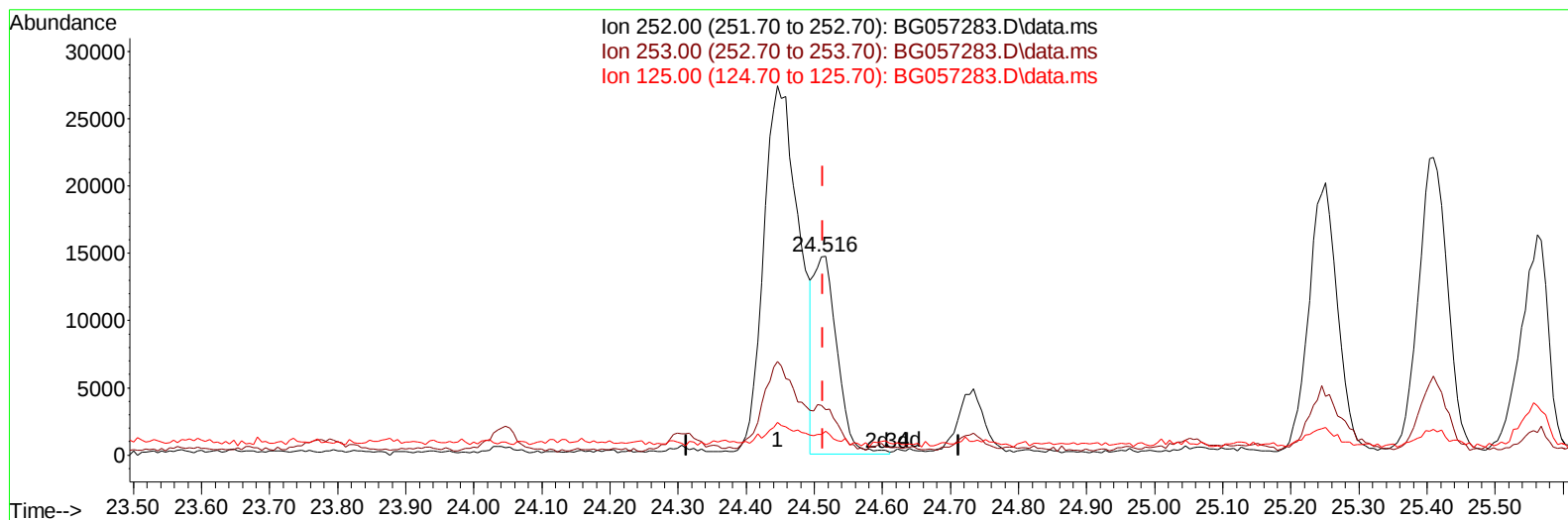
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057283.D
 Acq On : 3 May 2023 12:29
 Operator : CG/JU
 Sample : 02419-24
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW921

Manual IntegrationsAPPROVED

Quant Time: May 04 01:26:07 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
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Reviewed By :Christian Giraldo 05/04/2023
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TIC: BG057283.D\data.ms

(91) Benzo(k)fluoranthene

24.516min (+ 0.004) 3.69 ng/u1 m

response 35508

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.94
125.00	5.60	12.04#
0.00	0.00	0.00

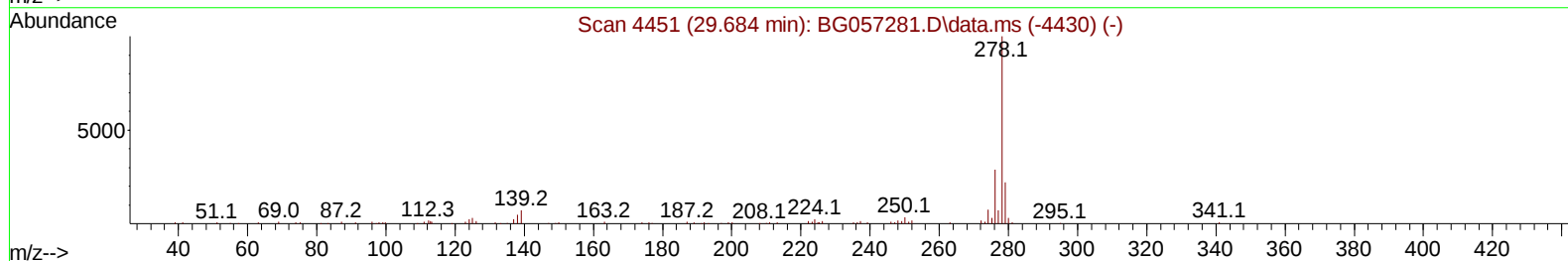
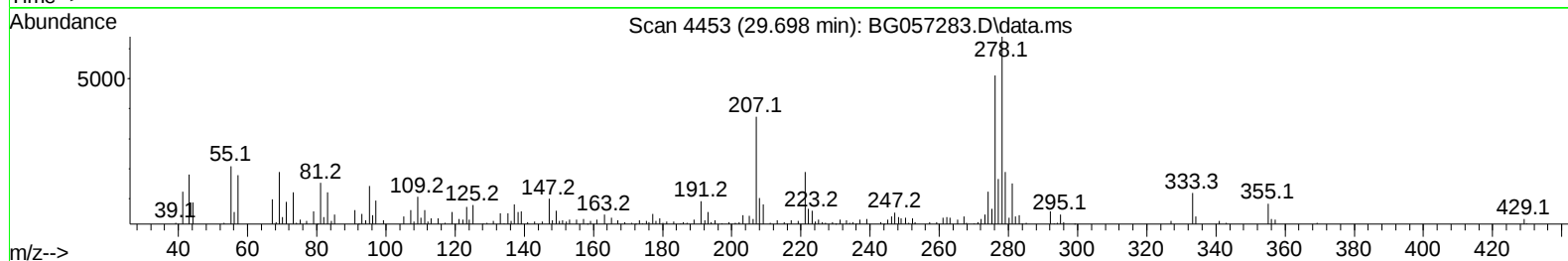
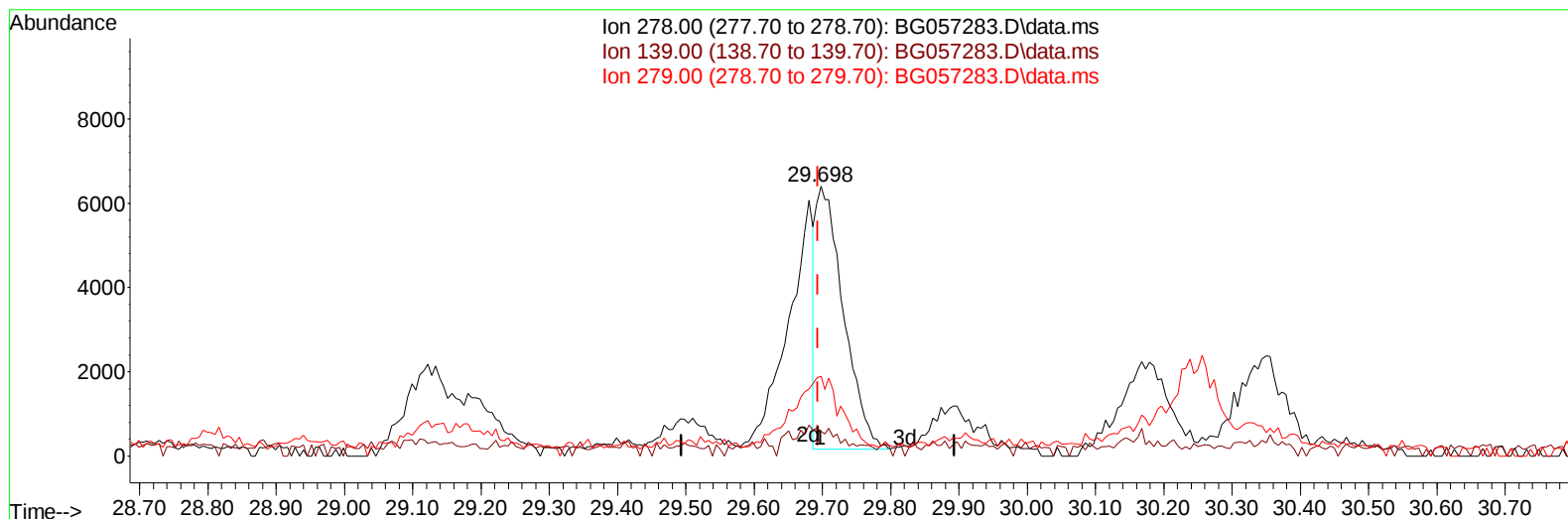
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: May 04 01:26:07 2023
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TIC: BG057283.D\data.ms

(95) Dibenzo(a,h)anthracene

29.698min (+ 0.004) 1.97 ng/u1

response 17420

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	8.98#
279.00	22.90	29.58#
0.00	0.00	0.00

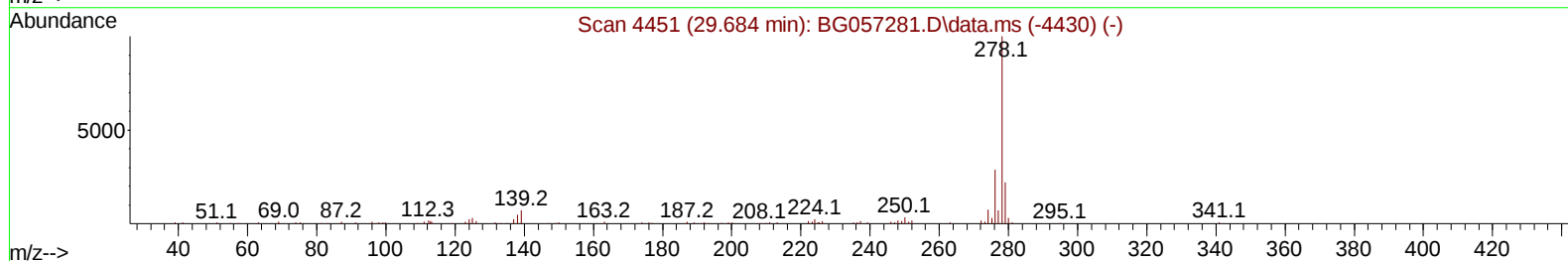
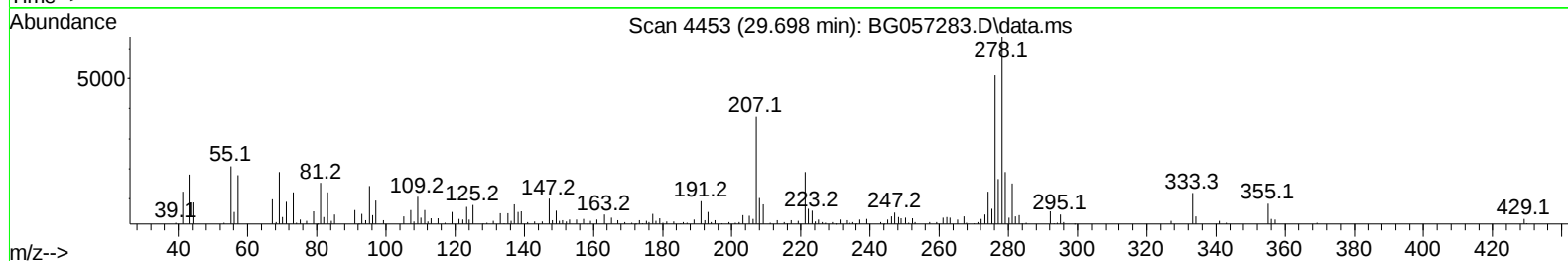
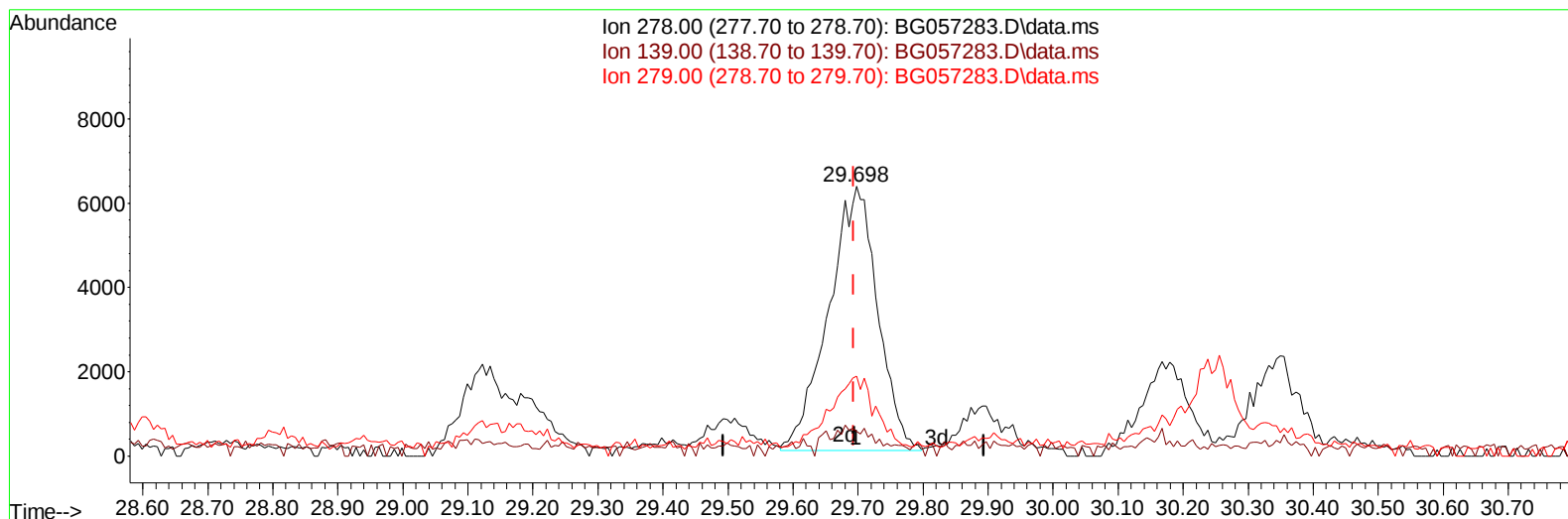
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Acq On : 3 May 2023 12:29
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Sample : 02419-24
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW921

Manual IntegrationsAPPROVED

Quant Time: May 04 01:26:07 2023
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Quant Title : SVOA CALIBRATION
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TIC: BG057283.D\data.ms

(95) Dibenzo(a,h)anthracene

29.698min (+ 0.004) 3.72 ng/ul m

response 32937

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	8.98#
279.00	22.90	29.58#
0.00	0.00	0.00

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 Sample : 02419-24
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 EW921

Manual IntegrationsAPPROVED

Quant Time: May 04 01:27:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	15627	20.000	ng/ul	0.00
20) Naphthalene-d8	11.211	136	62309	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.988	164	44702	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.732	188	101988	20.000	ng/ul	0.00
79) Chrysene-d12	22.049	240	88088	20.000	ng/ul	0.00
88) Perylene-d12	25.568	264	142840	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.656	96	661	1.861	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.510	99	15713	10.632	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.680	67	9438	10.858	ng/ul	0.00
11) 2-Chlorophenol-d4	7.904	132	11478	11.786	ng/ul	0.00
15) 4-Methylphenol-d8	9.073	113	11766	10.475	ng/ul	0.00
21) Nitrobenzene-d5	9.548	128	5898	11.886	ng/ul	0.00
24) 2-Nitrophenol-d4	10.277	143	7206	12.444	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.829	165	13244	11.854	ng/ul	0.00
31) 4-Chloroaniline-d4	11.346	131	6398	4.321	ng/ul	0.00
46) Dimethylphthalate-d6	14.371	166	45687	12.898	ng/ul	0.00
49) Acenaphthylene-d8	14.689	160	54009	13.567	ng/ul	0.00
54) 4-Nitrophenol-d4	15.182	143	4261	8.264	ng/ul	0.00
60) Fluorene-d10	15.975	176	42170	12.780	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.093	200	4765	7.886	ng/ul	0.00
73) Anthracene-d10	17.831	188	64452	13.845	ng/ul	0.00
81) Pyrene-d10	20.099	212	78086	14.934	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.333	264	70402	9.674	ng/ul	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	9.202	105	9139	4.728	ng/ul	91
36) 2-Methylnaphthalene	12.844	142	3121	1.244	ng/ul	89
72) Phenanthrene	17.773	178	45660	8.597	ng/ul	97
74) Anthracene	17.861	178	10266m	1.924	ng/ul	
77) Carbazole	18.125	167	4979	1.117	ng/ul	94
78) Di-n-butylphthalate	18.648	149	118363	23.217	ng/ul	99
80) Fluoranthene	19.764	202	98694	15.890	ng/ul#	95
82) Pyrene	20.128	202	91198	14.504	ng/ul#	97
83) Butylbenzylphthalate	20.980	149	28971	14.388	ng/ul	96
85) Benzo(a)anthracene	22.026	228	55437m	8.898	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.873	149	335884	114.692	ng/ul	97
87) Chrysene	22.096	228	56322	9.582	ng/ul	93
89) Di-n-octyl phthalate	23.183	149	39944	5.064	ng/ul	100
90) Benzo(b)fluoranthene	24.446	252	97698	9.877	ng/ul#	91
91) Benzo(k)fluoranthene	24.516	252	35508m	3.690	ng/ul	
93) Benzo(a)pyrene	25.409	252	64835	7.592	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	29.645	276	81262	7.613	ng/ul#	98
95) Dibenzo(a,h)anthracene	29.698	278	32937m	3.721	ng/ul	
96) Benzo(g,h,i)perylene	30.931	276	87390	10.115	ng/ul	99

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

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