

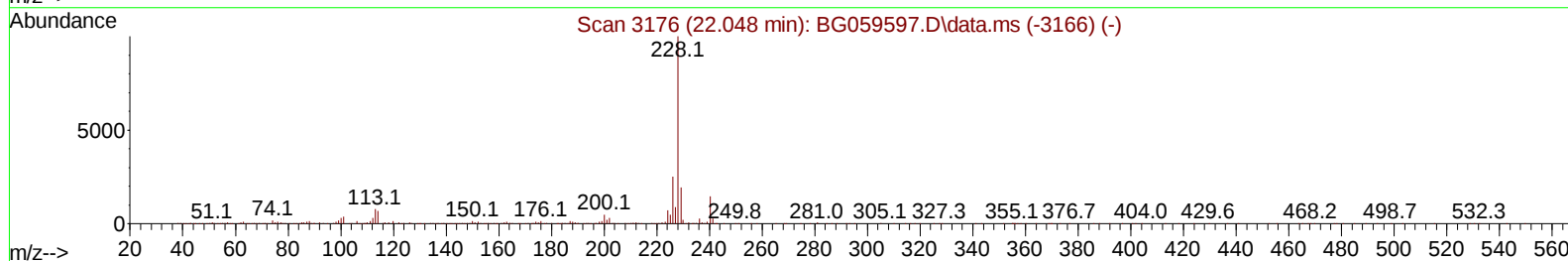
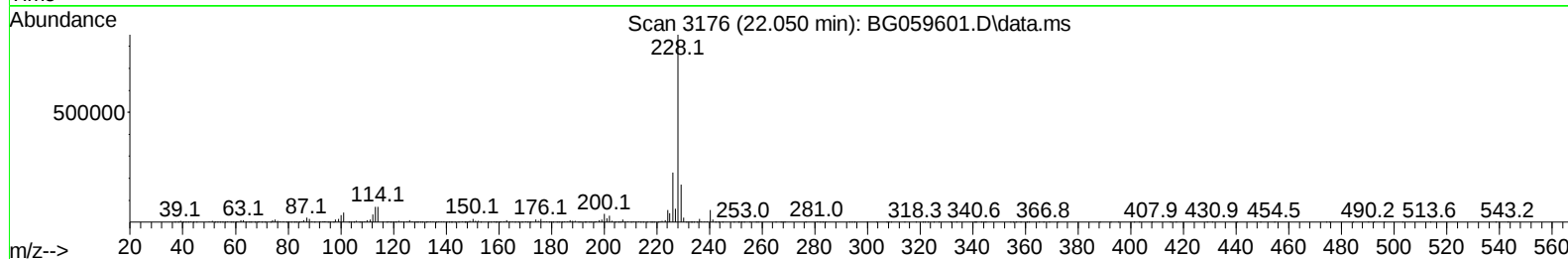
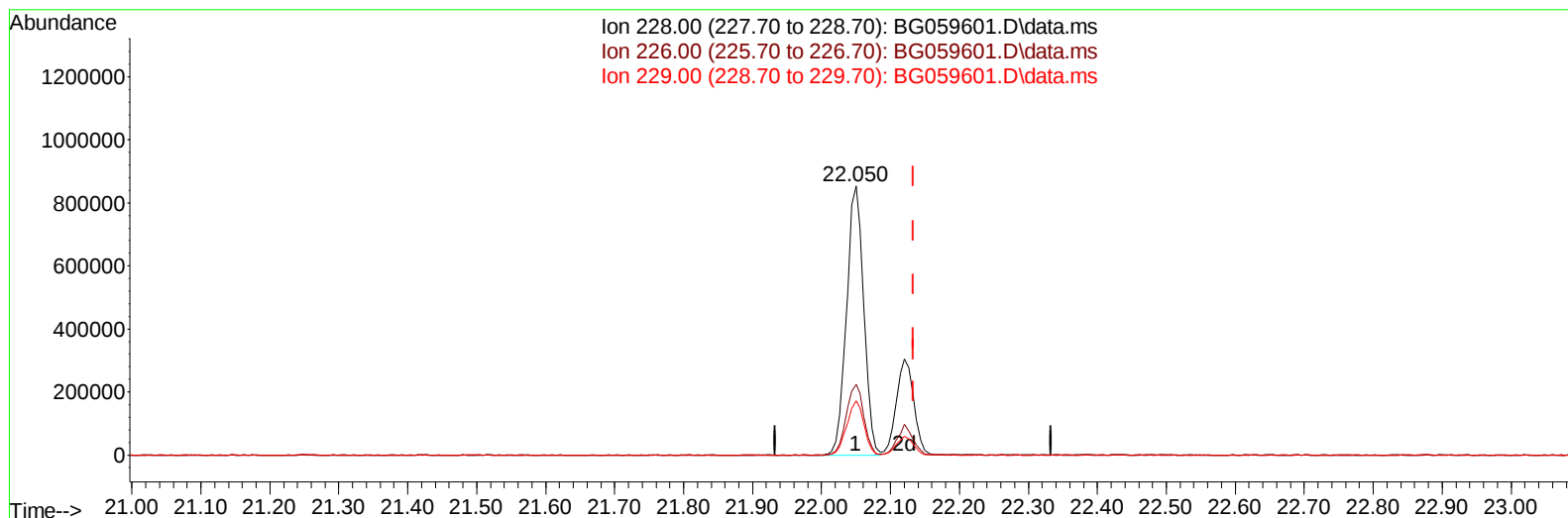
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
 Data File : BG059601.D
 Acq On : 2 Nov 2023 13:33
 Operator : MA/JU
 Sample : 04996-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4A86

Manual IntegrationsAPPROVED

Quant Time: Nov 03 04:54:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023



TIC: BG059601.D\data.ms

(87) Chrysene

22.050min (-0.084) 33.12 ng/u1

response 1477992

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	26.20	26.34
229.00	18.90	20.15
0.00	0.00	0.00

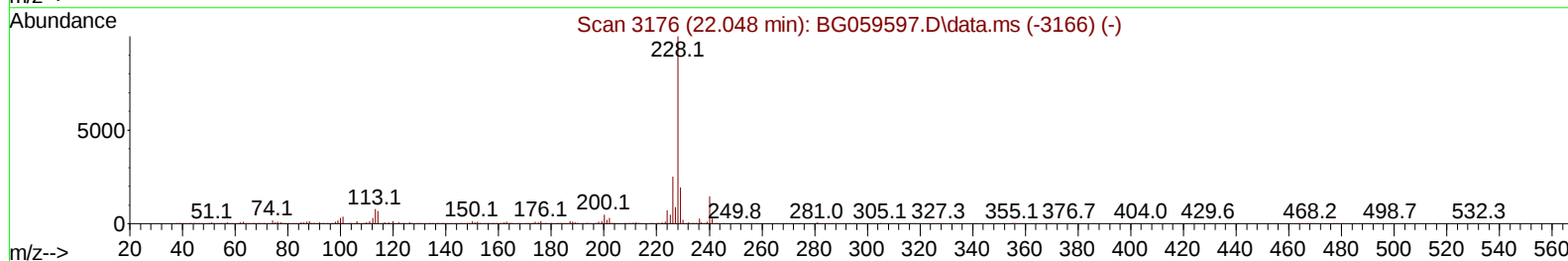
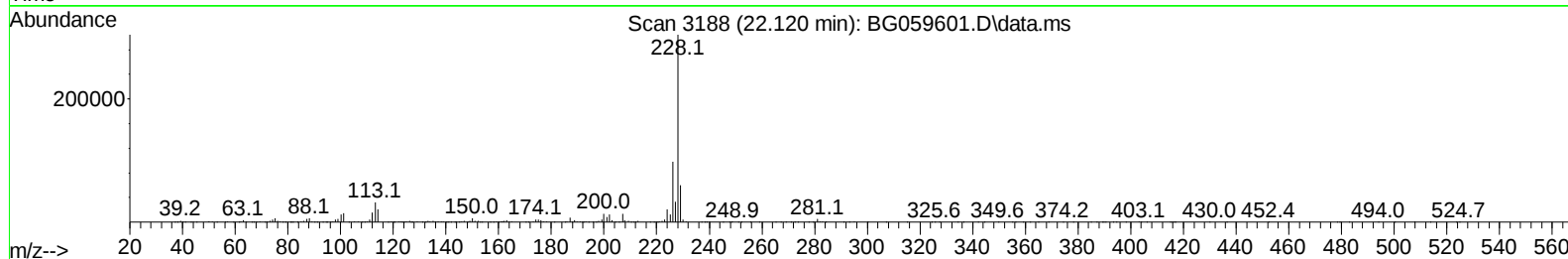
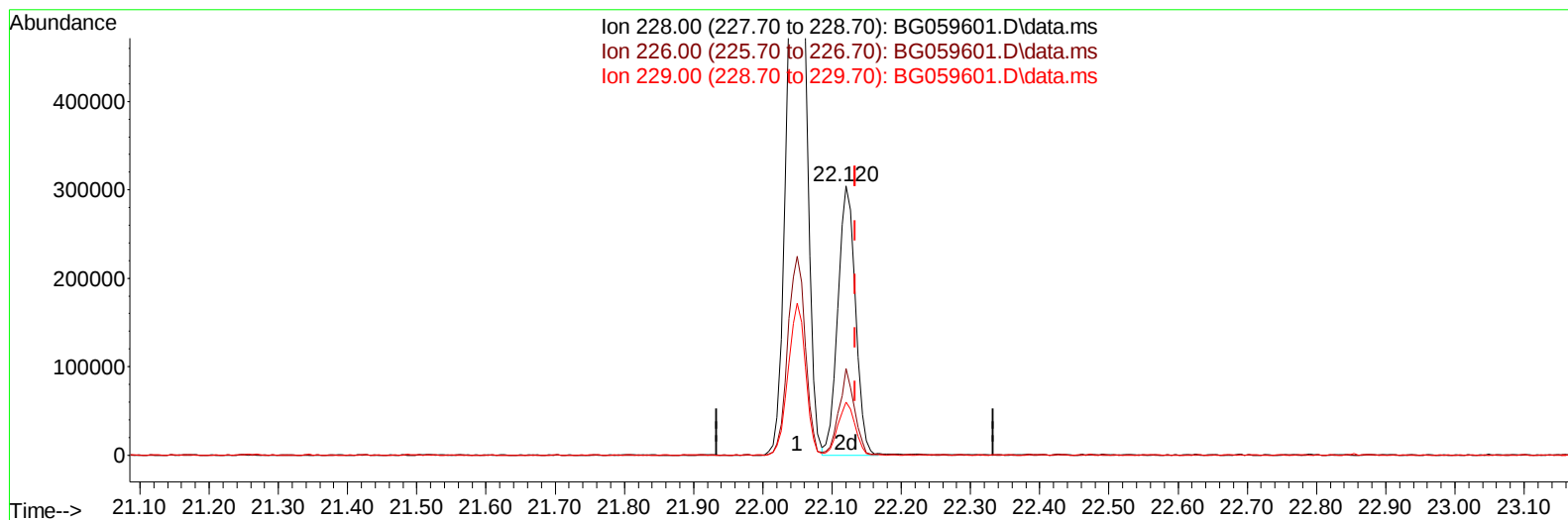
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
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TIC: BG059601.D\data.ms

(87) Chrysene

22.120min (-0.013) 12.01 ng/ul m

response 536197

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	26.20	32.17#
229.00	18.90	19.59
0.00	0.00	0.00

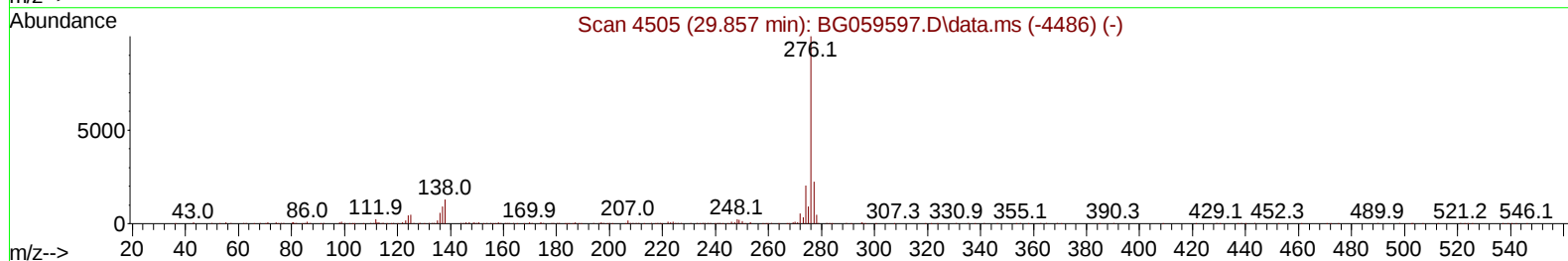
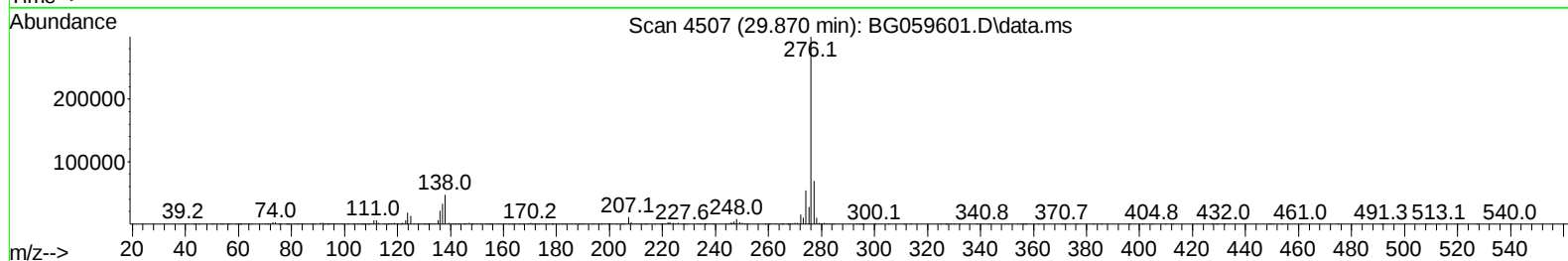
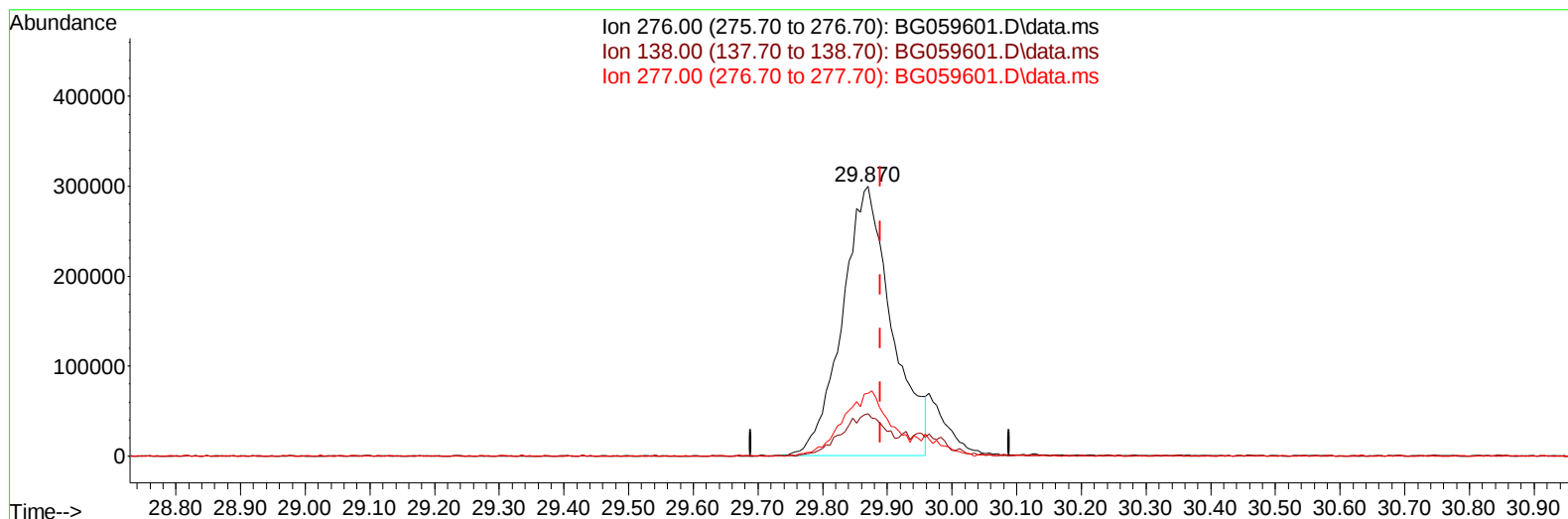
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TIC: BG059601.D\data.ms

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

29.870min (-0.019) 30.15 ng/u1

response 1590970

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	15.70
277.00	20.50	23.23
0.00	0.00	0.00

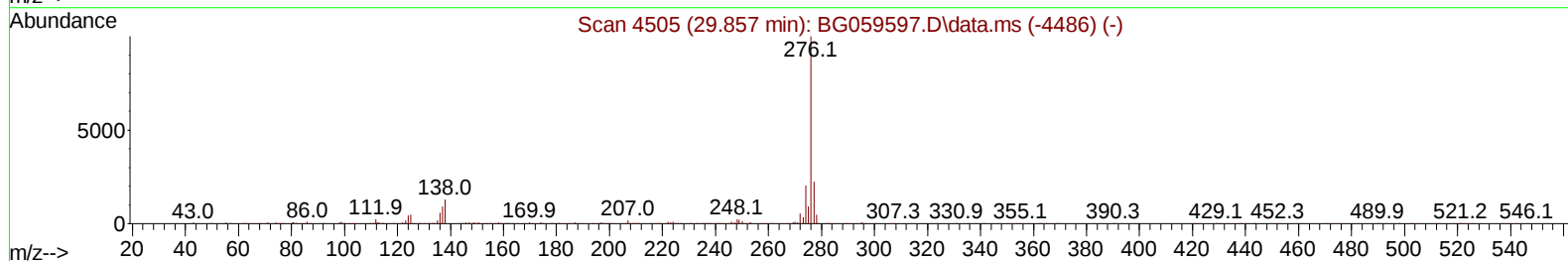
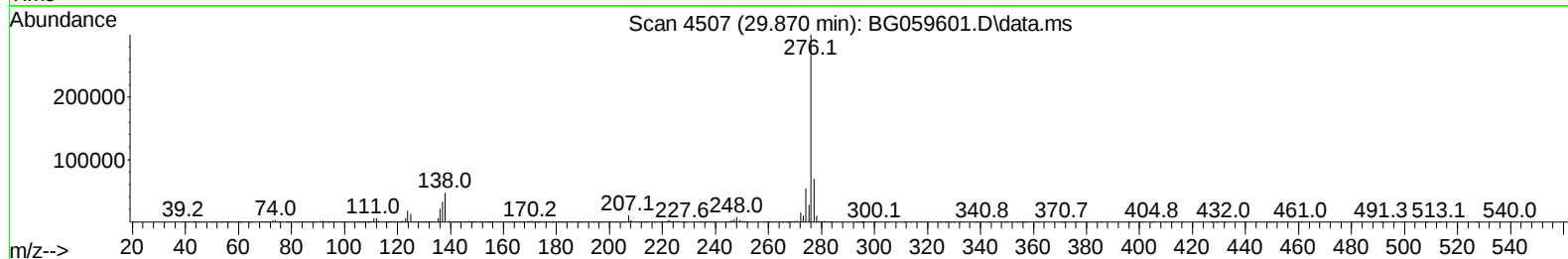
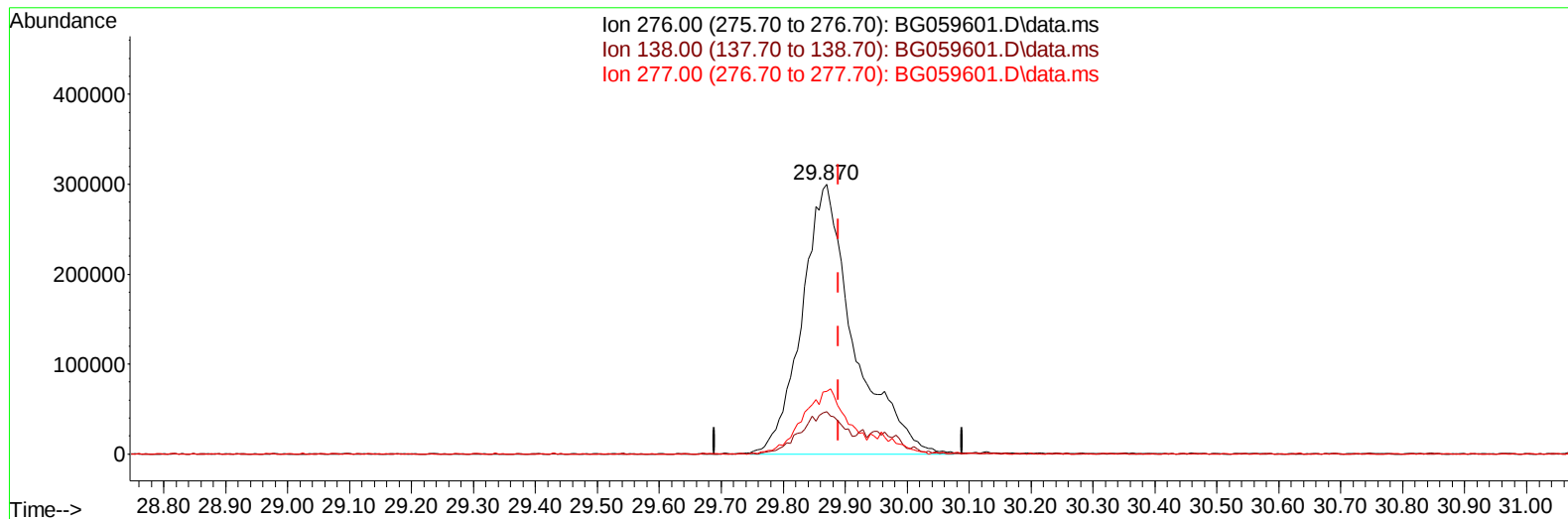
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059601.D
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 03 04:10:34 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
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TIC: BG059601.D\data.ms

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

29.870min (-0.019) 33.01 ng/ul m

response 1742270

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	15.70
277.00	20.50	23.23
0.00	0.00	0.00

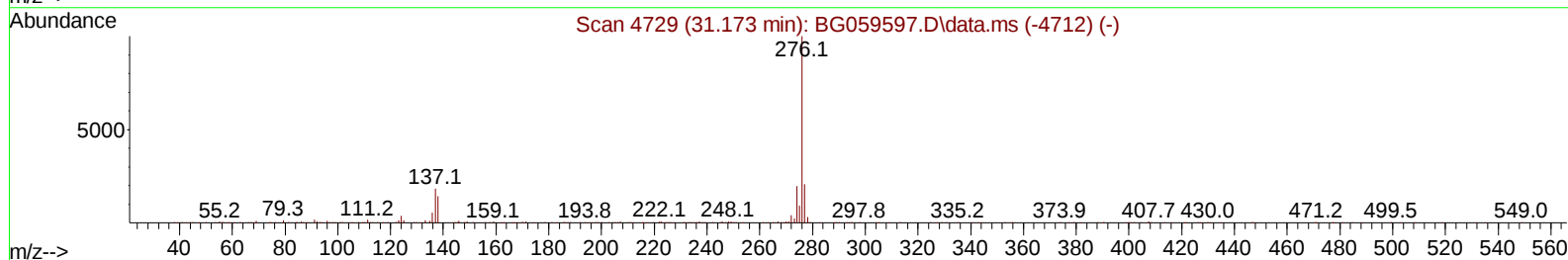
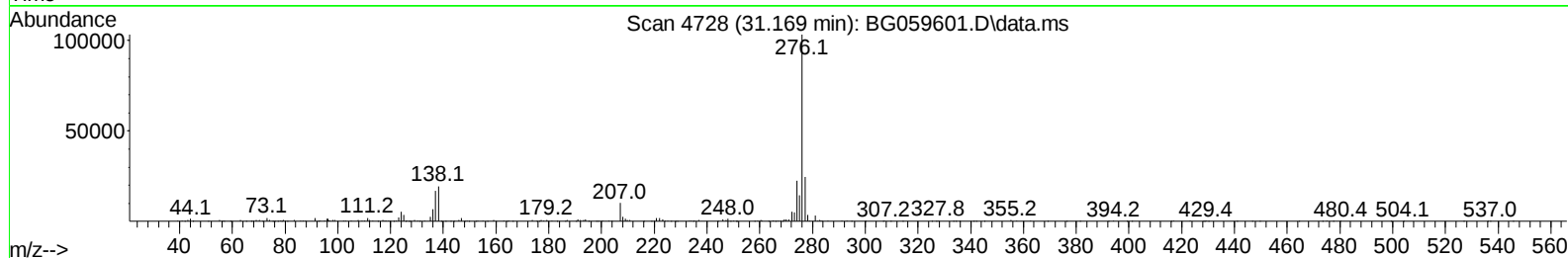
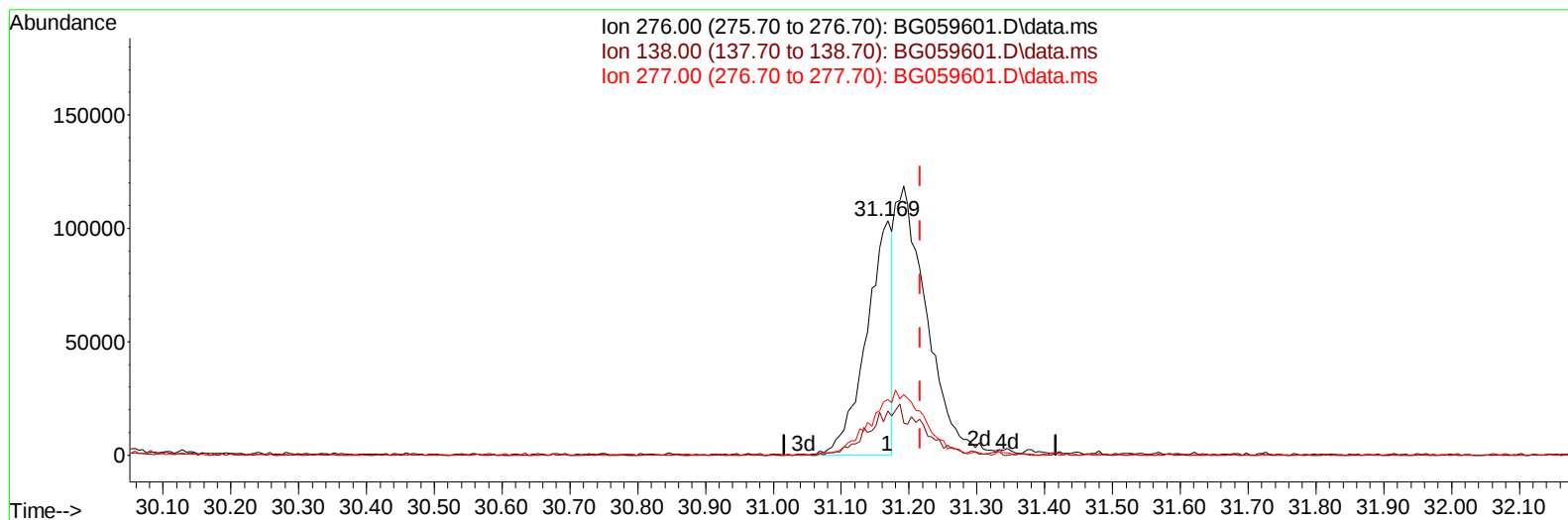
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
Data File : BG059601.D
Acq On : 2 Nov 2023 13:33
Operator : MA/JU
Sample : 04996-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4A86

Manual IntegrationsAPPROVED

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Response via : Initial Calibration



TIC: BG059601.D\data.ms

(96) Benzo(g,h,i)perylene**31.169min (-0.048) 6.37 ng/u1****response 275056**

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.20	18.92
277.00	22.80	23.73
0.00	0.00	0.00

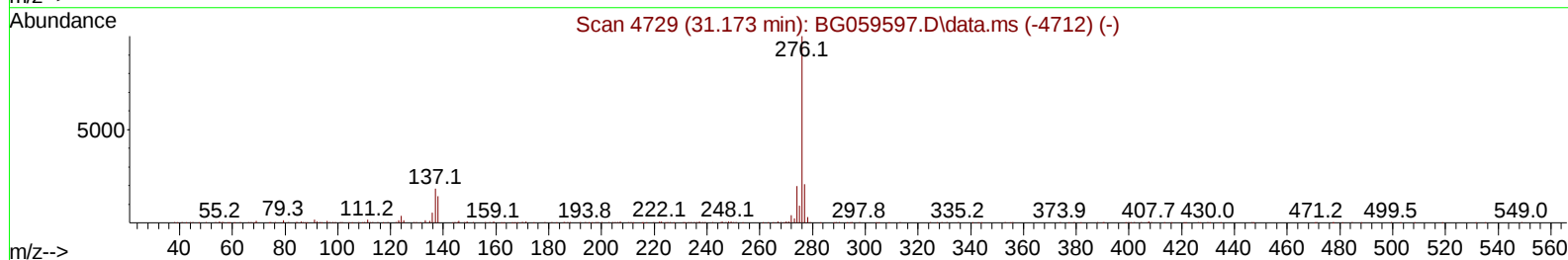
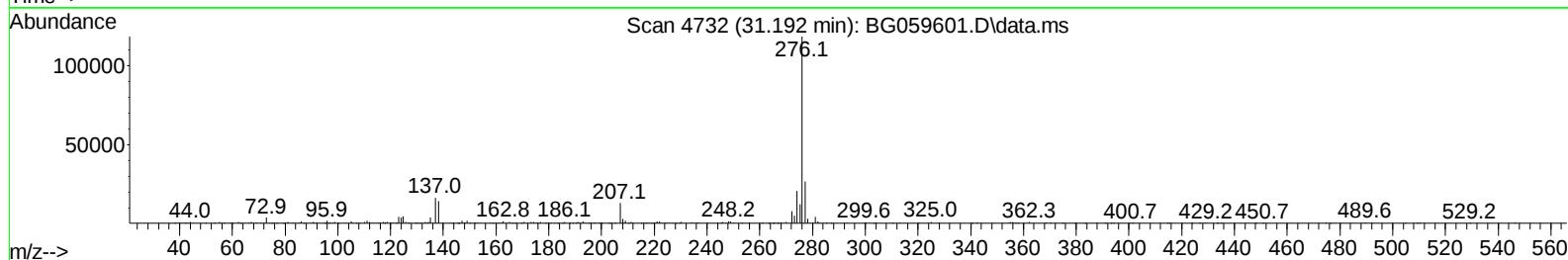
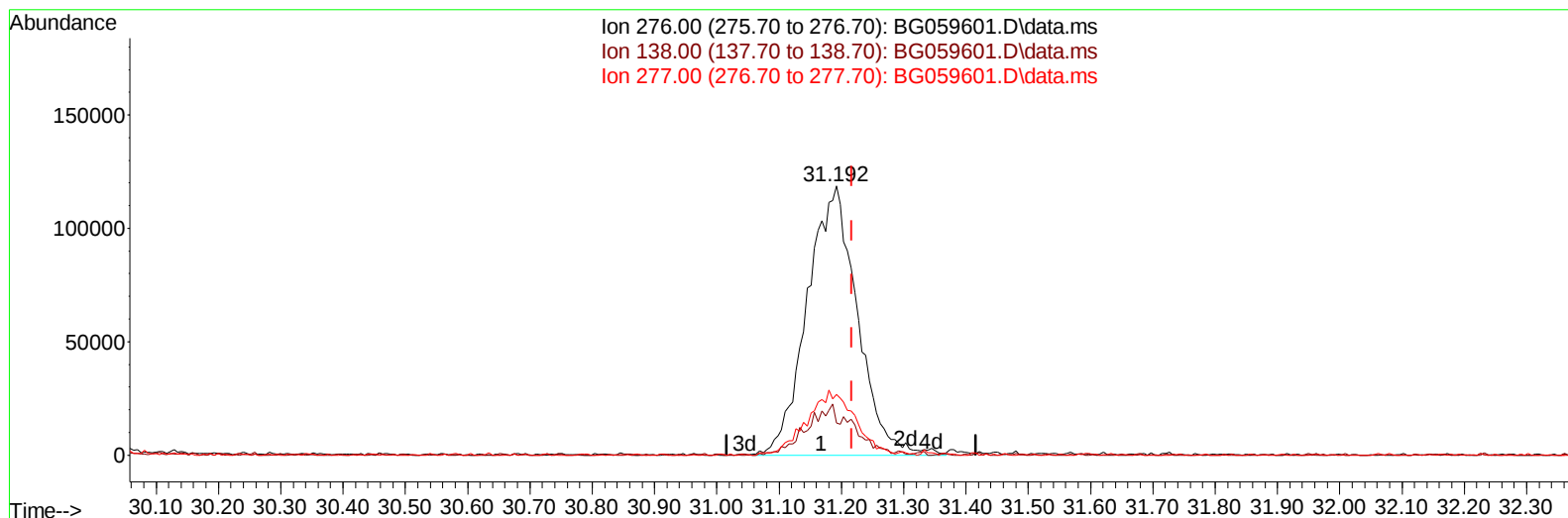
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110223\
 Data File : BG059601.D
 Acq On : 2 Nov 2023 13:33
 Operator : MA/JU
 Sample : 04996-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4A86

Manual IntegrationsAPPROVED

Quant Time: Nov 03 04:10:34 2023
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TIC: BG059601.D\data.ms

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

31.192min (-0.025) 15.34 ng/ul m

response 662419

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.20	11.91#
277.00	22.80	22.63
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.348	152	82292	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.204	136	537132	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.982	164	341345	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.737	188	747081	20.000	ng/ul	0.00
79) Chrysene-d12	22.073	240	583003	20.000	ng/ul	0.00
88) Perylene-d12	25.669	264	607751	20.000	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.648	96	11087	5.041	ng/uL	0.00
4) Pyridine-d5	4.083	84	153622	24.994	ng/ul	0.00
7) Phenol-d5	7.467	99	255703	30.238	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.667	67	106709	27.473	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.866	132	199357	29.059	ng/ul	0.00
15) 4-Methylphenol-d8	9.036	113	205575	30.642	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	98487	25.787	ng/ul	0.00
24) 2-Nitrophenol-d4	10.269	143	105336	26.866	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.798	165	280729	32.498	ng/ul	0.00
31) 4-Chloroaniline-d4	11.345	131	204875	14.407	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	912239	29.498	ng/ul	-0.01
49) Acenaphthylene-d8	14.688	160	1047958	28.875	ng/ul	0.00
54) 4-Nitrophenol-d4	15.152	143	199611	37.640	ng/ul	0.00
60) Fluorene-d10	15.969	176	806583	30.519	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.074	200	155617	43.985	ng/ul	0.00
73) Anthracene-d10	17.837	188	1280628	31.641	ng/ul	0.00
81) Pyrene-d10	20.105	212	1330118	32.823	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.428	264	1225999	34.258	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.689	88	10745	4.365	ng/ul#	88
6) Benzaldehyde	7.496	77	186348	48.924	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.767	93	284437	48.653	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.153	70	94538	18.972	ng/ul#	95
22) Nitrobenzene	9.600	77	76986	9.339	ng/ul	89
25) 2-Nitrophenol	10.305	139	82805	19.637	ng/ul#	80
29) 2,4-Dichlorophenol	10.822	162	201715	24.137	ng/ul	92
30) Naphthalene	11.251	128	385375	11.511	ng/ul#	96
33) Hexachlorobutadiene	11.486	225	126793	25.290	ng/ul	95
36) 2-Methylnaphthalene	12.831	142	525753	22.827	ng/ul	100
37) 1-Methylnaphthalene	13.049	142	787315	34.320	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.172	216	108078	10.978	ng/ul	94
40) Hexachlorocyclopentadiene	13.125	237	223094	38.872	ng/ul	91
41) 2,4,6-Trichlorophenol	13.413	196	267653	39.261	ng/ul	93
43) 1,1'-Biphenyl	13.824	154	1292112	41.844	ng/ul#	96
44) 2-Chloronaphthalene	13.871	162	245361	10.223	ng/ul	95
48) 2,6-Dinitrotoluene	14.570	165	215163	46.684	ng/ul#	76
50) Acenaphthylene	14.717	152	596074	14.255	ng/ul	98
52) Acenaphthene	15.046	153	300360	11.019	ng/ul	97
53) 2,4-Dinitrophenol	15.099	184	196464	75.021	ng/ul#	68
56) Dibenzofuran	15.381	168	407281	11.525	ng/ul	94
61) Fluorene	16.027	166	386895	12.682	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.010	204	251149	19.264	ng/ul	96

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

66) 4,6-Dinitro-2-methylph...	16.092	198		266166	71.383	ng/ul#	79
69) Hexachlorobenzene	16.997	284		340285	39.385	ng/ul	98
71) Pentachlorophenol	17.355	266		338990	68.679	ng/ul	91
72) Phenanthrene	17.778	178		574019	11.819	ng/ul	97
74) Anthracene	17.872	178		913599	18.630	ng/ul	98
77) Carbazole	18.148	167		2024845	48.065	ng/ul	97
80) Fluoranthene	19.770	202		1167607	23.637	ng/ul	99
82) Pyrene	20.134	202		1146504	22.344	ng/ul	97
85) Benzo(a)anthracene	22.050	228		1477992	30.806	ng/ul	98
87) Chrysene	22.120	228		536197m	12.014	ng/ul	
90) Benzo(b)fluoranthene	24.506	252		1136595	25.800	ng/ul	95
93) Benzo(a)pyrene	25.499	252		638890	15.344	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	29.870	276		1742270m	33.013	ng/ul	
95) Dibenzo(a,h)anthracene	29.958	278		1183622	27.155	ng/ul	95
96) Benzo(g,h,i)perylene	31.192	276		662419m	15.336	ng/ul	

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

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