

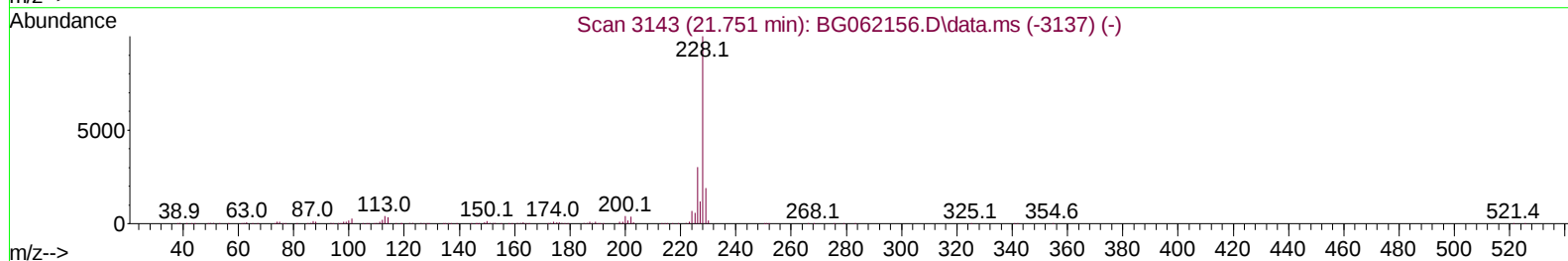
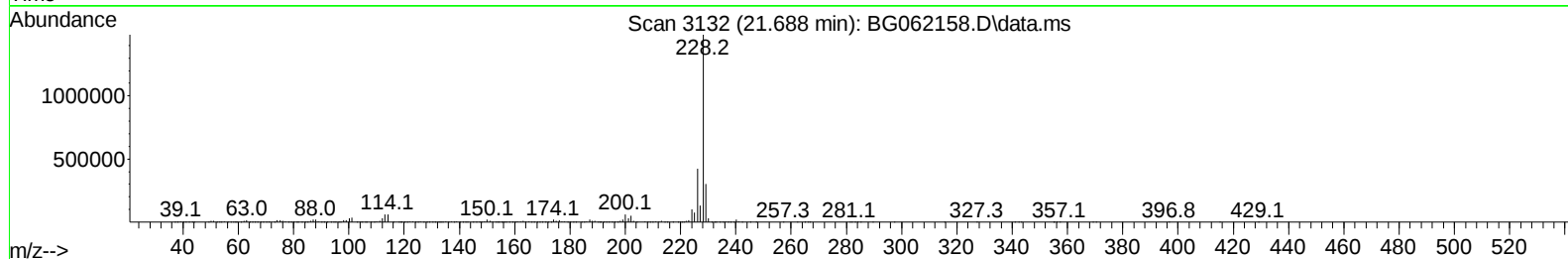
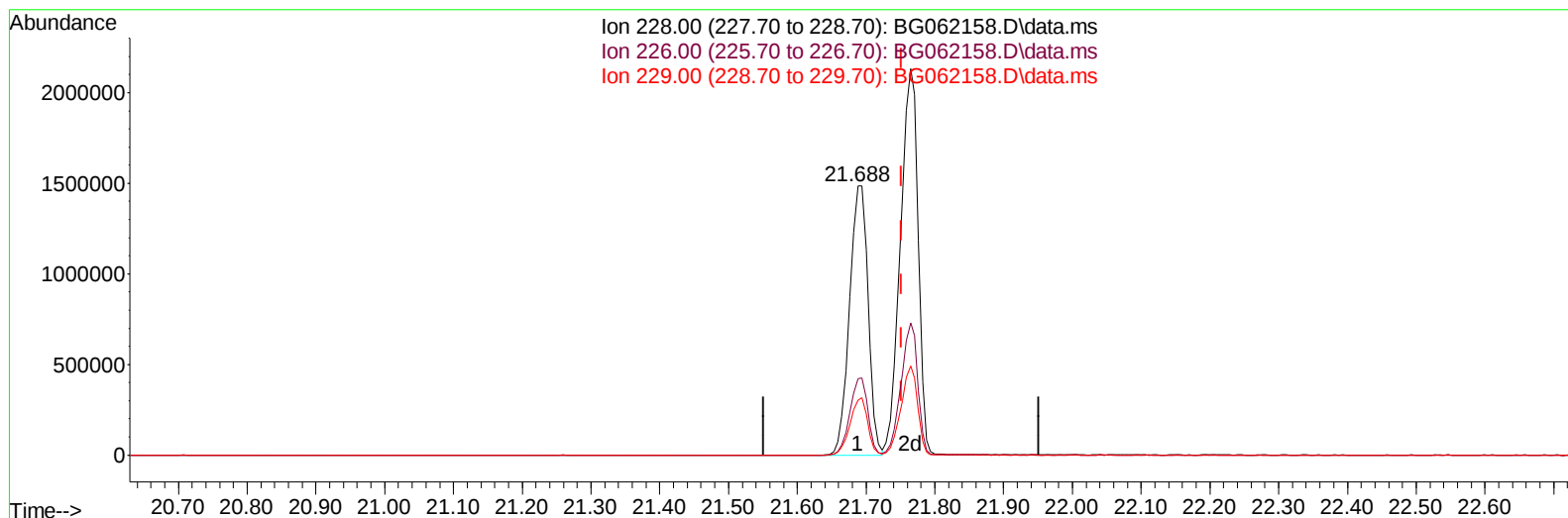
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062158.D
Acq On : 22 Jul 2024 11:58
Operator : MA/JU
Sample : P3201-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4DM1

Manual IntegrationsAPPROVED

Quant Time: Jul 22 12:31:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BG062158.D\data.ms

(87) Chrysene

21.688min (-0.063) 122.65 ng/u1

response 2772781

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	28.50
229.00	19.20	20.49
0.00	0.00	0.00

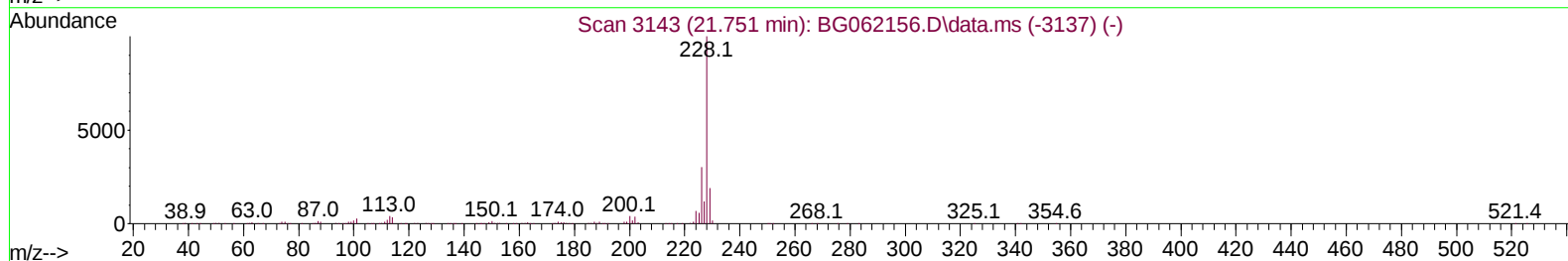
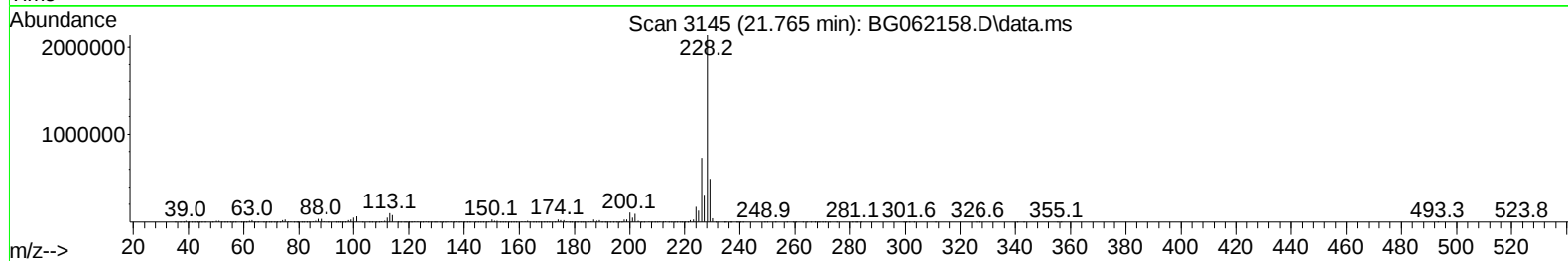
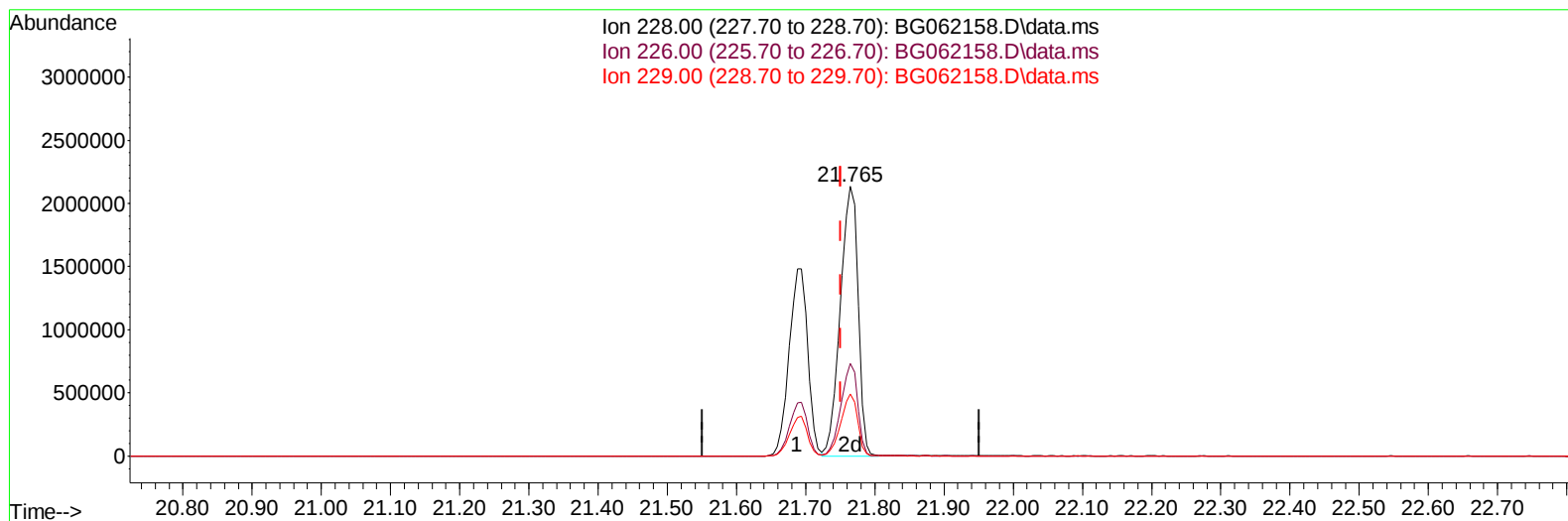
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TIC: BG062158.D\data.ms

(87) Chrysene

21.765min (+ 0.013) 168.95 ng/u1 m

response 3819636

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	34.23
229.00	19.20	23.05#
0.00	0.00	0.00

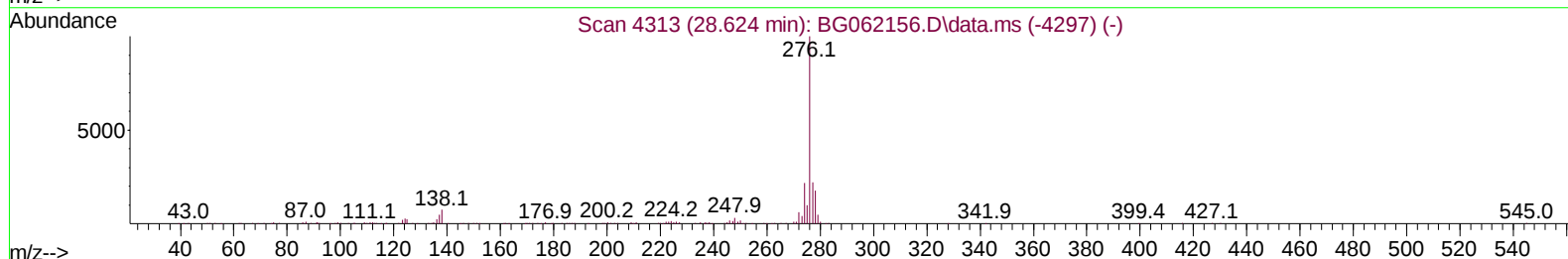
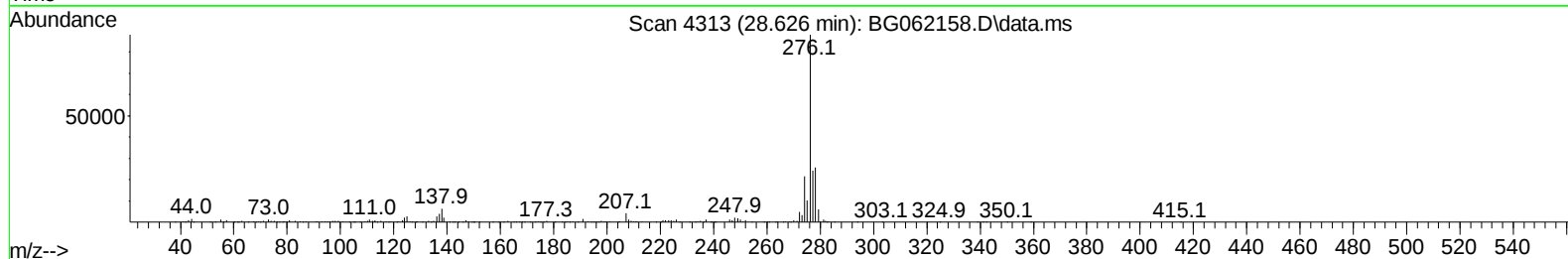
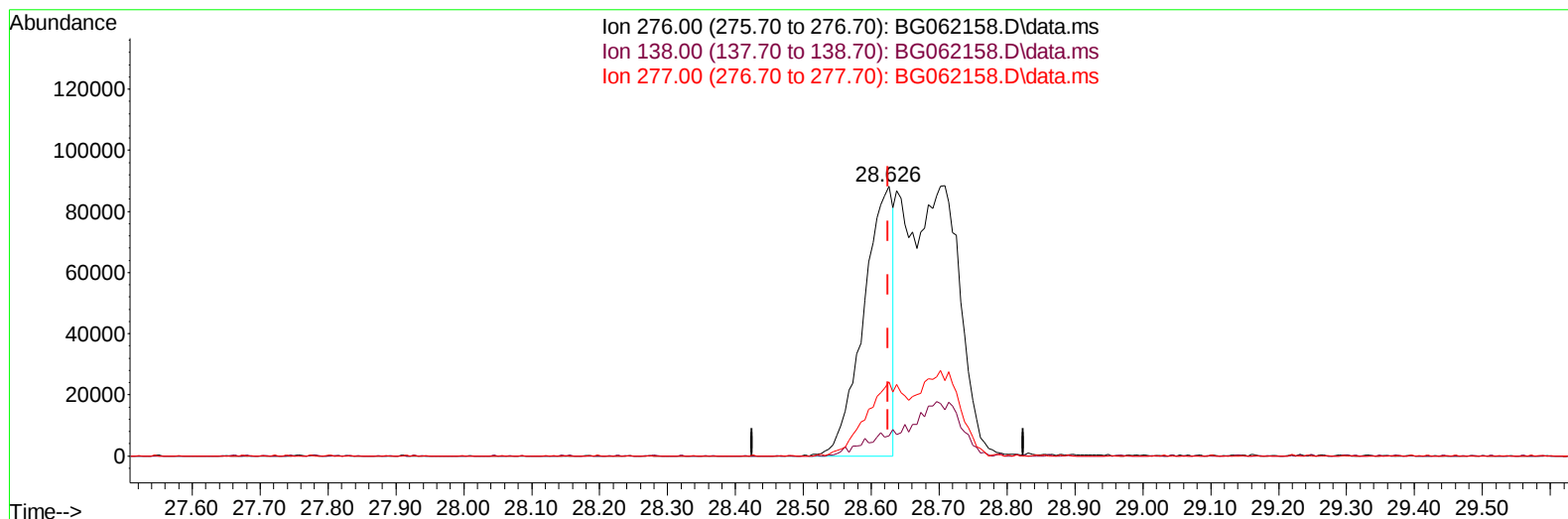
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TIC: BG062158.D\data.ms

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

28.626min (+ 0.001) 11.08 ng/u1

response 265995

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	7.34
277.00	21.80	27.51#
0.00	0.00	0.00

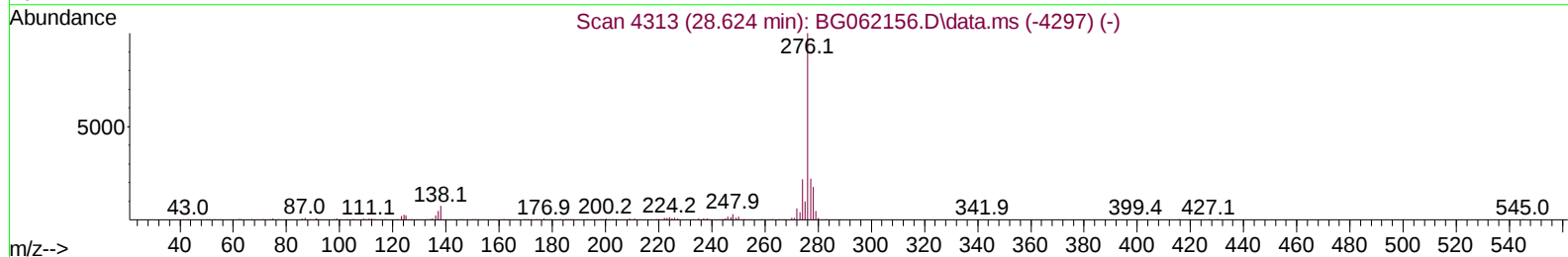
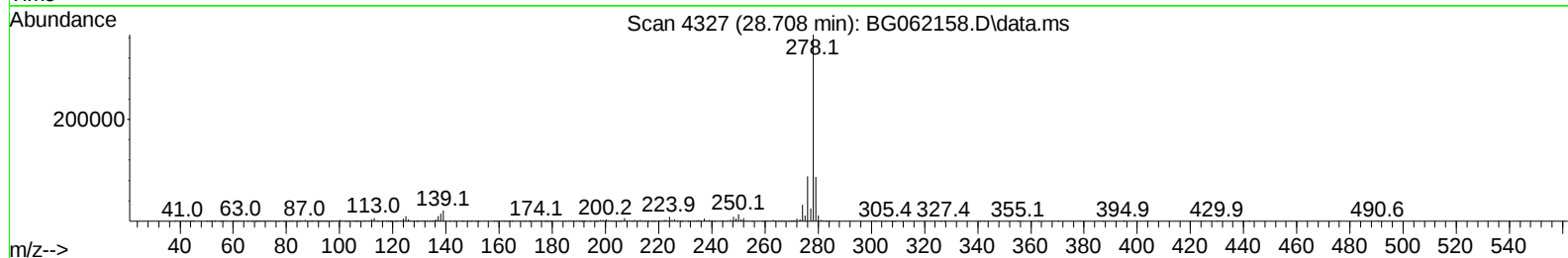
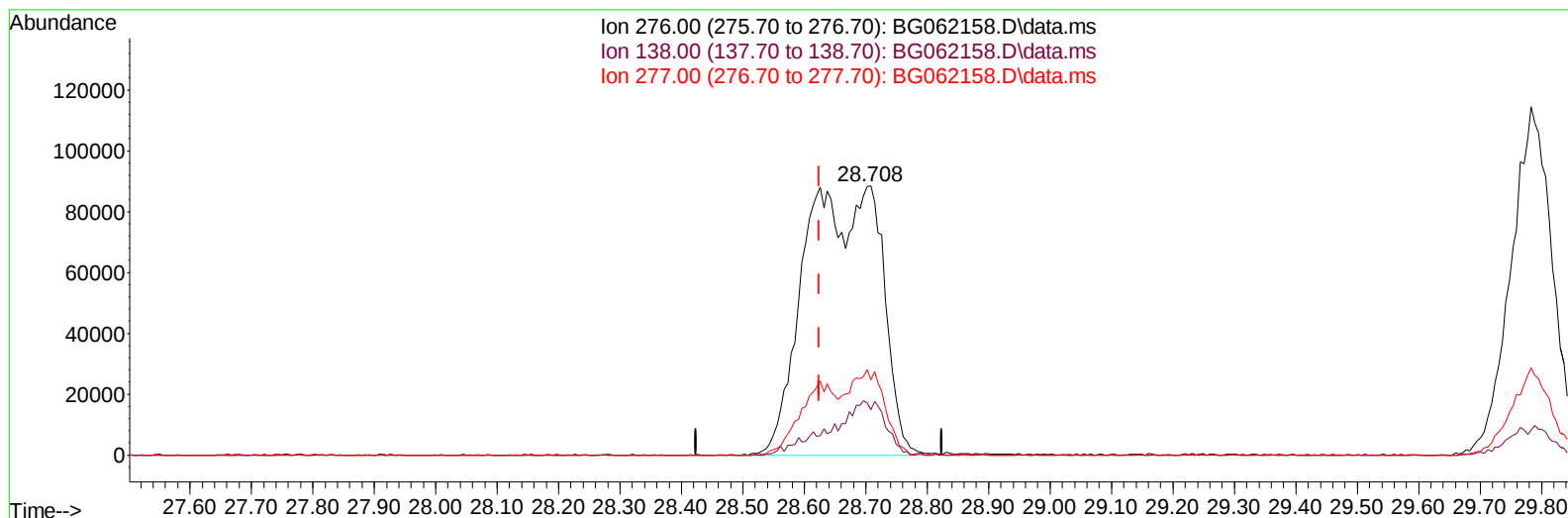
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TIC: BG062158.D\data.ms

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

28.708min (+ 0.084) 32.06 ng/ul m

response 770085

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	16.98#
277.00	21.80	27.86#
0.00	0.00	0.00

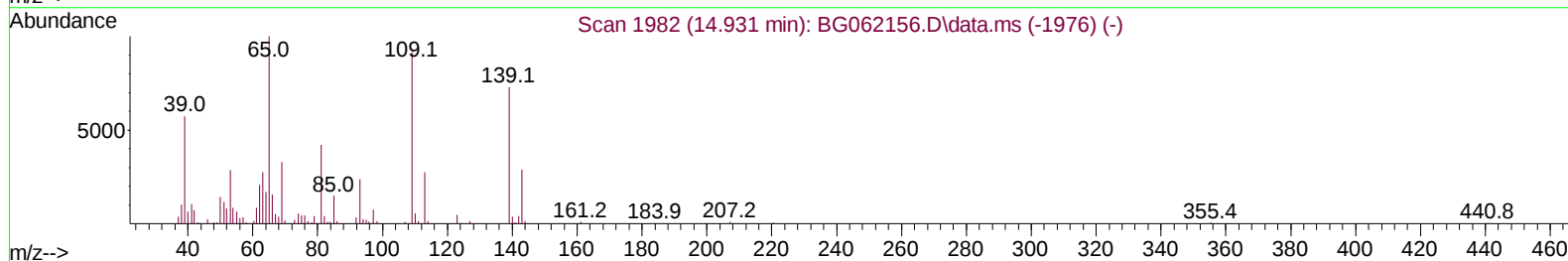
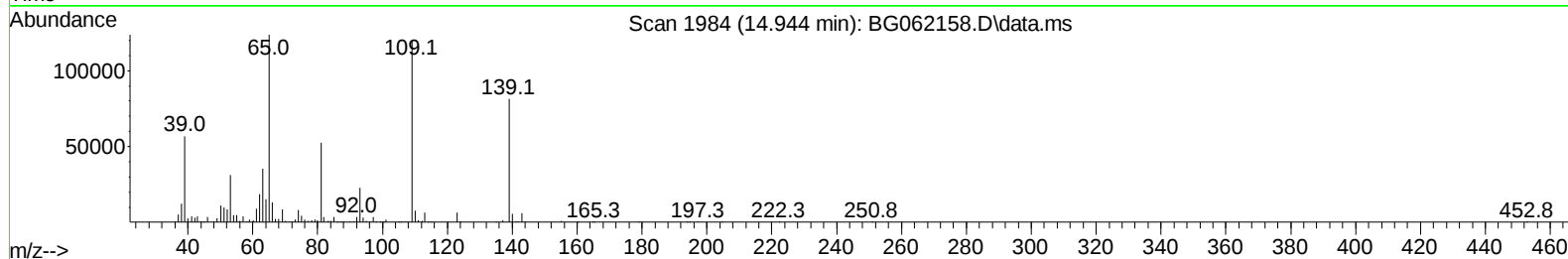
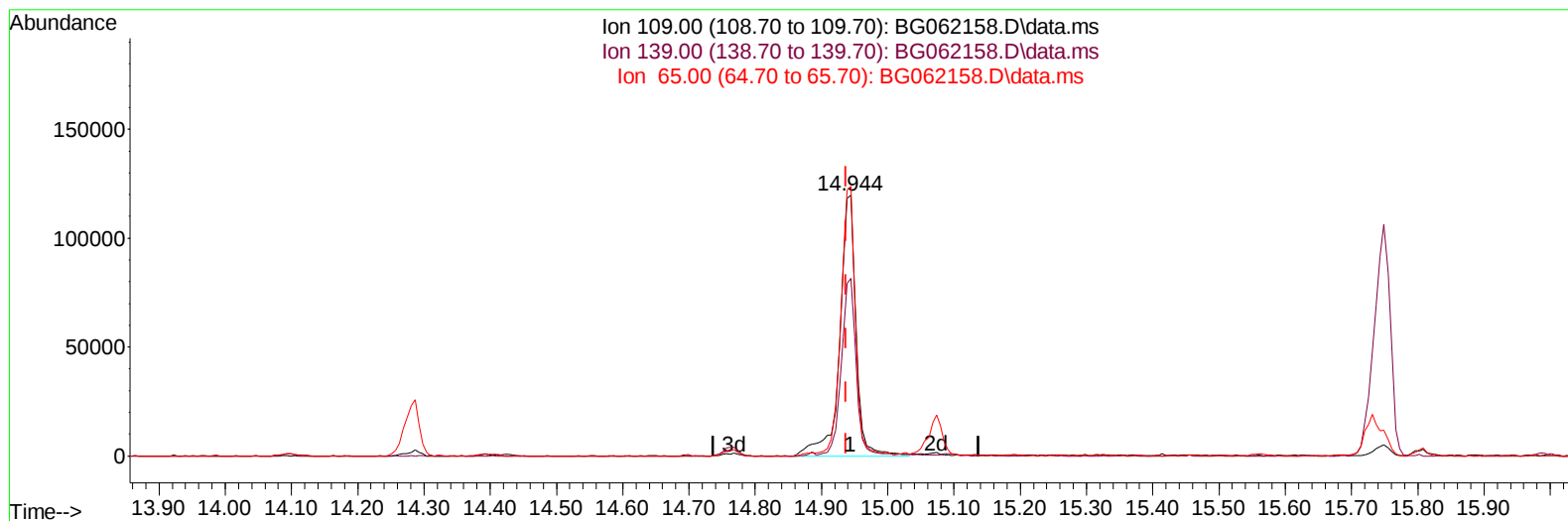
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Operator : MA/JU
Sample : P3201-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4DM1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
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TIC: BG062158.D\data.ms

(55) 4-Nitrophenol**14.944min (+ 0.007) 104.29 ng/u1****response 208787**

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	75.20	68.04
65.00	90.80	103.27
0.00	0.00	0.00

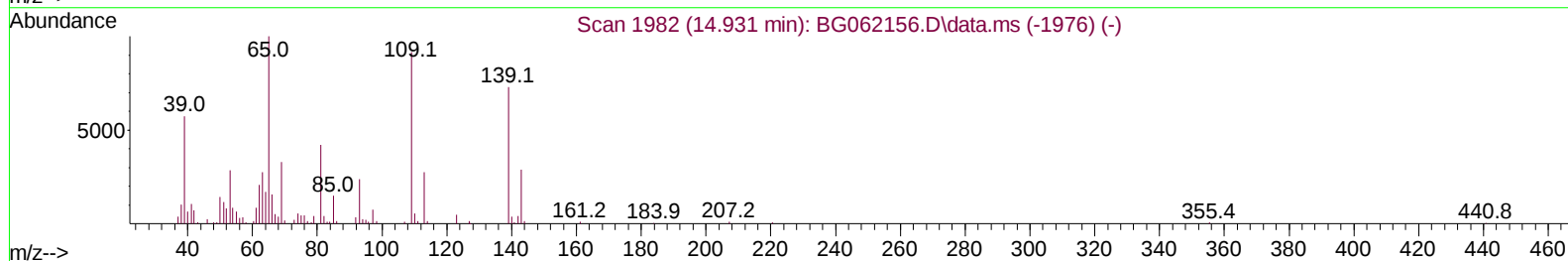
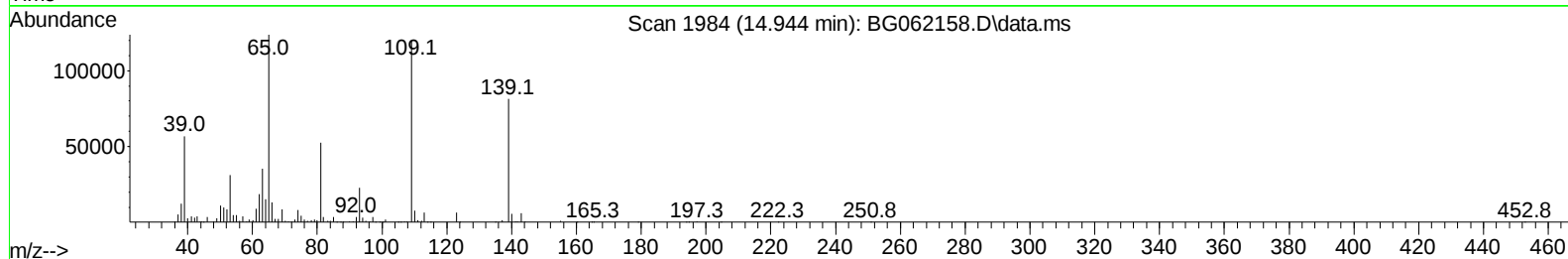
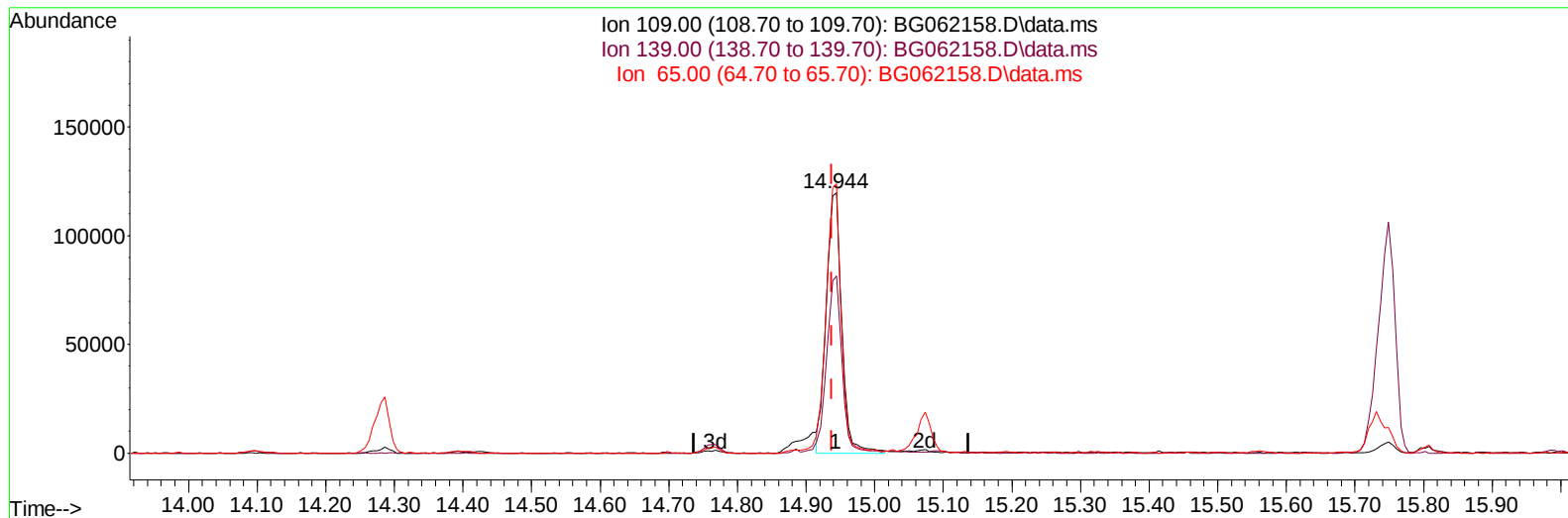
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Operator : MA/JU
Sample : P3201-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG062158.D\data.ms

(55) 4-Nitrophenol

14.944min (+ 0.007) 94.36 ng/ul m

response 188906

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	75.20	68.04
65.00	90.80	103.27
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	36179	20.000	ng/ul	0.00
20) Naphthalene-d8	10.879	136	151052	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	128052	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	345817	20.000	ng/ul	0.00
79) Chrysene-d12	21.712	240	350354	20.000	ng/ul	0.00
88) Perylene-d12	24.937	264	361278	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.460	96	2898	3.740	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.243	99	76542	21.490	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.390	67	44777	21.880	ng/ul	0.00
11) 2-Chlorophenol-d4	7.601	132	49776	22.175	ng/ul	0.00
15) 4-Methylphenol-d8	8.788	113	59688	22.004	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	27646	22.972	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	32919	22.727	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.509	165	86567	28.549	ng/ul	0.00
31) 4-Chloroaniline-d4	11.014	131	69938	19.174	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	300059	27.645	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	308681	28.048	ng/ul	0.00
54) 4-Nitrophenol-d4	14.927	143	37142	28.397	ng/ul	0.00
60) Fluorene-d10	15.685	176	265305	28.709	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	53355	24.278	ng/ul	0.00
73) Anthracene-d10	17.541	188	449308	27.814	ng/ul	0.00
81) Pyrene-d10	19.820	212	580154	29.205	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.713	264	557873	30.890	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.266	94	112920	32.133	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.484	93	429616	177.492	ng/ul#	90
12) 2-Chlorophenol	7.637	128	174754	76.683	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.876	70	484705	178.872	ng/ul	92
19) Hexachloroethane	9.152	117	120331	117.947	ng/ul	91
22) Nitrobenzene	9.281	77	139750	35.910	ng/ul	98
23) Isophorone	9.804	82	1211415	153.447	ng/ul	97
25) 2-Nitrophenol	9.992	139	68269	44.567	ng/ul#	83
27) Bis(2-Chloroethoxy)met...	10.280	93	636944	173.373	ng/ul	96
29) 2,4-Dichlorophenol	10.539	162	295212	102.482	ng/ul	90
33) Hexachlorobutadiene	11.196	225	372025	135.917	ng/ul	96
35) 4-Chloro-3-methylphenol	12.166	107	147087	42.582	ng/ul	98
36) 2-Methylnaphthalene	12.530	142	325510	52.915	ng/ul	88
41) 2,4,6-Trichlorophenol	13.141	196	536013	185.059	ng/ul	90
42) 2,4,5-Trichlorophenol	13.217	196	125042	39.660	ng/ul	98
48) 2,6-Dinitrotoluene	14.286	165	473398	223.676	ng/ul#	95
50) Acenaphthylene	14.422	152	230610	19.221	ng/ul	97
52) Acenaphthene	14.762	153	931013	116.900	ng/ul	96
55) 4-Nitrophenol	14.944	109	188906m	94.362	ng/ul	
57) 2,4-Dinitrotoluene	15.074	165	463838	142.825	ng/ul#	92
61) Fluorene	15.749	166	1656136	161.045	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.732	204	339341	53.286	ng/ul	98
68) 4-Bromophenyl-phenylether	16.624	248	158382	39.330	ng/ul	95

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

69) Hexachlorobenzene	16.748	284	922671	215.911	ng/ul	98
71) Pentachlorophenol	17.094	266	465016	295.092	ng/ul	97
72) Phenanthrene	17.482	178	713492	42.875	ng/ul	97
74) Anthracene	17.576	178	691530	40.365	ng/ul	96
78) Di-n-butylphthalate	18.393	149	2383389	142.721	ng/ul	98
80) Fluoranthene	19.497	202	3014784	132.297	ng/ul	99
82) Pyrene	19.855	202	1434963	60.561	ng/ul	100
83) Butylbenzylphthalate	20.719	149	274925	39.102	ng/ul	95
85) Benzo(a)anthracene	21.688	228	2772781	112.755	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.571	149	1584475	157.203	ng/ul	94
87) Chrysene	21.765	228	3819636m	168.950	ng/ul	
90) Benzo(b)fluoranthene	23.926	252	3502612	156.922	ng/ul	97
93) Benzo(a)pyrene	24.790	252	762741	36.489	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.708	276	770085m	32.065	ng/ul	
95) Dibenzo(a,h)anthracene	28.708	278	1630987	81.899	ng/ul	100
96) Benzo(g,h,i)perylene	29.783	276	535881	27.871	ng/ul	95

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

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