

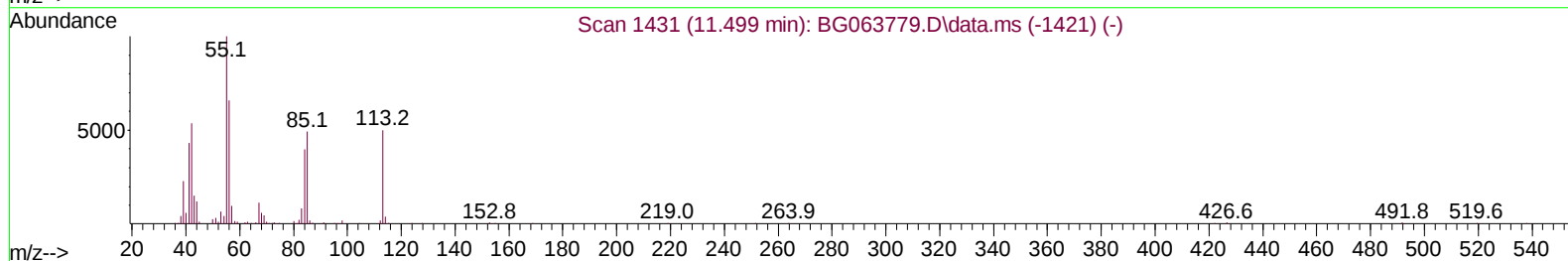
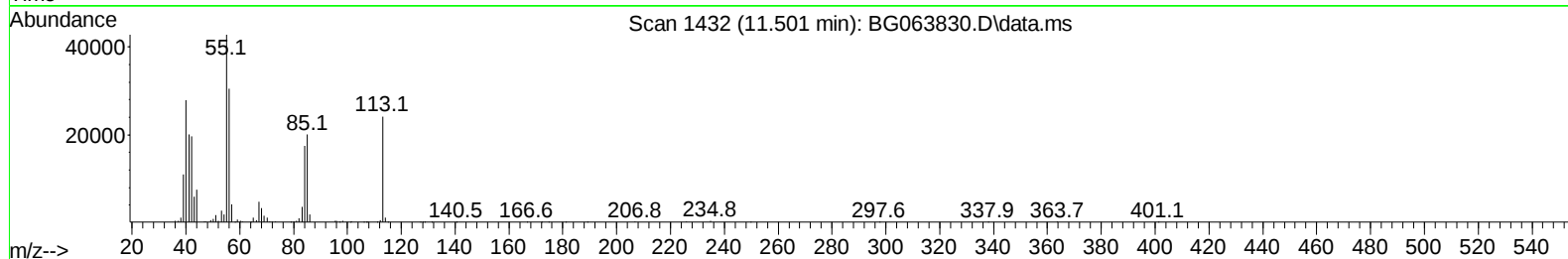
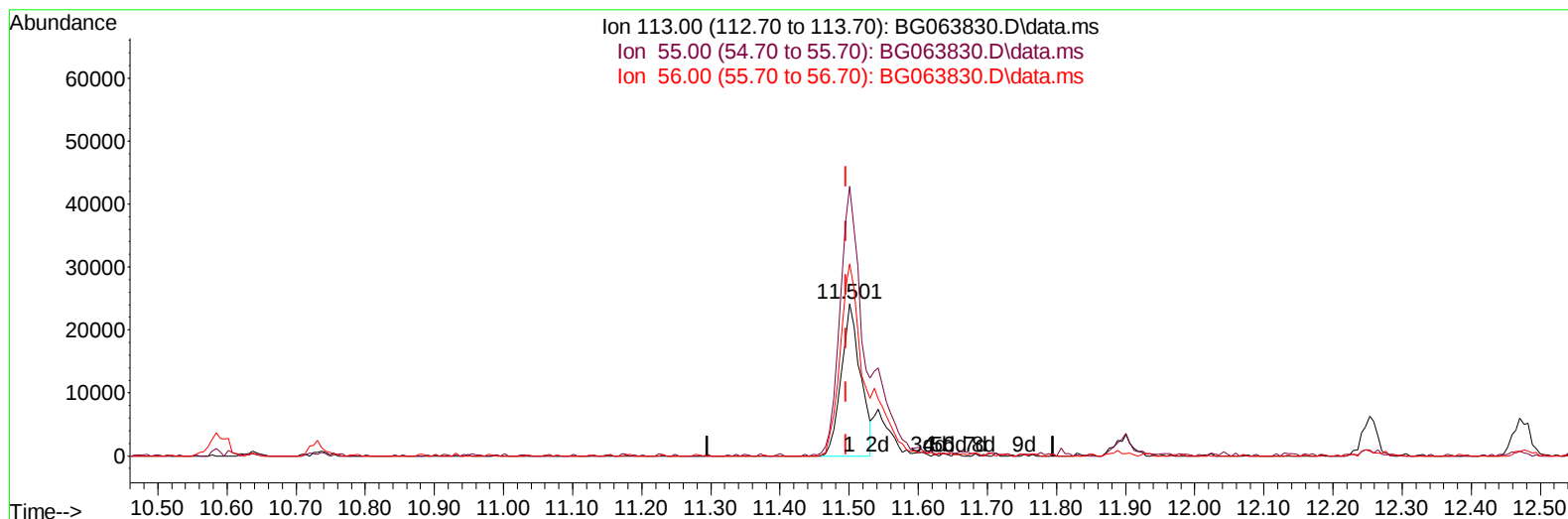
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063830.D
Acq On : 24 Dec 2024 22:21
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Dec 25 03:30:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063830.D\data.ms

(34) Caprolactam

11.501min (+ 0.005) 19.46 ng/ul

response 46485

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	176.85
56.00	133.90	126.06
0.00	0.00	0.00

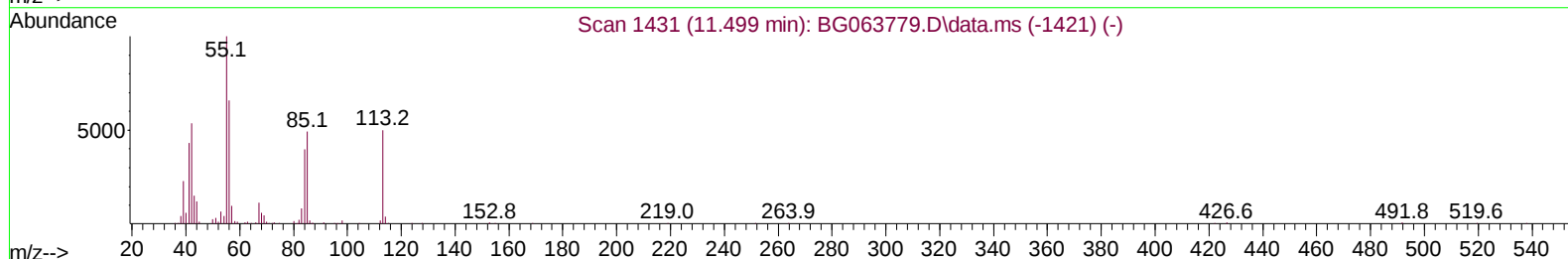
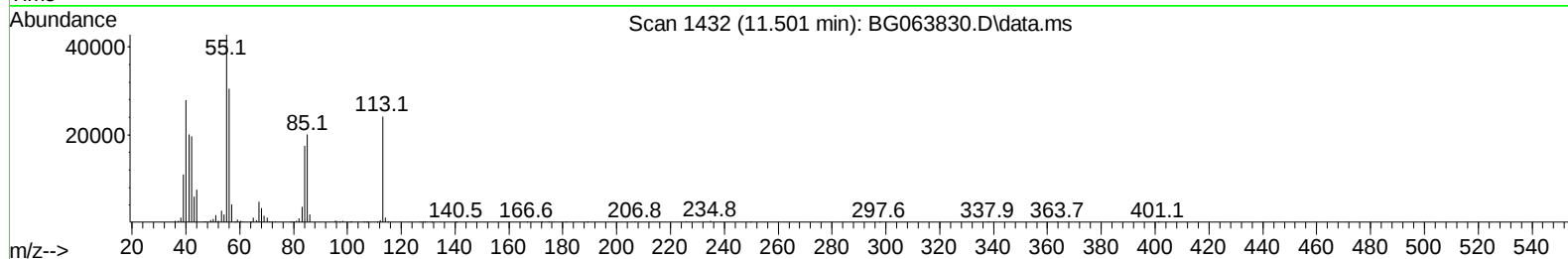
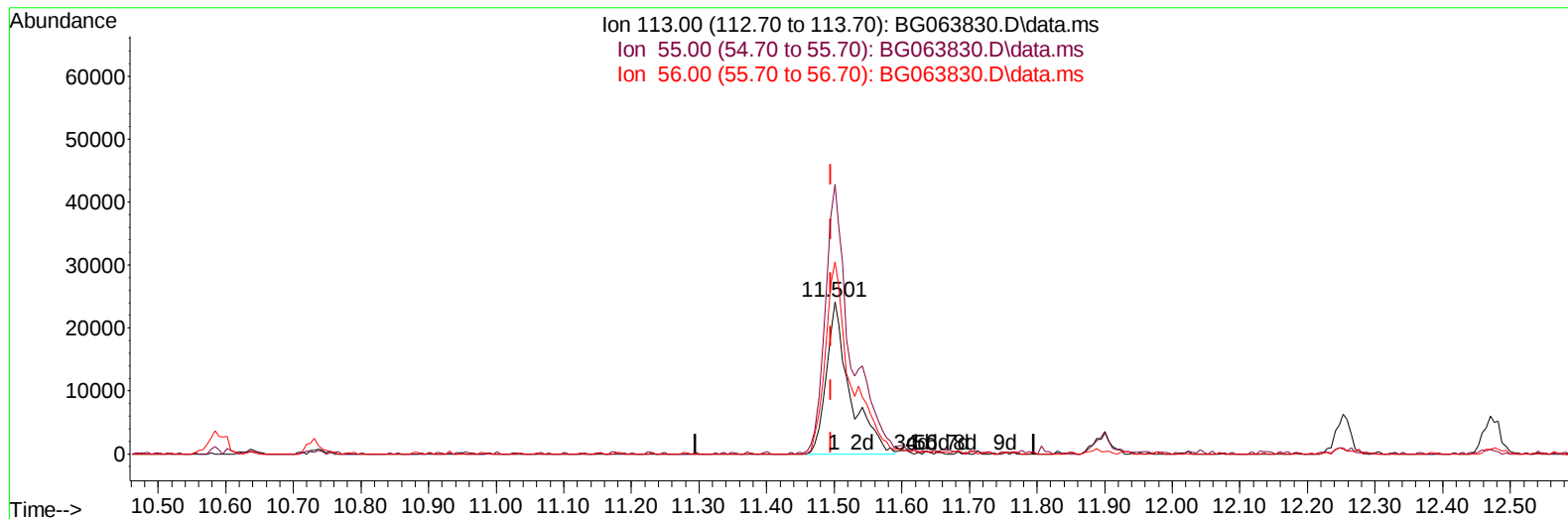
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063830.D
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LabSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/26/2024



TIC: BG063830.D\data.ms

(34) Caprolactam

11.501min (+ 0.005) 24.52 ng/ul m

response 58550

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	176.85
56.00	133.90	126.06
0.00	0.00	0.00

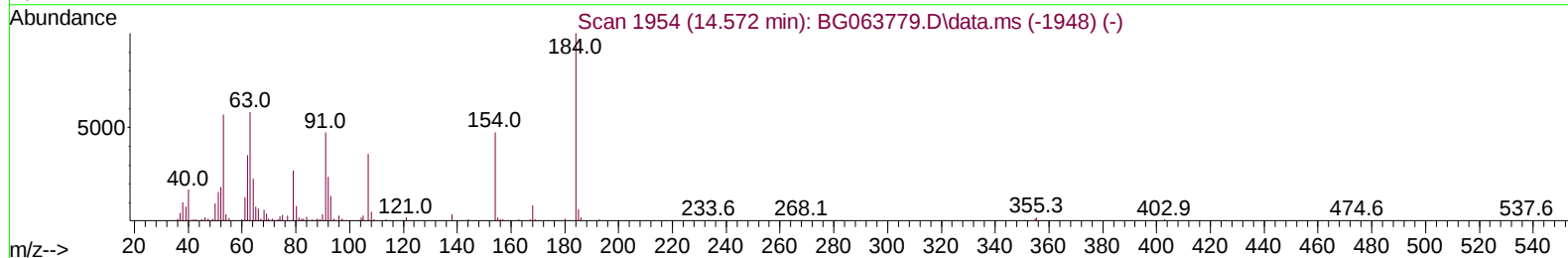
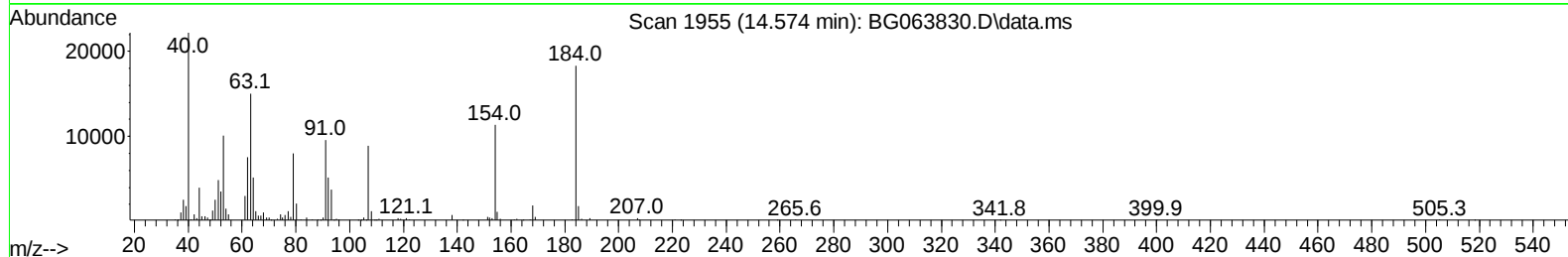
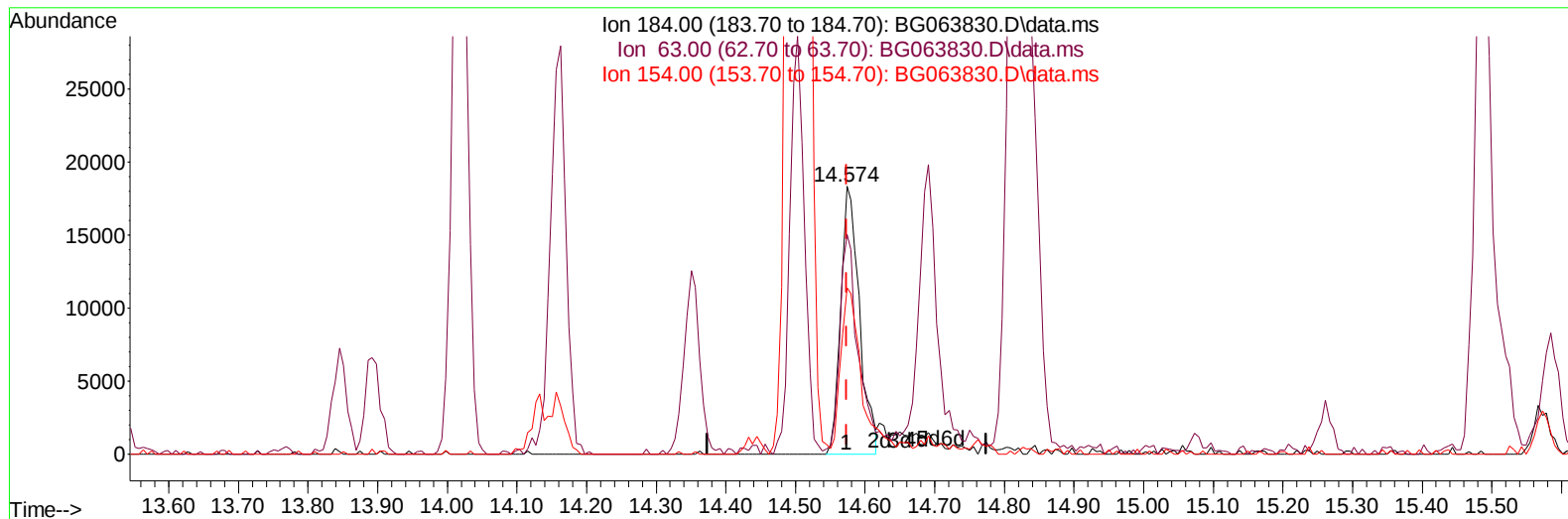
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063830.D
Acq On : 24 Dec 2024 22:21
Operator : RC/JU
Sample : SSTDCCC020EC
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ALS Vial : 57 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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TIC: BG063830.D\data.ms

(53) 2,4-Dinitrophenol

14.574min (-0.000) 15.18 ng/ul

response 34276

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	65.10	81.97#
154.00	59.70	61.92
0.00	0.00	0.00

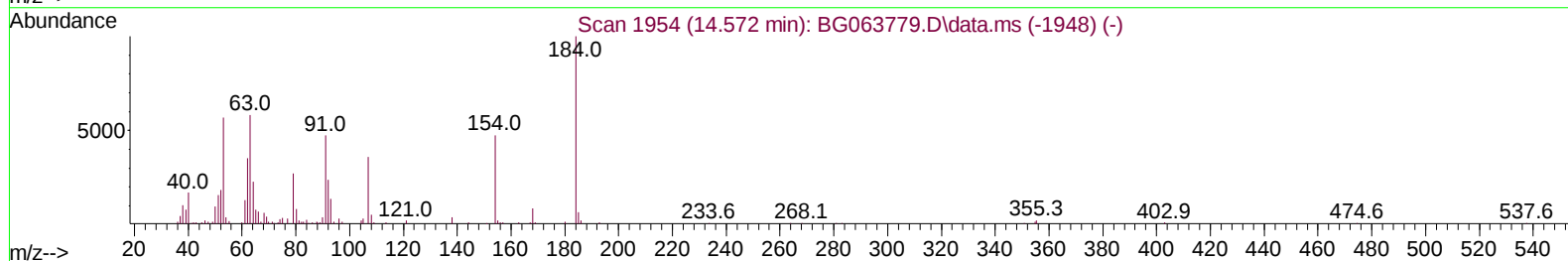
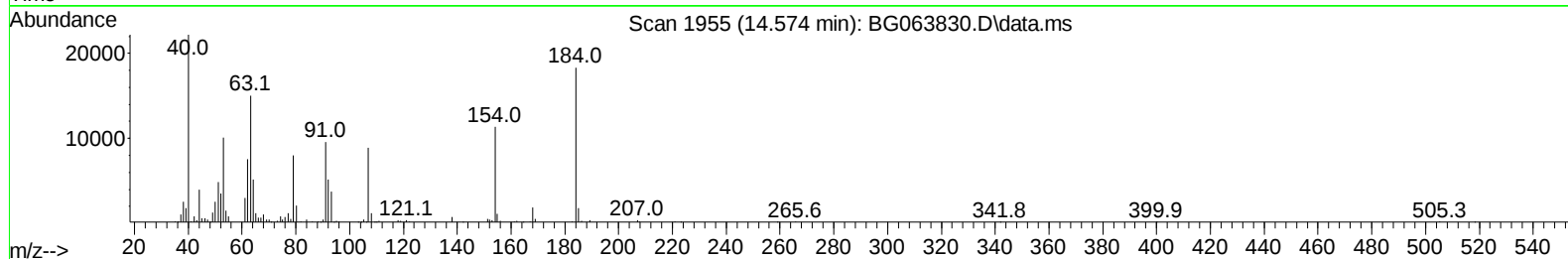
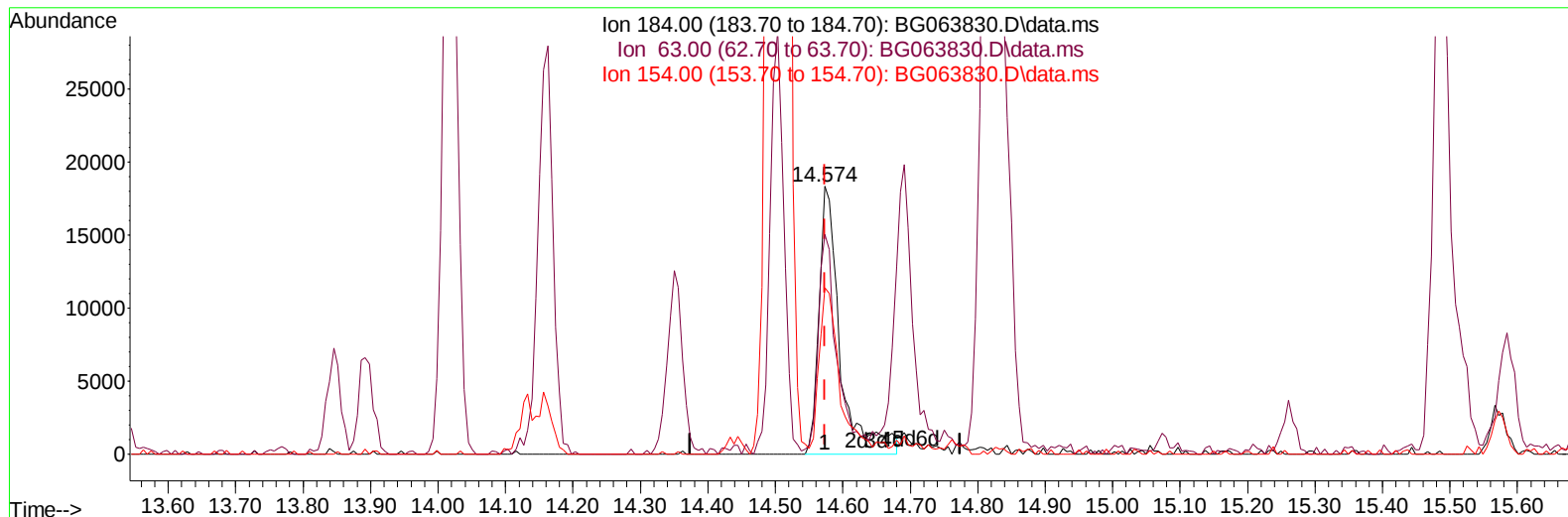
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063830.D
Acq On : 24 Dec 2024 22:21
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Dec 25 03:30:23 2024
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Supervised By :mohammad ahmed 12/26/2024



TIC: BG063830.D\data.ms

(53) 2,4-Dinitrophenol

14.574min (-0.000) 17.58 ng/ul m

response 39701

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	65.10	81.97#
154.00	59.70	61.92
0.00	0.00	0.00

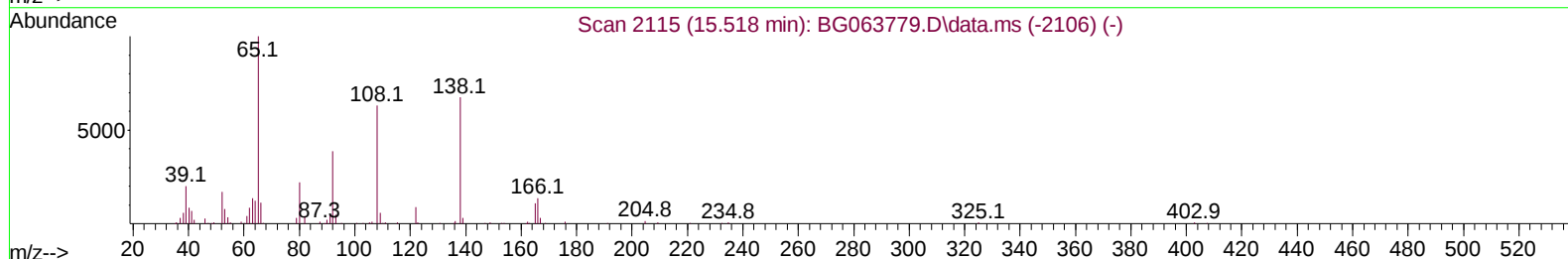
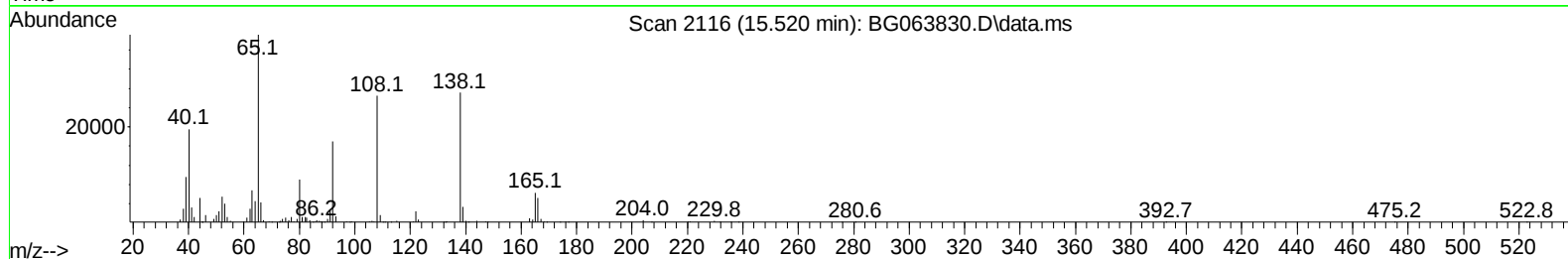
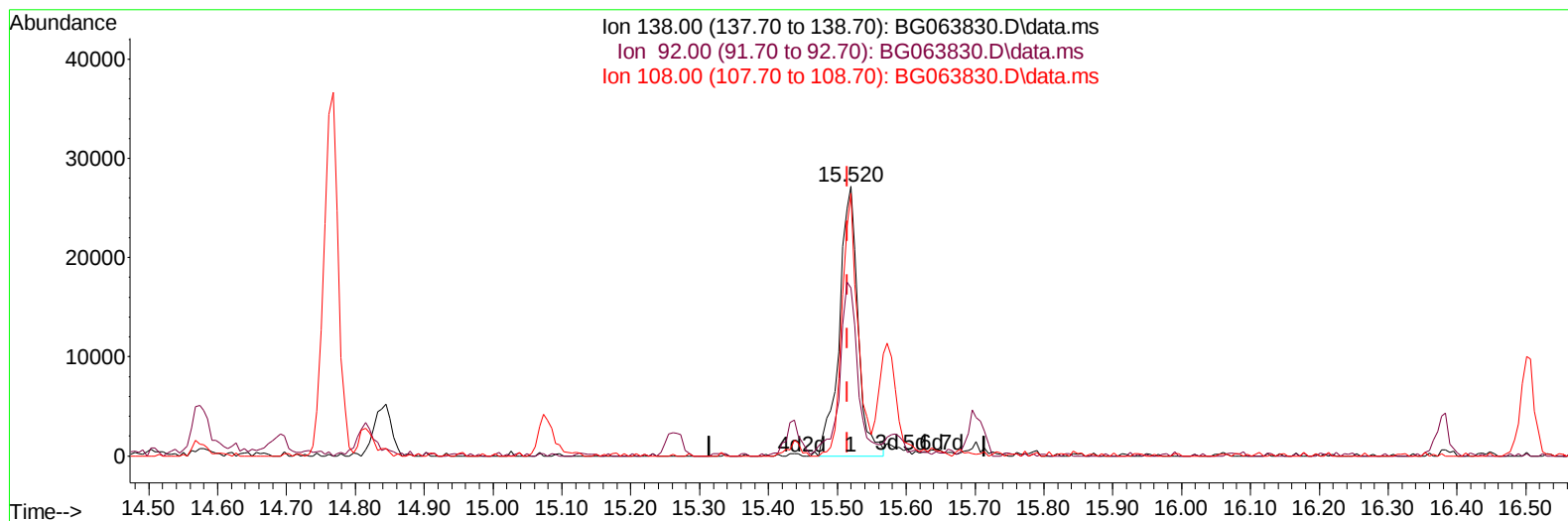
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
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 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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TIC: BG063830.D\data.ms

(63) 4-Nitroaniline

15.520min (+ 0.005) 12.56 ng/ul

response 51355

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	66.50	62.42
108.00	99.20	97.47
0.00	0.00	0.00

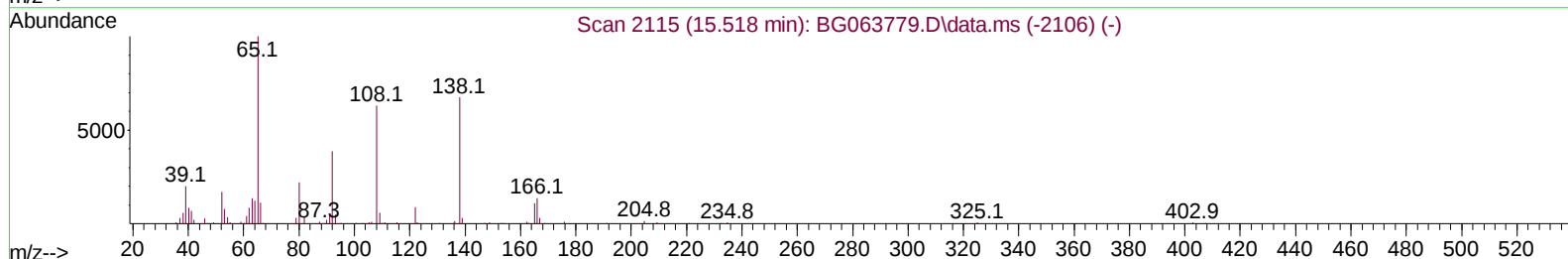
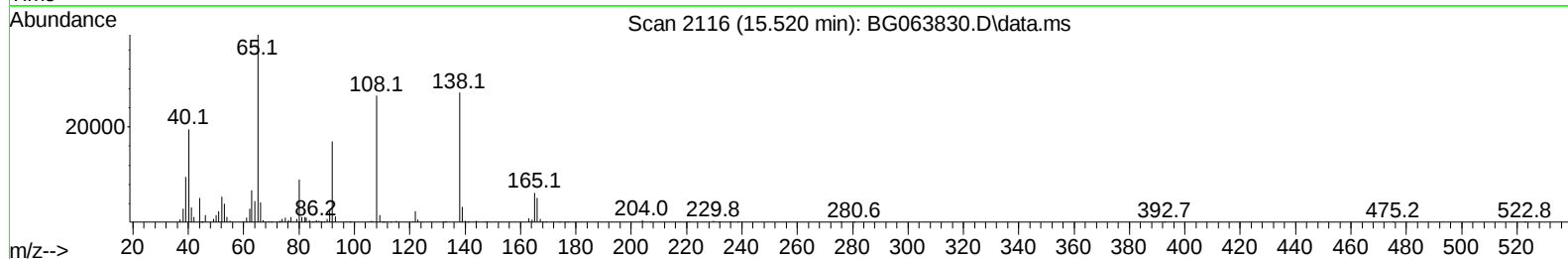
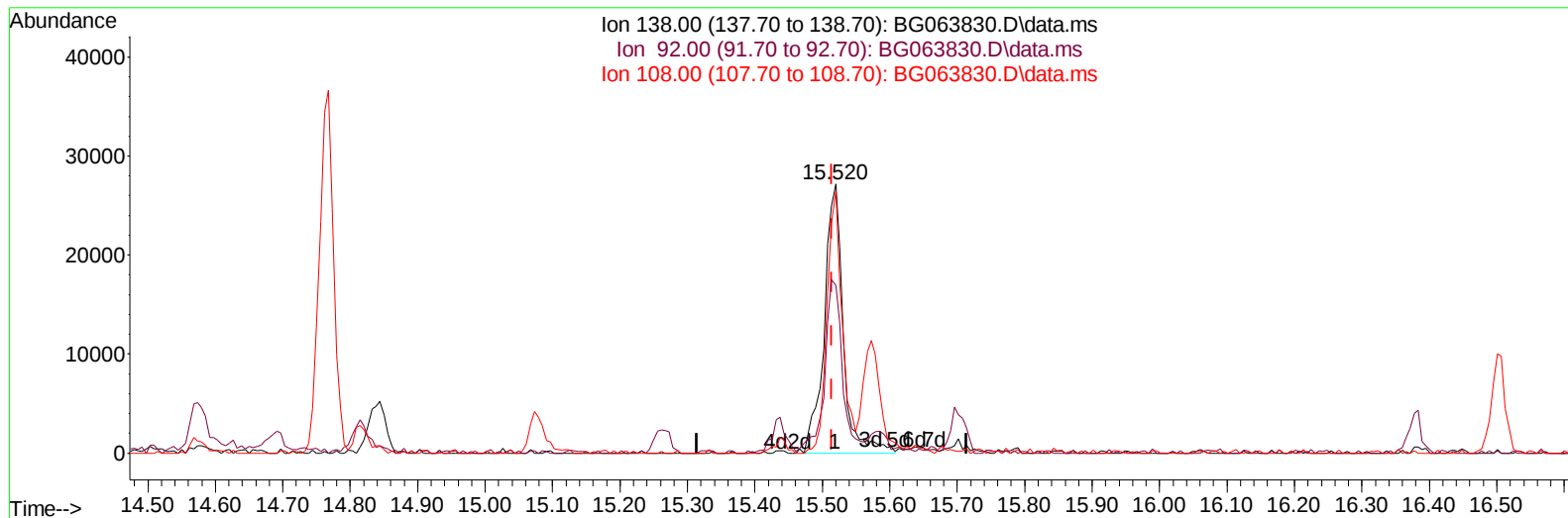
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063830.D
Acq On : 24 Dec 2024 22:21
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Dec 25 03:30:23 2024
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TIC: BG063830.D\data.ms

(63) 4-Nitroaniline

15.520min (+ 0.005) 13.02 ng/ul m

response 53249

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	66.50	62.42
108.00	99.20	97.47
0.00	0.00	0.00

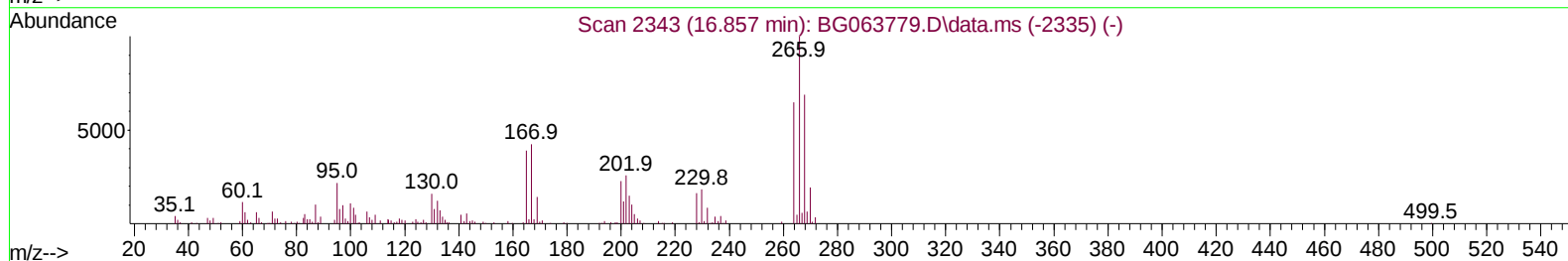
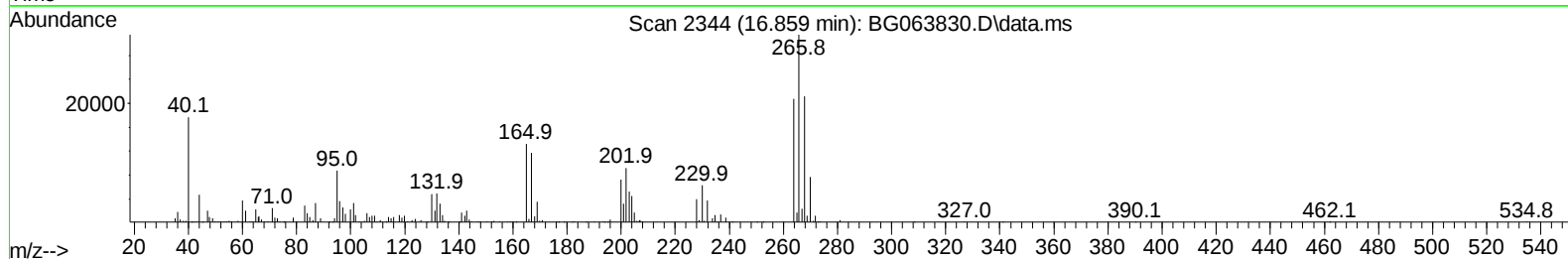
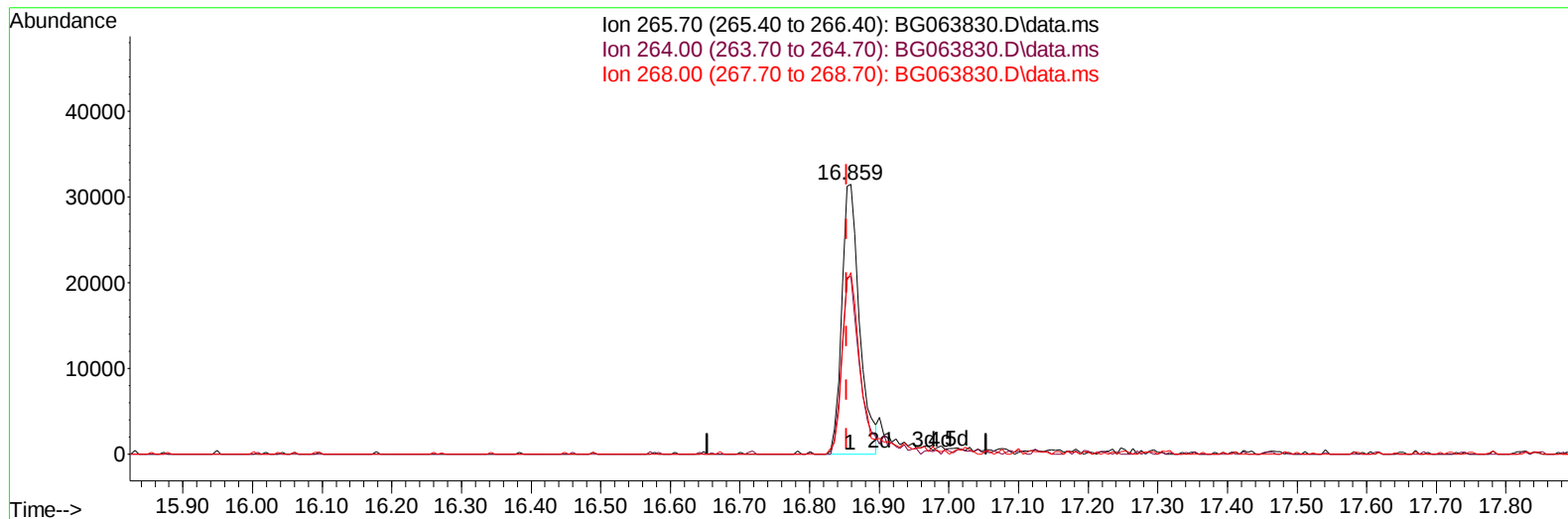
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
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Sample : SSTDCCC020EC
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ALS Vial : 57 Sample Multiplier: 1

Instrument :
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LabSampleId :
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TIC: BG063830.D\data.ms

(71) Pentachlorophenol (C)

16.859min (+ 0.005) 14.69 ng/u1

response 55884

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.60	65.92
268.00	63.10	67.34
0.00	0.00	0.00

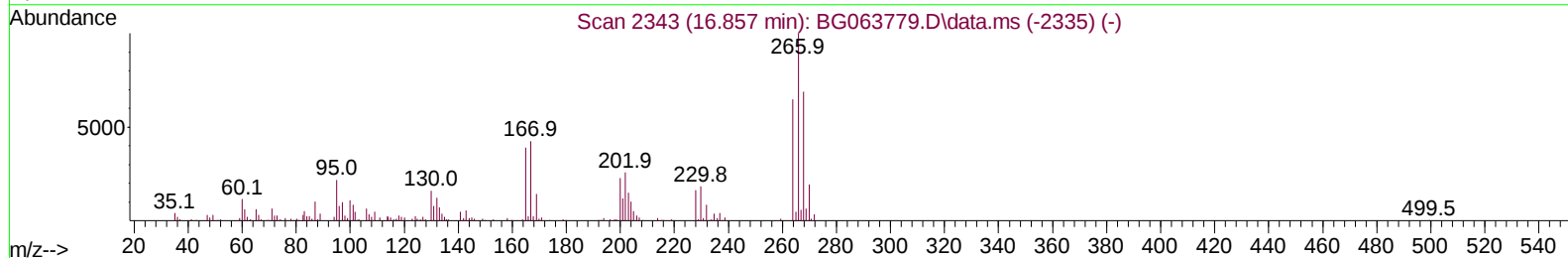
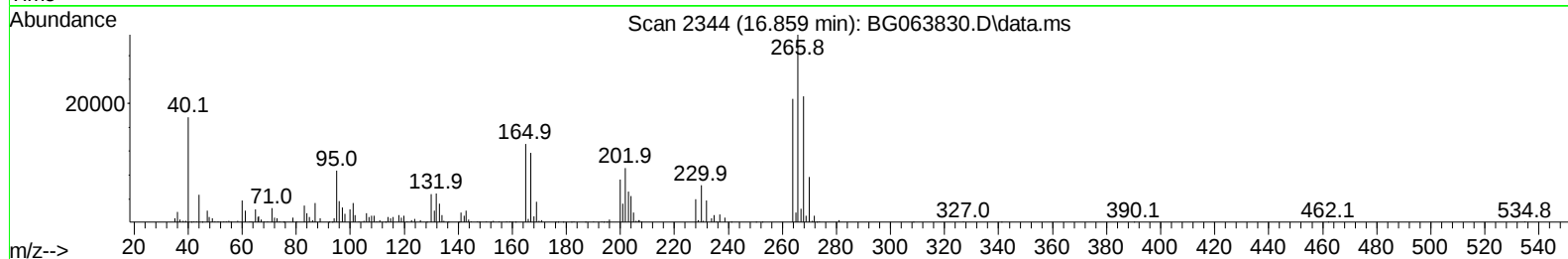
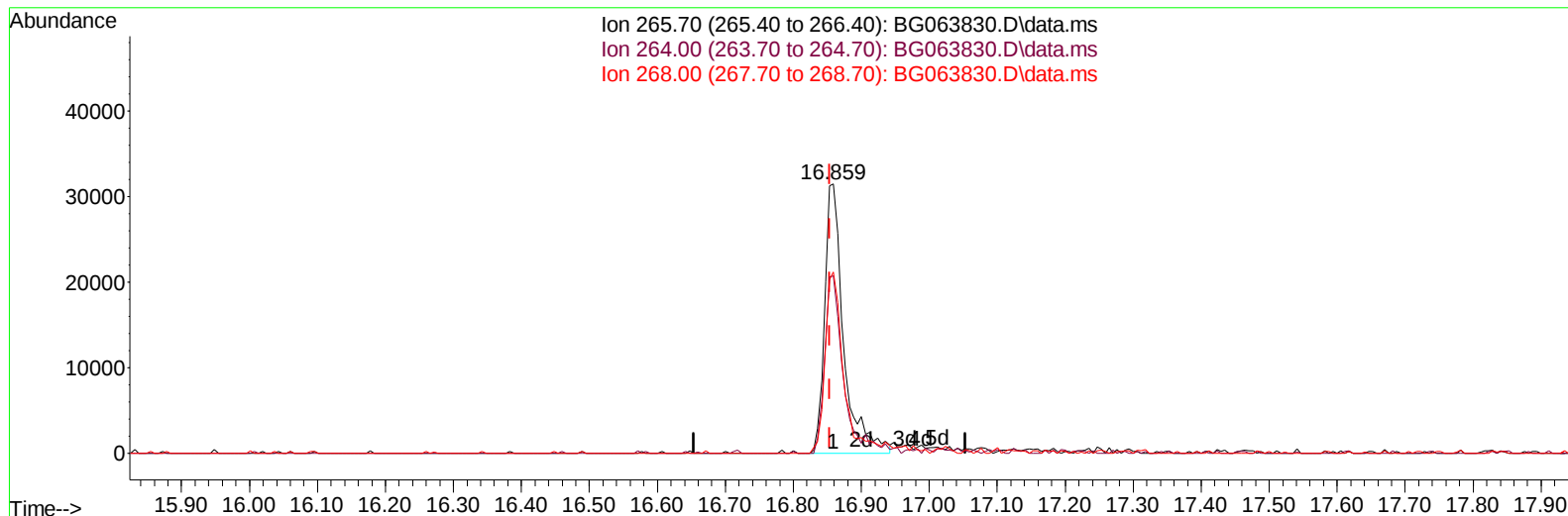
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
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Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/26/2024



TIC: BG063830.D\data.ms

(71) Pentachlorophenol (C)

16.859min (+ 0.005) 16.13 ng/ul m

response 61333

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.60	65.92
268.00	63.10	67.34
0.00	0.00	0.00

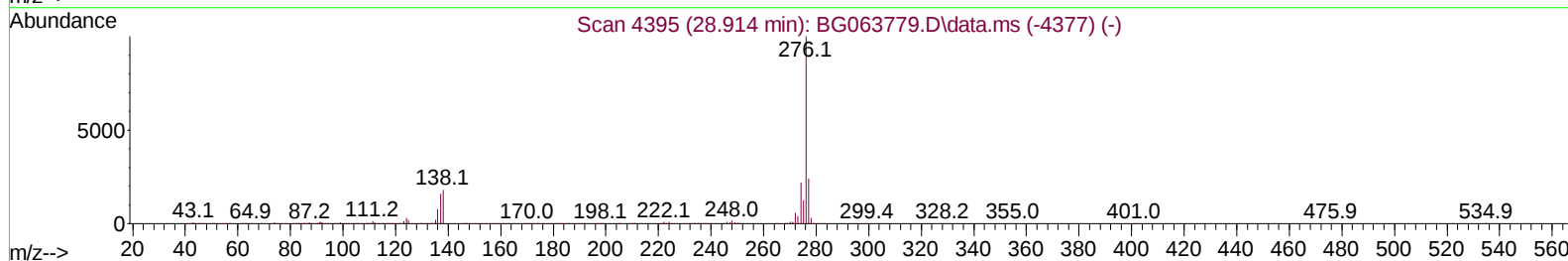
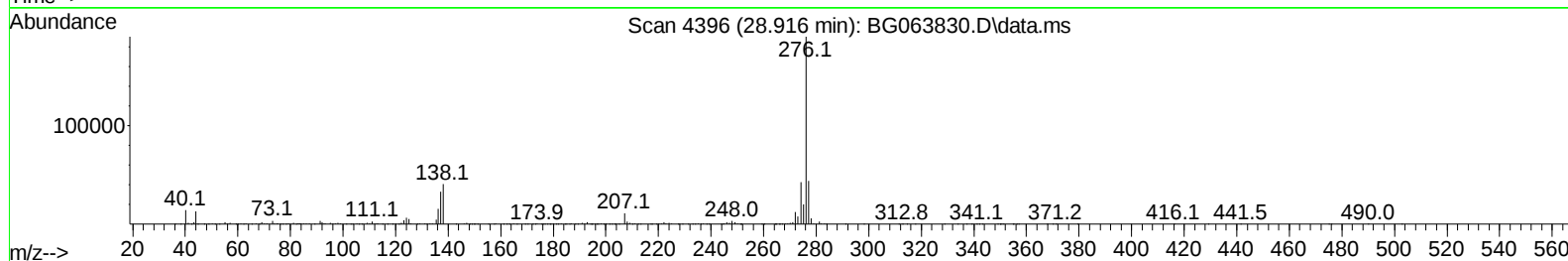
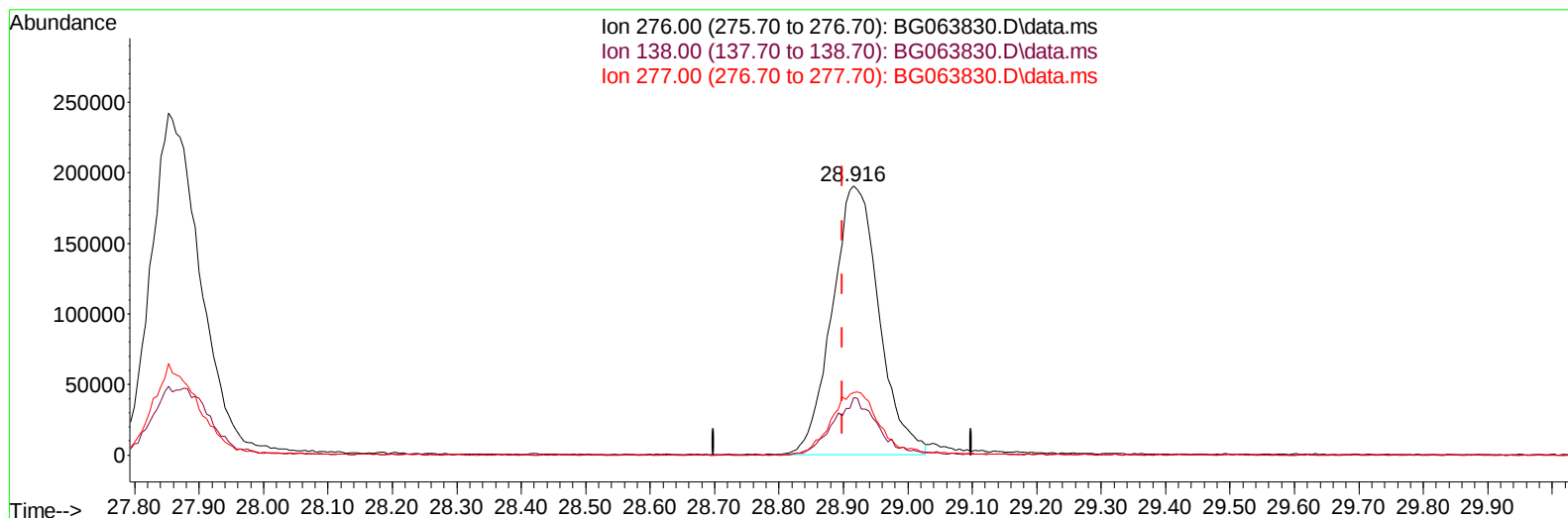
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TIC: BG063830.D\data.ms

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

28.916min (+ 0.017) 22.27 ng/u1

response 961646

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	21.34#
277.00	22.30	23.24
0.00	0.00	0.00

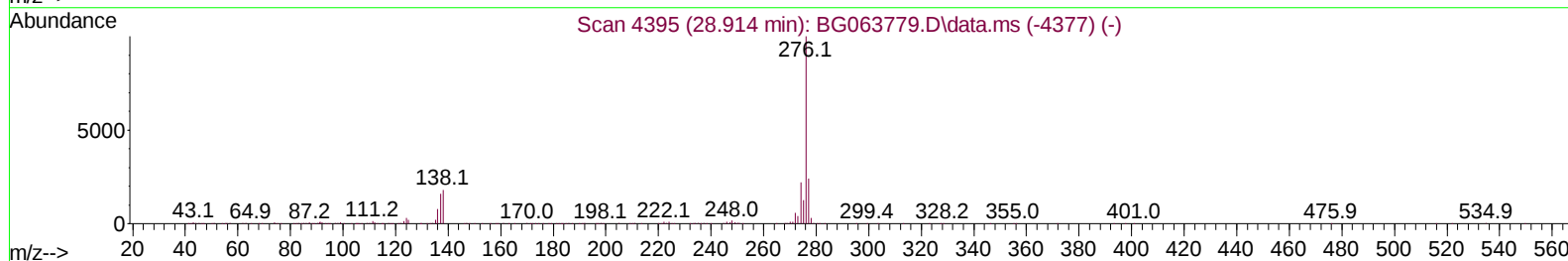
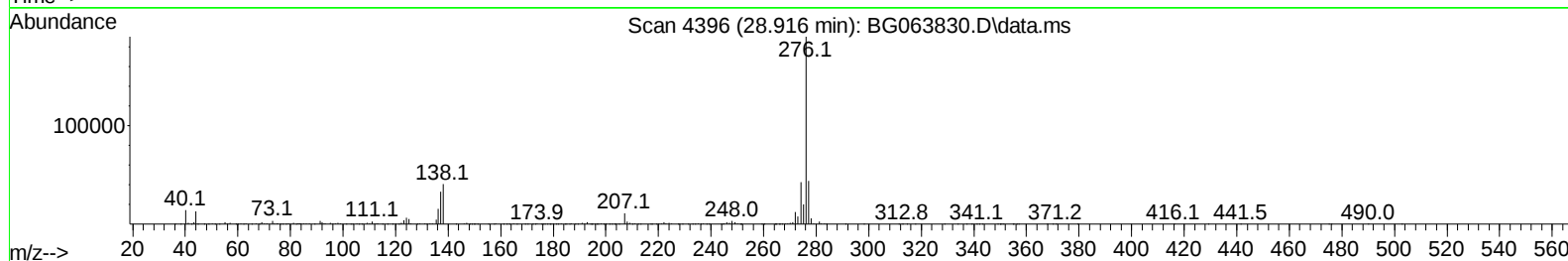
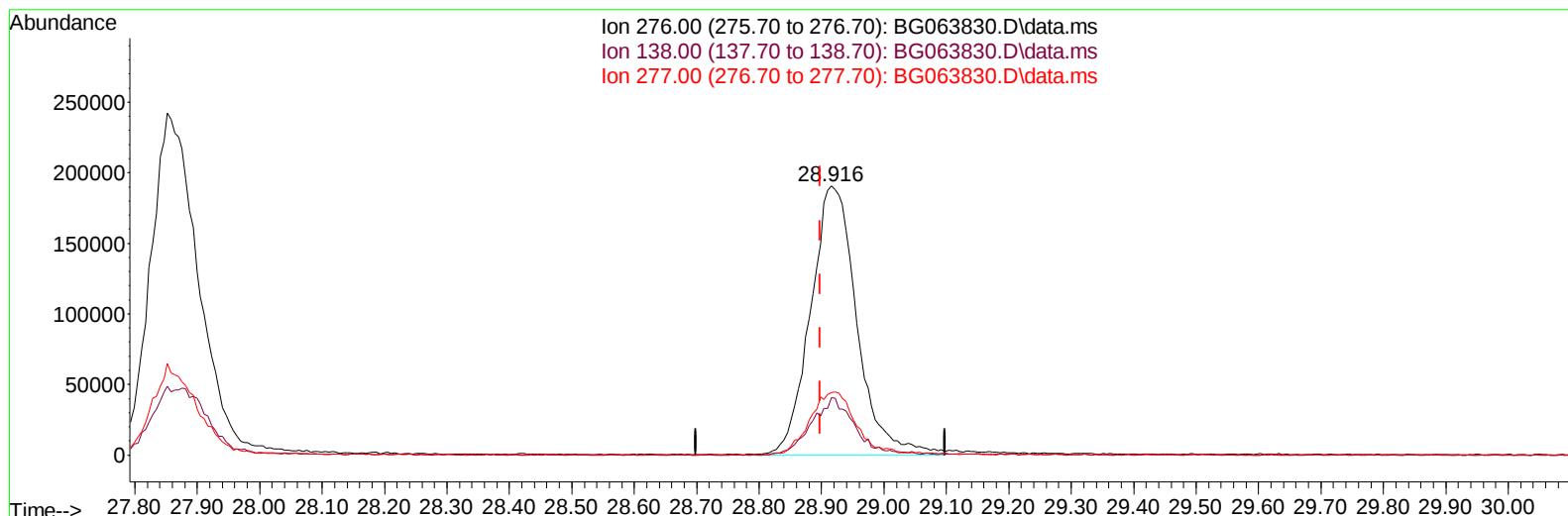
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Data File : BG063830.D
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Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG063830.D\data.ms

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

28.916min (+ 0.017) 22.84 ng/ul m

response 985924

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	21.34#
277.00	22.30	23.24
0.00	0.00	0.00

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 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Dec 25 03:34:09 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	109754	20.000	ng/ul	0.00
20) Naphthalene-d8	10.590	136	448709	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	348901	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.188	188	790018	20.000	ng/ul	0.00
79) Chrysene-d12	21.442	240	799725	20.000	ng/ul	0.00
88) Perylene-d12	24.456	264	835082	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	21456	7.661	ng/uL	0.00
4) Pyridine-d5	3.669	84	166152	18.806	ng/ul	0.00
7) Phenol-d5	6.988	99	210181	20.793	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.129	67	131355	18.815	ng/ul	0.00
11) 2-Chlorophenol-d4	7.335	132	136093	20.796	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	156883	19.990	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	72500	22.629	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	82322	22.923	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	160129	23.030	ng/ul	0.00
31) 4-Chloroaniline-d4	10.731	131	214414	24.286	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	496315	20.905	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	594248	21.958	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	71026	21.115	ng/ul	0.00
60) Fluorene-d10	15.437	176	460693	21.947	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	83060	20.250	ng/ul	0.00
73) Anthracene-d10	17.288	188	787854	23.196	ng/ul	0.00
81) Pyrene-d10	19.591	212	897441	21.565	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.251	264	900794	22.970	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	23580	7.114	ng/ul#	85
5) Pyridine	3.686	79	172632	18.242	ng/ul	93
6) Benzaldehyde	6.941	77	123906	19.984	ng/ul	89
8) Phenol	7.012	94	220576	20.475	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.223	93	160086	19.422	ng/ul	94
12) 2-Chlorophenol	7.370	128	142290	21.480	ng/ul	97
13) 2-Methylphenol	8.258	108	158461	20.351	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.316	45	246288	20.128	ng/ul	96
16) Acetophenone	8.616	105	264725	19.887	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.598	70	148527	18.700	ng/ul	91
18) 4-Methylphenol	8.581	108	175017	20.538	ng/ul	97
19) Hexachloroethane	8.869	117	63475	19.502	ng/ul	89
22) Nitrobenzene	8.998	77	222765	20.822	ng/ul	99
23) Isophorone	9.515	82	399612	19.769	ng/ul	98
25) 2-Nitrophenol	9.709	139	88594	24.004	ng/ul	90
26) 2,4-Dimethylphenol	9.779	107	182997	21.850	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.997	93	224979	20.577	ng/ul	98
29) 2,4-Dichlorophenol	10.249	162	156934	22.715	ng/ul	96
30) Naphthalene	10.637	128	499914	22.284	ng/ul	98
32) 4-Chloroaniline	10.755	127	204548	24.351	ng/ul	97
33) Hexachlorobutadiene	10.919	225	109970	19.592	ng/ul	99
34) Caprolactam	11.501	113	58550m	24.516	ng/ul	
35) 4-Chloro-3-methylphenol	11.894	107	178010	21.946	ng/ul	96

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 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020EC

Manual IntegrationsAPPROVED

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 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.253	142	355078	22.022	ng/ul	93
37) 1-Methylnaphthalene	12.476	142	357818	21.787	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.629	216	212944	19.065	ng/ul	98
40) Hexachlorocyclopentadiene	12.605	237	58401	13.227	ng/ul	92
41) 2,4,6-Trichlorophenol	12.876	196	130061	20.603	ng/ul	92
42) 2,4,5-Trichlorophenol	12.958	196	146854	22.290	ng/ul	96
43) 1,1'-Biphenyl	13.269	154	490044	21.298	ng/ul	93
44) 2-Chloronaphthalene	13.310	162	390855	21.154	ng/ul	96
45) 2-Nitroaniline	13.522	65	142019	22.947	ng/ul	97
47) Dimethylphthalate	13.892	163	486837	20.461	ng/ul	98
48) 2,6-Dinitrotoluene	14.021	165	98565	22.305	ng/ul	95
50) Acenaphthylene	14.162	152	634638	21.870	ng/ul	99
51) 3-Nitroaniline	14.350	138	79232	19.393	ng/ul#	89
52) Acenaphthene	14.503	153	459252	22.328	ng/ul	94
53) 2,4-Dinitrophenol	14.574	184	39701m	17.580	ng/ul	
55) 4-Nitrophenol	14.691	109	75762	21.690	ng/ul	95
56) Dibenzofuran	14.838	168	670752	23.131	ng/ul	96
57) 2,4-Dinitrotoluene	14.815	165	160701	24.474	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.079	232	109951	19.361	ng/ul	96
59) Diethylphthalate	15.261	149	497047	21.609	ng/ul	99
61) Fluorene	15.490	166	522378	22.560	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.484	204	261967	20.308	ng/ul	100
63) 4-Nitroaniline	15.520	138	53249m	13.019	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.590	198	90893	21.509	ng/ul#	91
67) N-Nitrosodiphenylamine	15.702	169	448247	23.431	ng/ul	96
68) 4-Bromophenyl-phenylether	16.383	248	181241	22.511	ng/ul	98
69) Hexachlorobenzene	16.507	284	199684	22.136	ng/ul	94
70) Atrazine	16.654	200	179539	22.201	ng/ul	99
71) Pentachlorophenol	16.859	266	61333m	16.126	ng/ul	
72) Phenanthrene	17.235	178	909462	23.889	ng/ul	98
74) Anthracene	17.323	178	925936	24.030	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	219211	20.797	ng/ul	99
76) Pentachlorobenzene	14.768	250	227696	21.805	ng/ul	99
77) Carbazole	17.600	167	781647	25.060	ng/ul	99
78) Di-n-butylphthalate	18.158	149	939633	24.944	ng/ul	99
80) Fluoranthene	19.256	202	1074524	22.717	ng/ul	98
82) Pyrene	19.621	202	1144454	22.742	ng/ul#	95
83) Butylbenzylphthalate	20.514	149	412759	26.719	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.342	252	330046	22.862	ng/ul	89
85) Benzo(a)anthracene	21.424	228	1096932	21.886	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.336	149	610746	27.178	ng/ul	97
87) Chrysene	21.483	228	1051641	22.015	ng/ul	98
89) Di-n-octyl phthalate	22.464	149	1042674	28.928	ng/ul	100
90) Benzo(b)fluoranthene	23.504	252	1086973	22.902	ng/ul	98
91) Benzo(k)fluoranthene	23.563	252	1082344	22.862	ng/ul	99
93) Benzo(a)pyrene	24.309	252	1006317	22.589	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.852	276	1285217	23.623	ng/ul	93
95) Dibenzo(a,h)anthracene	27.899	278	1027658	23.606	ng/ul#	95
96) Benzo(g,h,i)perylene	28.916	276	985924m	22.837	ng/ul	

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

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

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