

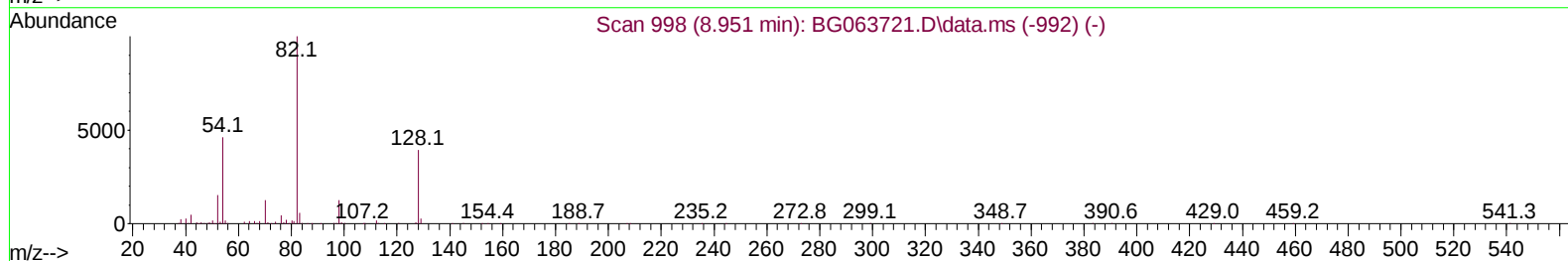
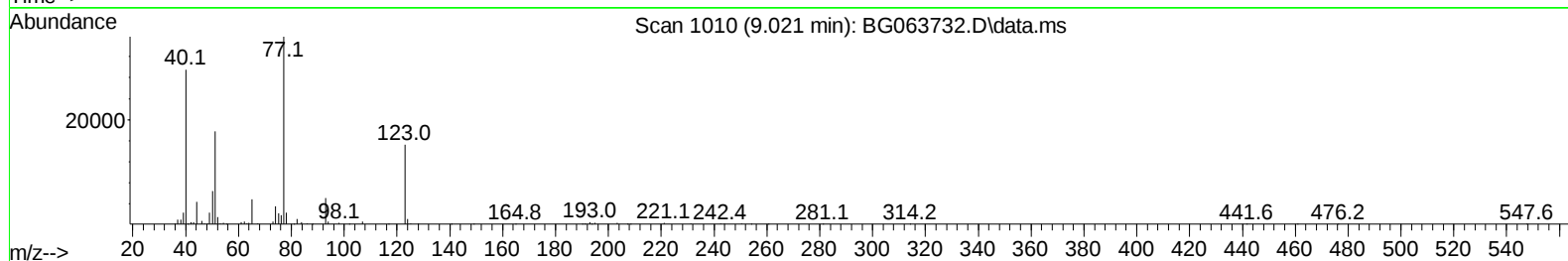
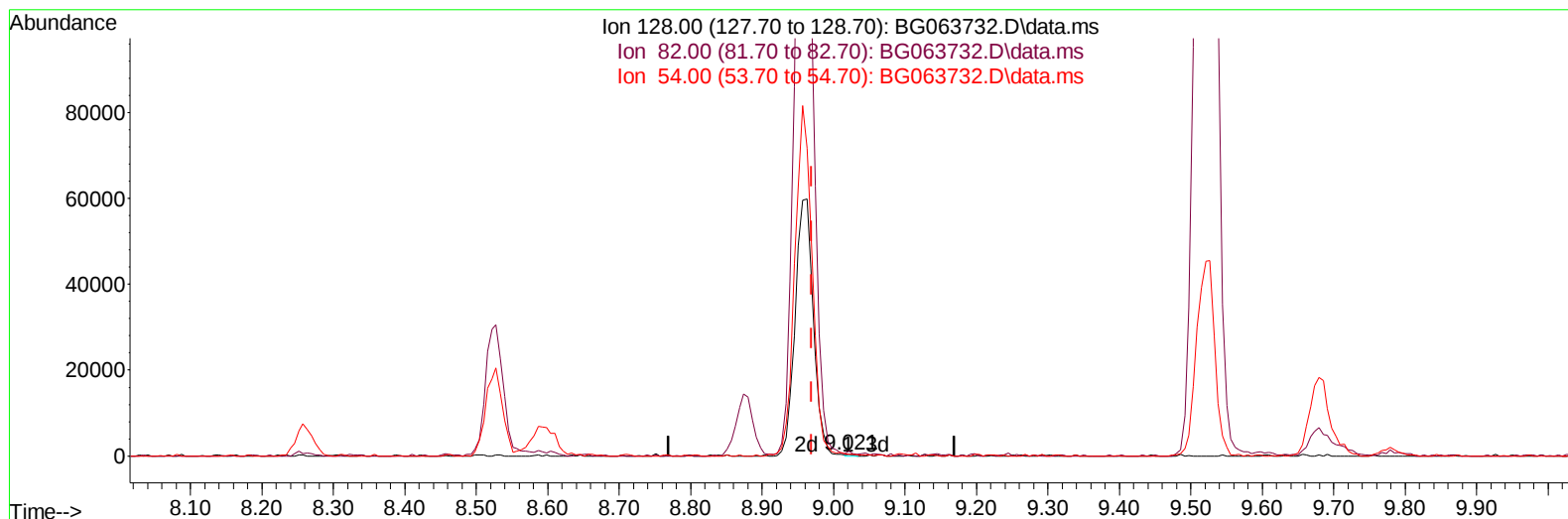
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
Data File : BG063732.D
Acq On : 18 Dec 2024 18:45
Operator : RC/JU
Sample : PB165662BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS662

Manual IntegrationsAPPROVED

Quant Time: Dec 18 23:12:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BG063732.D\data.ms

(21) Nitrobenzene-d5 (S)

9.021min (+ 0.052) 0.06 ng/u1

response	201	
Ion	Exp%	Act%
128.00	100.00	100.00
82.00	300.20	337.20
54.00	156.50	125.30
0.00	0.00	0.00

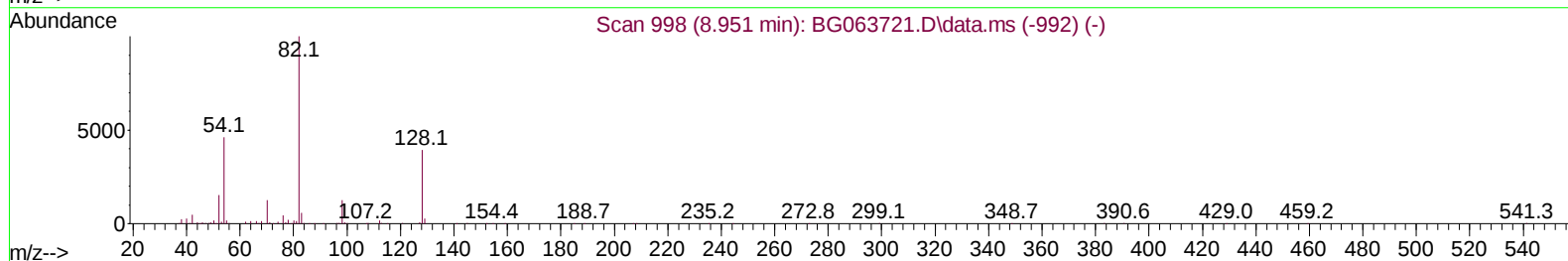
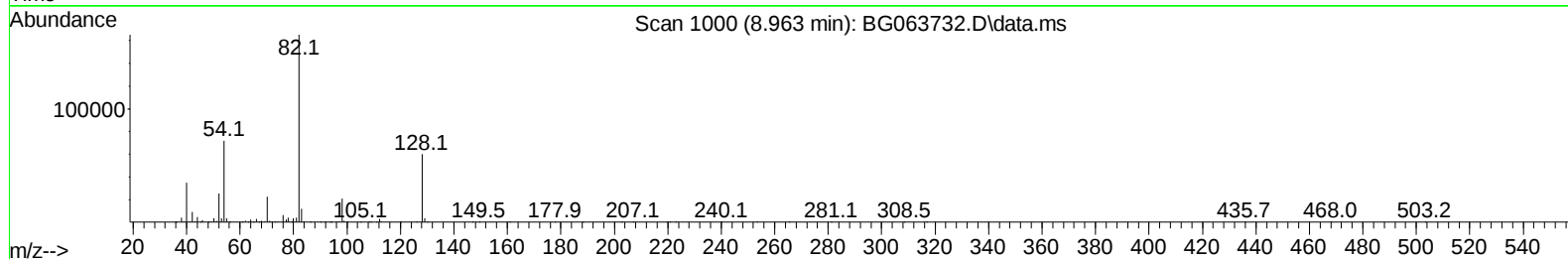
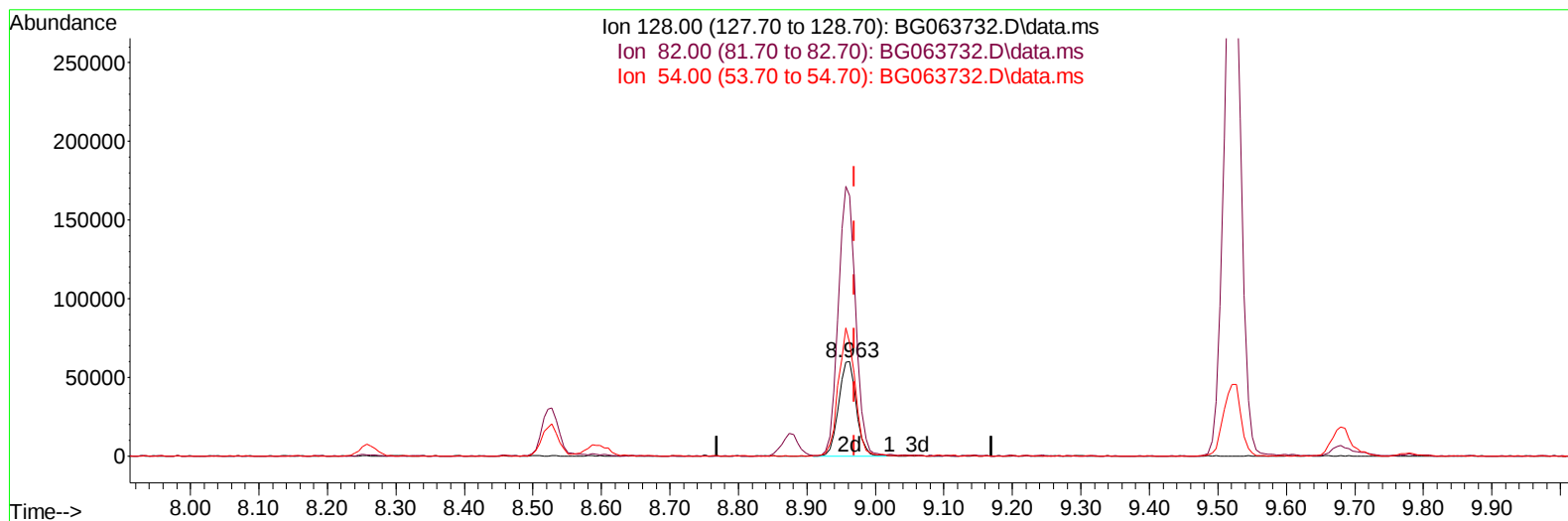
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
Data File : BG063732.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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TIC: BG063732.D\data.ms

(21) Nitrobenzene-d5 (S)

8.963min (-0.007) 31.07 ng/u1 m

response 106517

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	300.20	275.53
54.00	156.50	119.55#
0.00	0.00	0.00

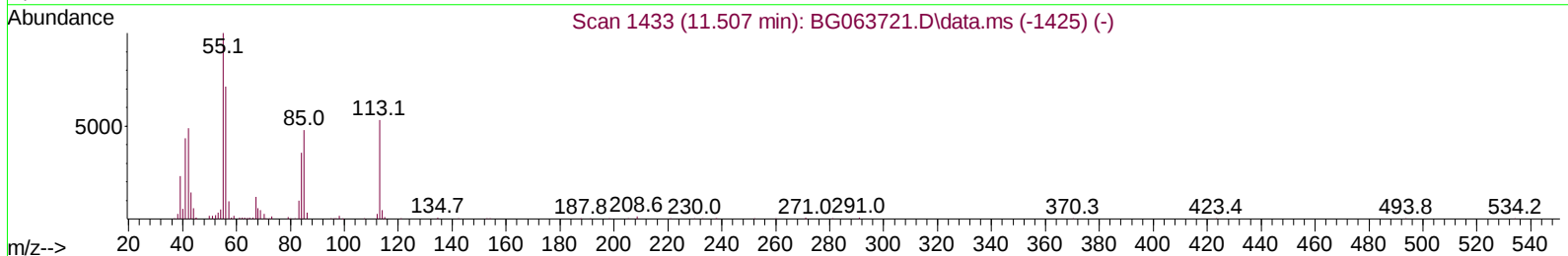
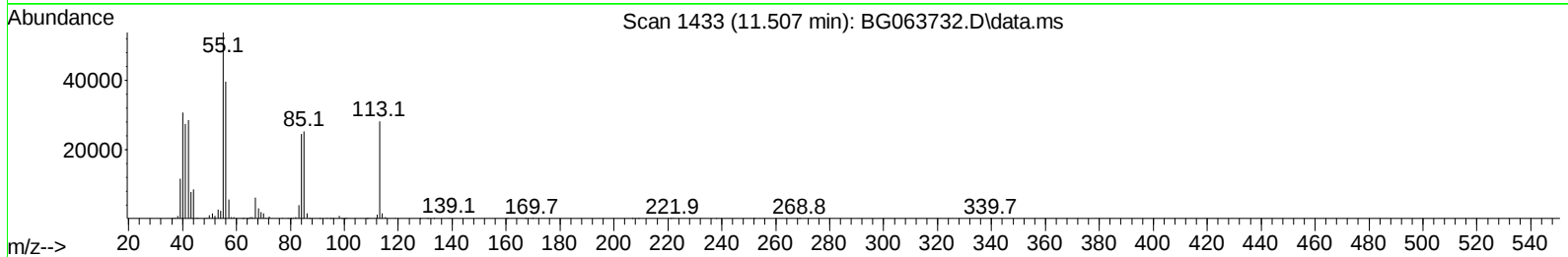
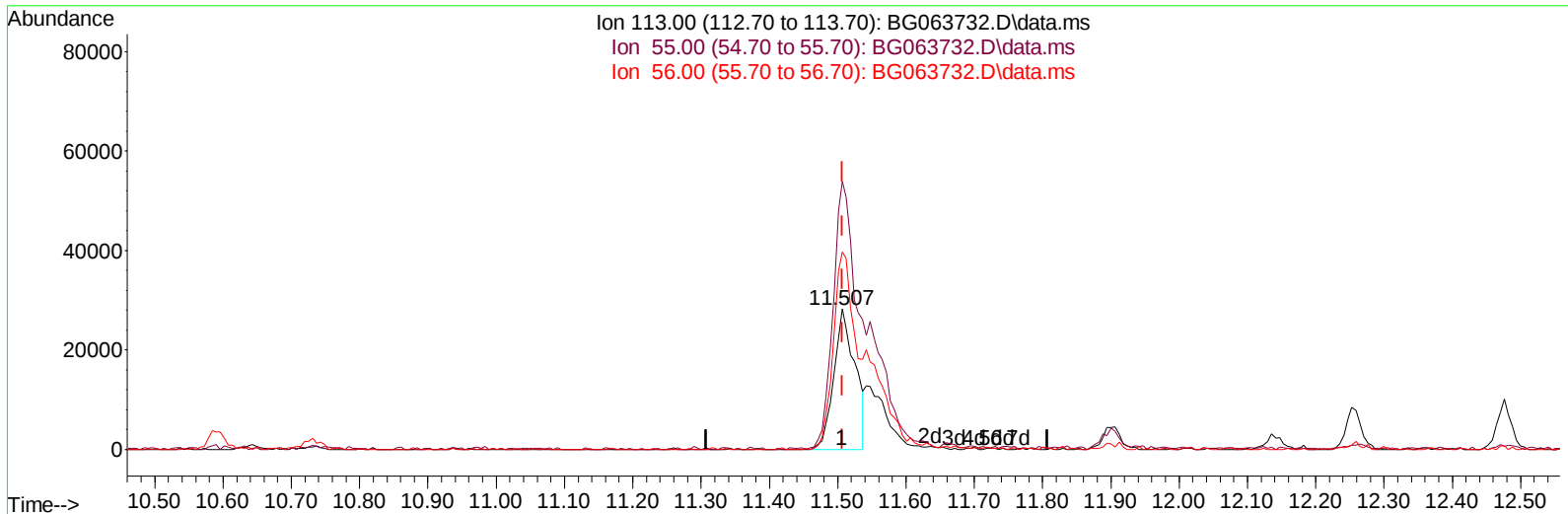
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
Data File : BG063732.D
Acq On : 18 Dec 2024 18:45
Operator : RC/JU
Sample : PB165662BS
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ALS Vial : 13 Sample Multiplier: 1

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TIC: BG063732.D\data.ms

(34) Caprolactam

11.507min (-0.001) 23.73 ng/ul

response 60637

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	190.88
56.00	133.90	140.76
0.00	0.00	0.00

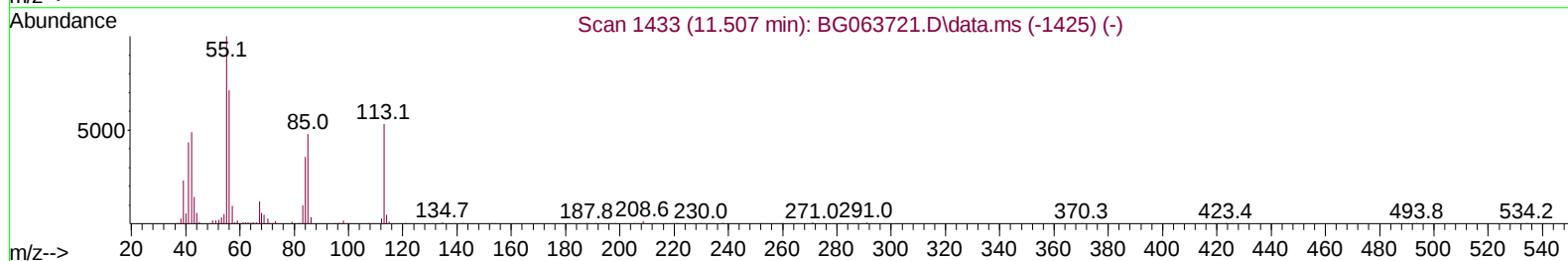
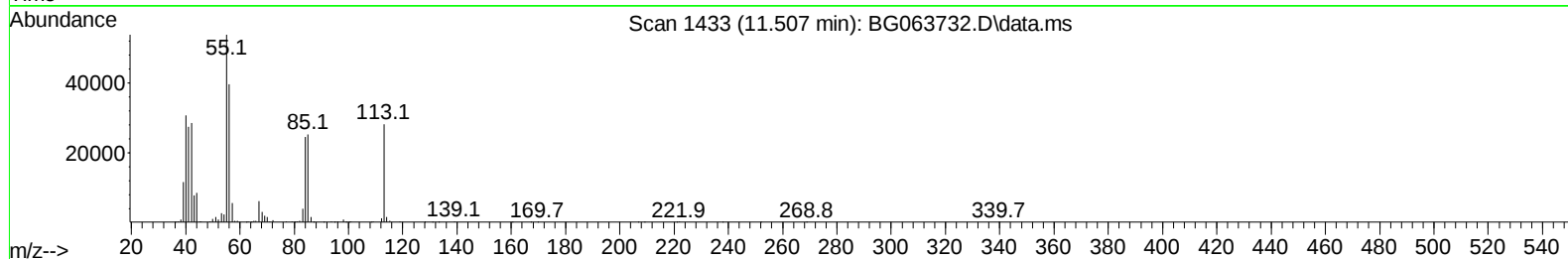
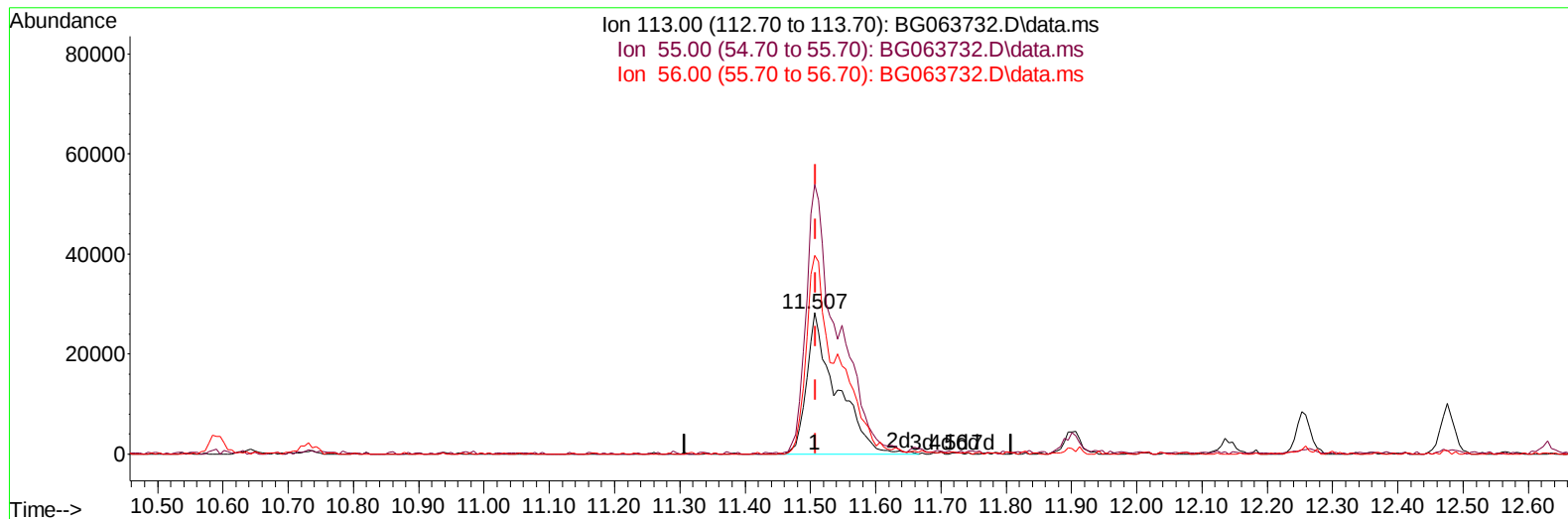
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
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TIC: BG063732.D\data.ms

(34) Caprolactam

11.507min (-0.001) 35.16 ng/ul m

response 89851

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	190.88
56.00	133.90	140.76
0.00	0.00	0.00

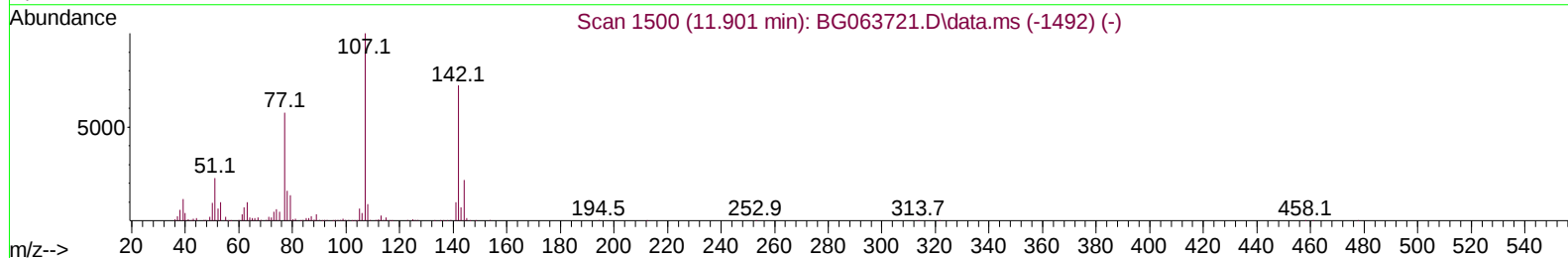
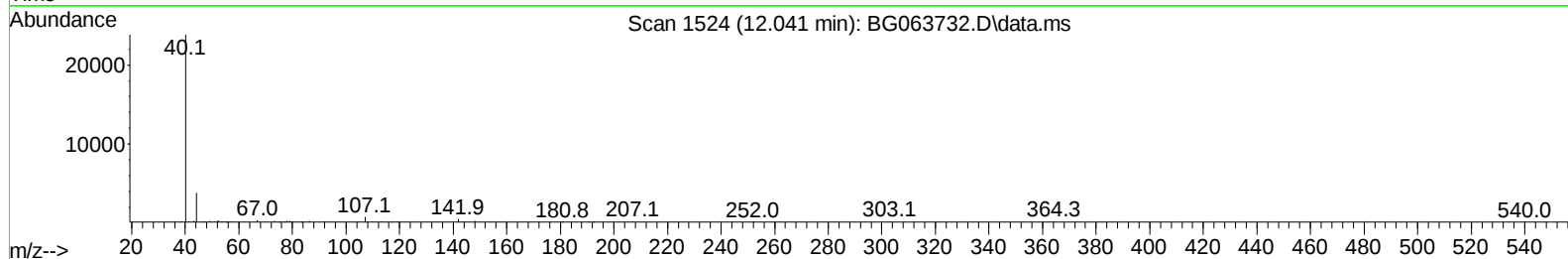
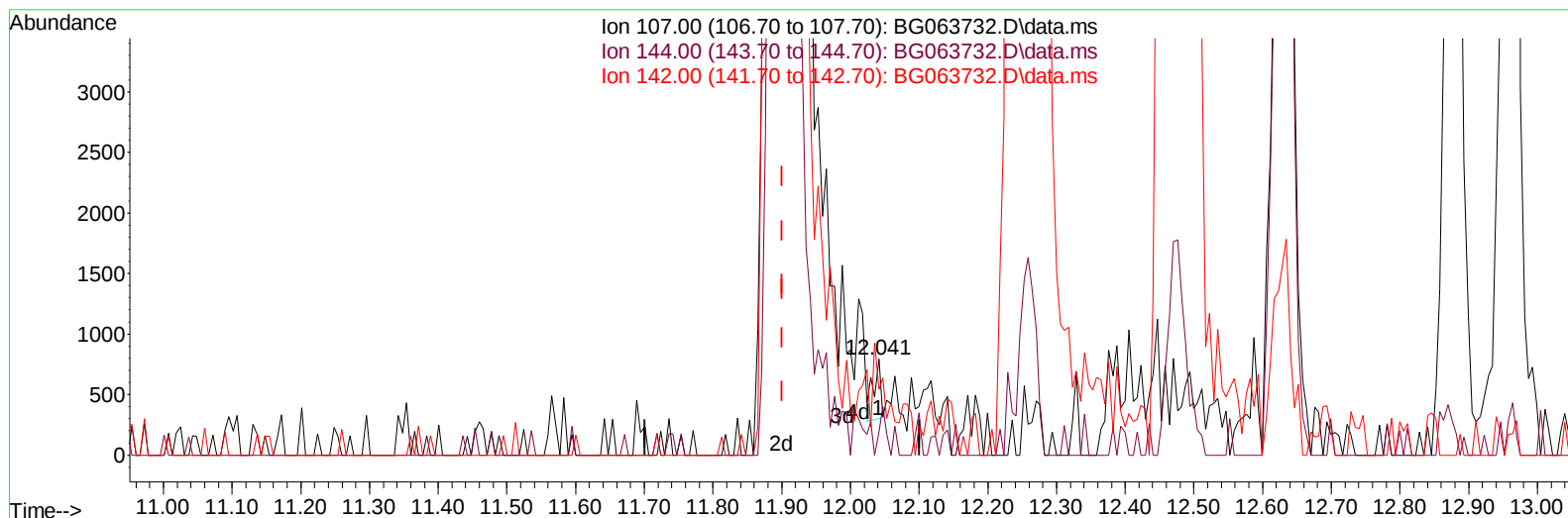
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
Data File : BG063732.D
Acq On : 18 Dec 2024 18:45
Operator : RC/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BG063732.D\data.ms

(35) 4-Chloro-3-methylphenol (C)

12.041min (+ 0.140) 0.04 ng/u1

response 373

Ion	Exp%	Act%
107.00	100.00	100.00
144.00	20.40	24.46
142.00	68.70	68.47
0.00	0.00	0.00

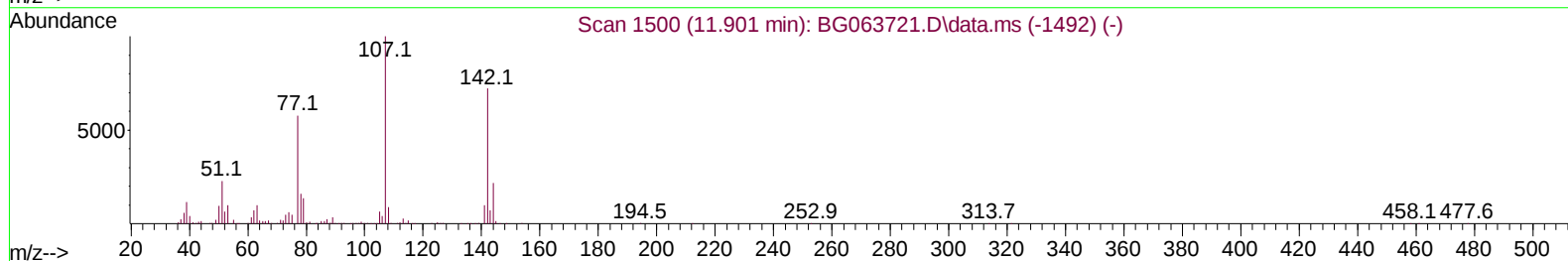
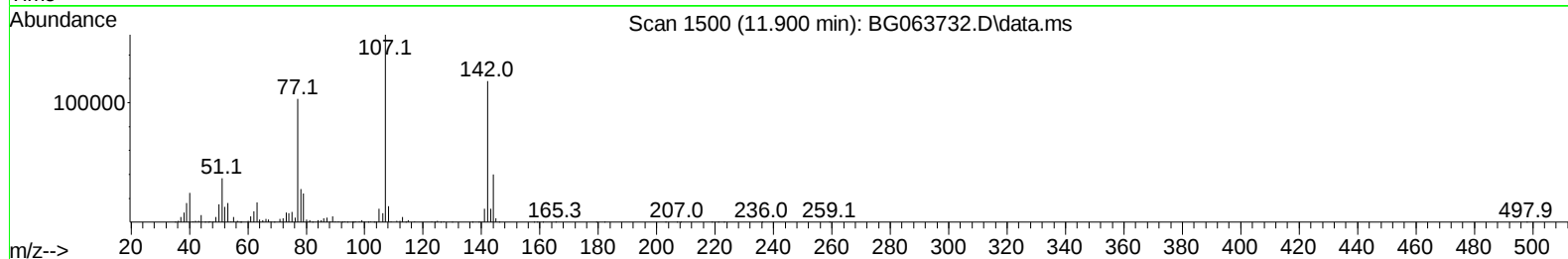
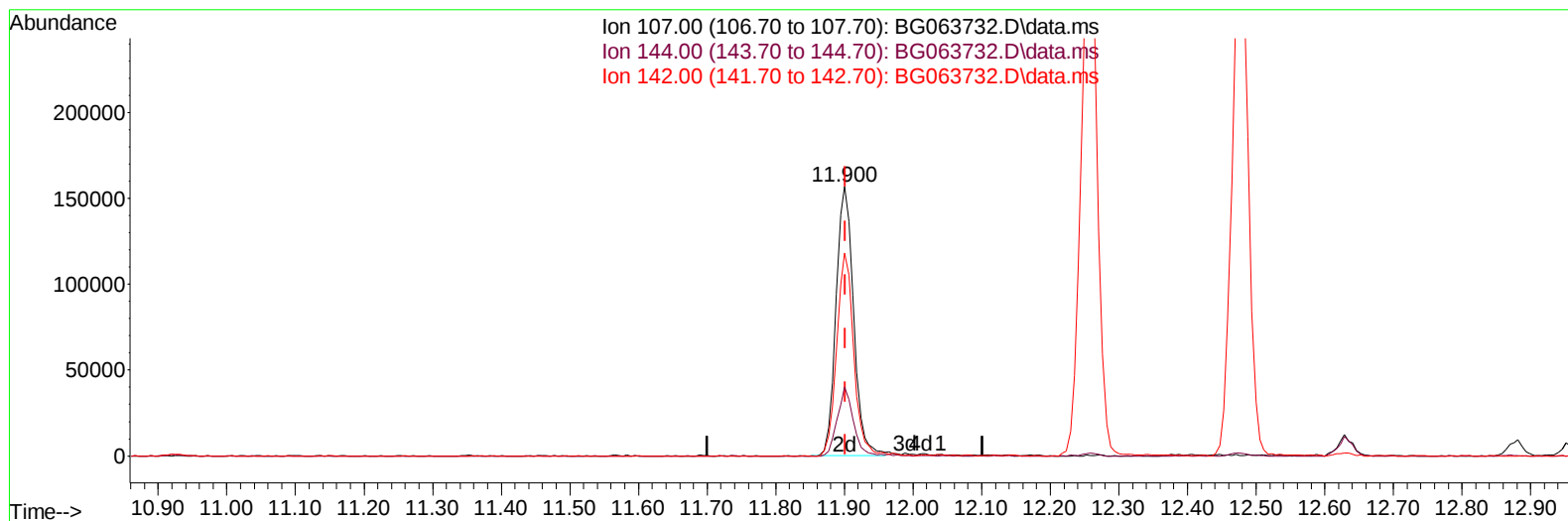
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
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 ALS Vial : 13 Sample Multiplier: 1

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TIC: BG063732.D\data.ms

(35) 4-Chloro-3-methylphenol (C)

11.900min (-0.001) 31.72 ng/ul m

response 275277

Ion	Exp%	Act%
107.00	100.00	100.00
144.00	20.40	25.56#
142.00	68.70	75.26
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	7.799	152	118750	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.590	136	480149	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.444	164	360915	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.194	188	958346	20.000	ng/ul	-0.01
79) Chrysene-d12	21.442	240	1060068	20.000	ng/ul	-0.02
88) Perylene-d12	24.456	264	1116237	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	15981	5.274	ng/uL	-0.01
4) Pyridine-d5	3.675	84	256239	26.805	ng/ul	-0.01
7) Phenol-d5	6.994	99	319556	29.219	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.135	67	188204	24.916	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.341	132	212625	30.030	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	242895	28.606	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	106517m	31.070	ng/ul	0.00
24) 2-Nitrophenol-d4	9.679	143	117653	30.615	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.232	165	240853	32.371	ng/ul	0.00
31) 4-Chloroaniline-d4	10.731	131	268630	28.435	ng/ul	-0.01
46) Dimethylphthalate-d6	13.851	166	746526	30.398	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	844055	30.150	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.679	143	130542	37.516	ng/ul	0.00
60) Fluorene-d10	15.437	176	686466	31.615	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.572	200	155295	31.210	ng/ul	0.00
73) Anthracene-d10	17.294	188	1278112	31.020	ng/ul	-0.01
81) Pyrene-d10	19.591	212	1587665	28.781	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.250	264	1572321	29.995	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	33323	9.292	ng/uL	97
5) Pyridine	3.692	79	267688	26.144	ng/ul	92
6) Benzaldehyde	6.947	77	28848	4.300	ng/ul#	85
8) Phenol	7.018	94	354899	30.448	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.229	93	243199	27.271	ng/ul	97
12) 2-Chlorophenol	7.376	128	225568	31.472	ng/ul	97
13) 2-Methylphenol	8.257	108	242313	28.763	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	357279	26.986	ng/ul	97
16) Acetophenone	8.622	105	388316	26.962	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.604	70	220377	25.644	ng/ul	93
18) 4-Methylphenol	8.587	108	277832	30.133	ng/ul	99
19) Hexachloroethane	8.874	117	89262	25.347	ng/ul	95
22) Nitrobenzene	9.004	77	320641	28.008	ng/ul	94
23) Isophorone	9.521	82	601999	27.831	ng/ul	98
25) 2-Nitrophenol	9.715	139	124148	31.434	ng/ul	88
26) 2,4-Dimethylphenol	9.779	107	276045	30.802	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.003	93	331810	28.361	ng/ul	94
29) 2,4-Dichlorophenol	10.255	162	248565	33.622	ng/ul	98
30) Naphthalene	10.643	128	713328	29.715	ng/ul	97
32) 4-Chloroaniline	10.755	127	174302	19.392	ng/ul	94
33) Hexachlorobutadiene	10.925	225	157269	26.185	ng/ul	98
34) Caprolactam	11.507	113	89851m	35.159	ng/ul	
35) 4-Chloro-3-methylphenol	11.900	107	275277m	31.716	ng/ul	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.259	142	510011	29.560	ng/ul	96
37) 1-Methylnaphthalene	12.476	142	508054	28.909	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.629	216	306463	26.525	ng/ul	97
40) Hexachlorocyclopentadiene	12.605	237	69039	15.116	ng/ul	99
41) 2,4,6-Trichlorophenol	12.876	196	210710	32.267	ng/ul	93
42) 2,4,5-Trichlorophenol	12.958	196	230651	33.844	ng/ul	96
43) 1,1'-Biphenyl	13.269	154	707002	29.704	ng/ul	94
44) 2-Chloronaphthalene	13.316	162	568633	29.751	ng/ul	97
45) 2-Nitroaniline	13.522	65	219098	34.222	ng/ul	94
47) Dimethylphthalate	13.898	163	766303	31.134	ng/ul	98
48) 2,6-Dinitrotoluene	14.021	165	156335	34.201	ng/ul	93
50) Acenaphthylene	14.162	152	921913	30.712	ng/ul	97
51) 3-Nitroaniline	14.356	138	163706	38.735	ng/ul	86
52) Acenaphthene	14.509	153	655293	30.799	ng/ul	96
53) 2,4-Dinitrophenol	14.574	184	77927	33.359	ng/ul	96
55) 4-Nitrophenol	14.691	109	120220	33.273	ng/ul	94
56) Dibenzofuran	14.844	168	978105	32.608	ng/ul	98
57) 2,4-Dinitrotoluene	14.820	165	249270	36.699	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.079	232	212543	36.180	ng/ul	96
59) Diethylphthalate	15.267	149	809339	34.014	ng/ul	98
61) Fluorene	15.496	166	795070	33.194	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.484	204	413572	30.993	ng/ul	98
63) 4-Nitroaniline	15.525	138	203301	48.050	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.590	198	159823	31.178	ng/ul#	90
67) N-Nitrosodiphenylamine	15.702	169	708597	30.534	ng/ul	98
68) 4-Bromophenyl-phenylether	16.383	248	284003	29.078	ng/ul	93
69) Hexachlorobenzene	16.507	284	327147	29.896	ng/ul	97
70) Atrazine	16.659	200	310139	31.615	ng/ul	97
71) Pentachlorophenol	16.859	266	152078	32.962	ng/ul	95
72) Phenanthrene	17.235	178	1499466	32.468	ng/ul	100
74) Anthracene	17.329	178	1518475	32.486	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	310776	24.305	ng/ul	99
76) Pentachlorobenzene	14.768	250	352313	27.813	ng/ul	99
77) Carbazole	17.599	167	1379338	36.455	ng/ul	98
78) Di-n-butylphthalate	18.158	149	1626809	35.601	ng/ul	99
80) Fluoranthene	19.256	202	1893281	30.197	ng/ul#	95
82) Pyrene	19.621	202	2033340	30.482	ng/ul#	94
83) Butylbenzylphthalate	20.514	149	750845	36.668	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.348	252	612988	32.033	ng/ul	96
85) Benzo(a)anthracene	21.424	228	1947915	29.320	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.336	149	1082638	36.346	ng/ul	100
87) Chrysene	21.489	228	1867177	29.488	ng/ul	96
89) Di-n-octyl phthalate	22.470	149	1871430	38.843	ng/ul	100
90) Benzo(b)fluoranthene	23.504	252	1999262	31.513	ng/ul	99
91) Benzo(k)fluoranthene	23.569	252	1913867	30.243	ng/ul	99
93) Benzo(a)pyrene	24.321	252	1829061	30.715	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.864	276	2269410	31.206	ng/ul	96
95) Dibenzo(a,h)anthracene	27.905	278	1854537	31.871	ng/ul	96
96) Benzo(g,h,i)perylene	28.933	276	1791992	31.053	ng/ul	99

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

Instrument :

BNA_G

ClientSampleId :

SLCS662

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/21/2024

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