

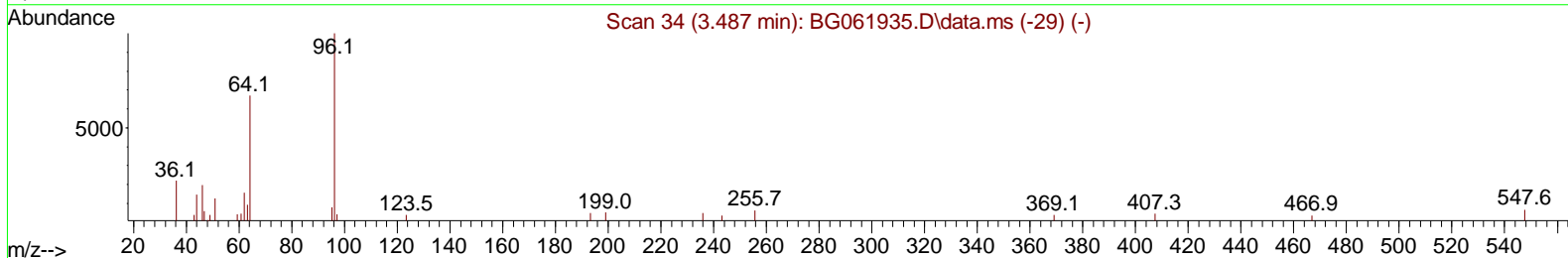
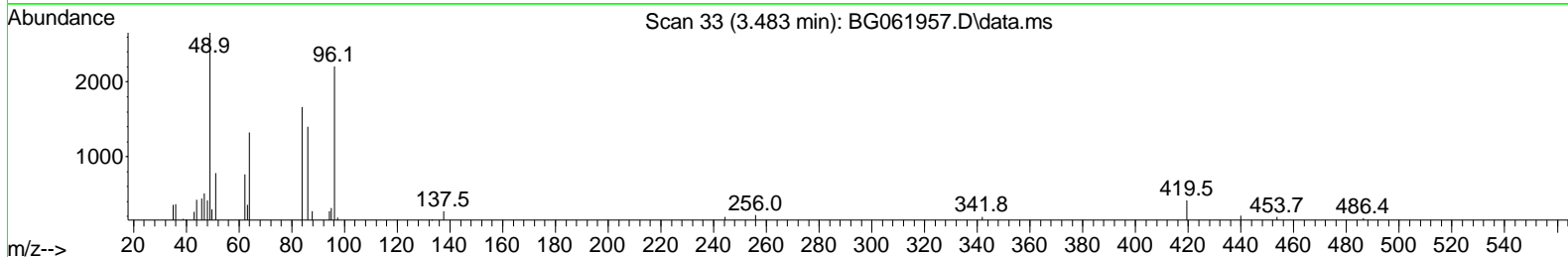
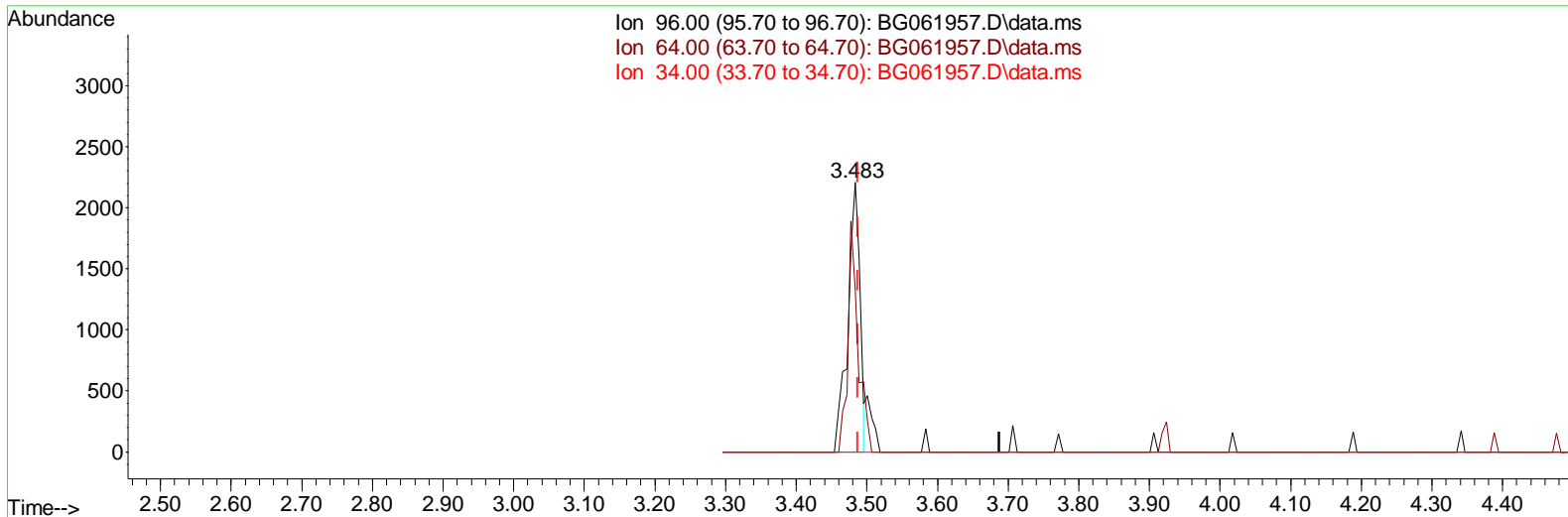
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
 Data File : BG061957.D
 Acq On : 9 Jul 2024 1:38
 Operator : MA/JU
 Sample : P3062-03MSD 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E1GN8MSD

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 07/09/2024
 Supervised By : mohammad ahmed 07/10/2024

Quant Time: Jul 09 02:59:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration



TIC: BG061957.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.483min (-0.005) 2.56 ng/uL

response	2654	
Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	59.99#
34.00	0.00	0.00
0.00	0.00	0.00

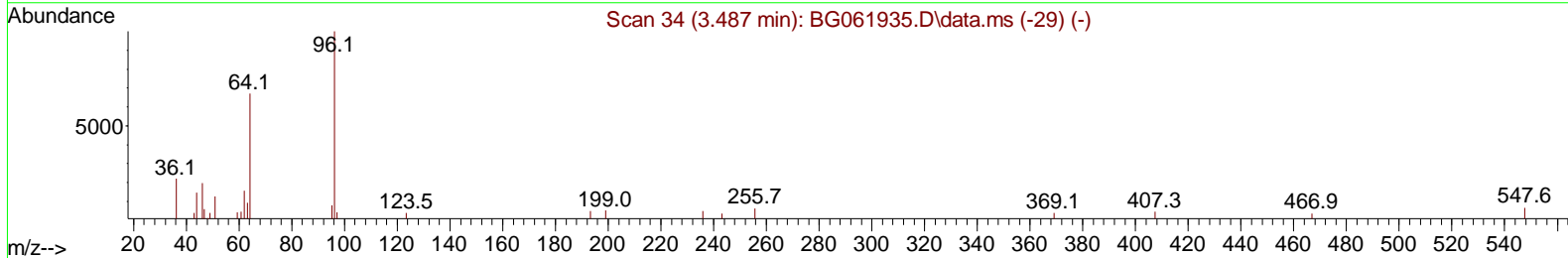
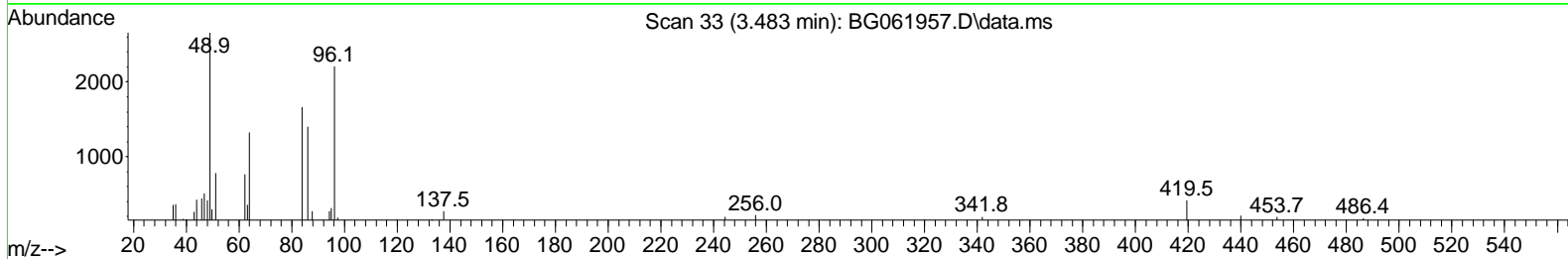
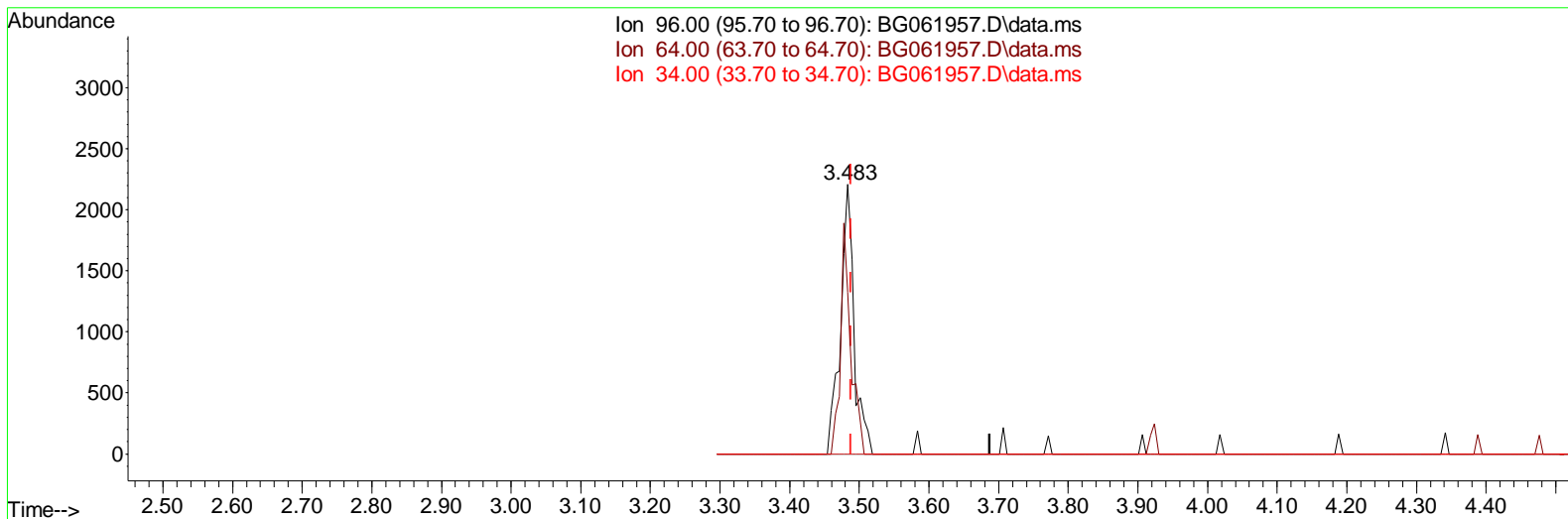
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TIC: BG061957.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.483min (-0.005) 2.87 ng/uL m

response	2982	
Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	59.99#
34.00	0.00	0.00
0.00	0.00	0.00

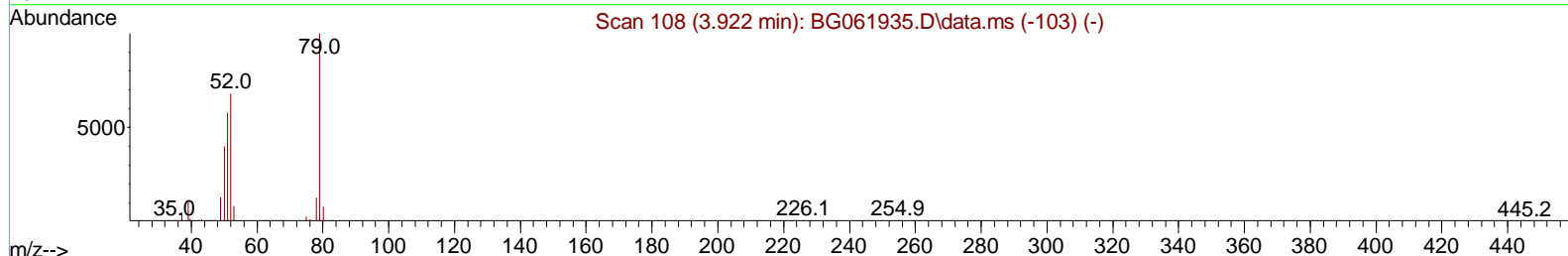
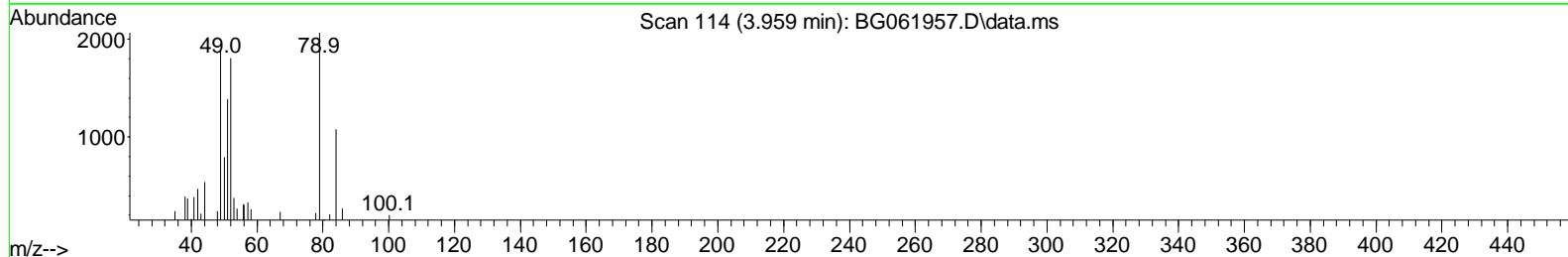
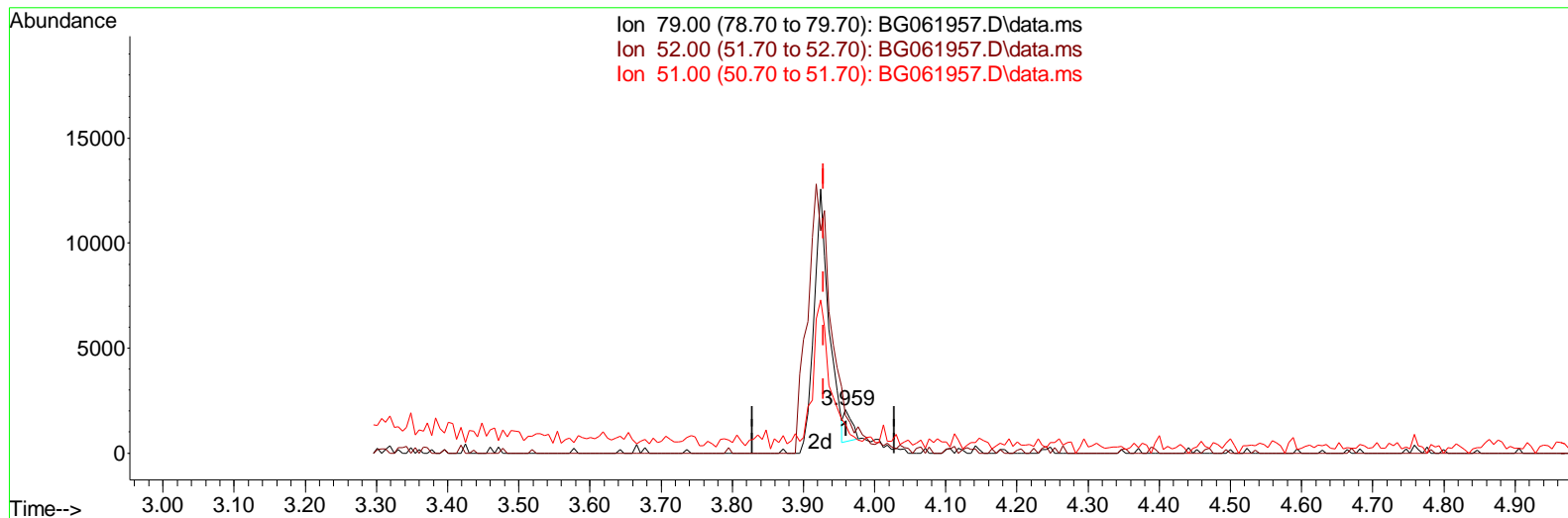
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TIC: BG061957.D\data.ms

(5) Pyridine

3.959min (+ 0.031) 0.36 ng/ul

response	1176	
Ion	Exp%	Act%
79.00	100.00	100.00
52.00	107.50	87.56
51.00	58.00	67.04
0.00	0.00	0.00

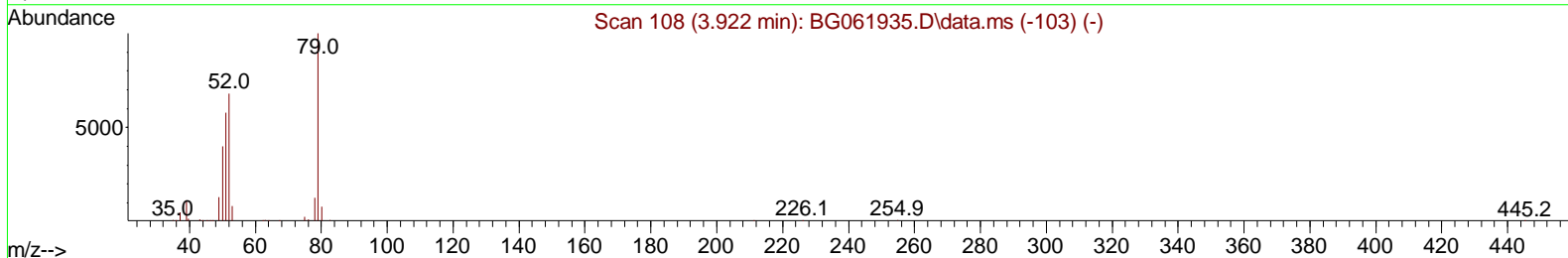
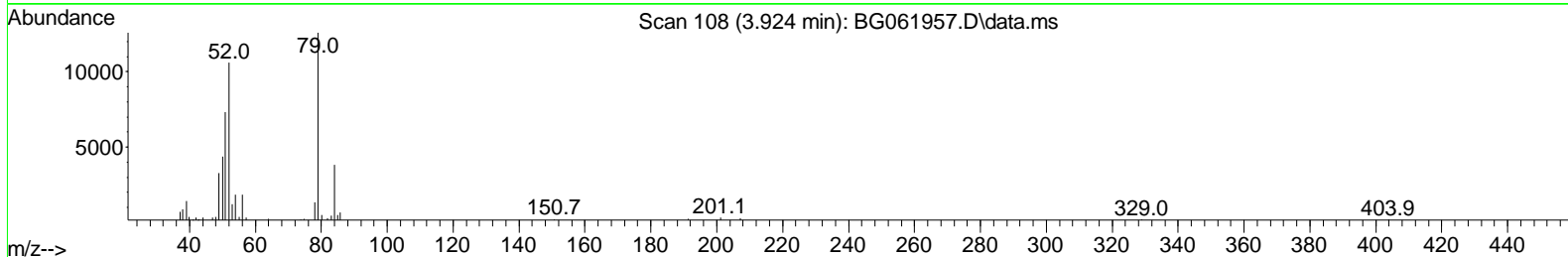
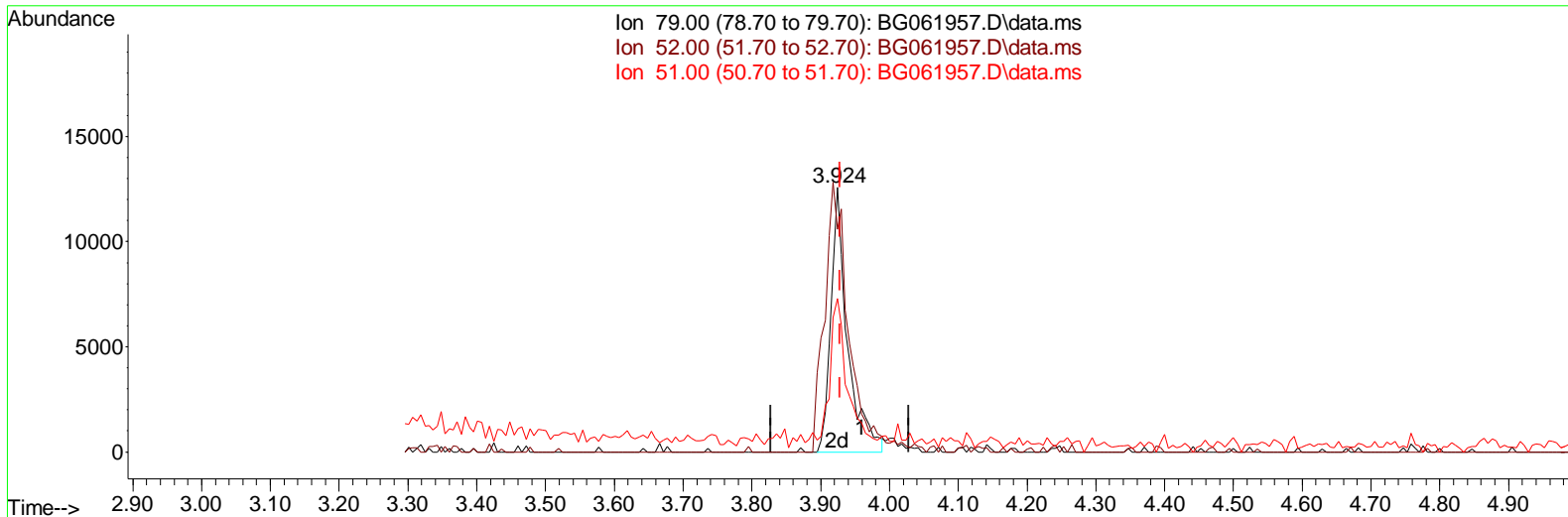
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TIC: BG061957.D\data.ms

(5) Pyridine

3.924min (-0.004) 6.46 ng/ul m

response	21133	
Ion	Exp%	Act%
79.00	100.00	100.00
52.00	107.50	84.11#
51.00	58.00	58.09
0.00	0.00	0.00

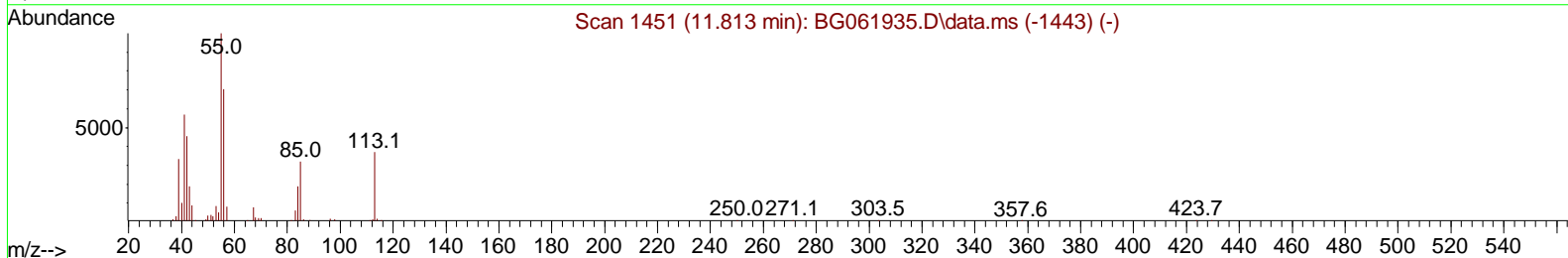
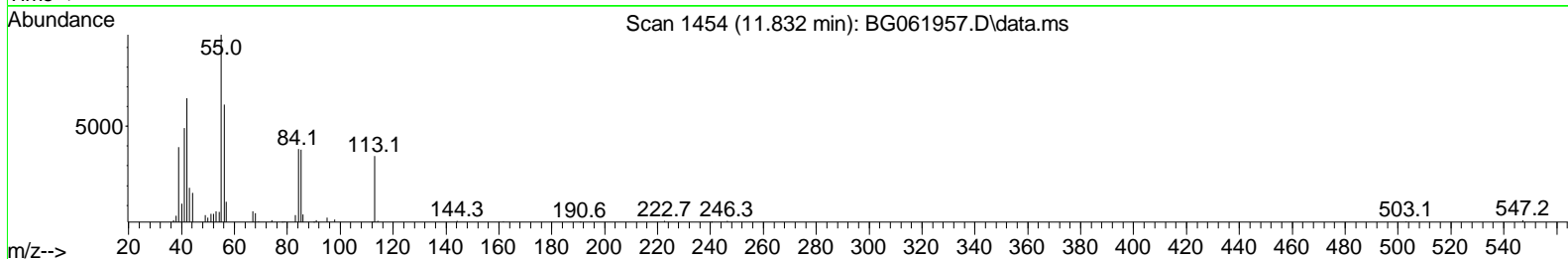
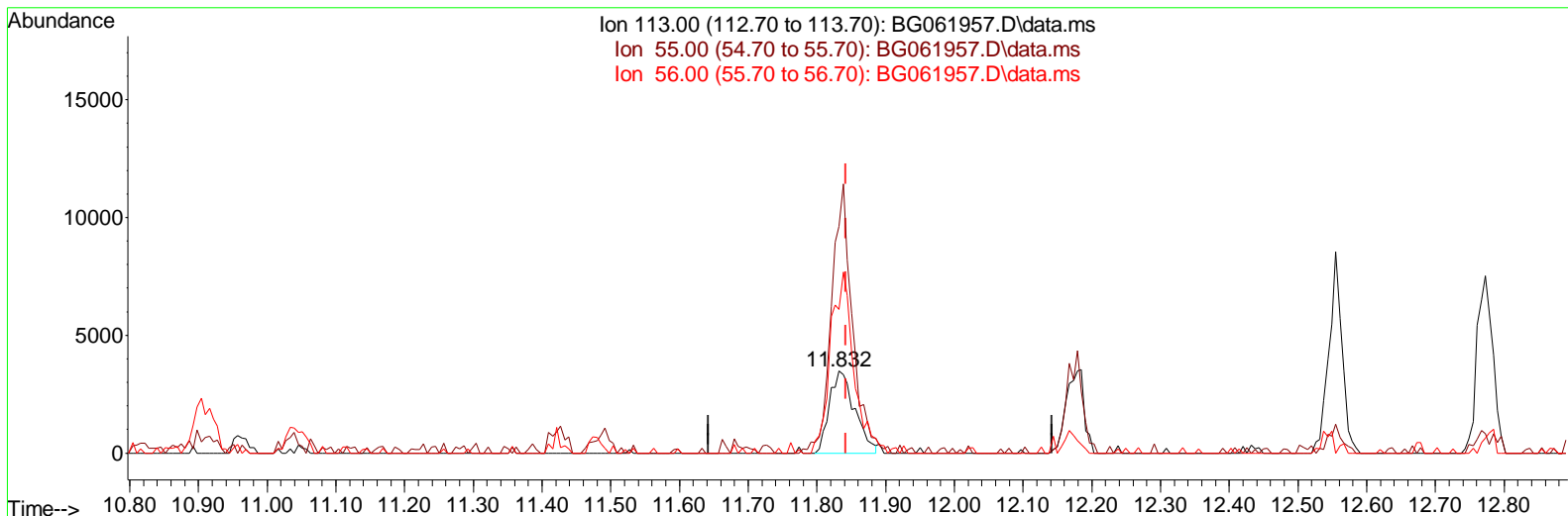
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
 Data File : BG061957.D
 Acq On : 9 Jul 2024 1:38
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 Sample : P3062-03MSD 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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 Supervised By :mohammad ahmed 07/10/2024



TIC: BG061957.D\data.ms

(34) Caprolactam

11.832min (-0.010) 6.95 ng/ul

response 8900

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	276.75
56.00	168.80	174.86
0.00	0.00	0.00

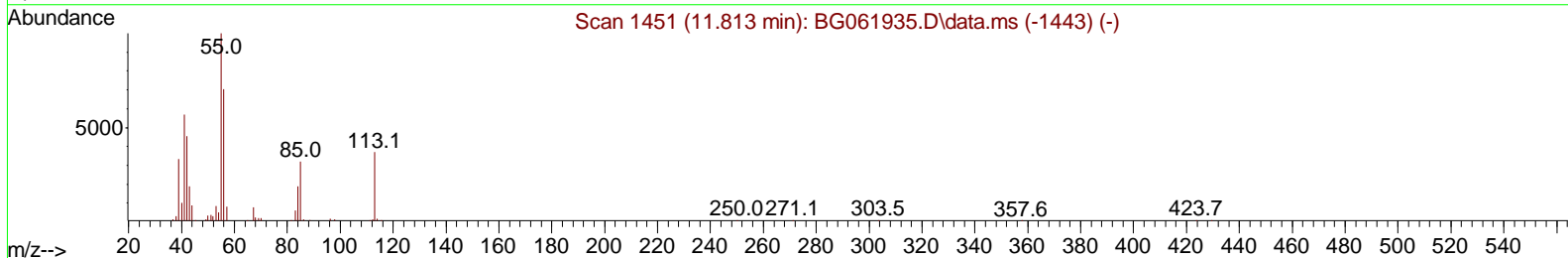
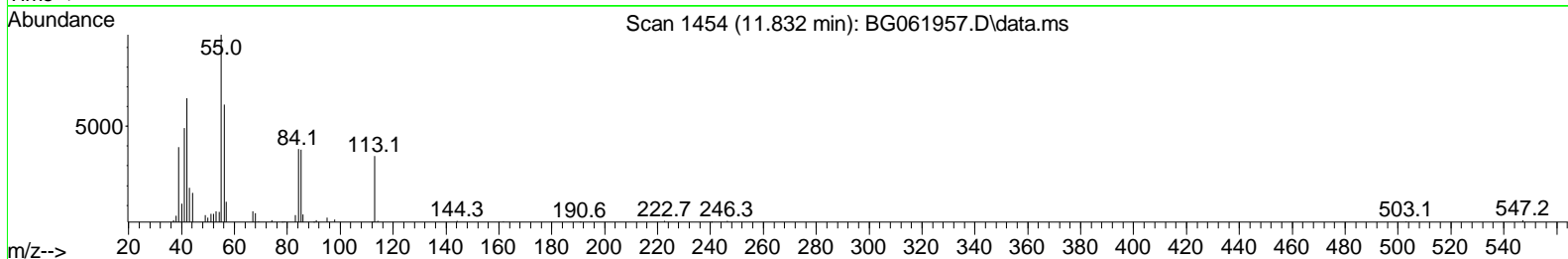
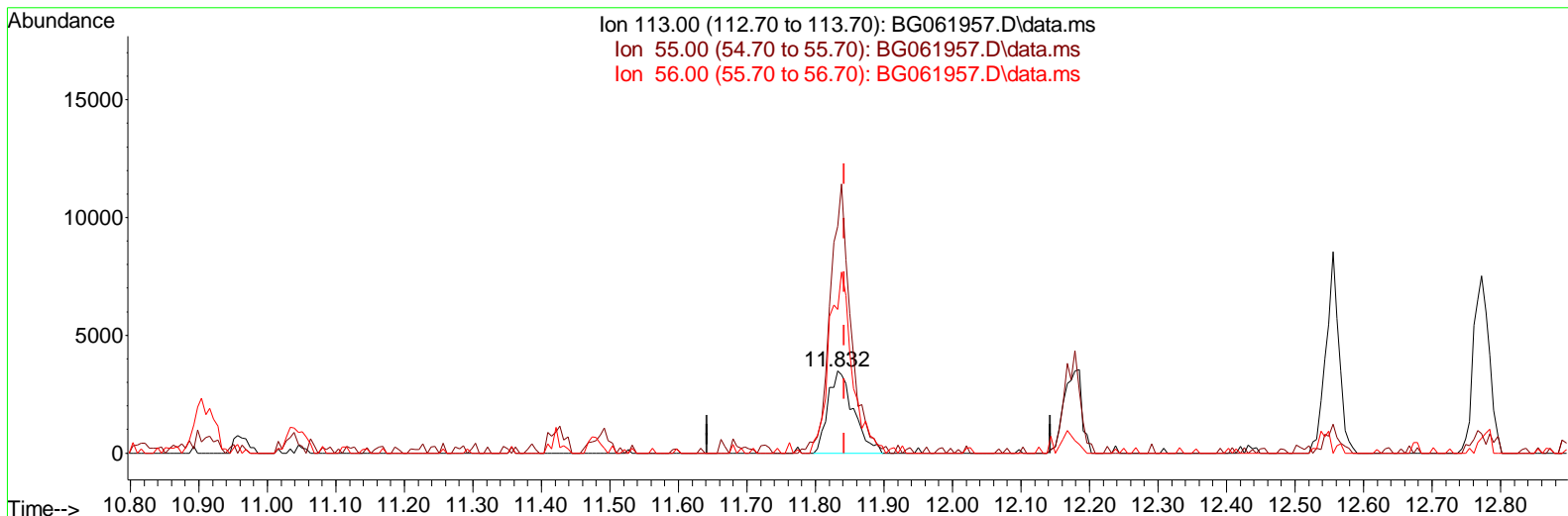
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 Data File : BG061957.D
 Acq On : 9 Jul 2024 1:38
 Operator : MA/JU
 Sample : P3062-03MSD 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024



TIC: BG061957.D\data.ms

(34) Caprolactam

11.832min (-0.010) 7.06 ng/ul m

response 9041

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	276.75
56.00	168.80	174.86
0.00	0.00	0.00

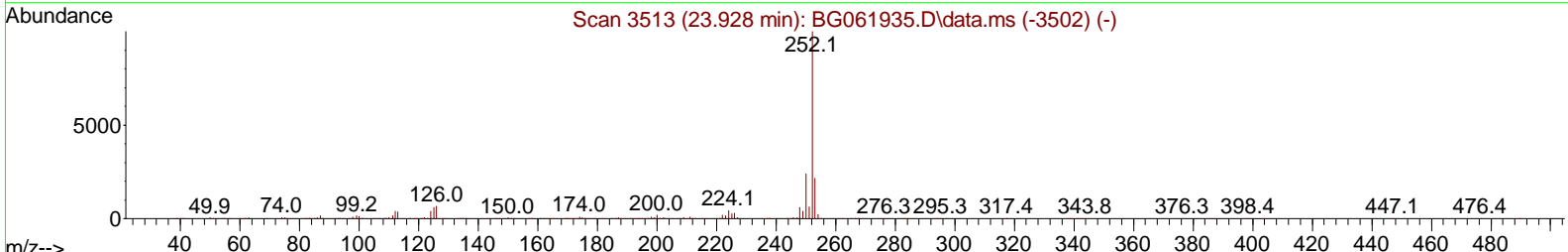
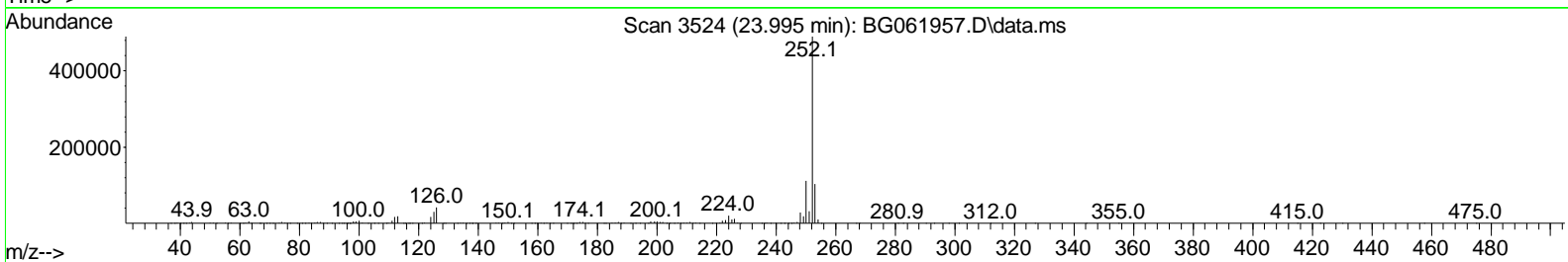
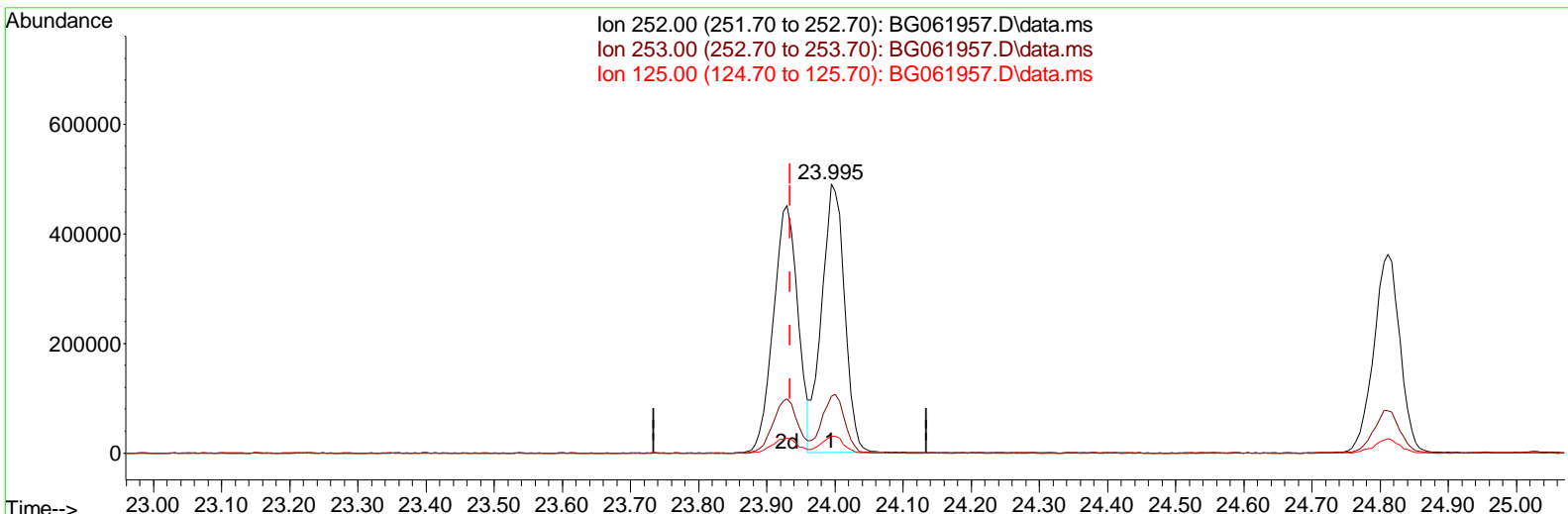
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 Sample : P3062-03MSD 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
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TIC: BG061957.D\data.ms

(90) Benzo(b)fluoranthene

23.995min (+ 0.060) 51.02 ng/ul

response	1143984	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	21.12
125.00	7.60	6.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
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 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_G

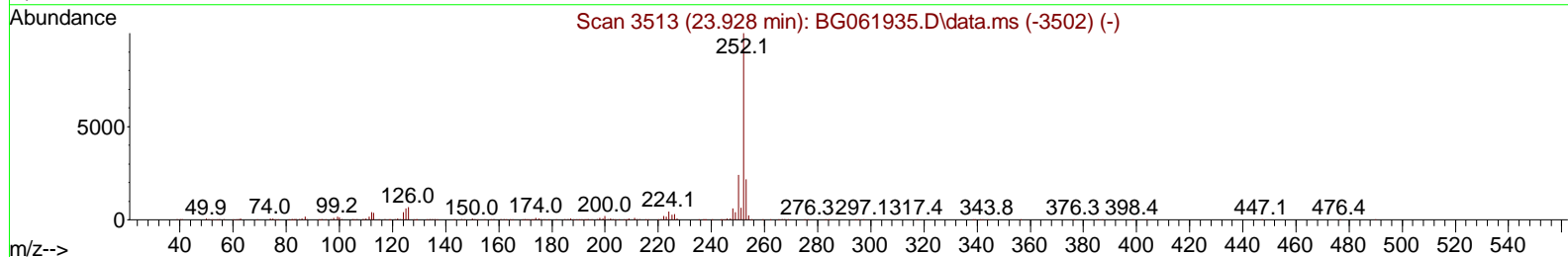
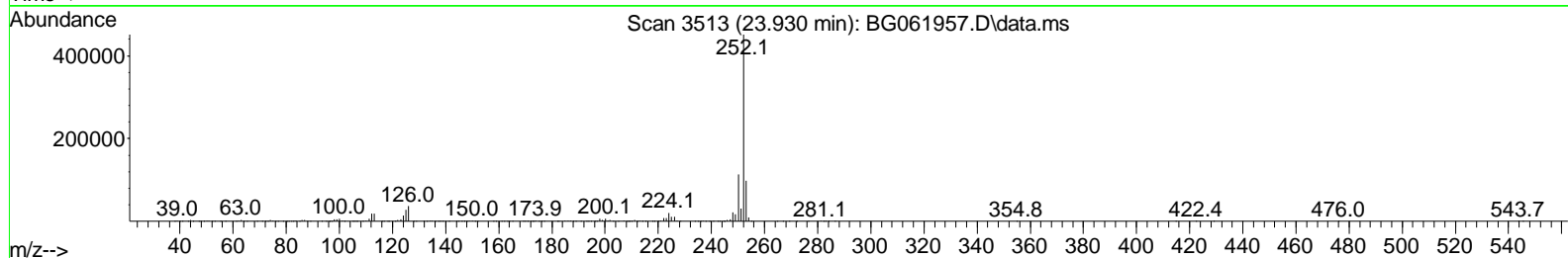
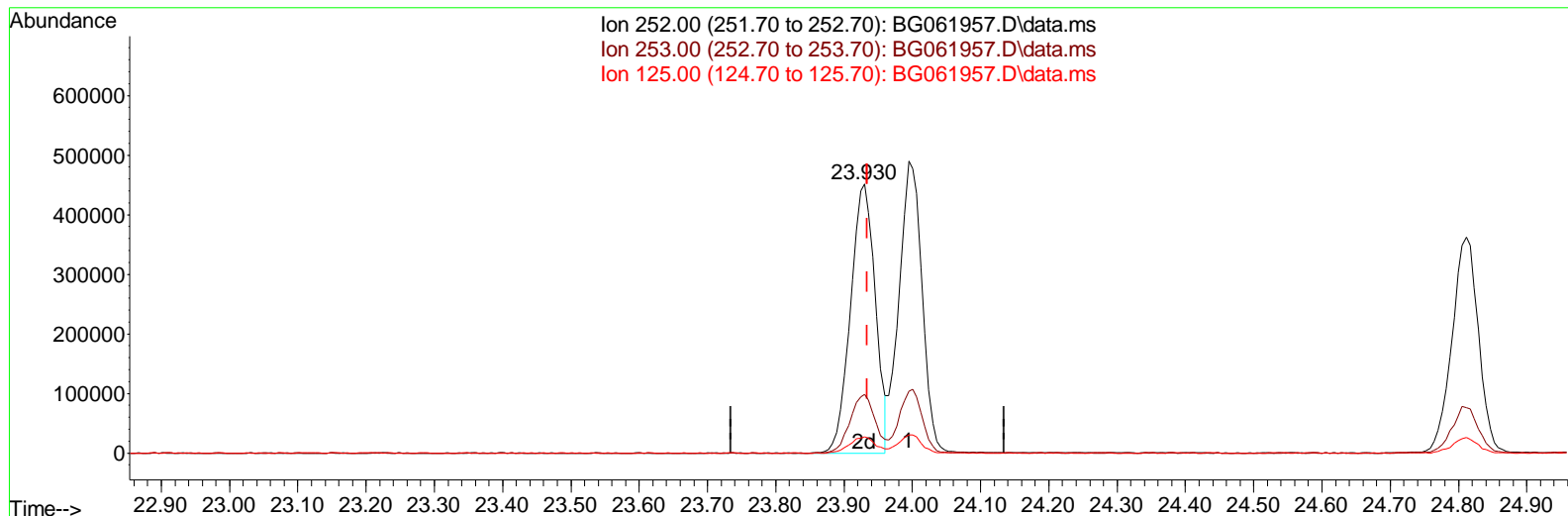
ClientSampleId :

E1GN8MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 02:59:15 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration



TIC: BG061957.D\data.ms

(90) Benzo(b)fluoranthene

23.930min (-0.004) 50.68 ng/ul m

response 1136280

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.50	21.83
125.00	7.60	6.06#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
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 ALS Vial : 24 Sample Multi plier: 1

Instrument :
 BNA_G
ClientSampleId :
 E1GN8MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 03:01:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALI BRATI ON
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibrati on

Compound	R. T.	QI on	Response	Conc	Units	Dev(Mi n)
Internal Standards						
1) 1,4-Di chl orobenzene-d4	8.096	152	39007	20.000	ng/ul	0.00
20) Naphthal ene-d8	10.904	136	207570	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.717	164	144209	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.461	188	330564	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.721	240	294005	20.000	ng/ul	# 0.00
88) Peryl ene-d12	24.958	264	355874	20.000	ng/ul	0.00
System Moni toring Compounds						
3) 1,4-Di oxane-d8	3.483	96	2982m	2.873	ng/uL	0.00
4) Pyri di ne-d5	3.906	84	19579	6.134	ng/ul	0.00
7) Phenol -d5	7.244	99	55723	13.054	ng/ul	-0.01
9) Bi s-(2-Chl oroethyl)eth. . .	7.414	67	107625	39.813	ng/ul	0.00
11) 2-Chl orophenol -d4	7.626	132	121858	41.616	ng/ul	0.00
15) 4-Methyl phenol -d8	8.801	113	97671	29.060	ng/ul	0.00
21) Ni trobenzene-d5	9.265	128	74631	47.275	ng/ul	0.00
24) 2-Ni trophenol -d4	9.982	143	88128	48.885	ng/ul	0.00
28) 2,4-Di chl orophenol -d3	10.522	165	168331	48.409	ng/ul	-0.01
31) 4-Chl oroani li ne-d4	11.039	131	104526	20.705	ng/ul	0.00
46) Di methyl phtal ate-d6	14.118	166	587743	49.574	ng/ul	0.00
49) Acenaphthyl ene-d8	14.418	160	622773	50.235	ng/ul	0.00
54) 4-Ni trophenol -d4	14.905	143	26914	14.215	ng/ul	-0.01
60) Fl uorene-d10	15.704	176	491892	49.284	ng/ul	0.00
65) 4,6-Di ni tro-2-methyl ph. . .	15.822	200	104119	59.974	ng/ul	0.00
73) Anthracene-d10	17.555	188	758537	49.149	ng/ul	0.00
81) Pyrene-d10	19.835	212	871504	50.396	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.741	264	949951	53.823	ng/ul	0.00
Target Compounds						
2) 1,4-Di oxane	3.513	88	7214	6.297	ng/uL#	83
5) Pyri di ne	3.924	79	21133m	6.456	ng/ul	
6) Benzal dehyde	7.226	77	58082	25.708	ng/ul	89
8) Phenol	7.273	94	55626	12.728	ng/ul	90
10) Bi s(2-Chl oroethyl)ether	7.508	93	128619	38.309	ng/ul	95
12) 2-Chl orophenol	7.661	128	117287	39.316	ng/ul #	87
13) 2-Methyl phenol	8.530	108	104433	33.479	ng/ul	89
14) 2,2'-oxybi s(1-Chl oropr. . .	8.613	45	271906	37.069	ng/ul	99
16) Acetophenone	8.918	105	248134	44.694	ng/ul	93
17) N-Ni troso-di -n-propyl a. . .	8.901	70	127569	41.043	ng/ul #	91
18) 4-Methyl phenol	8.865	108	102271	29.276	ng/ul	91
19) Hexachl oroethane	9.177	117	53416	41.276	ng/ul #	79
22) Ni trobenzene	9.306	77	202791	45.255	ng/ul	96
23) I sophorone	9.823	82	396818	39.197	ng/ul	96
25) 2-Ni trophenol	10.017	139	87374	47.525	ng/ul	97
26) 2,4-Di methyl phenol	10.070	107	163728	37.211	ng/ul	93
27) Bi s(2-Chl oroethoxy)met. . .	10.305	93	205991	36.949	ng/ul	99
29) 2,4-Di chl orophenol	10.552	162	149102	45.648	ng/ul	96
30) Naphthal ene	10.957	128	483116	42.372	ng/ul	98
32) 4-Chl oroani li ne	11.063	127	92110	18.594	ng/ul	98
33) Hexachl orobutadi ene	11.233	225	105499	42.921	ng/ul #	85
34) Caprol actam	11.832	113	9041m	7.065	ng/ul	
35) 4-Chl oro-3-methyl phenol	12.173	107	191065	43.921	ng/ul	94

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Compound	R. T.	QI on	Response	Conc	Units	Dev(Mi n)
36) 2-Methyl naphthal ene	12.555	142	367999	44.550	ng/ul	96
37) 1-Methyl naphthal ene	12.772	142	383838	44.715	ng/ul	99
39) 1, 2, 4, 5-Tetrachl oroben. . .	12.914	216	220080	50.819	ng/ul	98
40) Hexachl orocycl opentadi ene	12.890	237	72684	25.212	ng/ul	99
41) 2, 4, 6-Tri chl orophenol	13.154	196	142691	49.608	ng/ul	97
42) 2, 4, 5-Tri chl orophenol	13.225	196	160276	50.725	ng/ul	95
43) 1, 1' -Bi phenyl	13.554	154	524939	47.244	ng/ul	98
44) 2-Chl oronaphthal ene	13.601	162	394530	47.311	ng/ul	95
45) 2-Ni troani li ne	13.801	65	184887	55.365	ng/ul	98
47) Di methyl phthal ate	14.165	163	534899	46.906	ng/ul	99
48) 2, 6-Di ni trotol uene	14.294	165	118822	54.925	ng/ul	99
50) Acenaphthyl ene	14.441	152	630385	46.331	ng/ul	97
51) 3-Ni troani li ne	14.623	138	91721	43.556	ng/ul	90
52) Acenaphthene	14.782	153	436995	46.512	ng/ul	96
53) 2, 4-Di ni trophenol	14.829	184	64816	57.348	ng/ul	94
55) 4-Ni trophenol	14.923	109	36212	16.758	ng/ul	89
56) Di benzofuran	15.117	168	628574	47.337	ng/ul	95
57) 2, 4-Di ni trotol uene	15.076	165	173558	54.705	ng/ul #	85
58) 2, 3, 4, 6-Tetrachl orophenol	15.340	232	139356	48.842	ng/ul #	94
59) Di ethyl phthal ate	15.522	149	558104	45.416	ng/ul	97
61) Fl uorene	15.763	166	528059	46.762	ng/ul	96
62) 4-Chl orophenyl -phenyl e. . .	15.751	204	269323	47.481	ng/ul	90
63) 4-Ni troani li ne	15.787	138	110645	51.782	ng/ul #	80
66) 4, 6-Di ni tro-2-methyl ph. . .	15.839	198	108008	57.809	ng/ul	94
67) N-Ni trosodi phenyl ami ne	15.963	169	443603	49.139	ng/ul	98
68) 4-Bromophenyl -phenyl ether	16.644	248	187424	49.977	ng/ul	97
69) Hexachl orobenzene	16.756	284	221693	51.410	ng/ul	97
70) Atrazi ne	16.903	200	75469	21.177	ng/ul #	96
71) Pentachl orophenol	17.103	266	114131	48.150	ng/ul	96
72) Phenanthrene	17.502	178	844832	48.470	ng/ul	98
74) Anthracene	17.596	178	825601	45.834	ng/ul	99
75) 1, 2, 3, 4-Tetrachl oroben. . .	13.525	216	235078	57.258	ng/ul	97
76) Pentachl orobenzene	15.029	250	230364	49.195	ng/ul	96
77) Carbazol e	17.861	167	747130	49.285	ng/ul	99
78) Di -n-butyl phthal ate	18.407	149	911434	46.830	ng/ul	98
80) Fl uoranthene	19.506	202	995889	48.662	ng/ul #	93
82) Pyrene	19.864	202	1024927	48.482	ng/ul	96
83) Butyl benzyl phthal ate	20.740	149	421747	47.536	ng/ul	92
84) 3, 3' -Di chl orobenzi di ne	21.609	252	252032	36.033	ng/ul	98
85) Benzo(a)anthracene	21.697	228	1067749	50.160	ng/ul	98
86) Bi s(2-ethyl hexyl)phtha. . .	21.597	149	595408	46.768	ng/ul #	96
87) Chrysene	21.768	228	996452	50.003	ng/ul	98
89) Di -n-octyl phthal ate	22.814	149	1063088	48.897	ng/ul	100
90) Benzo(b)fl uoranthene	23.930	252	1136280m	50.679	ng/ul	
91) Benzo(k)fl uoranthene	23.995	252	1150281	51.447	ng/ul #	94
93) Benzo(a)pyrene	24.811	252	975832	45.961	ng/ul #	97
94) I ndeno(1, 2, 3-cd)pyrene	28.666	276	1430813	52.735	ng/ul	97
95) Di benzo(a, h)anthracene	28.730	278	1162426	51.874	ng/ul #	97
96) Benzo(g, h, i)peryl ene	29.823	276	1060949	49.152	ng/ul	95

(#) = qual i fier out of range (m) = manual i ntegrati on (+) = signal s summed

Instrument :

BNA_G

ClientSampleId :

E1GN8MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
 Data File : BG061957.D
 Acq On : 9 Jul 2024 1: 38
 Operator : MA/JU
 Sample : P3062-03MSD 10X
 Mi sc :
 ALS Vial : 24 Sample Multi plier: 1

Instrument :

BNA_G

ClientSampleId :

E1GN8MSD

Manual IntegrationsAPPROVED

Quant Time: Jul 09 03: 01: 05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224. MA. M
 Quant Title : SVOA CALI BRATI ON
 QLast Update : Wed Jul 03 02: 38: 46 2024
 Response via : Ini tial Cal i brati on

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

