

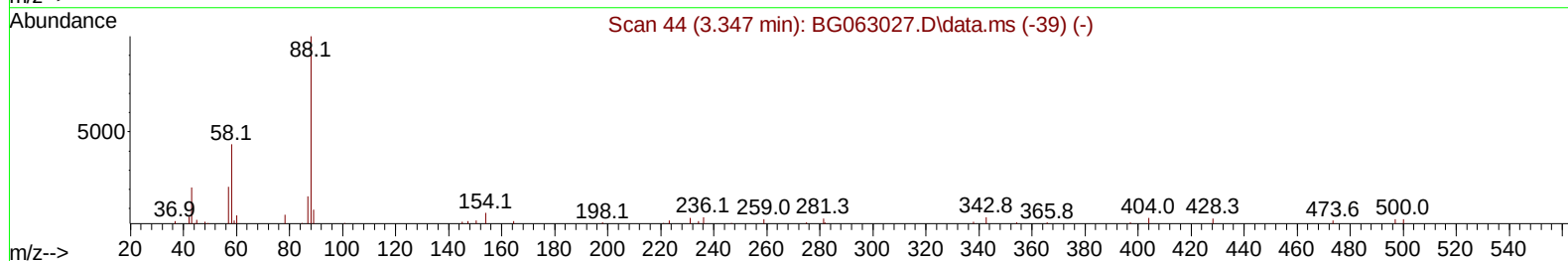
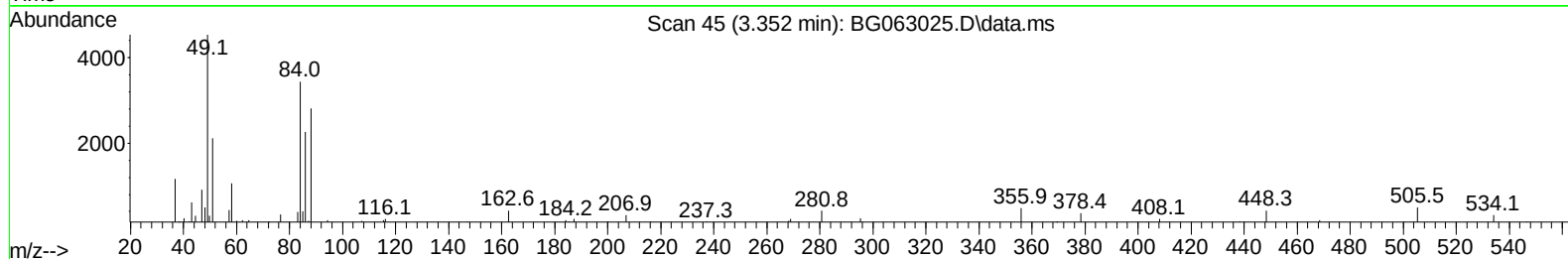
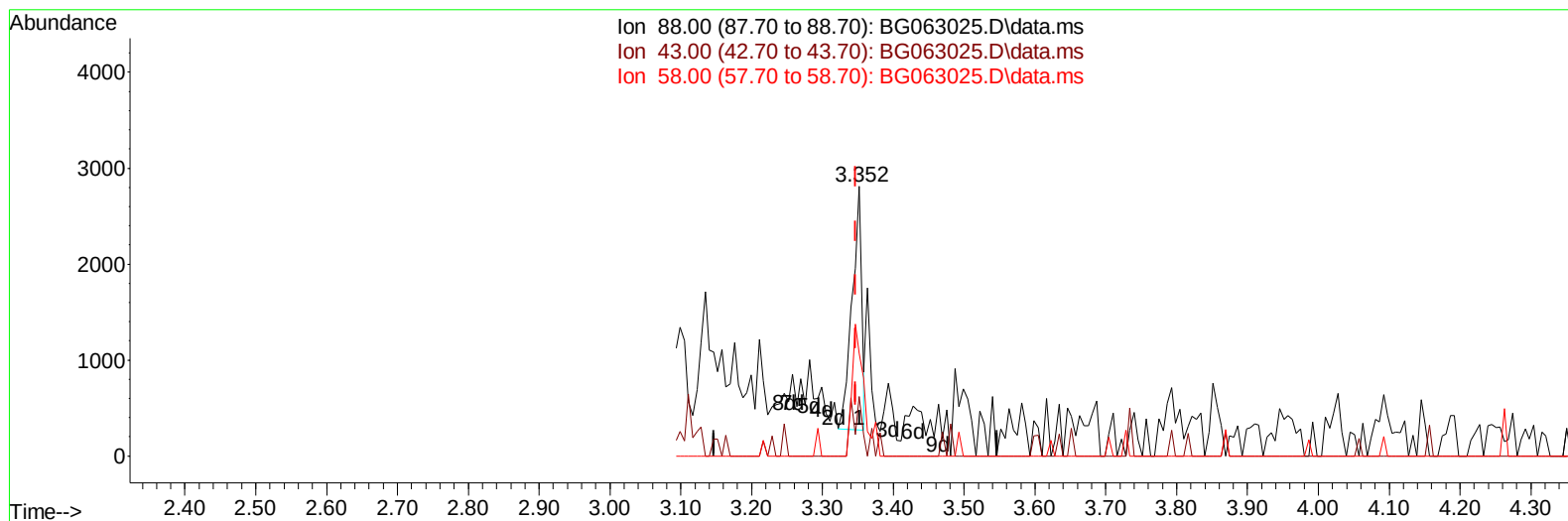
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063025.D
Acq On : 25 Sep 2024 9:20
Operator : RC/JU
Sample : SST00564
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005403

Manual IntegrationsAPPROVED

Quant Time: Sep 25 12:46:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 12:42:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



TIC: BG063025.D\data.ms

(2) 1,4-Dioxane

3.352min (+ 0.005) 1.80 ng/uL

response 2396

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	20.80	22.07
58.00	43.50	37.99
0.00	0.00	0.00

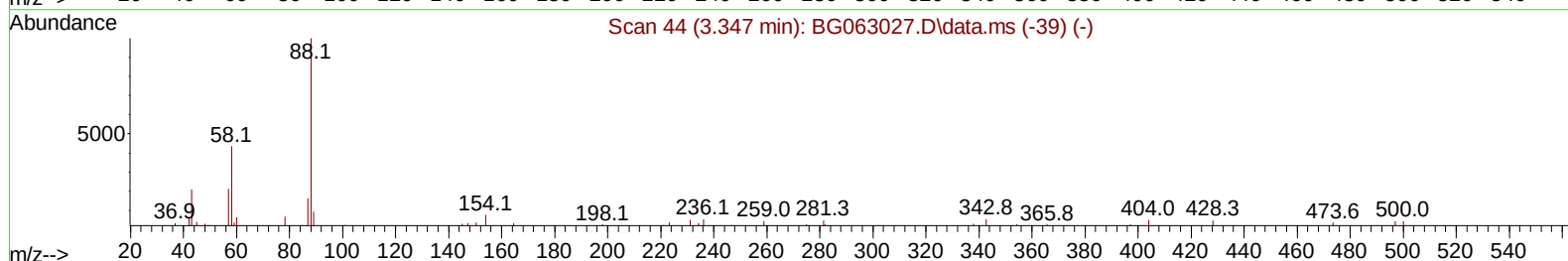
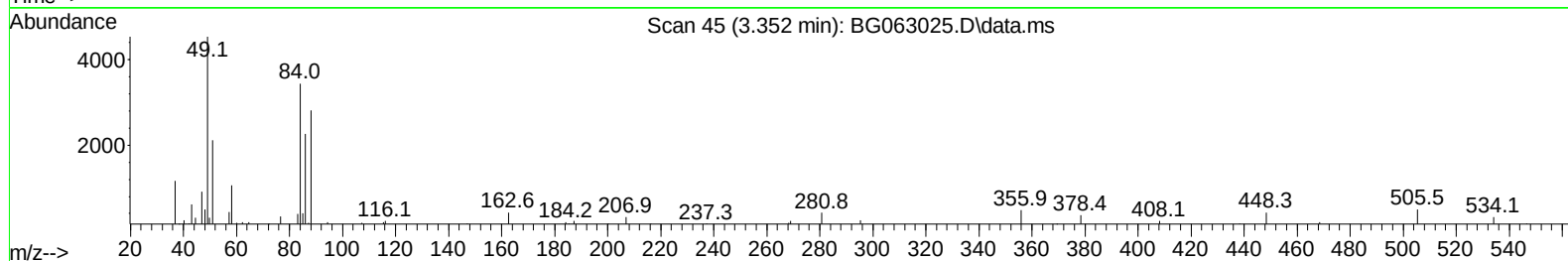
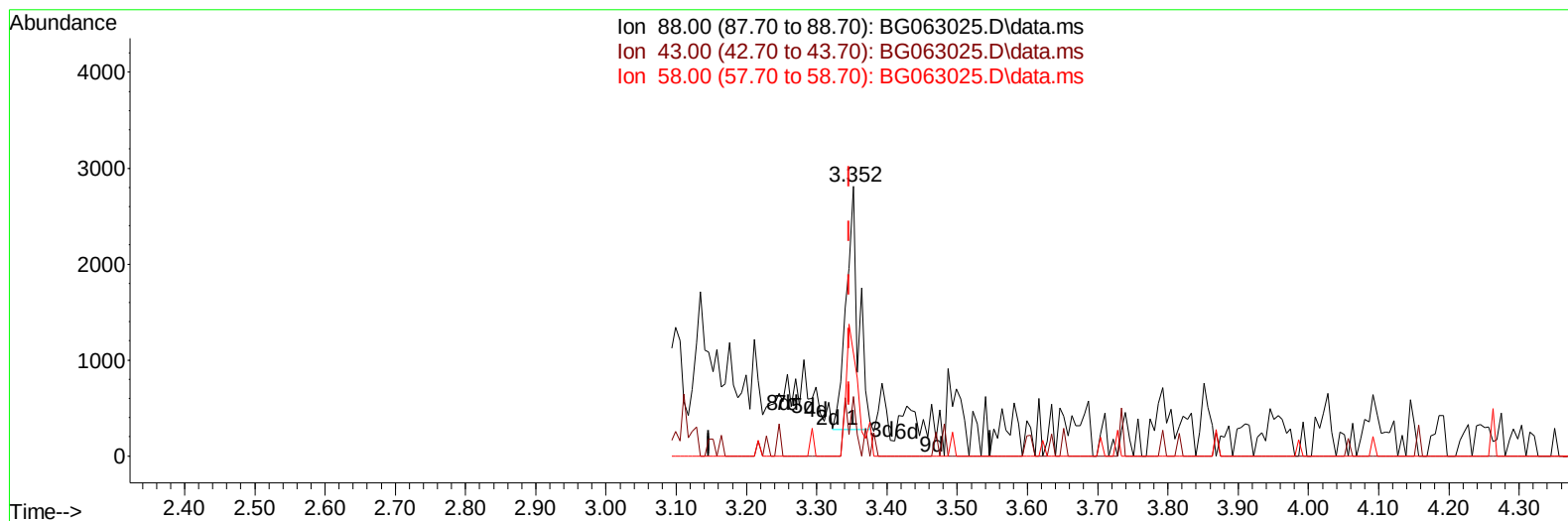
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063025.D
Acq On : 25 Sep 2024 9:20
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Instrument :
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Supervised By :mohammad ahmed 09/27/2024



TIC: BG063025.D\data.ms

(2) 1,4-Dioxane

3.352min (+ 0.005) 2.33 ng/uL m

response 3095

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	20.80	22.07
58.00	43.50	37.99
0.00	0.00	0.00

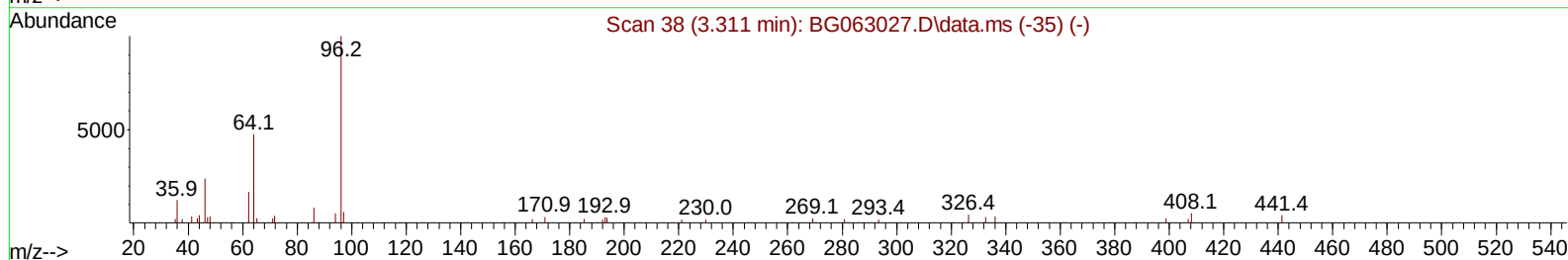
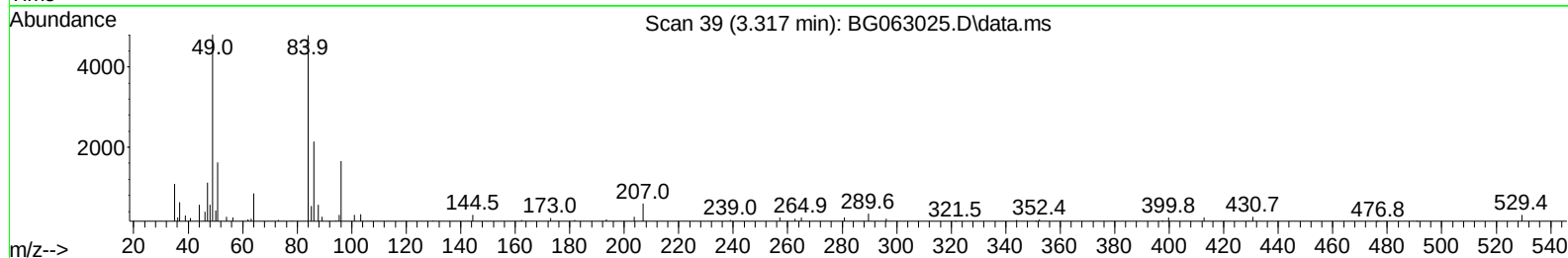
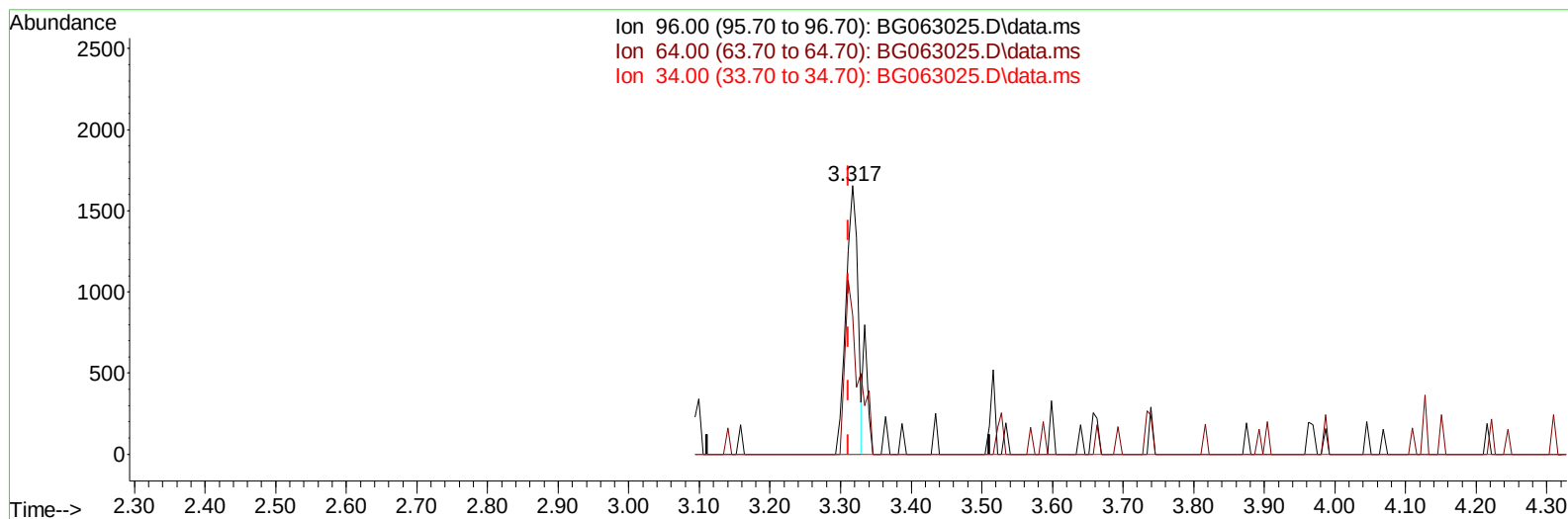
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063025.D
Acq On : 25 Sep 2024 9:20
Operator : RC/JU
Sample : SST00564
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005403

Manual IntegrationsAPPROVED

Quant Time: Sep 25 12:46:22 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 12:42:25 2024
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TIC: BG063025.D\data.ms

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

3.317min (+ 0.005) 1.64 ng/uL

response 1905

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	47.80	51.69
34.00	0.00	0.00
0.00	0.00	0.00

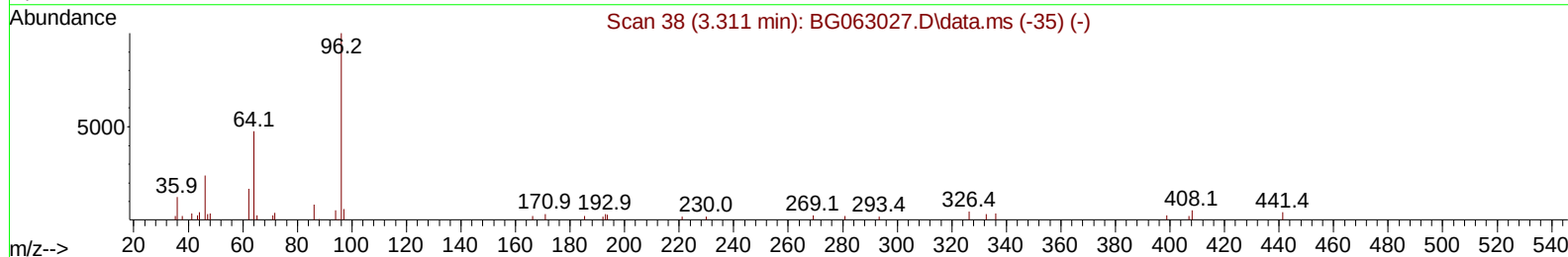
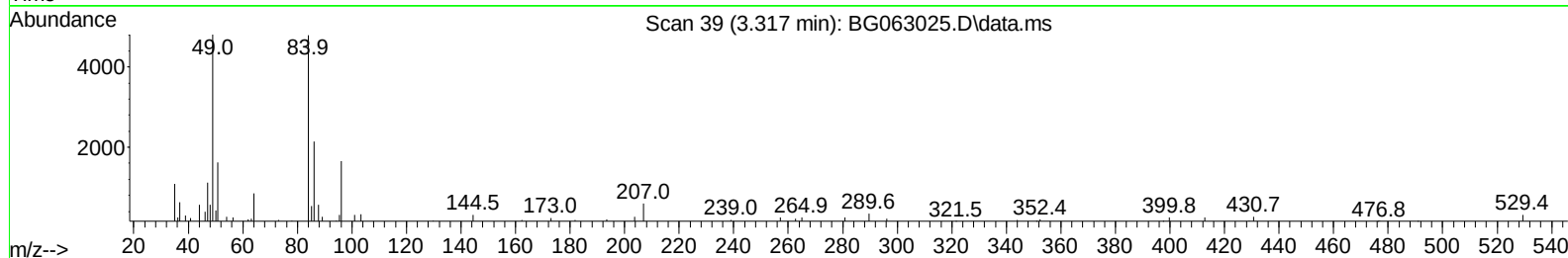
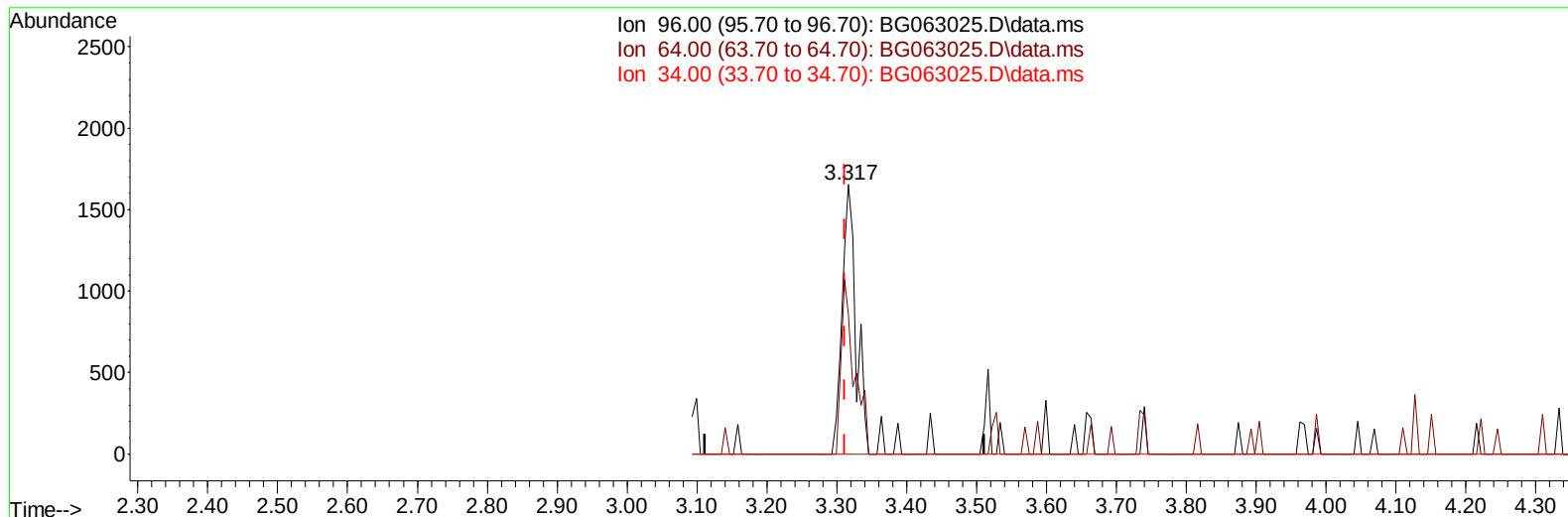
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063025.D
Acq On : 25 Sep 2024 9:20
Operator : RC/JU
Sample : SST00564
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005403

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

Quant Time: Sep 25 12:46:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 12:42:25 2024
Response via : Initial Calibration



TIC: BG063025.D\data.ms

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

3.317min (+ 0.005) 1.96 ng/uL m

response 2270

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	47.80	51.69
34.00	0.00	0.00
0.00	0.00	0.00

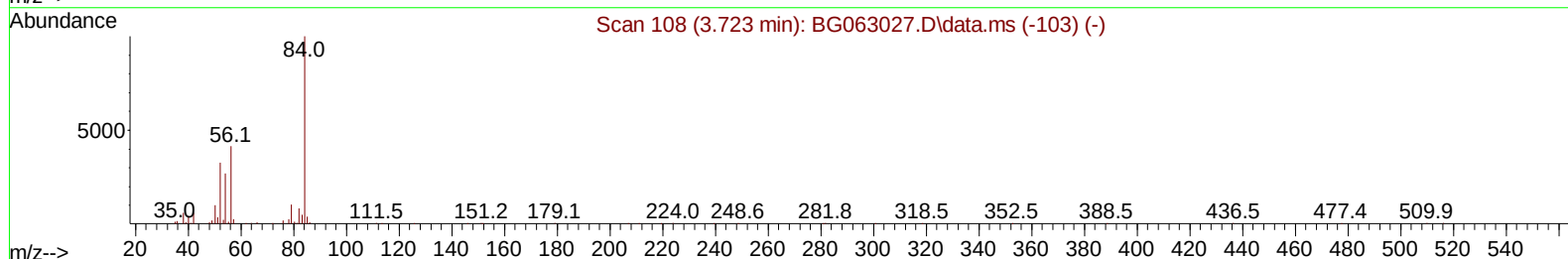
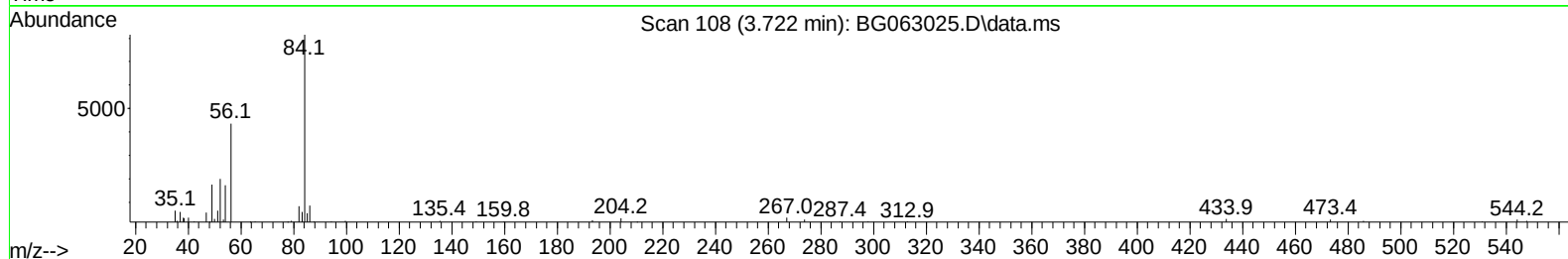
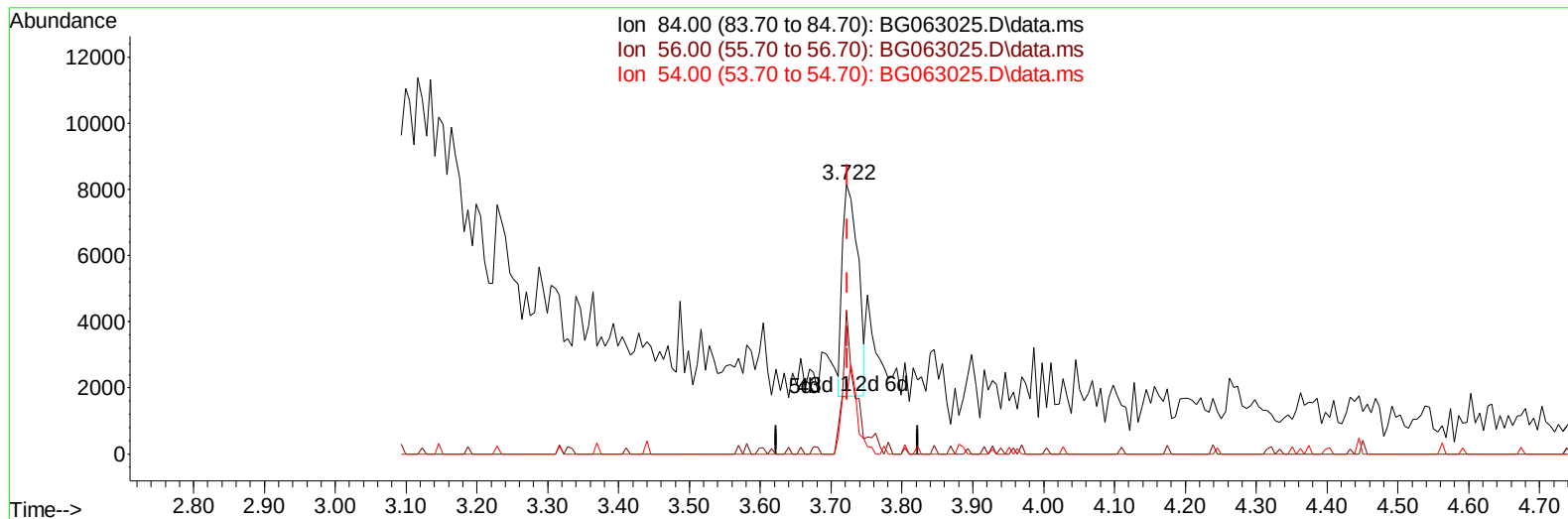
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063025.D
Acq On : 25 Sep 2024 9:20
Operator : RC/JU
Sample : SST00564
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005403

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 12:42:25 2024
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TIC: BG063025.D\data.ms

(4) Pyridine-d5 (S)

3.722min (-0.001) 2.66 ng/uI

response 9713

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	39.90	53.50#
54.00	25.90	21.17
0.00	0.00	0.00

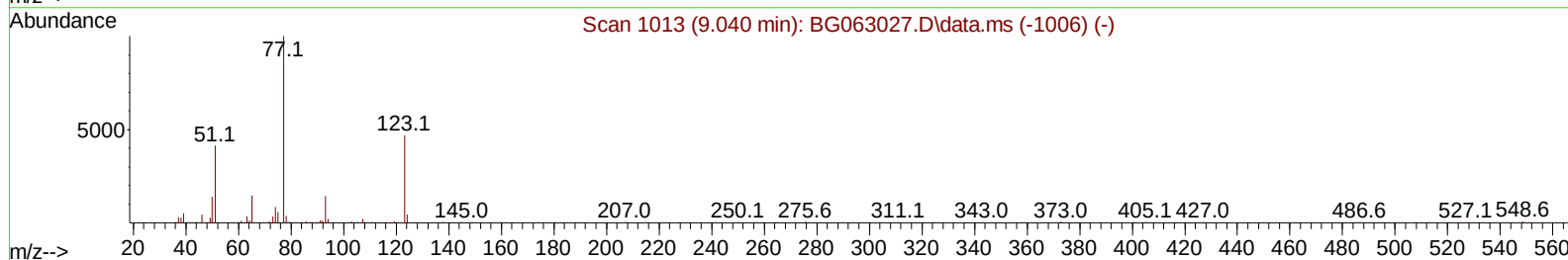
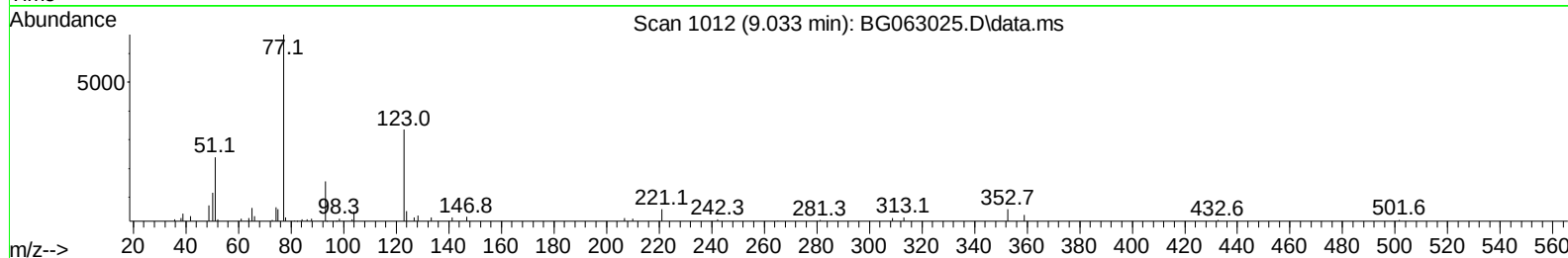
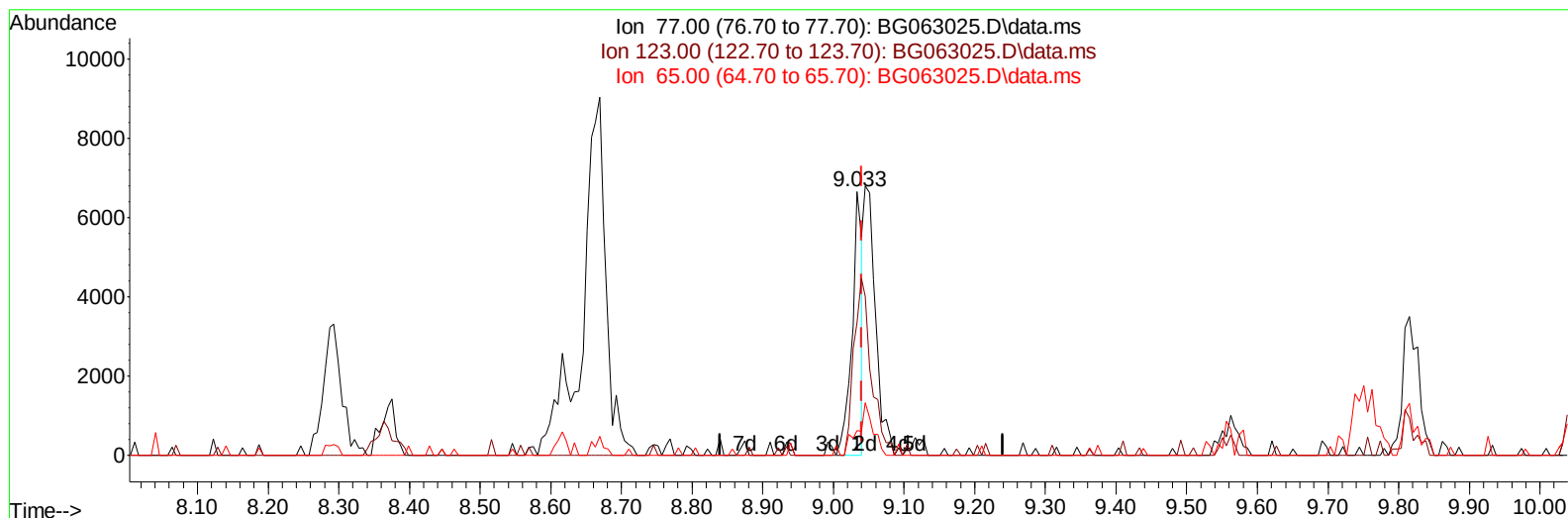
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
 Data File : BG063025.D
 Acq On : 25 Sep 2024 9:20
 Operator : RC/JU
 Sample : SSTD00564
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005403

Manual IntegrationsAPPROVED

Quant Time: Sep 25 12:46:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 12:42:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024



TIC: BG063025.D\data.ms

(22) Nitrobenzene

9.033min (-0.007) 1.52 ng/uI

response 6508

Ion	Exp%	Act%
77.00	100.00	100.00
123.00	47.00	50.29
65.00	15.00	9.36#
0.00	0.00	0.00

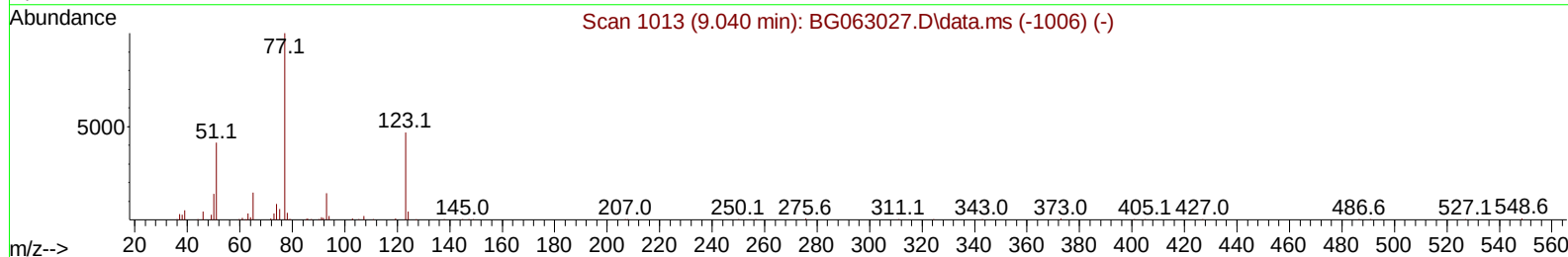
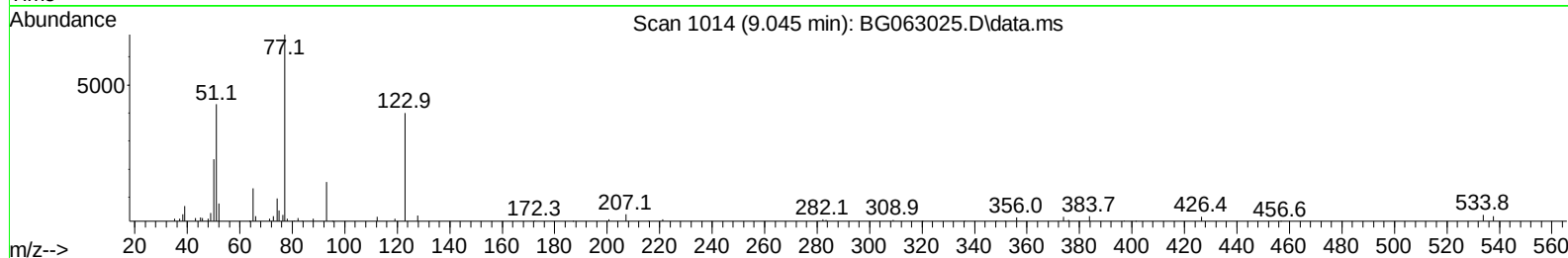
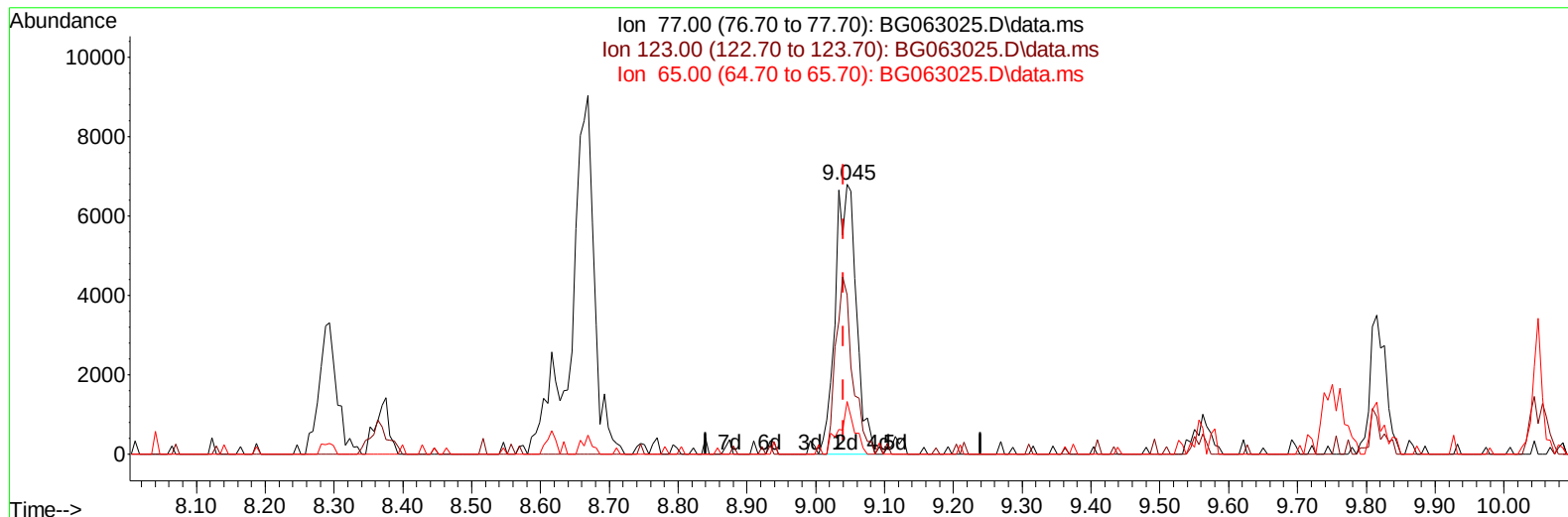
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063025.D
Acq On : 25 Sep 2024 9:20
Operator : RC/JU
Sample : SSTD00564
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005403

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 09/27/2024



TIC: BG063025.D\data.ms

(22) Nitrobenzene

9.045min (+ 0.005) 3.39 ng/ul m

response 14531

Ion	Exp%	Act%
77.00	100.00	100.00
123.00	47.00	59.02#
65.00	15.00	19.44#
0.00	0.00	0.00

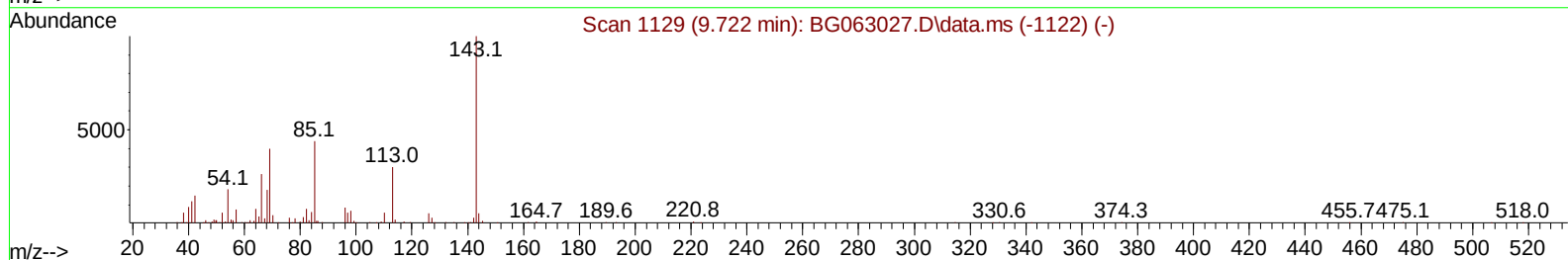
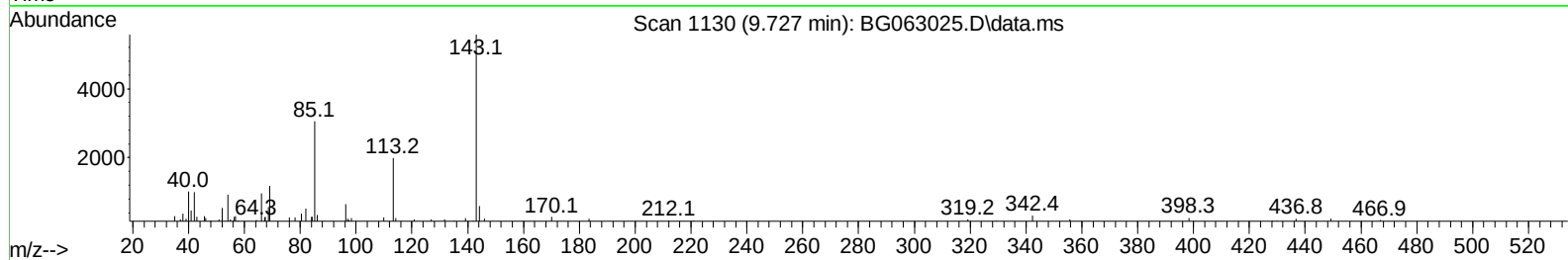
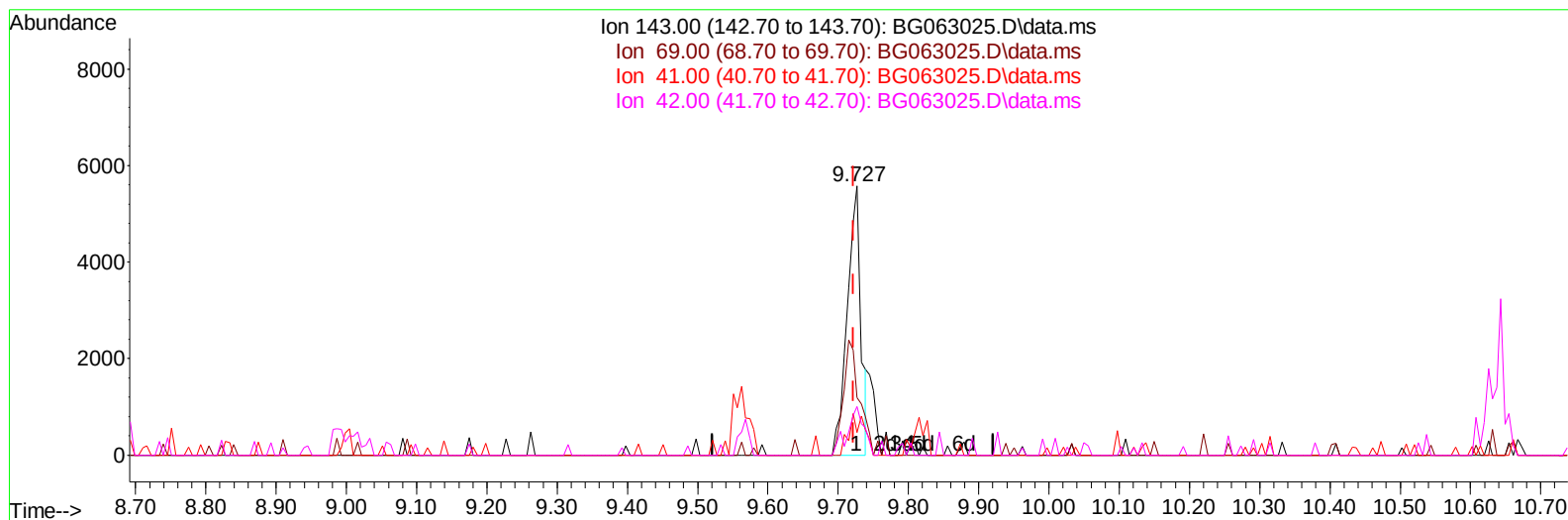
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
 Data File : BG063025.D
 Acq On : 25 Sep 2024 9:20
 Operator : RC/JU
 Sample : SSTD00564
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005403

Manual IntegrationsAPPROVED

Quant Time: Sep 25 12:46:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 12:42:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024



TIC: BG063025.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.727min (+ 0.005) 3.87 ng/ul

response 7426

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	39.80	21.25#
41.00	12.00	8.51#
42.00	14.90	17.98#

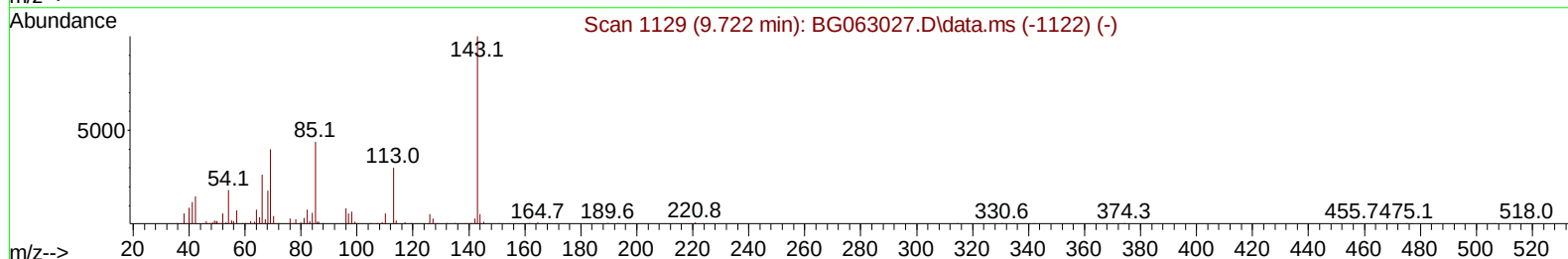
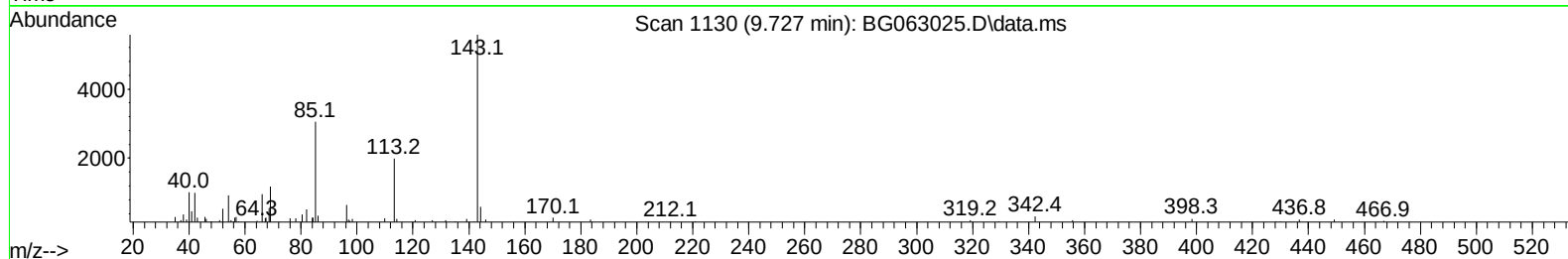
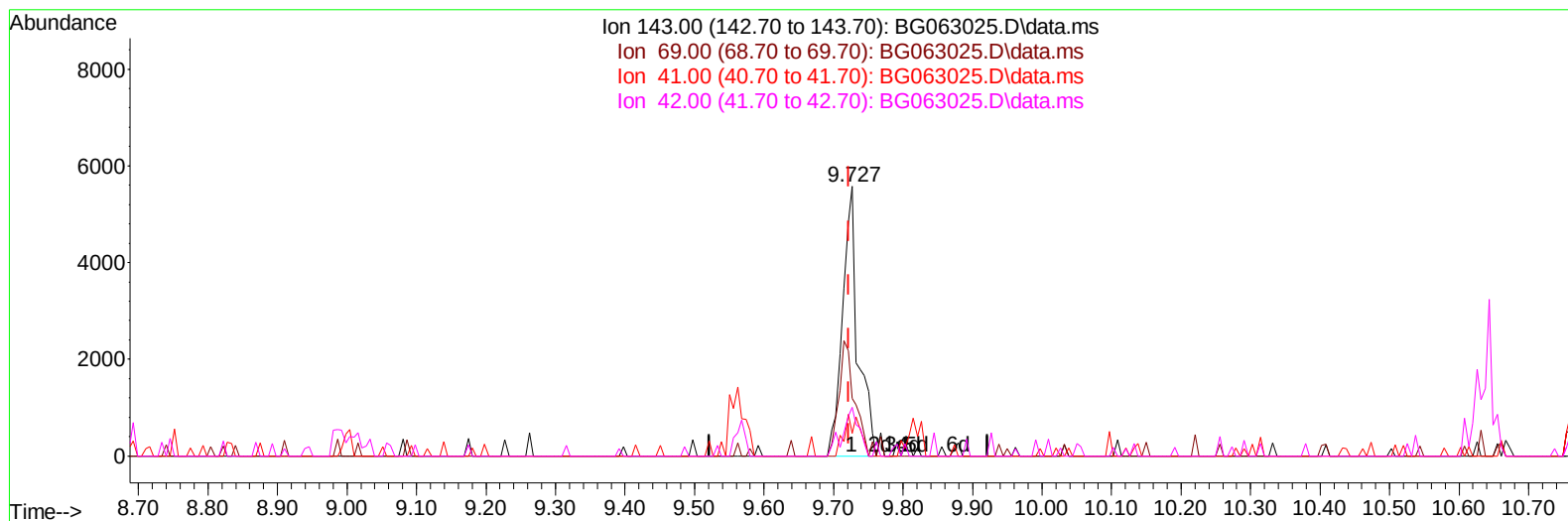
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063025.D
Acq On : 25 Sep 2024 9:20
Operator : RC/JU
Sample : SSTD00564
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005403

Manual IntegrationsAPPROVED

Quant Time: Sep 25 12:46:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
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Supervised By :mohammad ahmed 09/27/2024



TIC: BG063025.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.727min (+ 0.005) 4.51 ng/ul m

response 8646

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	39.80	21.25#
41.00	12.00	8.51#
42.00	14.90	17.98#

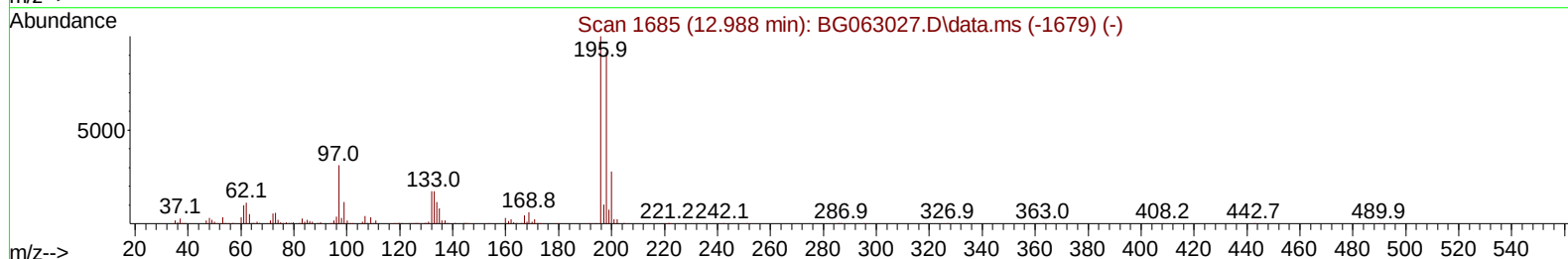
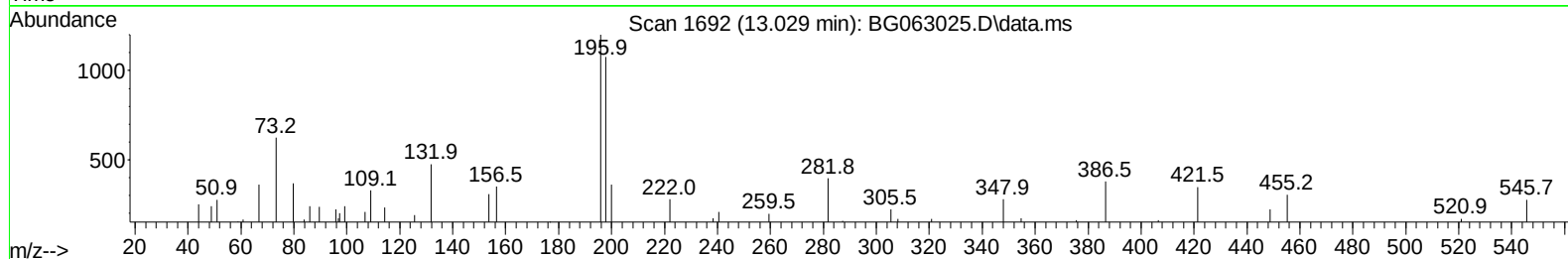
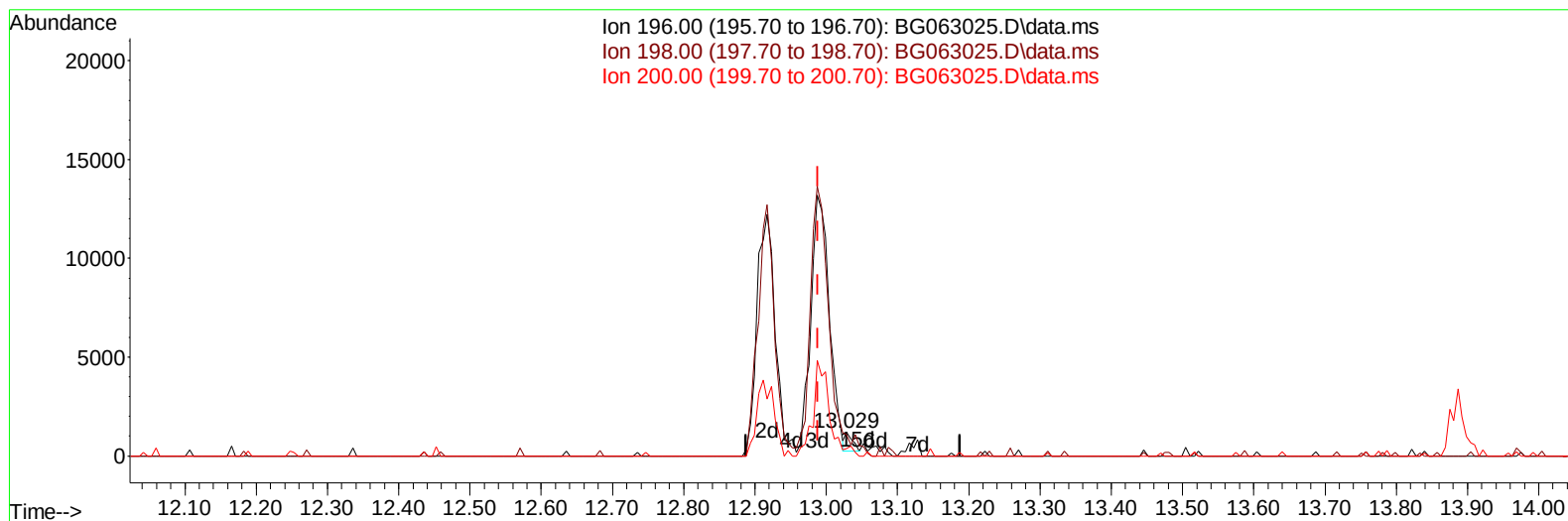
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063025.D
Acq On : 25 Sep 2024 9:20
Operator : RC/JU
Sample : SSTD00564
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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TIC: BG063025.D\data.ms

(42) 2,4,5-Trichlorophenol

13.029min (+ 0.040) 0.14 ng/u1

response 706

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	92.50	89.68
200.00	27.60	29.89
0.00	0.00	0.00

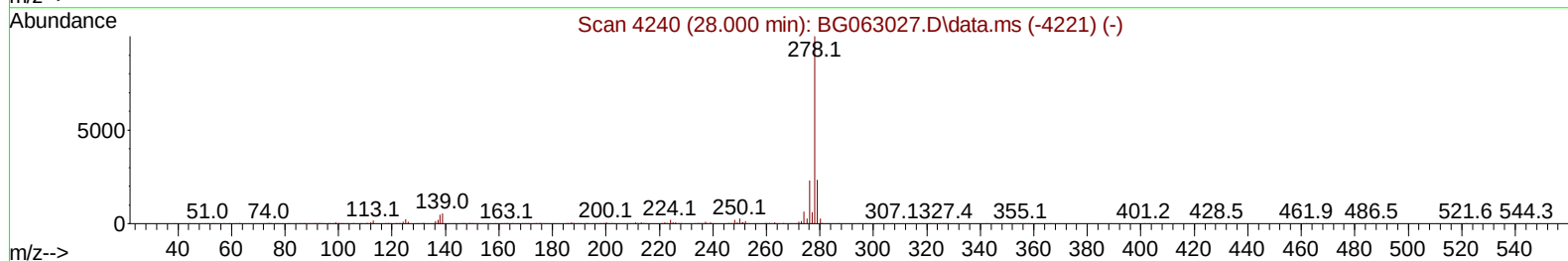
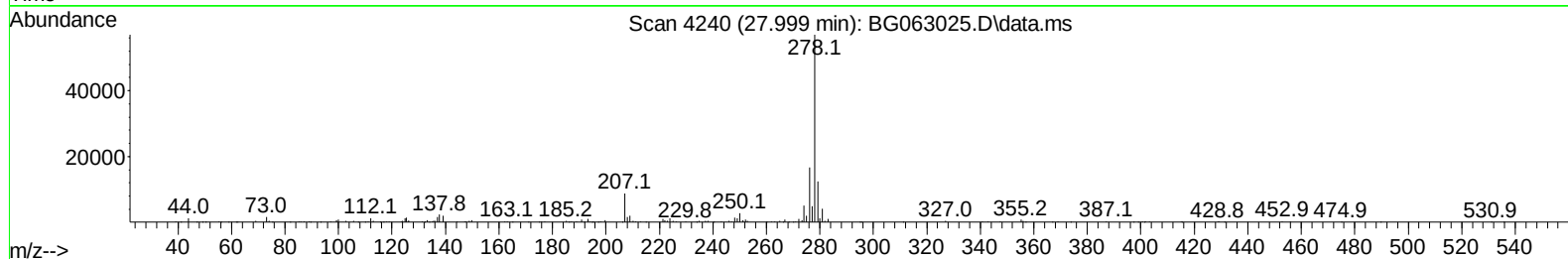
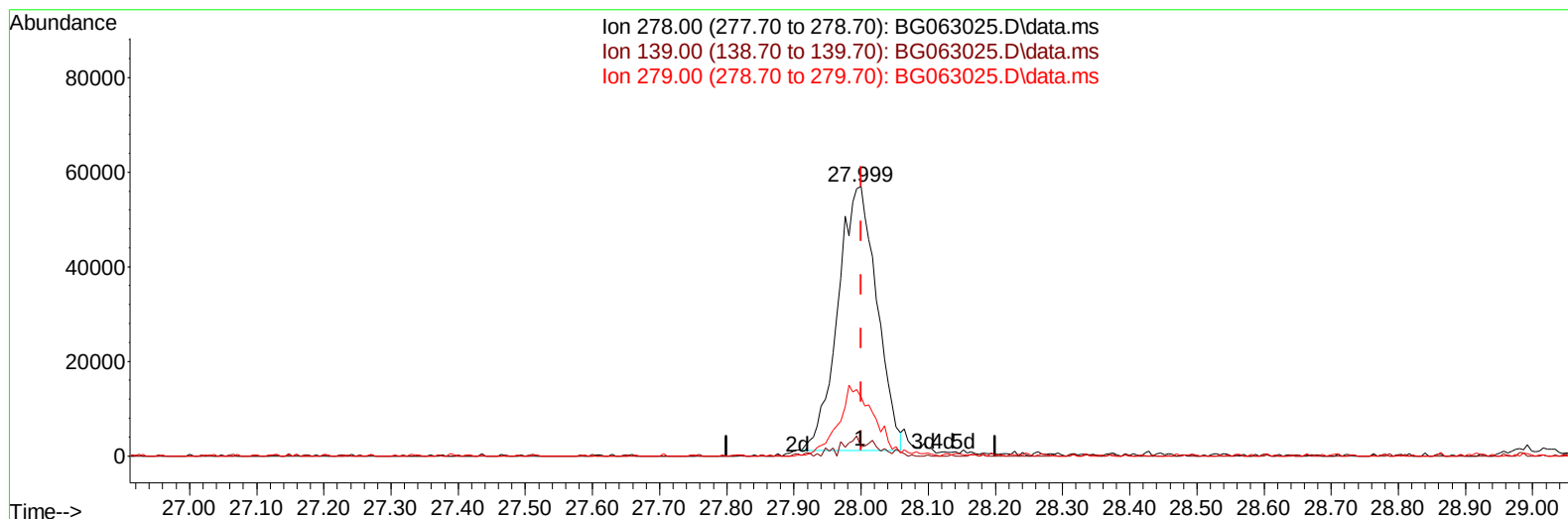
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063025.D
Acq On : 25 Sep 2024 9:20
Operator : RC/JU
Sample : SST00564
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BG063025.D\data.ms

(95) Dibenzo(a,h)anthracene

27.999min (-0.001) 4.41 ng/u l

response 223922

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.60	3.53#
279.00	23.30	21.90
0.00	0.00	0.00

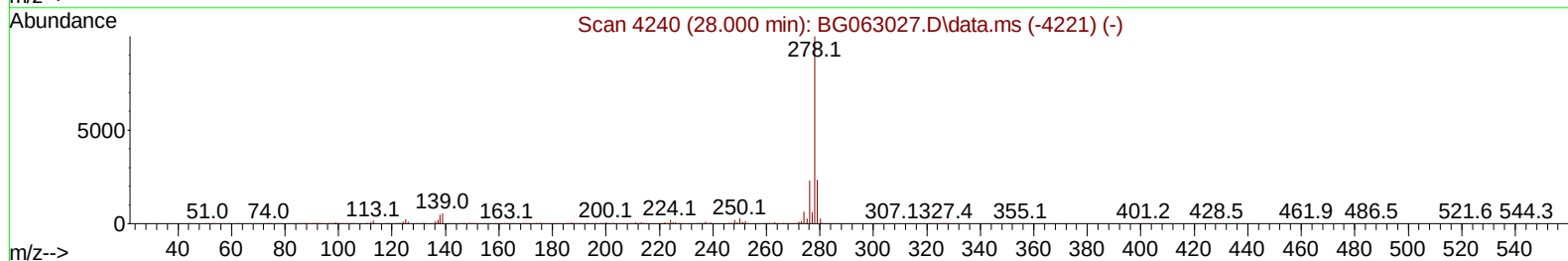
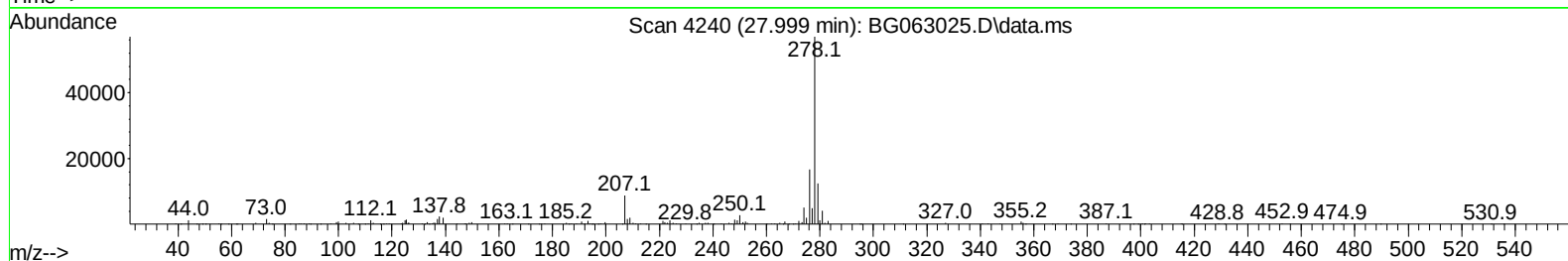
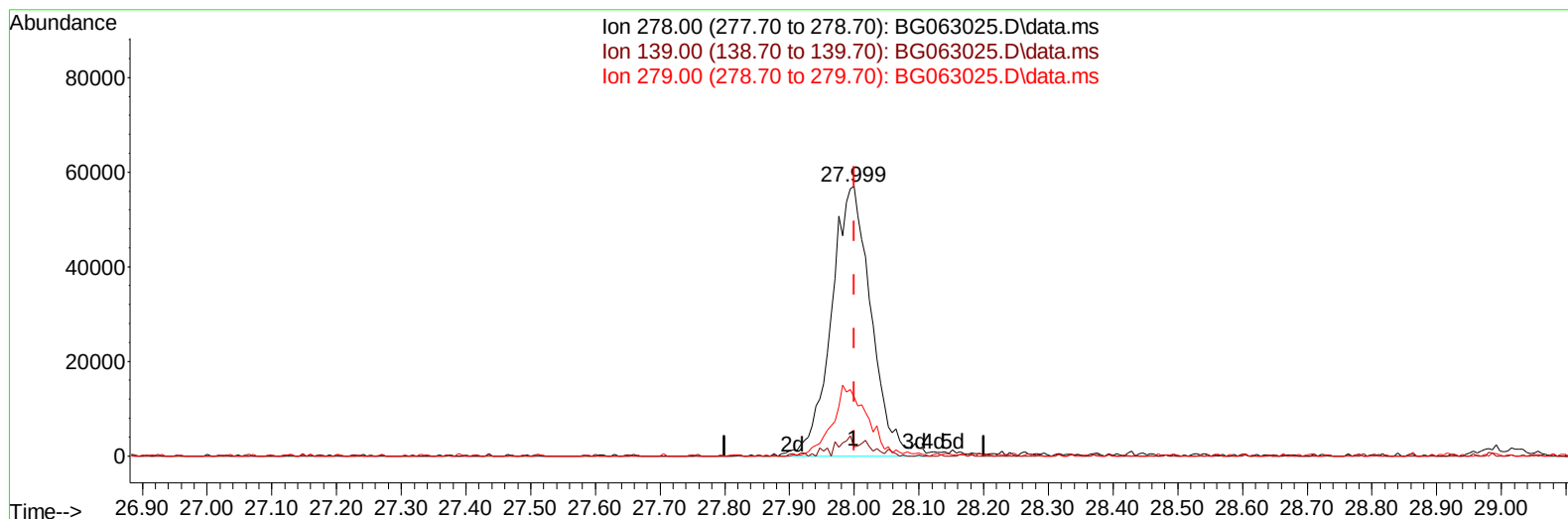
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063025.D
Acq On : 25 Sep 2024 9:20
Operator : RC/JU
Sample : SSTD00564
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005403

Manual IntegrationsAPPROVED

Quant Time: Sep 25 12:46:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 12:42:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



TIC: BG063025.D\data.ms

(95) Dibenzo(a,h)anthracene

27.999min (-0.001) 4.79 ng/ul m

response 243203

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.60	3.53#
279.00	23.30	21.90
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
 Data File : BG063025.D
 Acq On : 25 Sep 2024 9:20
 Operator : RC/JU
 Sample : SSTD00564
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005403

Manual IntegrationsAPPROVED

Quant Time: Sep 25 12:51:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 12:42:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	54548	20.000	ng/ul	0.00
20) Naphthalene-d8	10.637	136	237269	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.480	164	225984	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.236	188	686596	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	811671	20.000	ng/ul	# 0.00
88) Perylene-d12	24.521	264	889357	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	2270m	1.959	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.382	132	15495	4.486	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.998	128	8601	5.108	ng/ul	0.00
24) 2-Nitrophenol-d4	9.727	143	8646m	4.507	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.261	165	20858	5.064	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.887	166	90932	5.217	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	91216	4.780	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.479	176	82230	5.223	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.330	188	156809	4.867	ng/ul	0.00
81) Pyrene-d10	19.627	212	218528	4.840	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.316	264	224766	4.797	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	3095m	2.329	ng/uL	
12) 2-Chlorophenol	7.412	128	15220	4.376	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.652	70	10495	3.406	ng/ul#	79
19) Hexachloroethane	8.928	117	6598	4.710	ng/ul#	68
22) Nitrobenzene	9.045	77	14531m	3.389	ng/ul	
23) Isophorone	9.568	82	29547	3.393	ng/ul#	90
25) 2-Nitrophenol	9.750	139	10678	5.183	ng/ul#	88
26) 2,4-Dimethylphenol	9.821	107	18313	4.260	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.044	93	16748	3.480	ng/ul#	83
29) 2,4-Dichlorophenol	10.291	162	20195	4.999	ng/ul	99
30) Naphthalene	10.684	128	57832	4.642	ng/ul#	95
33) Hexachlorobutadiene	10.978	225	19706	5.682	ng/ul	94
35) 4-Chloro-3-methylphenol	11.936	107	17808	4.168	ng/ul	88
36) 2-Methylnaphthalene	12.300	142	45801	4.873	ng/ul	91
37) 1-Methylnaphthalene	12.523	142	48616	5.076	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.670	216	39726	5.038	ng/ul	93
41) 2,4,6-Trichlorophenol	12.917	196	21486	4.537	ng/ul#	91
42) 2,4,5-Trichlorophenol	12.988	196	24968m	4.891	ng/ul	
43) 1,1'-Biphenyl	13.311	154	70052	4.499	ng/ul#	92
44) 2-Chloronaphthalene	13.358	162	54663	4.315	ng/ul	98
45) 2-Nitroaniline	13.558	65	9662	2.955	ng/ul	94
47) Dimethylphthalate	13.934	163	83510	4.707	ng/ul	96
48) 2,6-Dinitrotoluene	14.057	165	16091	5.045	ng/ul	92

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
 Data File : BG063025.D
 Acq On : 25 Sep 2024 9:20
 Operator : RC/JU
 Sample : SSTD00564
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005403

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024

Quant Time: Sep 25 12:51:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 12:42:25 2024
 Response via : Initial Calibration

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

50) Acenaphthylene	14.204	152		92233	4.615	ng/ul	98
52) Acenaphthene	14.545	153		62808	4.432	ng/ul	94
56) Dibenzofuran	14.885	168		101024	4.756	ng/ul	93
57) 2,4-Dinitrotoluene	14.844	165		27915	5.547	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.115	232		27904	5.313	ng/ul#	90
59) Diethylphthalate	15.308	149		85041	4.852	ng/ul#	91
61) Fluorene	15.538	166		87820	5.208	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.526	204		54108	5.406	ng/ul	98
67) N-Nitrosodiphenylamine	15.743	169		82402	4.780	ng/ul	93
68) 4-Bromophenyl-phenylether	16.425	248		37948	4.770	ng/ul	93
69) Hexachlorobenzene	16.542	284		42847	4.760	ng/ul#	94
72) Phenanthrene	17.277	178		173944	4.922	ng/ul	99
74) Anthracene	17.365	178		181861	5.042	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.281	216		43723	4.701	ng/ul	95
76) Pentachlorobenzene	14.803	250		48956	4.765	ng/ul	95
78) Di-n-butylphthalate	18.199	149		152371	4.382	ng/ul	97
80) Fluoranthene	19.292	202		237923	4.749	ng/ul#	99
82) Pyrene	19.656	202		260915	4.865	ng/ul	98
83) Butylbenzylphthalate	20.555	149		68043	4.319	ng/ul	98
85) Benzo(a)anthracene	21.466	228		276092	4.934	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.384	149		95406	4.144	ng/ul	99
87) Chrysene	21.525	228		249091	4.705	ng/ul	96
90) Benzo(b)fluoranthene	23.558	252		262277	4.806	ng/ul	95
91) Benzo(k)fluoranthene	23.622	252		261894	4.691	ng/ul	99
93) Benzo(a)pyrene	24.374	252		238712	4.638	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	27.935	276		285159	4.506	ng/ul	97
95) Dibenzo(a,h)anthracene	27.999	278		243203m	4.789	ng/ul	
96) Benzo(g,h,i)perylene	28.998	276		221586	4.550	ng/ul	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
 Data File : BG063025.D
 Acq On : 25 Sep 2024 9:20
 Operator : RC/JU
 Sample : SSTD00564
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005403

Manual IntegrationsAPPROVED

Quant Time: Sep 25 12:51:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024

