

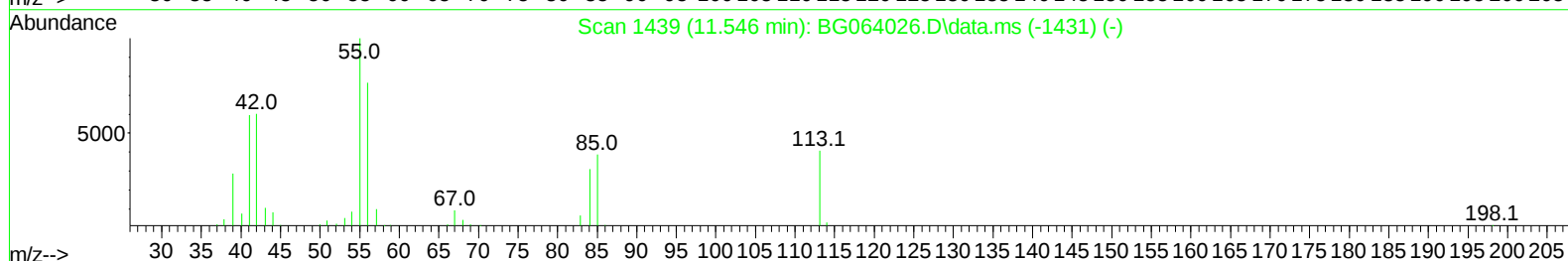
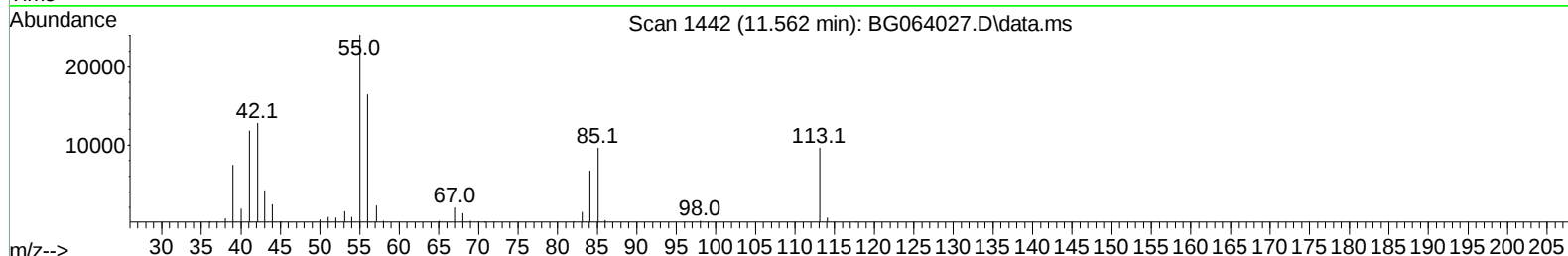
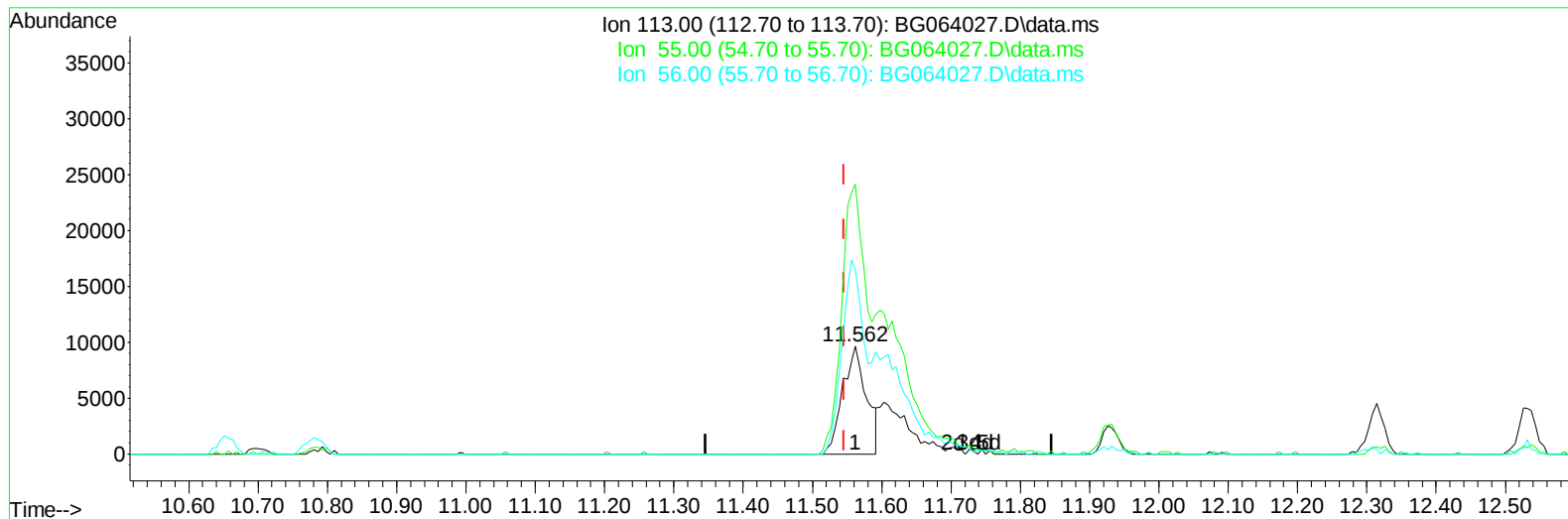
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021425\
Data File : BG064027.D
Acq On : 14 Feb 2025 10:44
Operator : RC/JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040401

Manual IntegrationsAPPROVED

Quant Time: Feb 18 14:51:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 12:34:43 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/18/2025
Supervised By :Jagrut Upadhyay 02/19/2025



TIC: BG064027.D\data.ms

(34) Caprolactam

11.562min (+ 0.016) 22.66 ng/ul

response 23181

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	246.00	249.40
56.00	188.30	170.13
0.00	0.00	0.00

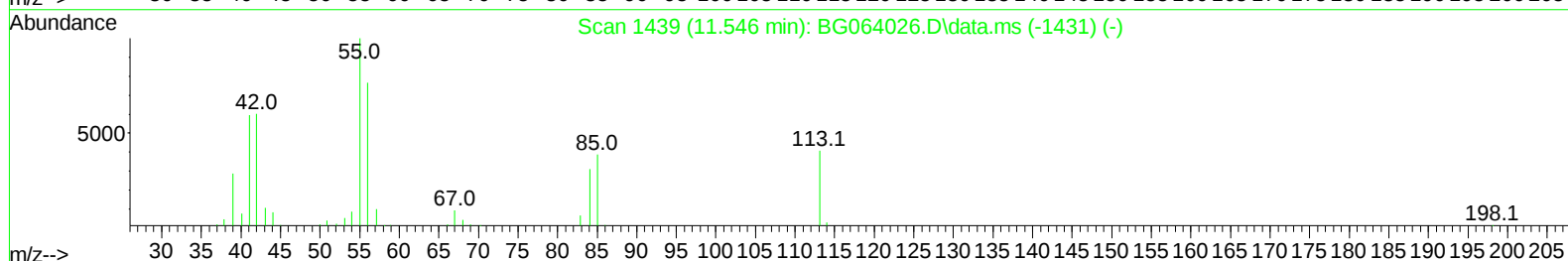
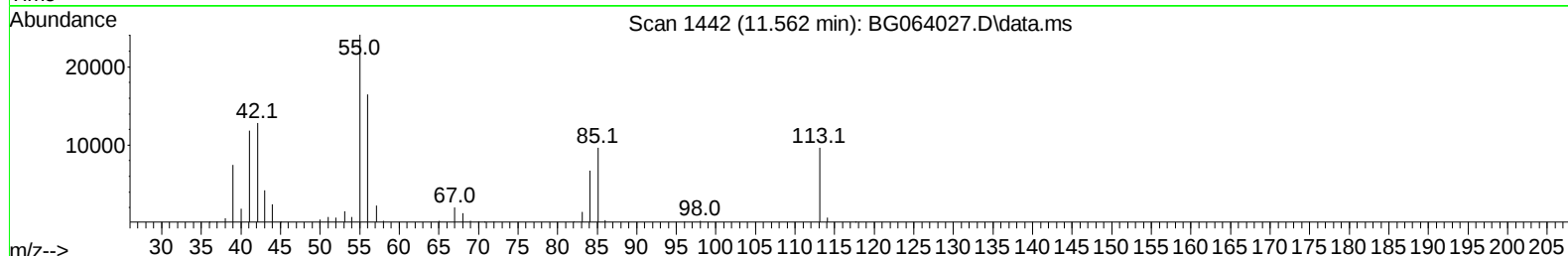
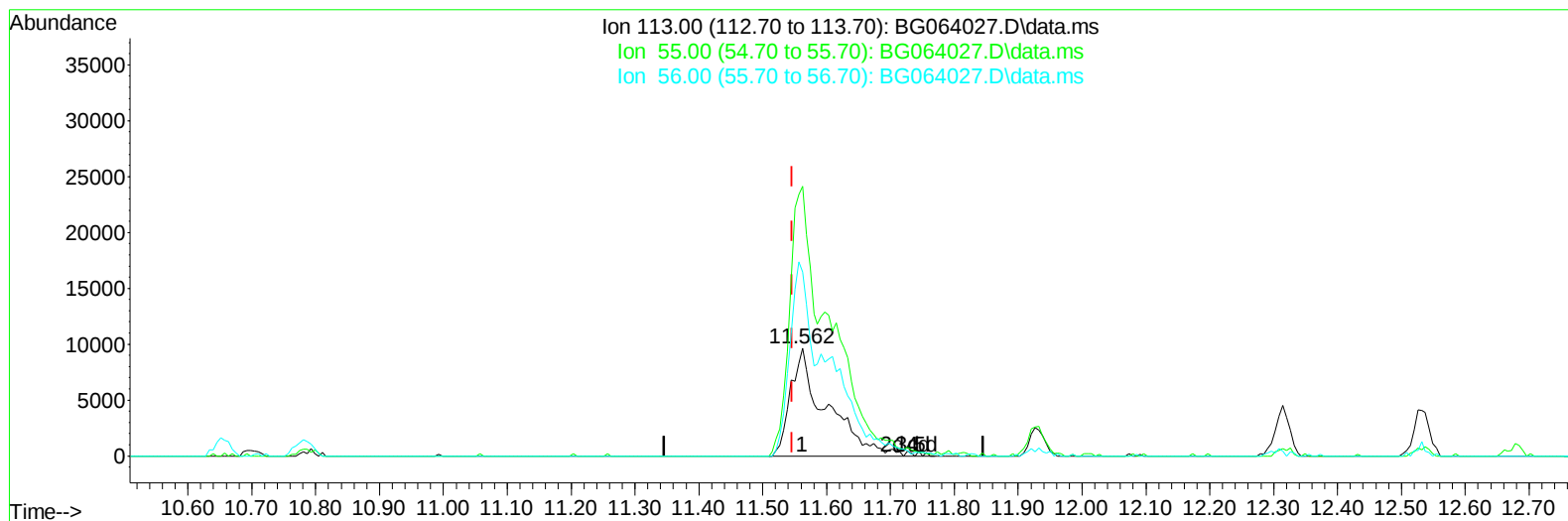
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021425\
Data File : BG064027.D
Acq On : 14 Feb 2025 10:44
Operator : RC/JU
Sample : SST04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040401

Manual IntegrationsAPPROVED

Quant Time: Feb 18 14:51:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 12:34:43 2025
Response via : Initial Calibration

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TIC: BG064027.D\data.ms

(34) Caprolactam

11.562min (+ 0.016) 37.13 ng/ul m

response 37977

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	246.00	249.40
56.00	188.30	170.13
0.00	0.00	0.00

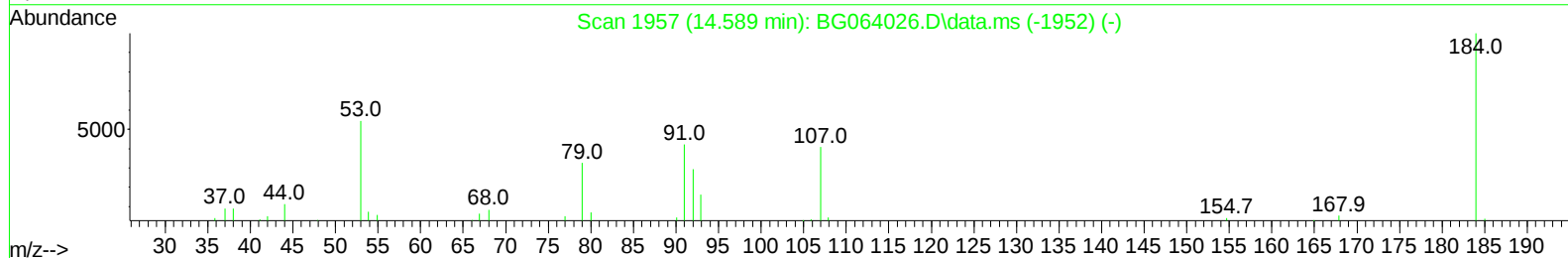
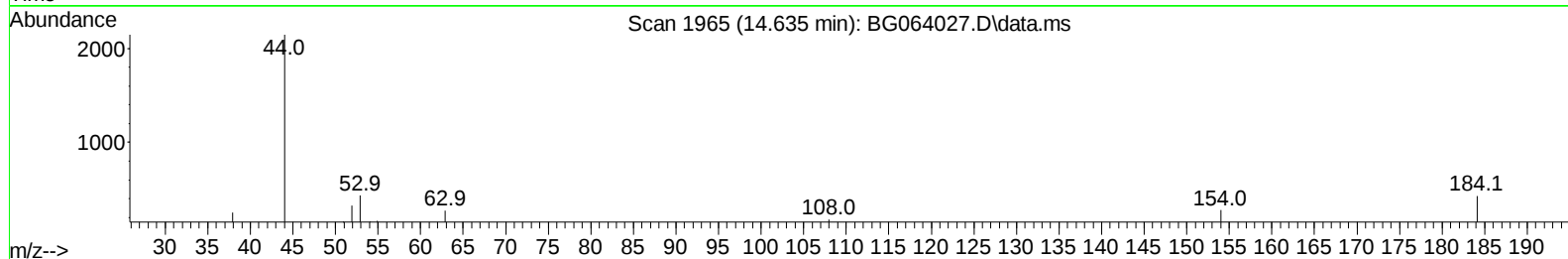
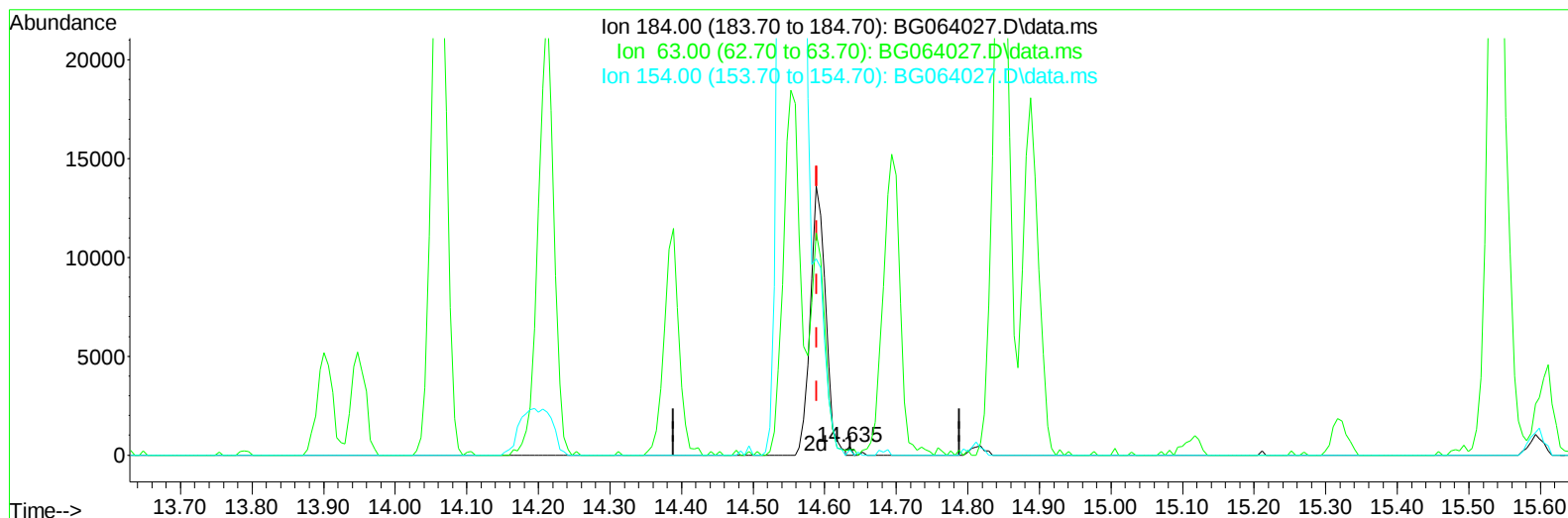
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021425\
Data File : BG064027.D
Acq On : 14 Feb 2025 10:44
Operator : RC/JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040401

Manual IntegrationsAPPROVED

Quant Time: Feb 18 14:51:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021425.MA.M
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TIC: BG064027.D\data.ms

(53) 2,4-Dinitrophenol

14.635min (+ 0.046) 0.27 ng/ul

response 152

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	63.20	63.26
154.00	76.40	64.88
0.00	0.00	0.00

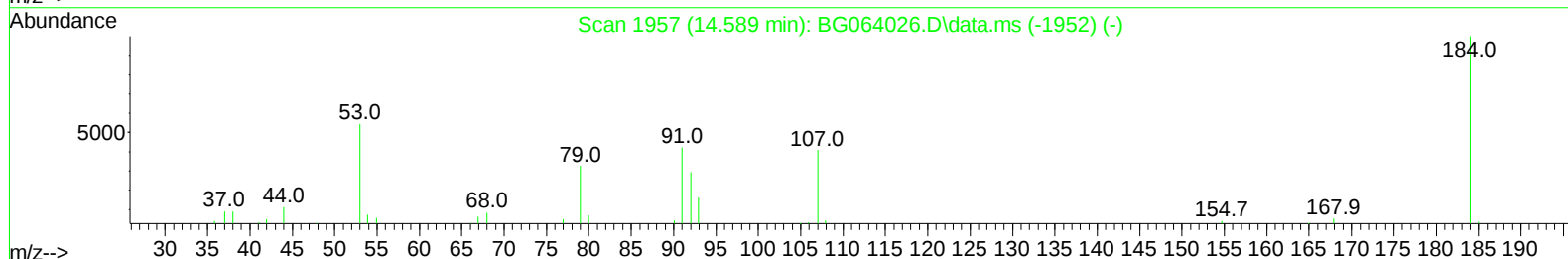
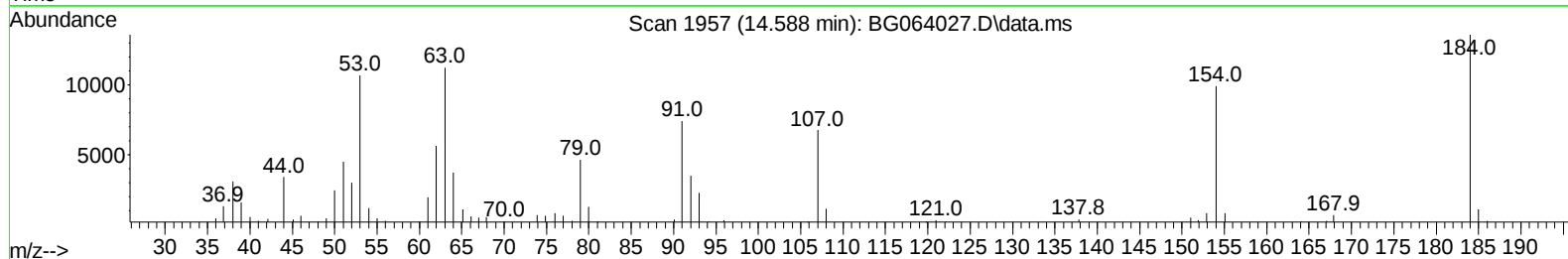
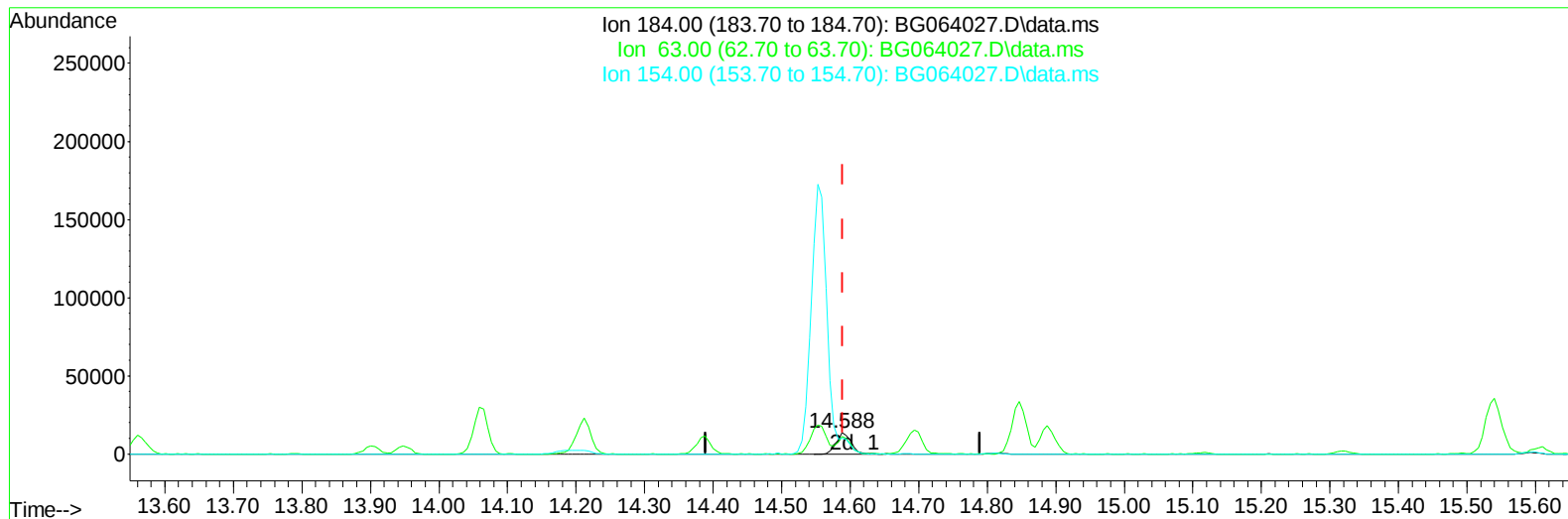
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021425\
Data File : BG064027.D
Acq On : 14 Feb 2025 10:44
Operator : RC/JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040401

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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TIC: BG064027.D\data.ms

(53) 2,4-Dinitrophenol

14.588min (-0.001) 35.81 ng/ul m

response 20450

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	63.20	82.68#
154.00	76.40	72.95
0.00	0.00	0.00

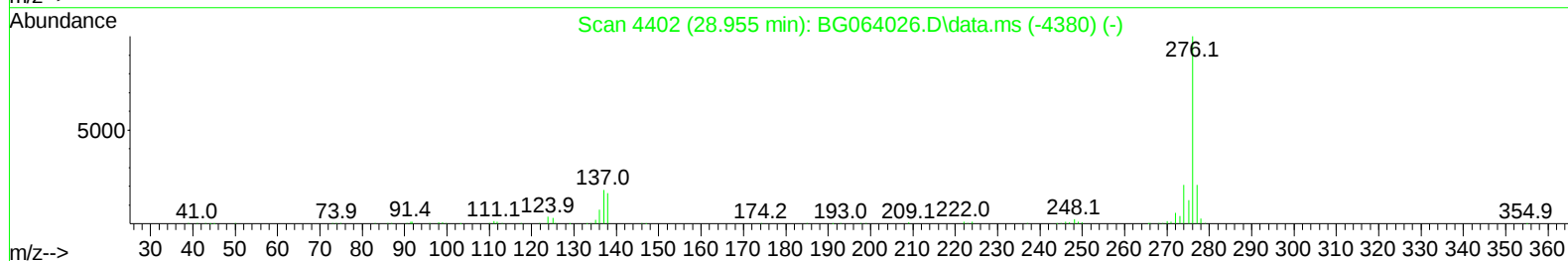
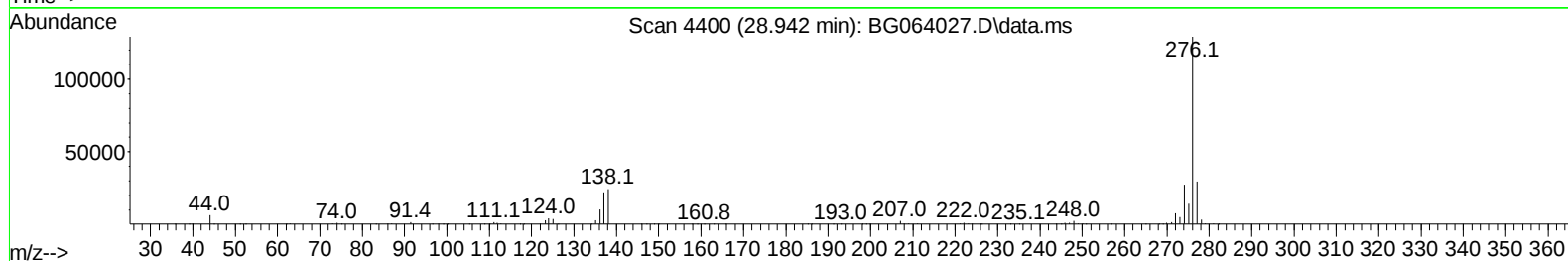
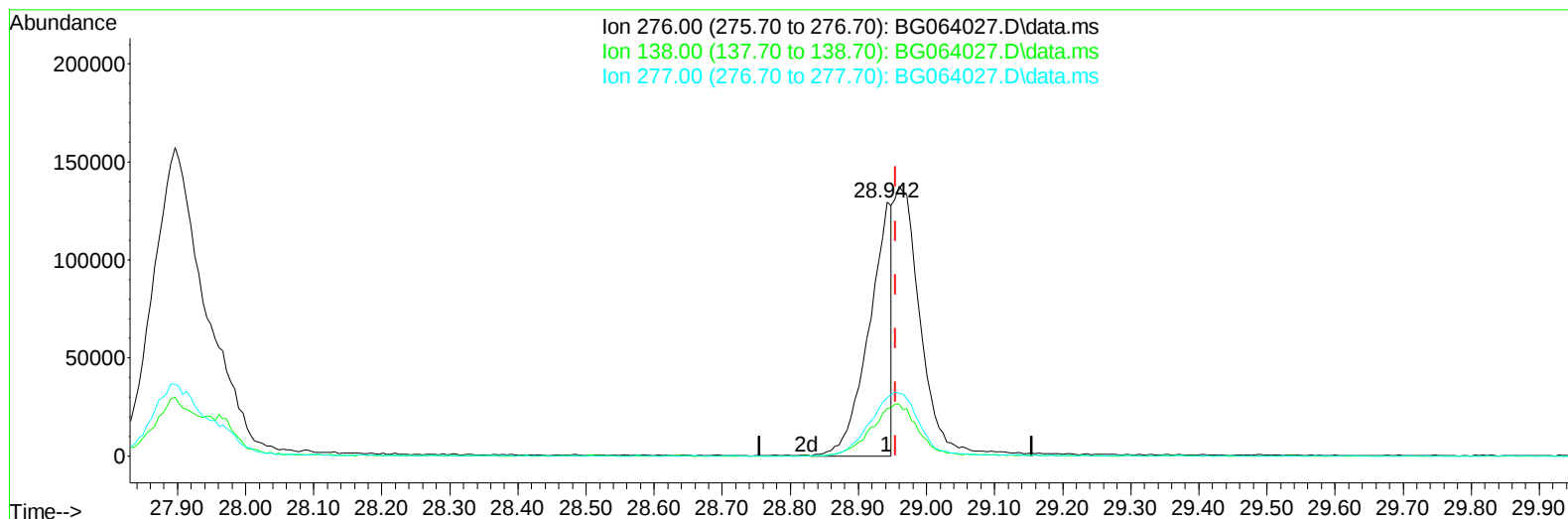
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021425\
Data File : BG064027.D
Acq On : 14 Feb 2025 10:44
Operator : RC/JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040401

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG064027.D\data.ms

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

28.942min (-0.013) 18.81 ng/u1

response 302634

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.40	18.80
277.00	20.80	22.96
0.00	0.00	0.00

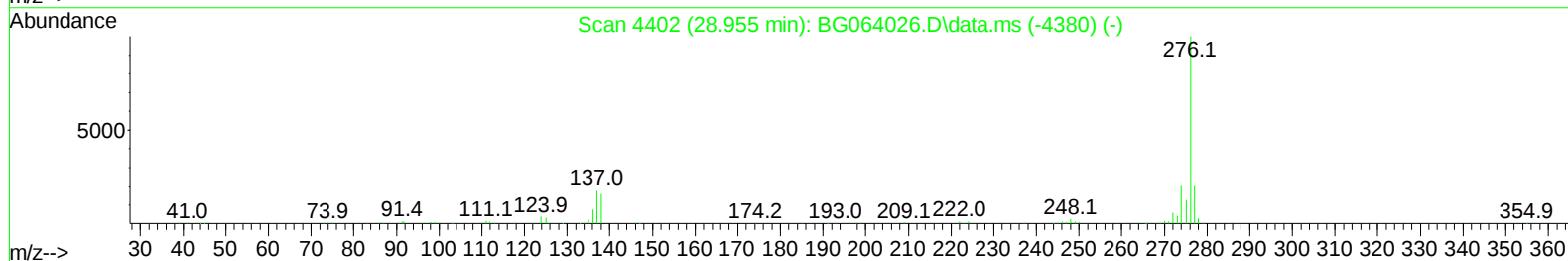
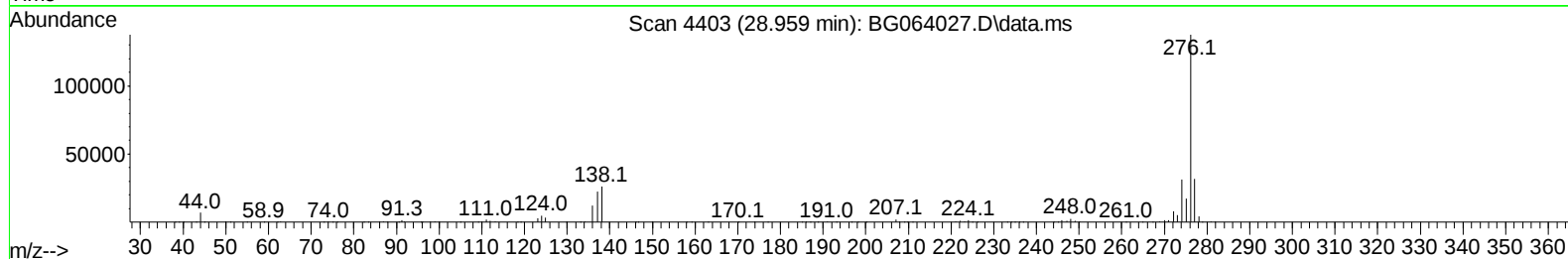
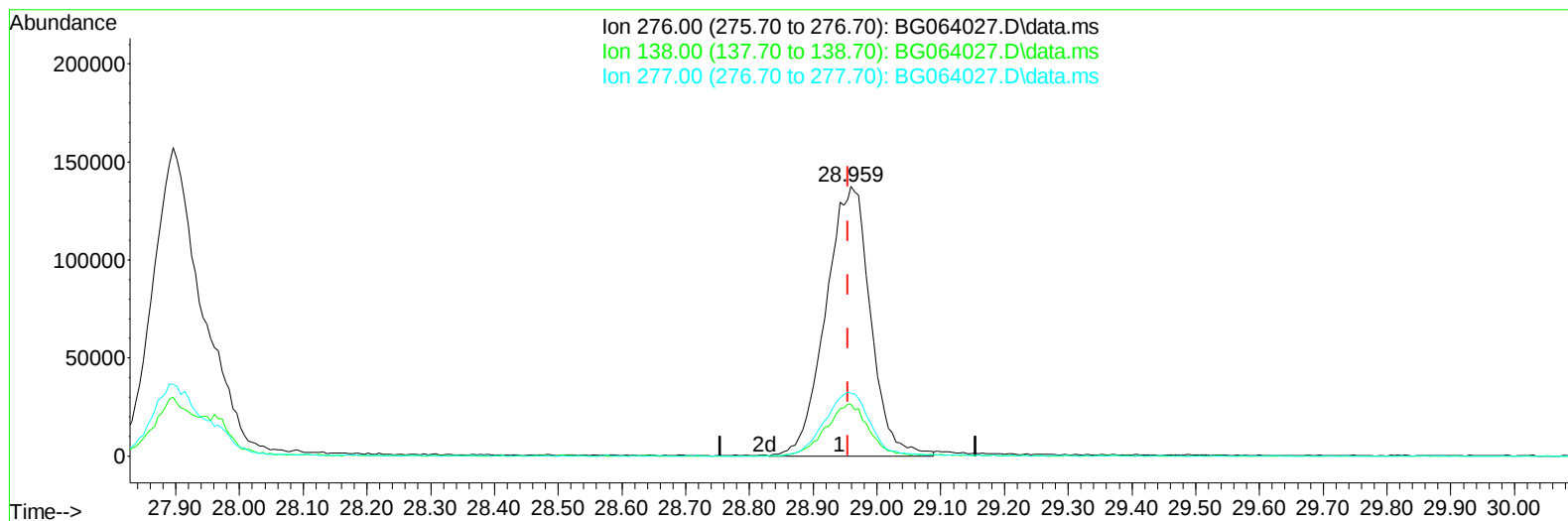
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021425\
Data File : BG064027.D
Acq On : 14 Feb 2025 10:44
Operator : RC/JU
Sample : SST04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040401

Manual IntegrationsAPPROVED

Quant Time: Feb 18 14:51:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021425.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BG064027.D\data.ms

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

28.959min (+ 0.005) 41.54 ng/ul m

response 668352

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.40	19.17
277.00	20.80	23.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021425\
 Data File : BG064027.D
 Acq On : 14 Feb 2025 10:44
 Operator : RC/JU
 Sample : SST04004
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST040401

Manual IntegrationsAPPROVED

Quant Time: Feb 18 14:54:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 14 12:34:43 2025
 Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/18/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	35700	20.00	ng/ul	0.00
20) Naphthalene-d8	10.651	136	161555	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.488	164	111903	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.232	188	248637	20.00	ng/ul	0.00
79) Chrysene-d12	21.468	240	282640	20.00	ng/ul	0.00
88) Perylene-d12	24.488	264	298267	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	17384	16.76	ng/uL	0.00
4) Pyridine-d5	3.742	84	122161	41.45	ng/ul	0.00
7) Phenol-d5	7.026	99	129090	40.01	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.197	67	89252	41.27	ng/ul	0.00
11) 2-Chlorophenol-d4	7.396	132	98206	43.09	ng/ul	0.00
15) 4-Methylphenol-d8	8.566	113	107398	39.10	ng/ul	0.00
21) Nitrobenzene-d5	9.012	128	45663	47.98	ng/ul	0.00
24) 2-Nitrophenol-d4	9.735	143	36016	44.99	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.270	165	103716	44.77	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	152186	39.94	ng/ul	0.00
46) Dimethylphthalate-d6	13.901	166	348160	41.30	ng/ul	0.00
49) Acenaphthylene-d8	14.183	160	399868	40.72	ng/ul	0.00
54) 4-Nitrophenol-d4	14.676	143	55682	41.97	ng/ul	0.00
60) Fluorene-d10	15.481	176	304144	39.75	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	36137	40.71	ng/ul	0.00
73) Anthracene-d10	17.332	188	499101	41.01	ng/ul	0.00
81) Pyrene-d10	19.617	212	596532	40.10	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.283	264	634764	42.02	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.372	88	18222	15.85	ng/uL	90
5) Pyridine	3.760	79	124396	40.97	ng/ul	98
6) Benzaldehyde	7.003	77	83111	43.65	ng/ul	98
8) Phenol	7.050	94	138538	40.10	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.291	93	112058	41.42	ng/ul	96
12) 2-Chlorophenol	7.432	128	103100	42.62	ng/ul	92
13) 2-Methylphenol	8.301	108	104057	39.67	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.384	45	263648	40.59	ng/ul#	97
16) Acetophenone	8.683	105	185016	39.97	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.671	70	96340	40.56	ng/ul	97
18) 4-Methylphenol	8.630	108	115513	39.72	ng/ul	99
19) Hexachloroethane	8.948	117	42276	42.12	ng/ul	87
22) Nitrobenzene	9.059	77	130570	45.06	ng/ul	96
23) Isophorone	9.582	82	269511	40.89	ng/ul	96
25) 2-Nitrophenol	9.764	139	42463	47.85	ng/ul	96
26) 2,4-Dimethylphenol	9.829	107	121811	42.56	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.070	93	155680	40.78	ng/ul	99
29) 2,4-Dichlorophenol	10.299	162	95163	43.52	ng/ul	96
30) Naphthalene	10.704	128	363394	40.70	ng/ul	98
32) 4-Chloroaniline	10.810	127	145395	39.16	ng/ul	100
33) Hexachlorobutadiene	10.998	225	73425	40.55	ng/ul	96
34) Caprolactam	11.562	113	37977m	37.13	ng/ul	
35) 4-Chloro-3-methylphenol	11.932	107	120641	41.78	ng/ul	100

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Instrument :

BNA_G

ClientSampleId :

SSTD040401

Manual IntegrationsAPPROVED

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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.314	142	262260	40.83	ng/ul	94
37) 1-Methylnaphthalene	12.532	142	264997	40.58	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.684	216	141653	41.54	ng/ul	91
40) Hexachlorocyclopentadiene	12.667	237	59671	43.69	ng/ul	87
41) 2,4,6-Trichlorophenol	12.919	196	83117	46.22	ng/ul#	96
42) 2,4,5-Trichlorophenol	12.984	196	86826	43.09	ng/ul	99
43) 1,1'-Biphenyl	13.325	154	350689	40.23	ng/ul	97
44) 2-Chloronaphthalene	13.366	162	264333	40.67	ng/ul	97
45) 2-Nitroaniline	13.560	65	76762	44.99	ng/ul	99
47) Dimethylphthalate	13.954	163	335736	40.70	ng/ul	98
48) 2,6-Dinitrotoluene	14.065	165	56683	45.79	ng/ul	92
50) Acenaphthylene	14.212	152	408513	40.28	ng/ul	99
51) 3-Nitroaniline	14.388	138	59645	43.01	ng/ul	98
52) Acenaphthene	14.553	153	301846	40.43	ng/ul	95
53) 2,4-Dinitrophenol	14.588	184	20450m	35.81	ng/ul	
55) 4-Nitrophenol	14.694	109	53049	40.07	ng/ul	93
56) Dibenzofuran	14.888	168	416647	39.91	ng/ul	100
57) 2,4-Dinitrotoluene	14.847	165	83049	45.69	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.111	232	74841	43.88	ng/ul#	95
59) Diethylphthalate	15.317	149	351589	41.62	ng/ul	98
61) Fluorene	15.540	166	334664	39.65	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.534	204	164859	39.00	ng/ul	96
63) 4-Nitroaniline	15.552	138	60866	41.59	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.610	198	41342	41.34	ng/ul#	89
67) N-Nitrosodiphenylamine	15.746	169	286756	41.09	ng/ul	97
68) 4-Bromophenyl-phenylether	16.427	248	105497	40.19	ng/ul	96
69) Hexachlorobenzene	16.539	284	120974	40.53	ng/ul	95
70) Atrazine	16.697	200	122769	44.09	ng/ul	96
71) Pentachlorophenol	16.879	266	63388	42.73	ng/ul	94
72) Phenanthrene	17.273	178	559401	40.45	ng/ul	98
74) Anthracene	17.367	178	562436	40.05	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.290	216	139770	42.16	ng/ul	98
76) Pentachlorobenzene	14.811	250	149422	41.82	ng/ul	98
77) Carbazole	17.632	167	507160	42.45	ng/ul	98
78) Di-n-butylphthalate	18.207	149	621389	45.85	ng/ul	99
80) Fluoranthene	19.283	202	665113	39.56	ng/ul	99
82) Pyrene	19.647	202	727376	39.41	ng/ul	98
83) Butylbenzylphthalate	20.546	149	237135	45.89	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.368	252	237639	44.83	ng/ul	98
85) Benzo(a)anthracene	21.445	228	764748	40.67	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	387939	45.68	ng/ul	99
87) Chrysene	21.509	228	746222	40.06	ng/ul	99
89) Di-n-octyl phthalate	22.538	149	633492	41.61	ng/ul	100
90) Benzo(b)fluoranthene	23.536	252	729528	41.40	ng/ul	99
91) Benzo(k)fluoranthene	23.601	252	771374	41.49	ng/ul	97
93) Benzo(a)pyrene	24.353	252	697298	41.20	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.896	276	855063	41.93	ng/ul	96
95) Dibenzo(a,h)anthracene	27.961	278	683871	41.42	ng/ul	95
96) Benzo(g,h,i)perylene	28.959	276	668352m	41.54	ng/ul	

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

