

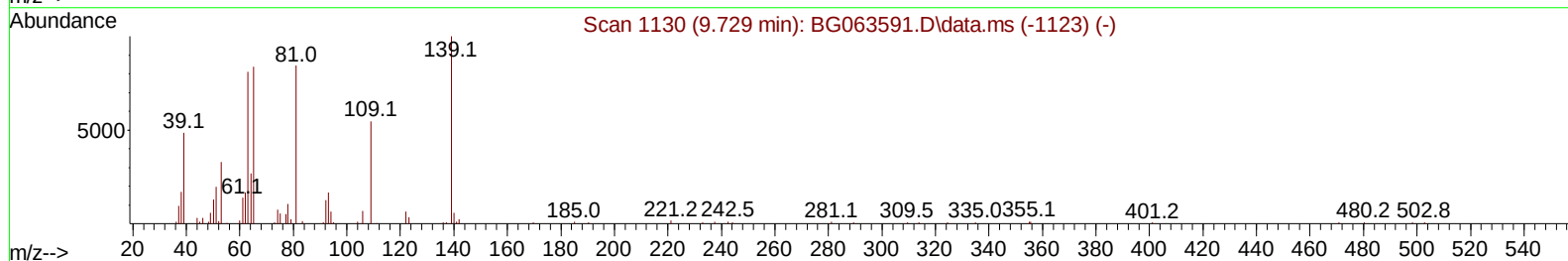
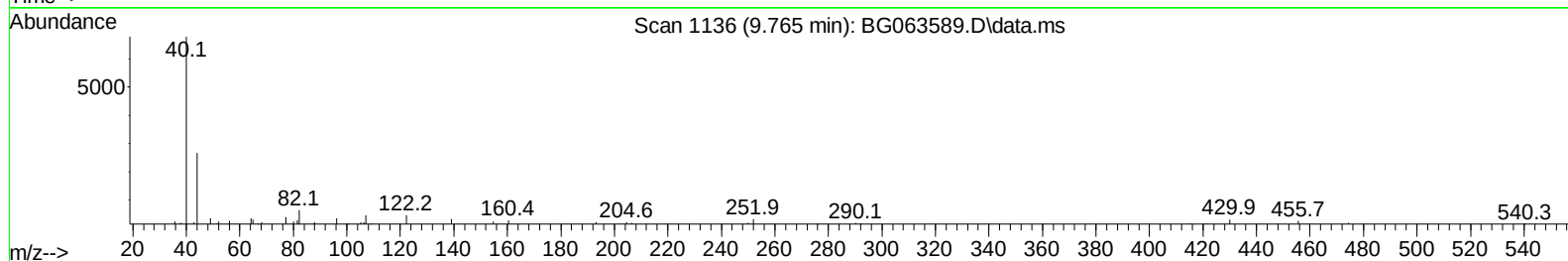
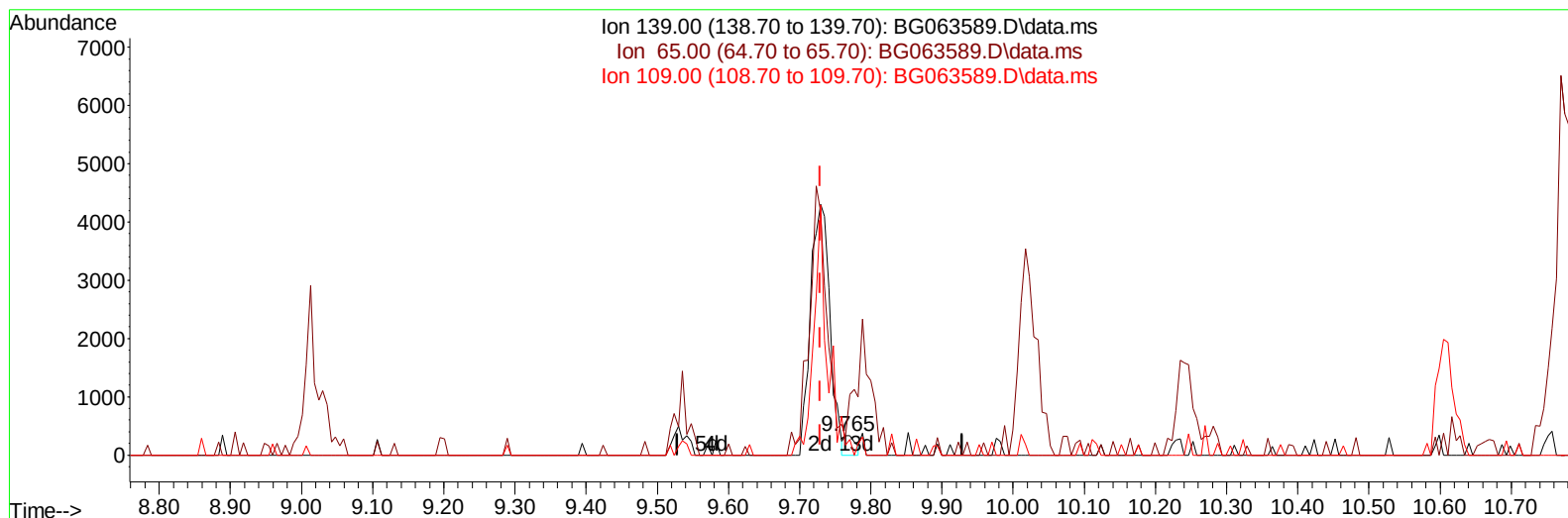
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120624\
Data File : BG063589.D
Acq On : 6 Dec 2024 10:09
Operator : RC/JU
Sample : SST00582
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005424

Manual IntegrationsAPPROVED

Quant Time: Dec 06 14:18:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:14:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



TIC: BG063589.D\data.ms

(25) 2-Nitrophenol (C)

9.765min (+ 0.036) 0.18 ng/uI

response 373

Ion	Exp%	Act%
139.00	100.00	100.00
65.00	89.00	92.90
109.00	54.70	48.82
0.00	0.00	0.00

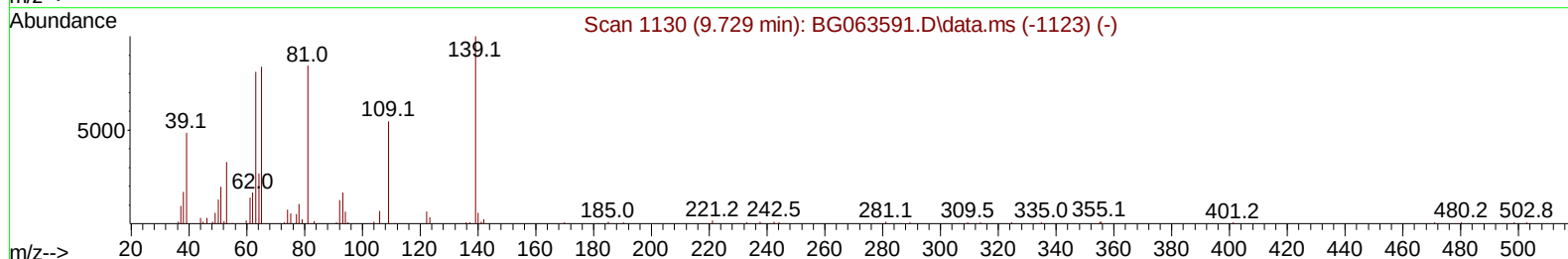
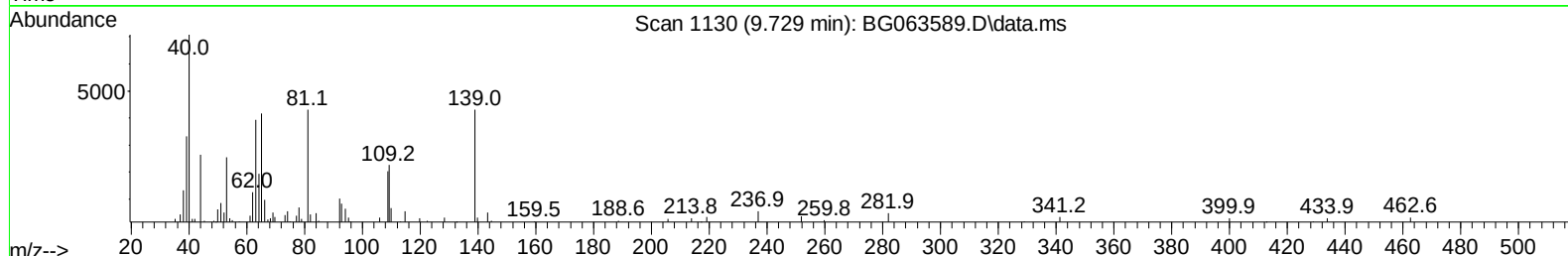
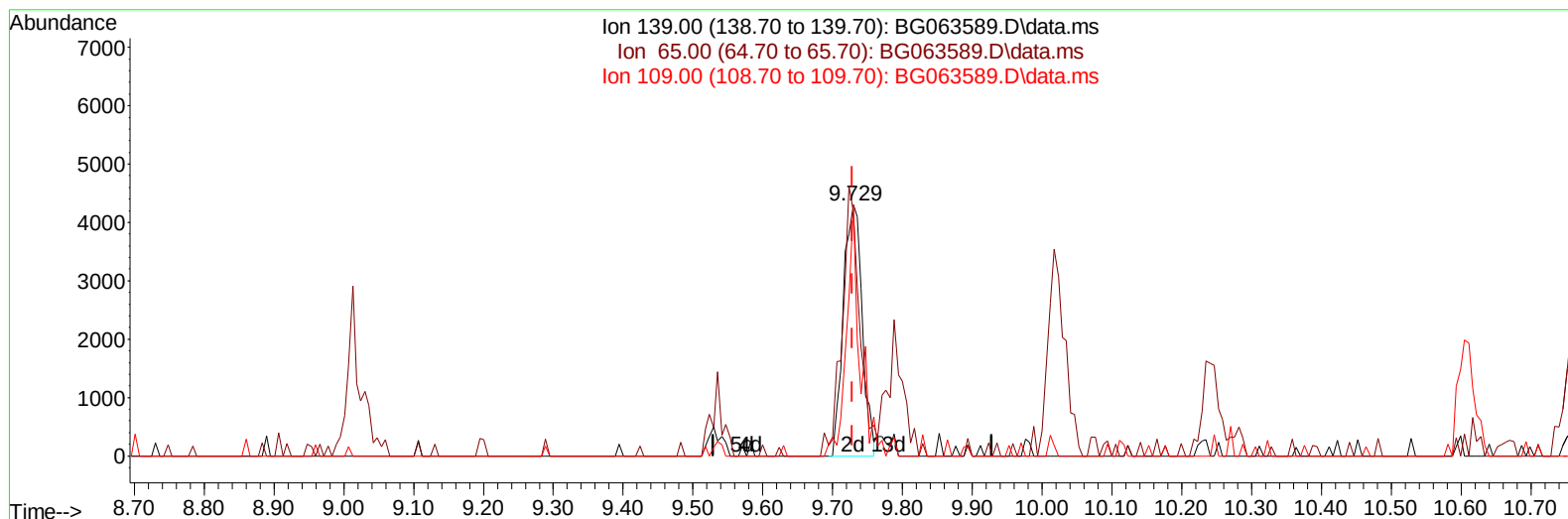
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120624\
Data File : BG063589.D
Acq On : 6 Dec 2024 10:09
Operator : RC/JU
Sample : SST00582
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005424

Manual IntegrationsAPPROVED

Quant Time: Dec 06 14:18:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:14:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



TIC: BG063589.D\data.ms

(25) 2-Nitrophenol (C)

9.729min (+ 0.001) 3.86 ng/ul m

response 8121

Ion	Exp%	Act%
139.00	100.00	100.00
65.00	89.00	97.09
109.00	54.70	52.56
0.00	0.00	0.00

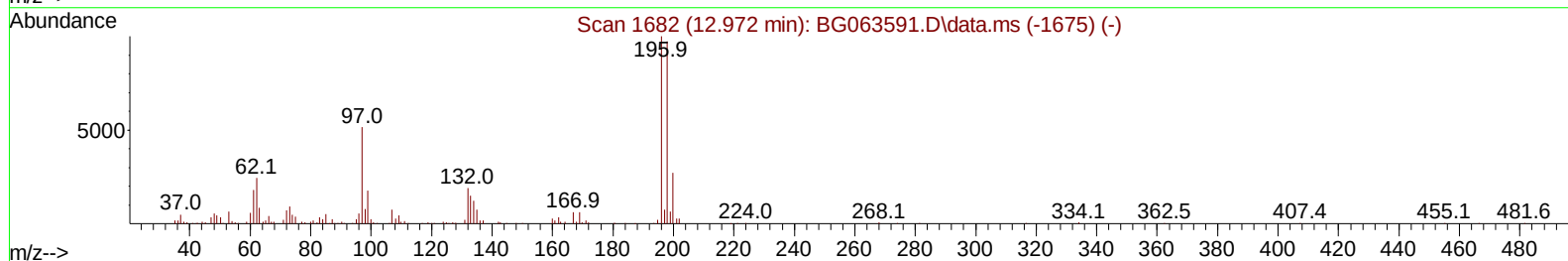
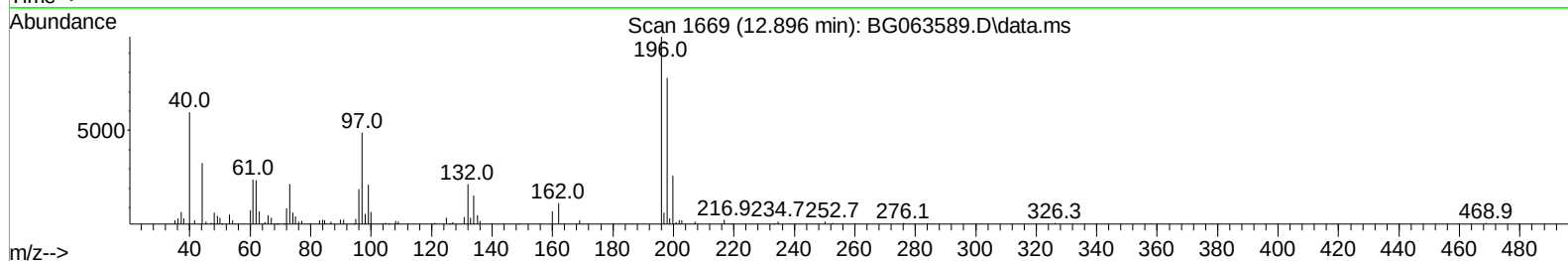
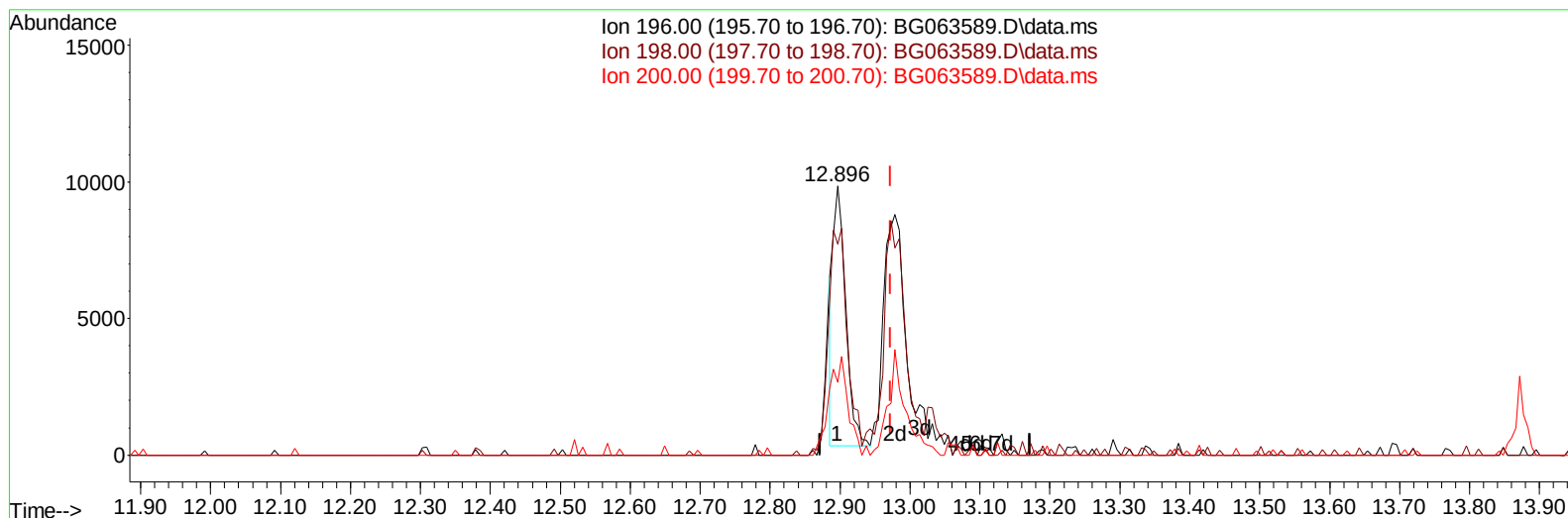
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120624\
 Data File : BG063589.D
 Acq On : 6 Dec 2024 10:09
 Operator : RC/JU
 Sample : SST00582
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005424

Manual IntegrationsAPPROVED

Quant Time: Dec 06 14:18:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 06 13:14:57 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024



TIC: BG063589.D\data.ms

(42) 2,4,5-Trichlorophenol

12.896min (-0.076) 2.94 ng/u1

response 12241

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	97.50	82.91
200.00	26.90	26.91
0.00	0.00	0.00

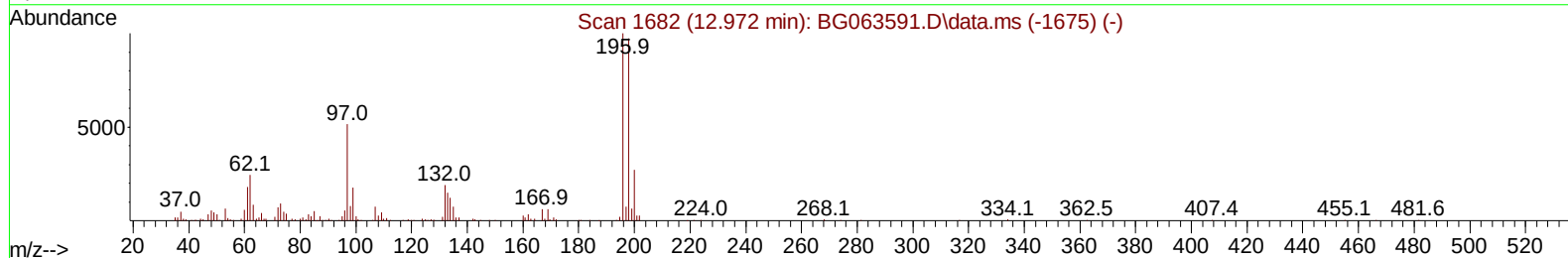
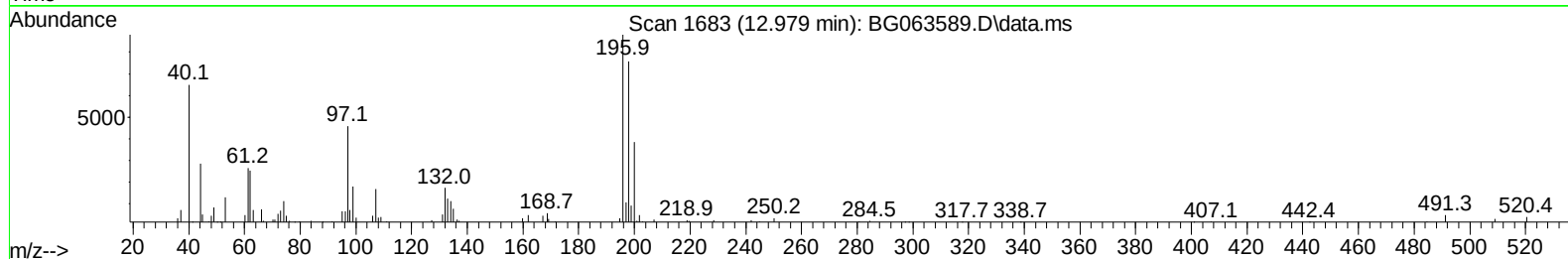
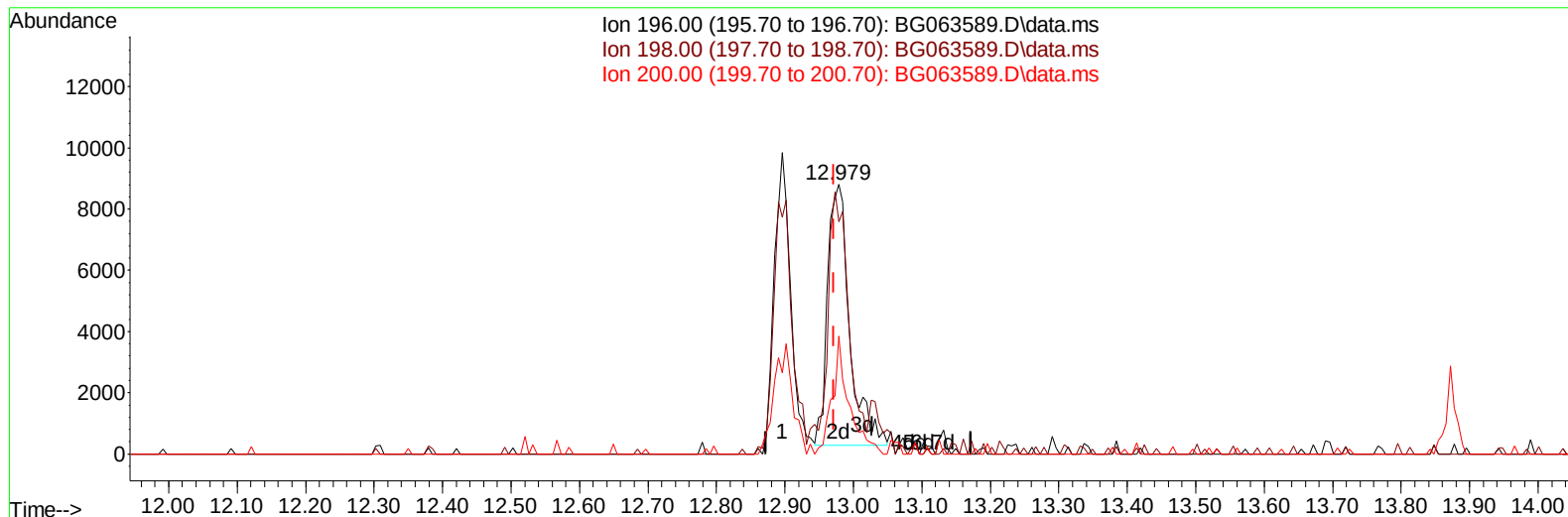
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120624\
Data File : BG063589.D
Acq On : 6 Dec 2024 10:09
Operator : RC/JU
Sample : SST00582
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005424

Manual IntegrationsAPPROVED

Quant Time: Dec 06 14:18:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:14:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



TIC: BG063589.D\data.ms

(42) 2,4,5-Trichlorophenol

12.979min (+ 0.006) 4.62 ng/ul m

response 19258

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	97.50	86.15
200.00	26.90	43.79#
0.00	0.00	0.00

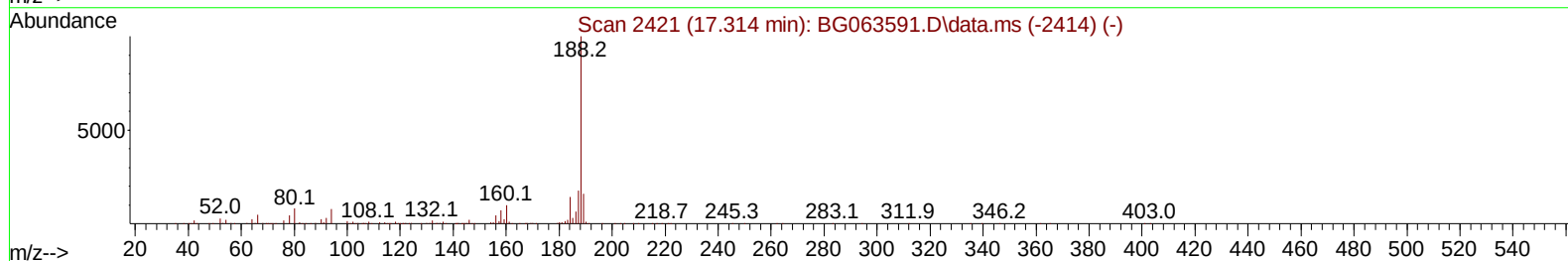
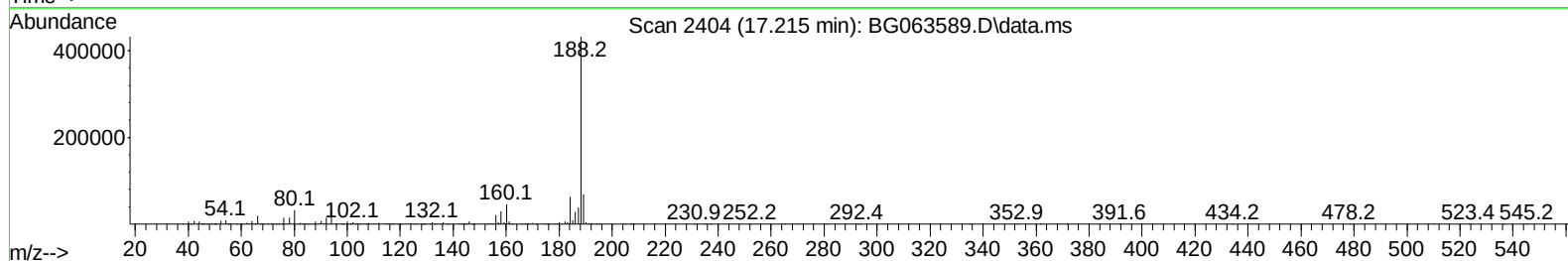
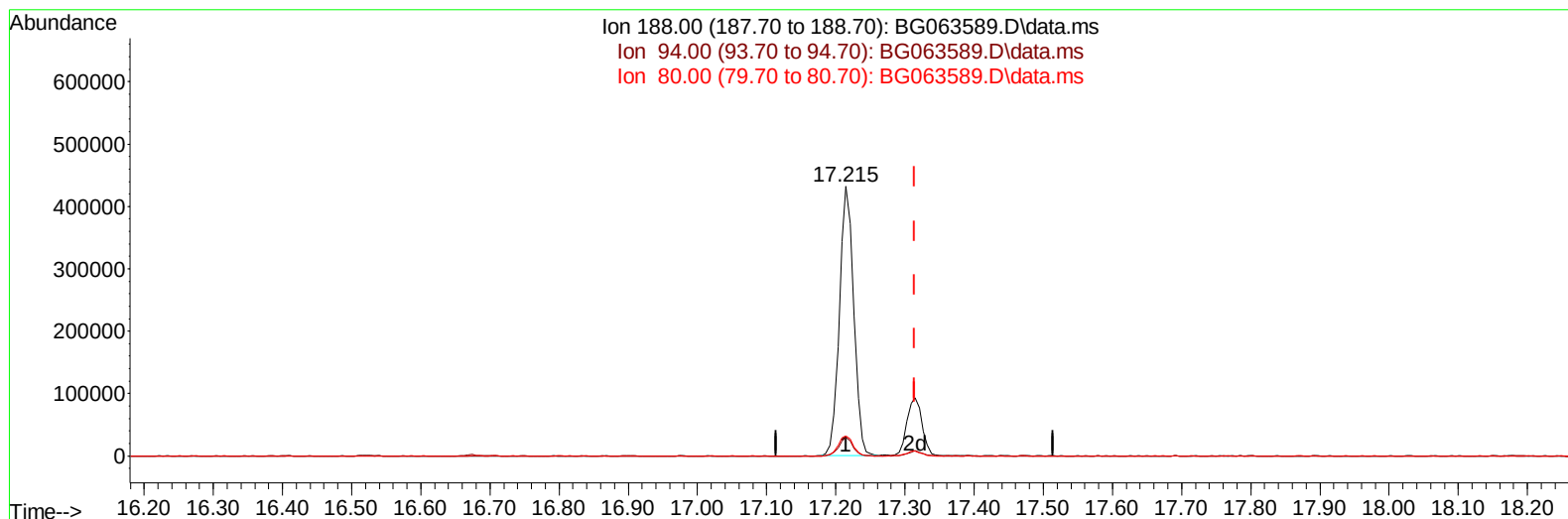
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120624\
 Data File : BG063589.D
 Acq On : 6 Dec 2024 10:09
 Operator : RC/JU
 Sample : SST00582
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST005424

Manual IntegrationsAPPROVED

Quant Time: Dec 06 14:18:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
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 QLast Update : Fri Dec 06 13:14:57 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024



TIC: BG063589.D\data.ms

(73) Anthracene-d10 (S)

17.215min (-0.099) 23.23 ng/ul

response 619872

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.00	7.02
80.00	8.00	7.55
0.00	0.00	0.00

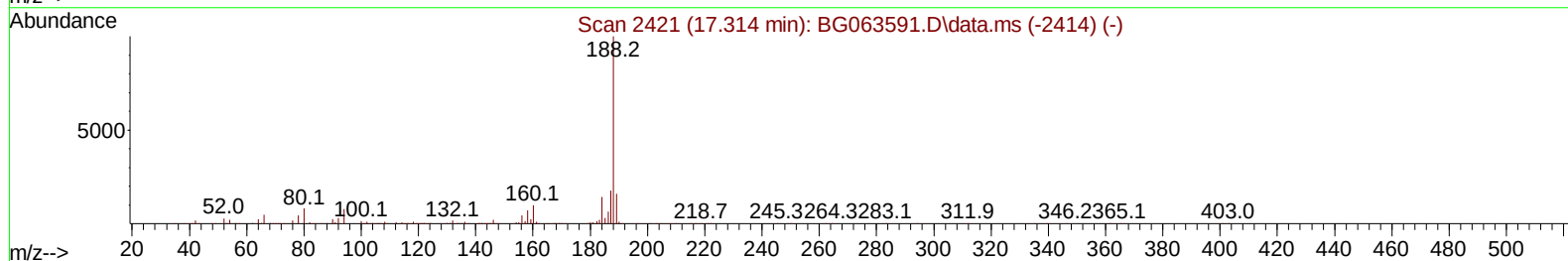
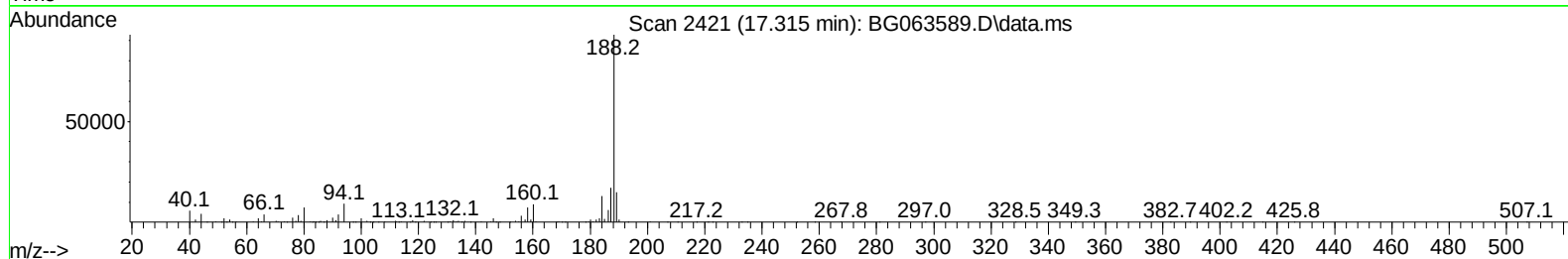
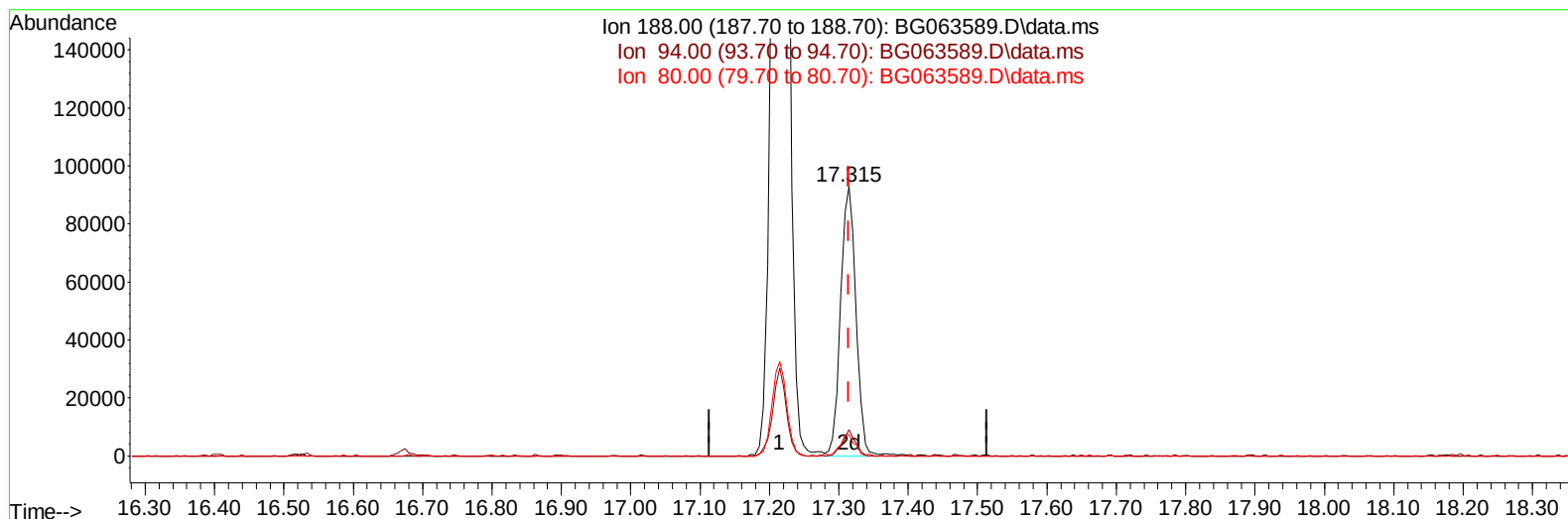
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Data File : BG063589.D
Acq On : 6 Dec 2024 10:09
Operator : RC/JU
Sample : SST00582
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005424

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024

Quant Time: Dec 06 14:18:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:14:57 2024
Response via : Initial Calibration



TIC: BG063589.D\data.ms

(73) Anthracene-d10 (S)

17.315min (+ 0.001) 5.34 ng/ul m

response 142440

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.00	9.89#
80.00	8.00	7.91
0.00	0.00	0.00

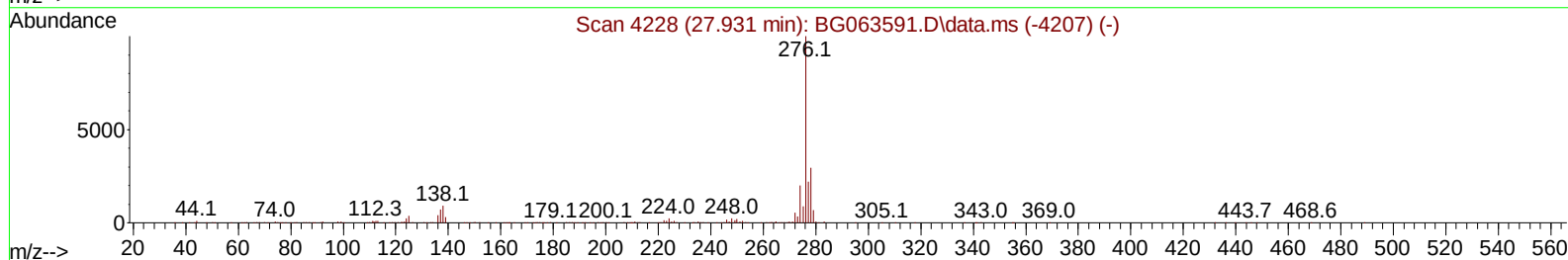
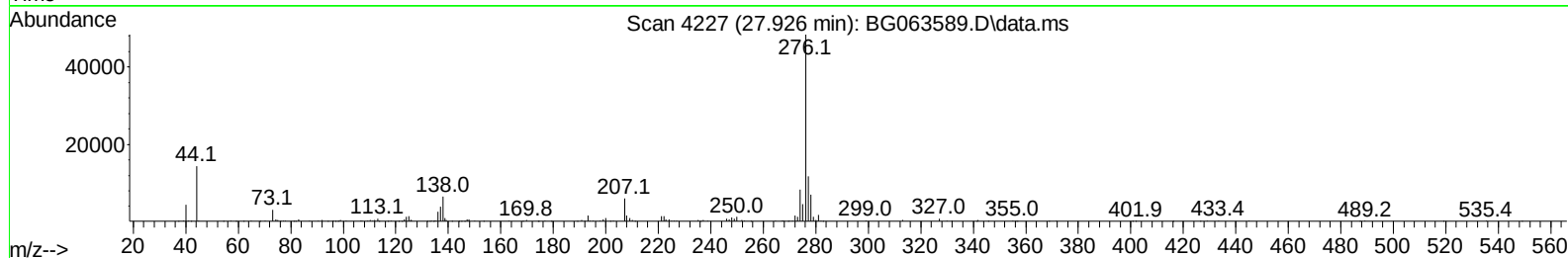
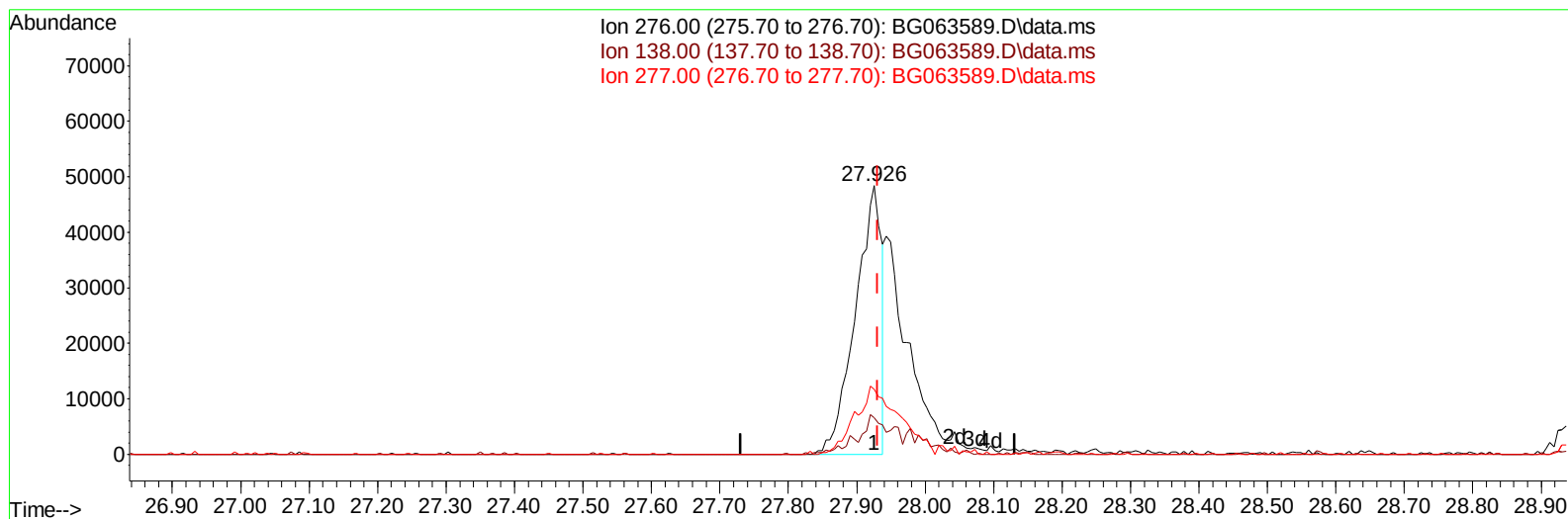
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Data File : BG063589.D
Acq On : 6 Dec 2024 10:09
Operator : RC/JU
Sample : SSTD00582
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005424

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024

Quant Time: Dec 06 14:18:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:14:57 2024
Response via : Initial Calibration



TIC: BG063589.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.926min (-0.005) 2.73 ng/u1

response 127813

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.30	15.72#
277.00	22.20	24.25
0.00	0.00	0.00

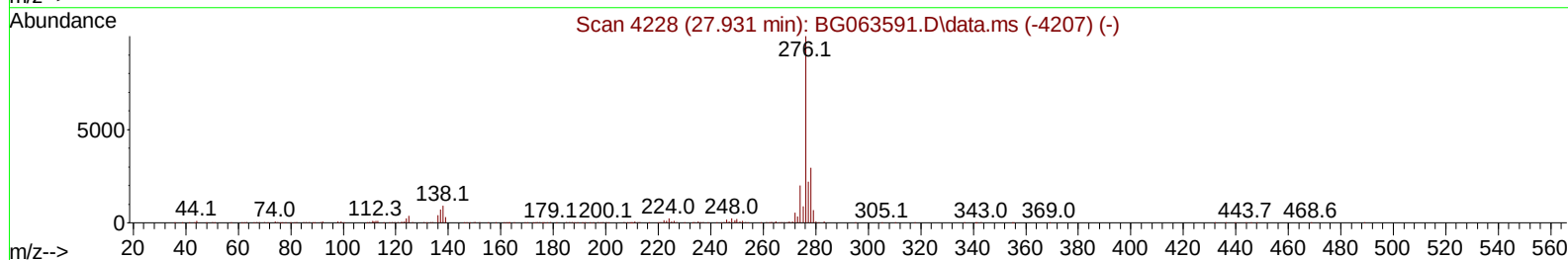
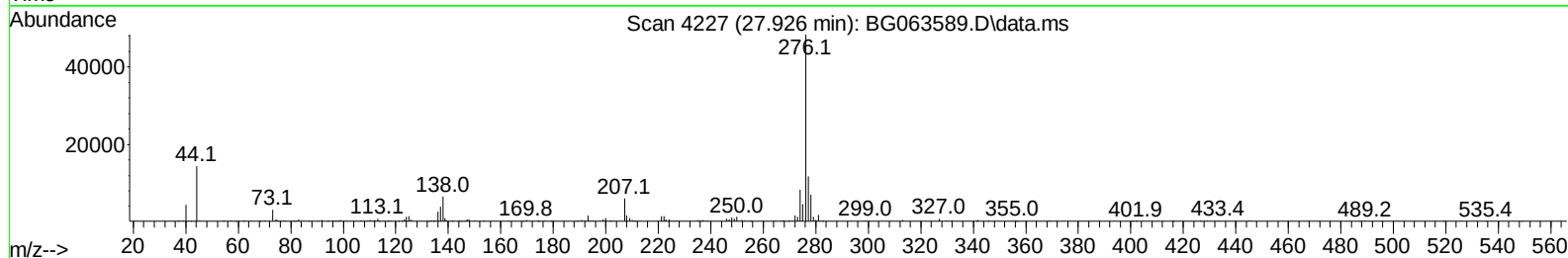
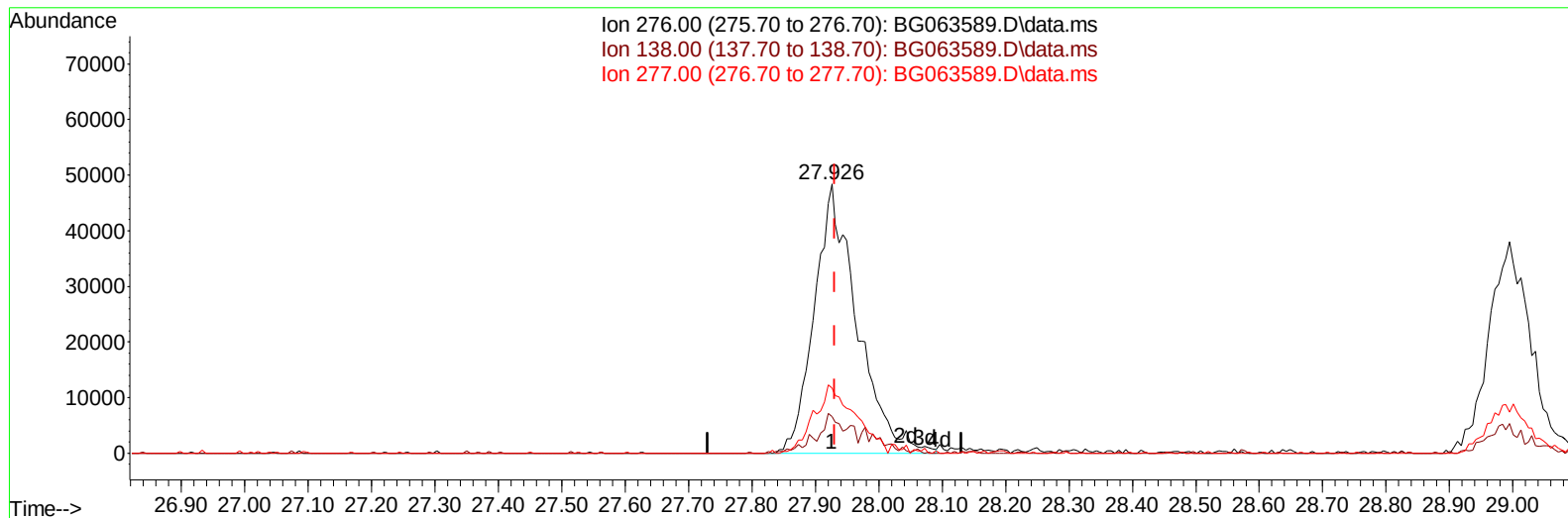
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120624\
Data File : BG063589.D
Acq On : 6 Dec 2024 10:09
Operator : RC/JU
Sample : SST00582
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005424

Manual IntegrationsAPPROVED

Quant Time: Dec 06 14:18:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:14:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



TIC: BG063589.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.926min (-0.005) 4.82 ng/ul m

response 225933

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.30	13.65#
277.00	22.20	24.25
0.00	0.00	0.00

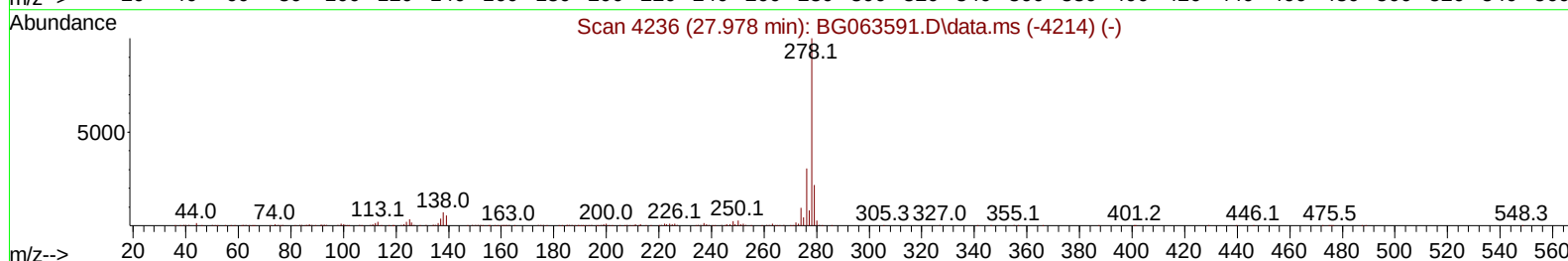
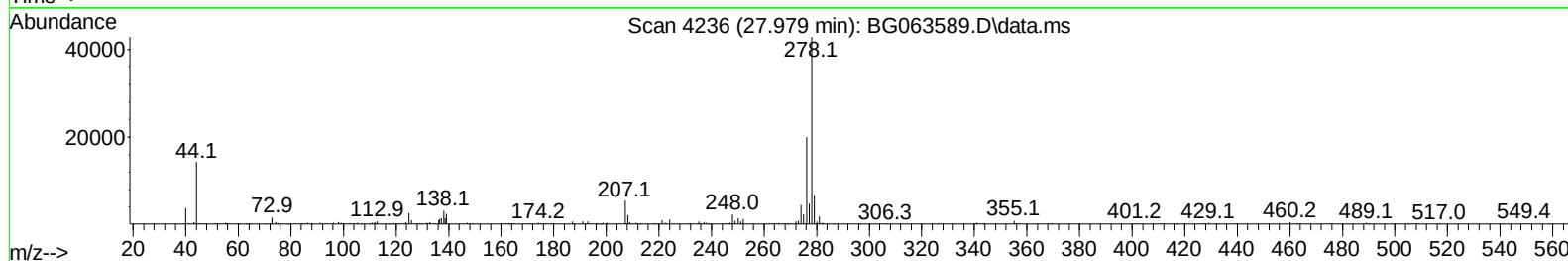
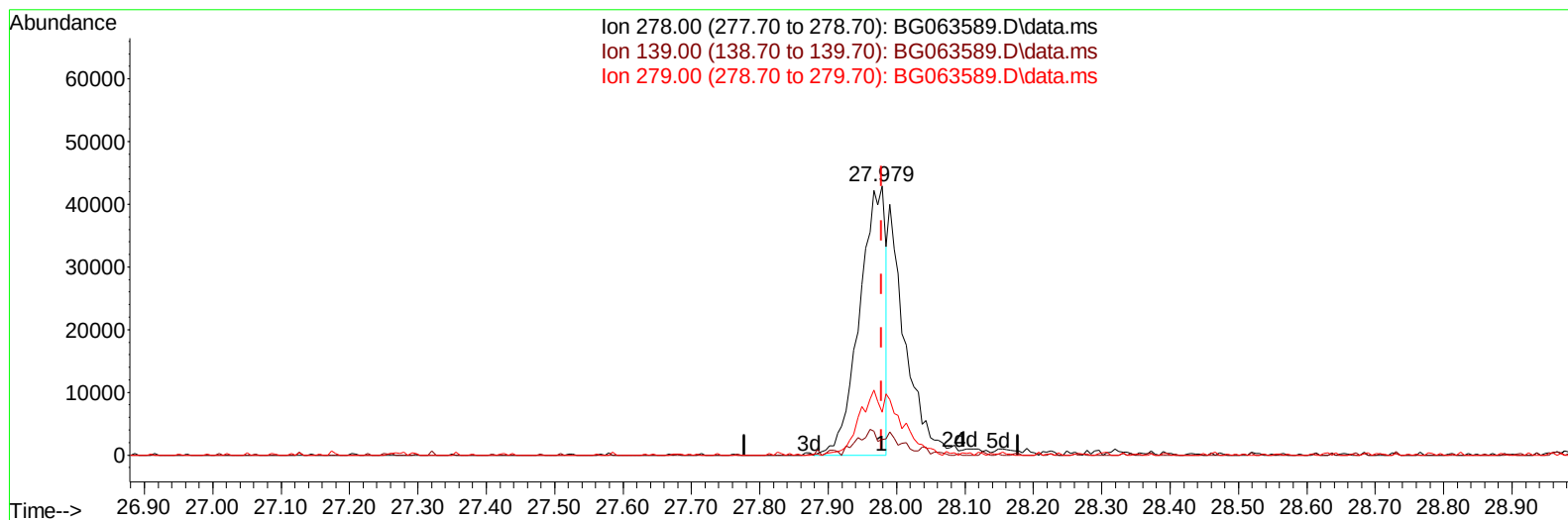
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120624\
Data File : BG063589.D
Acq On : 6 Dec 2024 10:09
Operator : RC/JU
Sample : SSTD00582
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005424

Manual IntegrationsAPPROVED

Quant Time: Dec 06 14:18:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:14:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



TIC: BG063589.D\data.ms

(95) Dibenzo(a,h)anthracene

27.979min (+ 0.001) 2.97 ng/u l

response 113352

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.40	5.90
279.00	21.80	15.90#
0.00	0.00	0.00

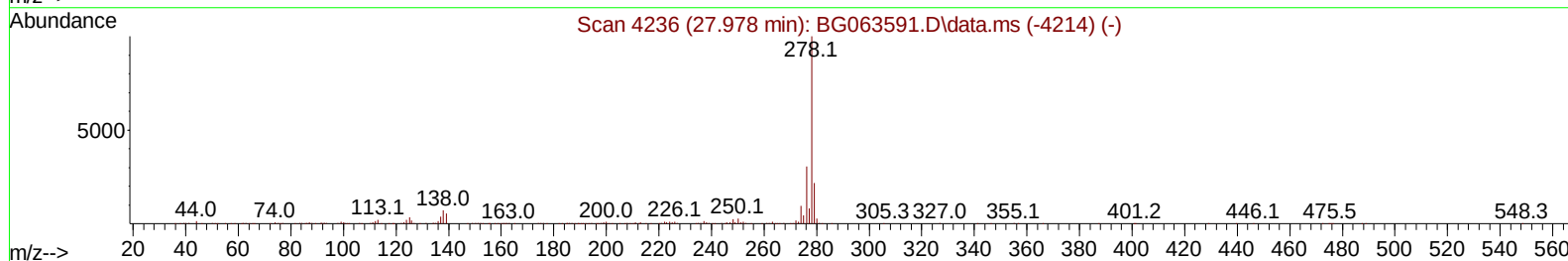
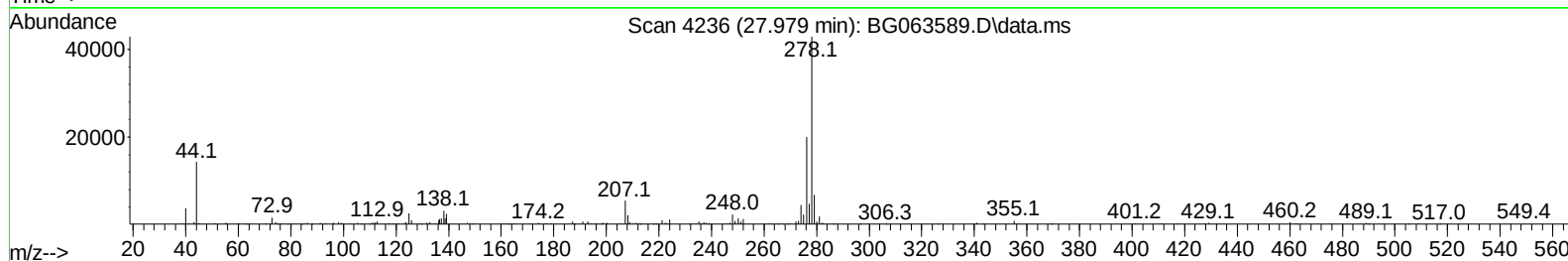
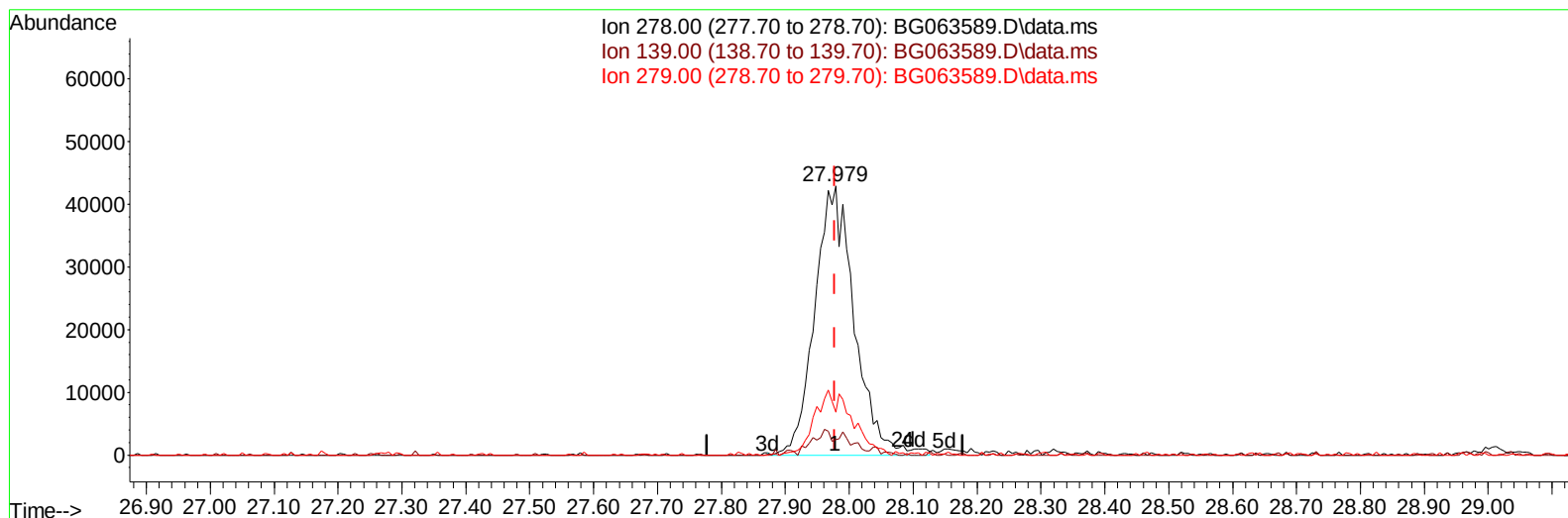
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Data File : BG063589.D
Acq On : 6 Dec 2024 10:09
Operator : RC/JU
Sample : SSTD00582
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005424

Manual IntegrationsAPPROVED

Quant Time: Dec 06 14:18:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:14:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



TIC: BG063589.D\data.ms

(95) Dibenzo(a,h)anthracene

27.979min (+ 0.001) 4.83 ng/ul m

response 184634

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	5.40	5.90
279.00	21.80	15.90#
0.00	0.00	0.00

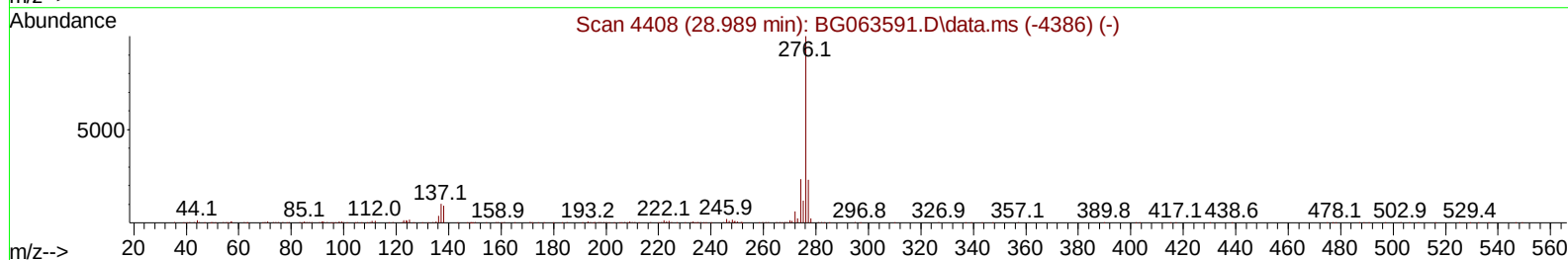
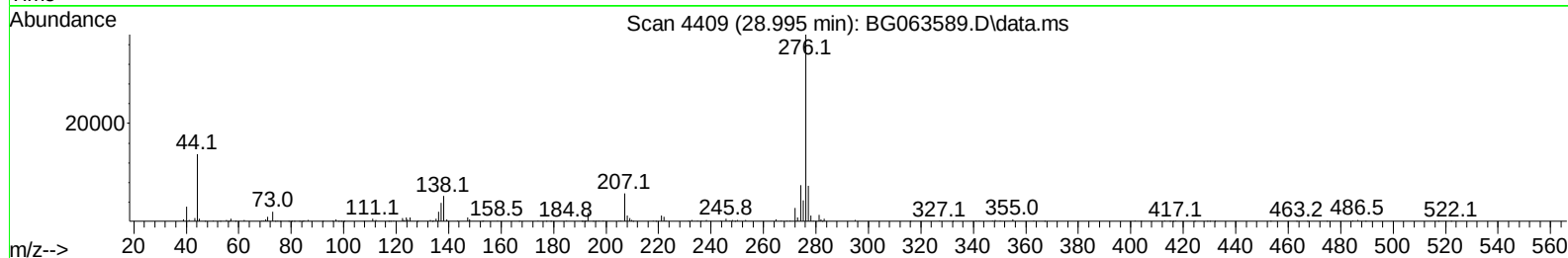
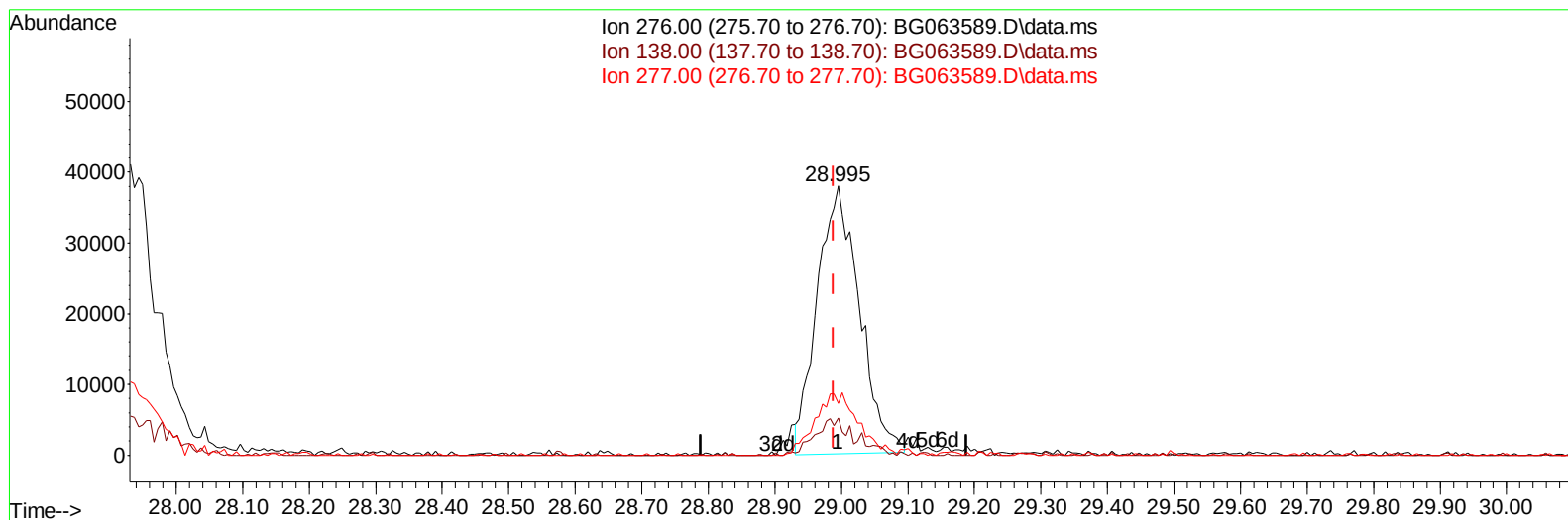
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Data File : BG063589.D
Acq On : 6 Dec 2024 10:09
Operator : RC/JU
Sample : SSTD00582
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005424

Manual IntegrationsAPPROVED

Quant Time: Dec 06 14:18:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:14:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



TIC: BG063589.D\data.ms

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

28.995min (+ 0.006) 4.69 ng/u1

response 166728

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.20	13.83#
277.00	22.90	19.27
0.00	0.00	0.00

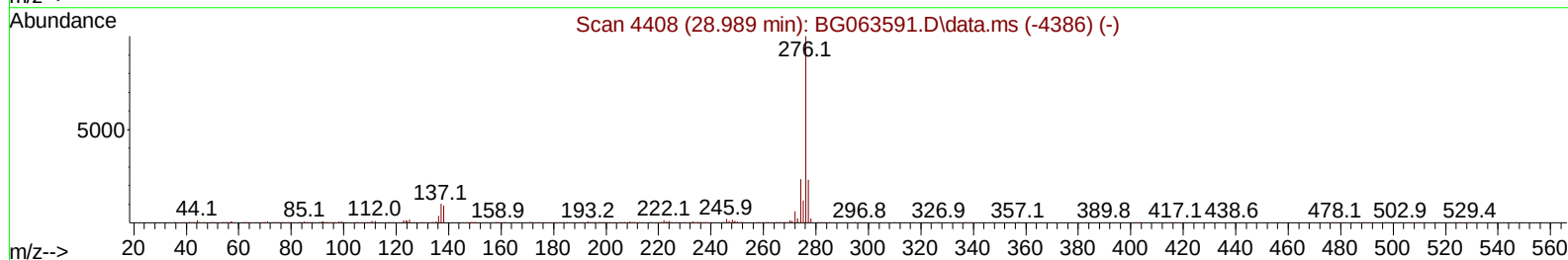
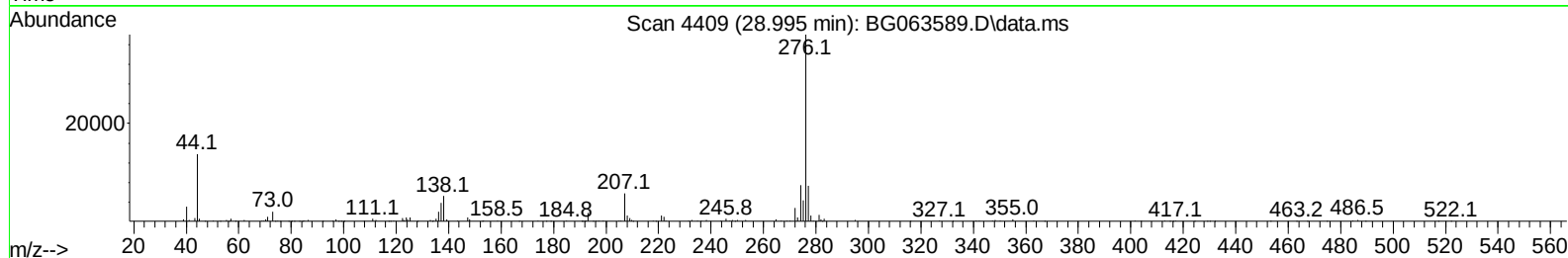
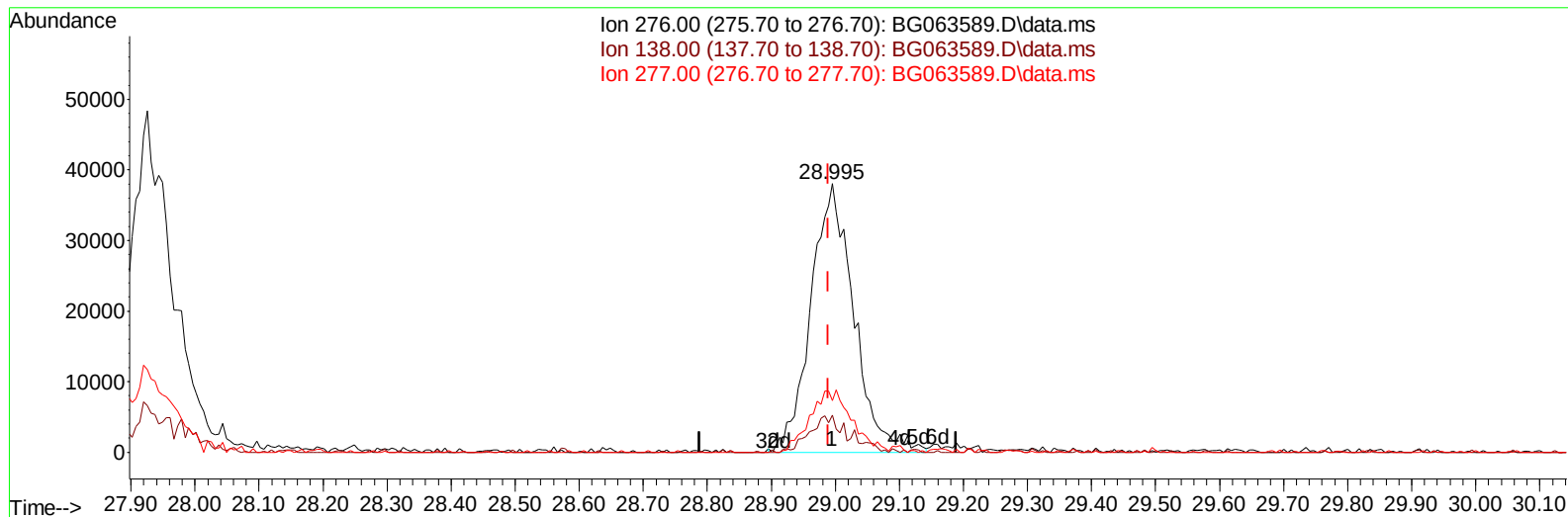
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120624\
Data File : BG063589.D
Acq On : 6 Dec 2024 10:09
Operator : RC/JU
Sample : SSTD00582
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005424

Manual IntegrationsAPPROVED

Quant Time: Dec 06 14:18:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:14:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024



TIC: BG063589.D\data.ms

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

28.995min (+ 0.006) 4.98 ng/ul m

response 176979

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.20	13.83#
277.00	22.90	19.27
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120624\
 Data File : BG063589.D
 Acq On : 6 Dec 2024 10:09
 Operator : RC/JU
 Sample : SSTD00582
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD005424

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/10/2024

Supervised By :mohammad ahmed 12/10/2024

Quant Time: Dec 06 14:23:26 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 06 13:14:57 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	61221	20.000	ng/ul	0.00
20) Naphthalene-d8	10.611	136	246074	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.459	164	211561	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.215	188	619872	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	661135	20.000	ng/ul	0.00
88) Perylene-d12	24.512	264	684457	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	2350	1.553	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	7.356	132	17518	4.972	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.977	128	7634	4.440	ng/ul	0.00
24) 2-Nitrophenol-d4	9.700	143	9307	4.436	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.241	165	18095	4.377	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.872	166	74052	5.180	ng/ul	0.00
49) Acenaphthylene-d8	14.154	160	83295	5.138	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.458	176	76558	5.746	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.315	188	142440m	5.337	ng/ul	0.00
81) Pyrene-d10	19.612	212	184650	5.521	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.295	264	163328	4.950	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.319	88	3566	1.939	ng/ul#	84
12) 2-Chlorophenol	7.385	128	15220	4.080	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.613	70	22319	5.864	ng/ul	98
19) Hexachloroethane	8.895	117	9148	5.434	ng/ul	95
22) Nitrobenzene	9.013	77	32037	5.675	ng/ul	98
23) Isophorone	9.530	82	58860	5.725	ng/ul#	96
25) 2-Nitrophenol	9.729	139	8121m	3.858	ng/ul	
26) 2,4-Dimethylphenol	9.794	107	25329	5.389	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.017	93	25770	4.713	ng/ul#	96
29) 2,4-Dichlorophenol	10.270	162	19300	4.744	ng/ul	89
30) Naphthalene	10.658	128	62838	5.067	ng/ul	97
33) Hexachlorobutadiene	10.946	225	19627	5.165	ng/ul	93
35) 4-Chloro-3-methylphenol	11.915	107	23135	5.304	ng/ul#	93
36) 2-Methylnaphthalene	12.273	142	47278	5.265	ng/ul	92
37) 1-Methylnaphthalene	12.497	142	49148	5.221	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.650	216	41660	5.509	ng/ul#	89
41) 2,4,6-Trichlorophenol	12.896	196	16944	4.161	ng/ul	91
42) 2,4,5-Trichlorophenol	12.979	196	19258m	4.625	ng/ul	
43) 1,1'-Biphenyl	13.290	154	71475	5.134	ng/ul	96
44) 2-Chloronaphthalene	13.331	162	56128	5.105	ng/ul#	86
45) 2-Nitroaniline	13.543	65	15271	4.428	ng/ul#	90
47) Dimethylphthalate	13.919	163	76401	5.408	ng/ul#	98
48) 2,6-Dinitrotoluene	14.042	165	13372	4.784	ng/ul#	88

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120624\
 Data File : BG063589.D
 Acq On : 6 Dec 2024 10:09
 Operator : RC/JU
 Sample : SSTD00582
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005424

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

Quant Time: Dec 06 14:23:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 06 13:14:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.183	152	88538	5.395	ng/ul	97
52) Acenaphthene	14.524	153	62860	5.275	ng/ul	99
56) Dibenzofuran	14.865	168	97429	5.605	ng/ul	99
57) 2,4-Dinitrotoluene	14.835	165	19985	4.645	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.100	232	15867	4.006	ng/ul#	86
59) Diethylphthalate	15.282	149	69950	4.933	ng/ul	94
61) Fluorene	15.517	166	80935	5.482	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.511	204	52508	5.876	ng/ul#	89
67) N-Nitrosodiphenylamine	15.722	169	62735	4.379	ng/ul#	85
68) 4-Bromophenyl-phenylether	16.404	248	36223	5.291	ng/ul	96
69) Hexachlorobenzene	16.521	284	39300	5.401	ng/ul#	90
72) Phenanthrene	17.256	178	155746	5.346	ng/ul	94
74) Anthracene	17.350	178	155196	5.199	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.261	216	42787	4.839	ng/ul	95
76) Pentachlorobenzene	14.788	250	42046	4.801	ng/ul	88
78) Di-n-butylphthalate	18.184	149	130260	4.715	ng/ul	98
80) Fluoranthene	19.283	202	213702	5.841	ng/ul	97
82) Pyrene	19.641	202	217889	5.536	ng/ul	98
83) Butylbenzylphthalate	20.540	149	42913	3.697	ng/ul	95
85) Benzo(a)anthracene	21.451	228	224960	5.312	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.369	149	62105	3.612	ng/ul	95
87) Chrysene	21.516	228	209694	5.316	ng/ul	98
90) Benzo(b)fluoranthene	23.549	252	209648	5.116	ng/ul#	99
91) Benzo(k)fluoranthene	23.613	252	216157	5.345	ng/ul	99
93) Benzo(a)pyrene	24.359	252	189836	4.969	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.926	276	225933m	4.825	ng/ul	
95) Dibenzo(a,h)anthracene	27.979	278	184634m	4.835	ng/ul	
96) Benzo(g,h,i)perylene	28.995	276	176979m	4.979	ng/ul	

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

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 BNA_G
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 SSTD005424

Manual IntegrationsAPPROVED

Quant Time: Dec 06 14:23:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
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Reviewed By :Yogesh Patel 12/10/2024
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