

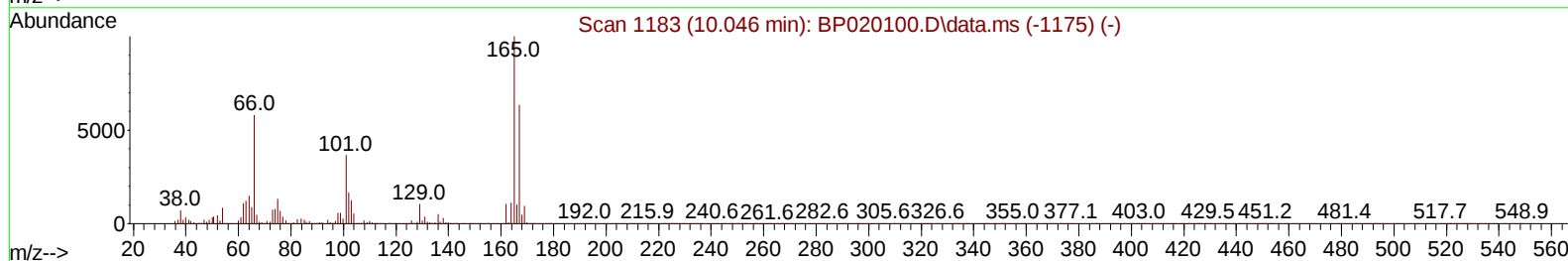
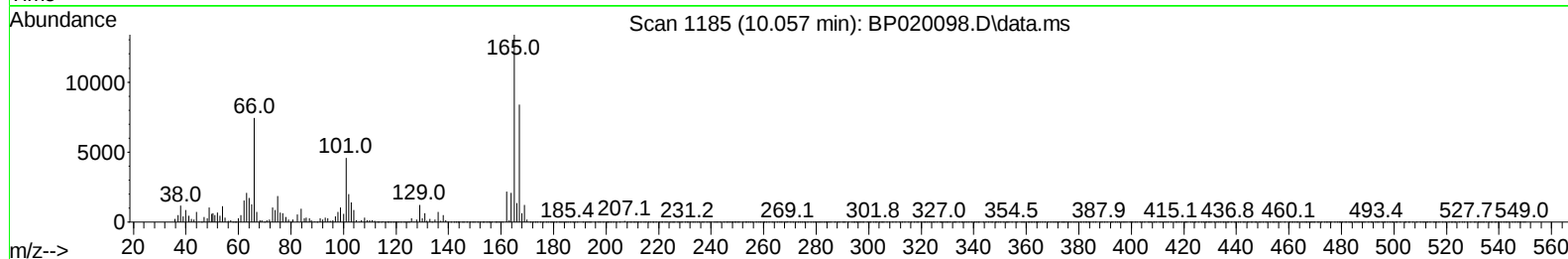
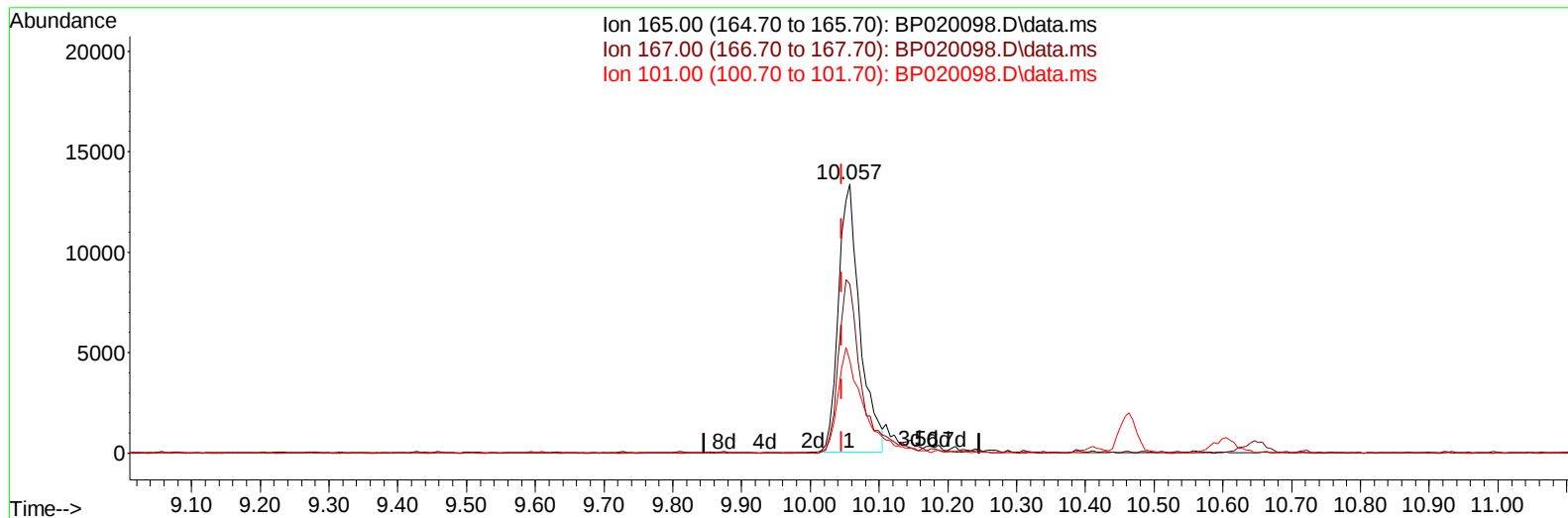
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020098.D
Acq On : 23 Apr 2024 10:06
Operator : MA/JU
Sample : SST00594
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005616

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 00:05:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 14:20:59 2024
Response via : Initial Calibration



TIC: BP020098.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.057min (+ 0.012) 4.37 ng/u1

response 29032

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	63.40	62.76
101.00	36.60	34.37
0.00	0.00	0.00

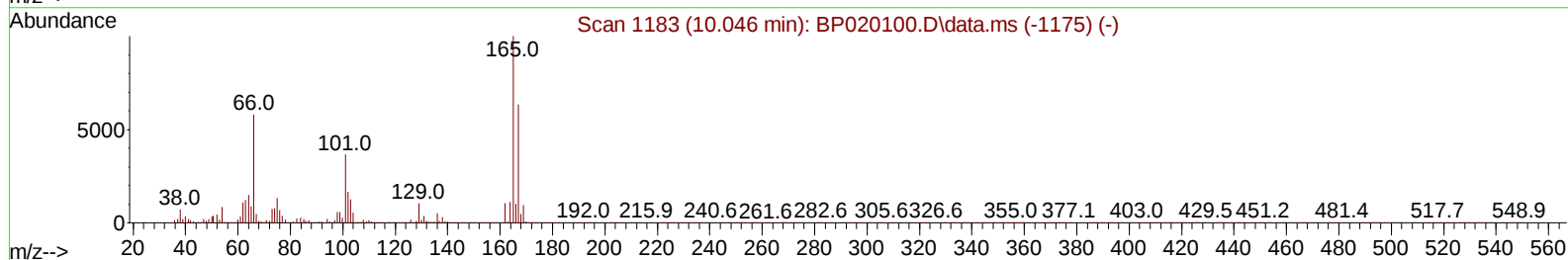
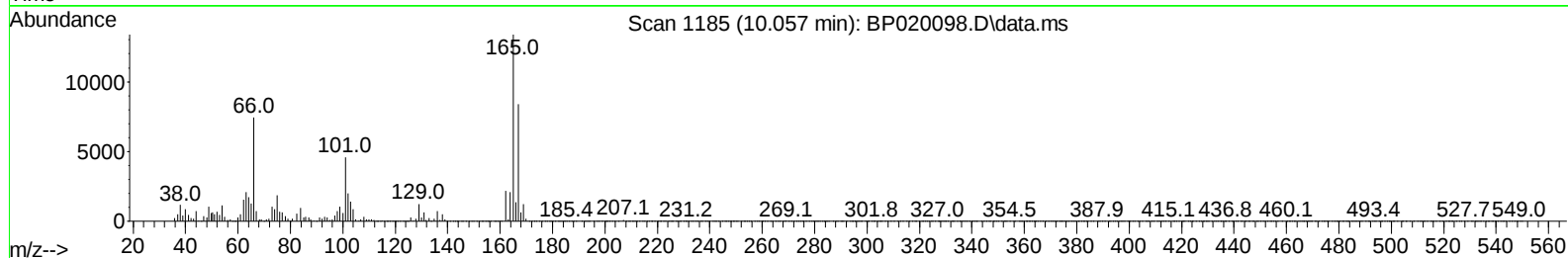
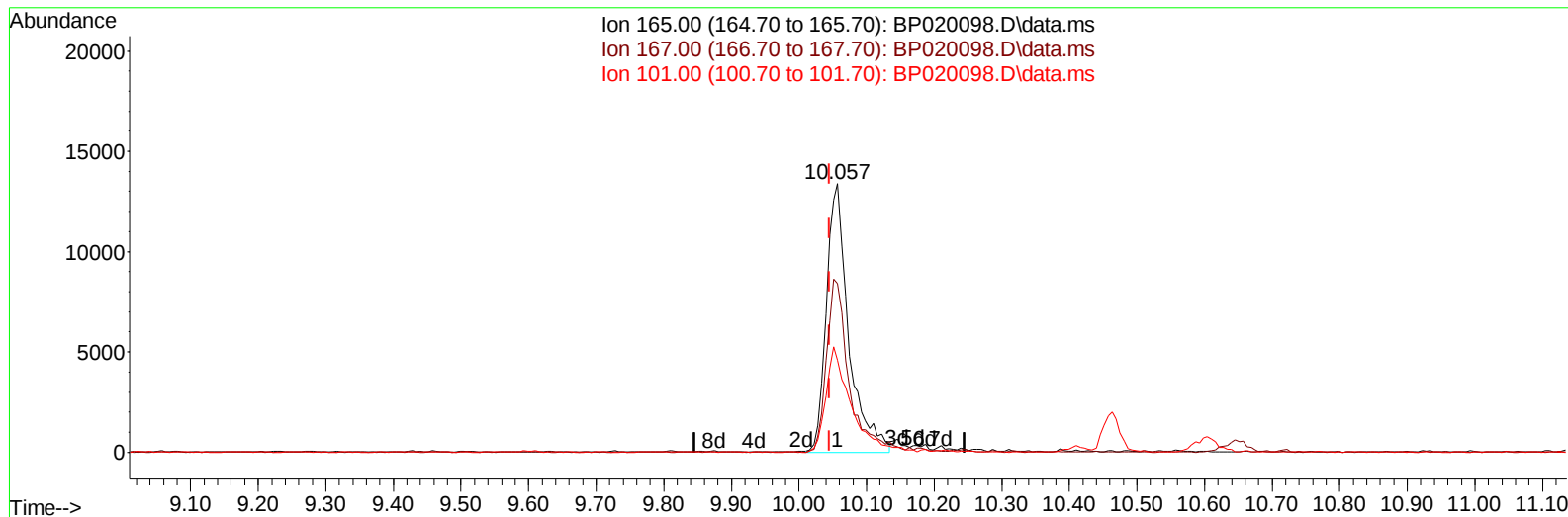
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020098.D
Acq On : 23 Apr 2024 10:06
Operator : MA/JU
Sample : SST00594
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005616

Manual IntegrationsAPPROVED

Quant Time: Apr 24 00:05:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 14:20:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BP020098.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.057min (+ 0.012) 4.63 ng/ul m

response 30754

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	63.40	62.76
101.00	36.60	34.37
0.00	0.00	0.00

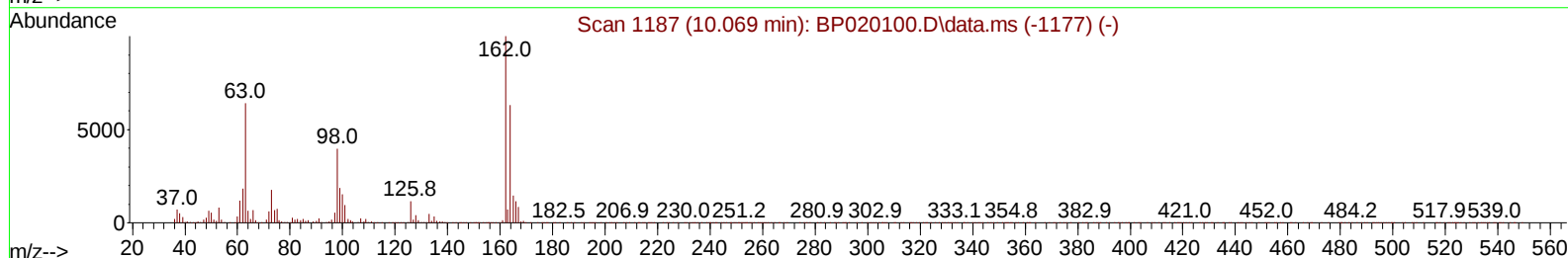
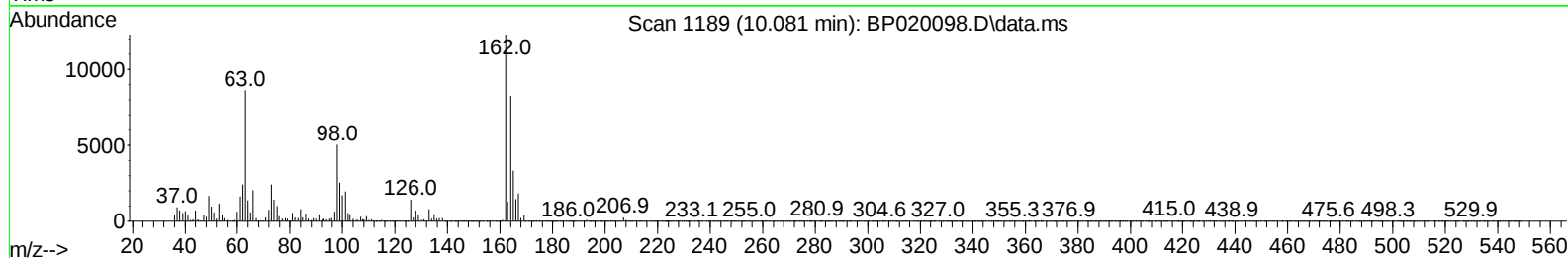
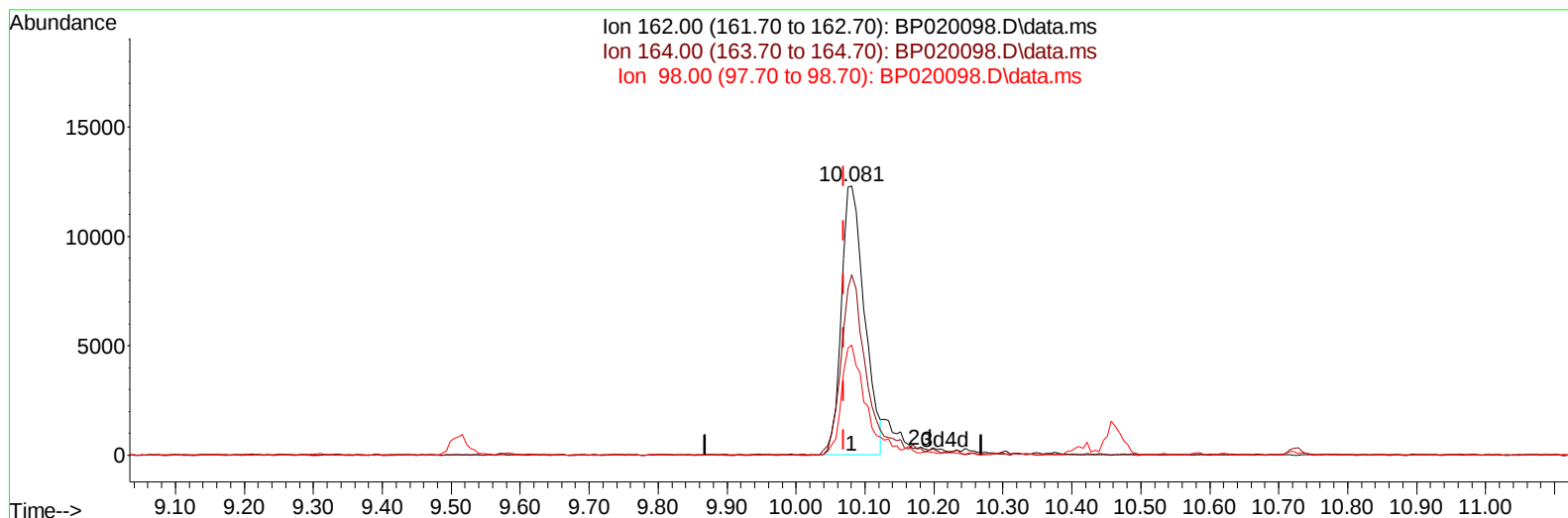
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020098.D
 Acq On : 23 Apr 2024 10:06
 Operator : MA/JU
 Sample : SST00594
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST005616

Manual IntegrationsAPPROVED

Quant Time: Apr 24 00:13:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 14:20:59 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



TIC: BP020098.D\data.ms

(29) 2,4-Dichlorophenol (C)

10.081min (+ 0.012) 4.41 ng/ul

response 28494

Ion	Exp%	Act%
162.00	100.00	100.00
164.00	63.10	67.15
98.00	39.70	40.98
0.00	0.00	0.00

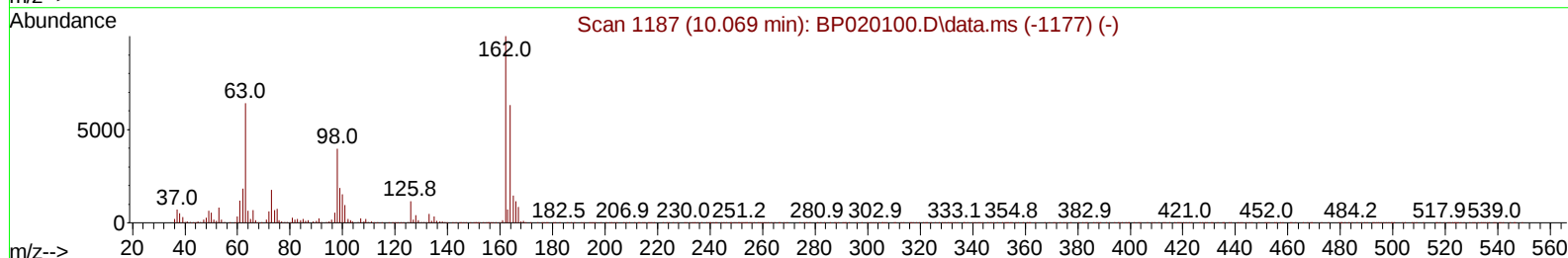
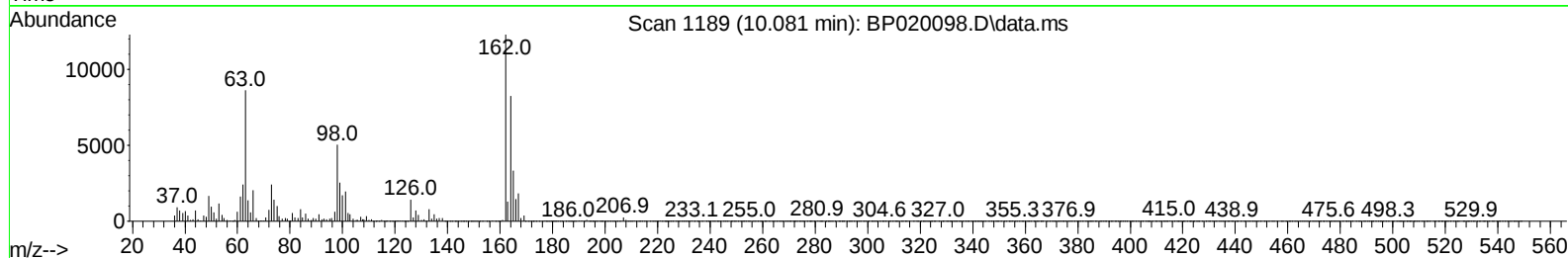
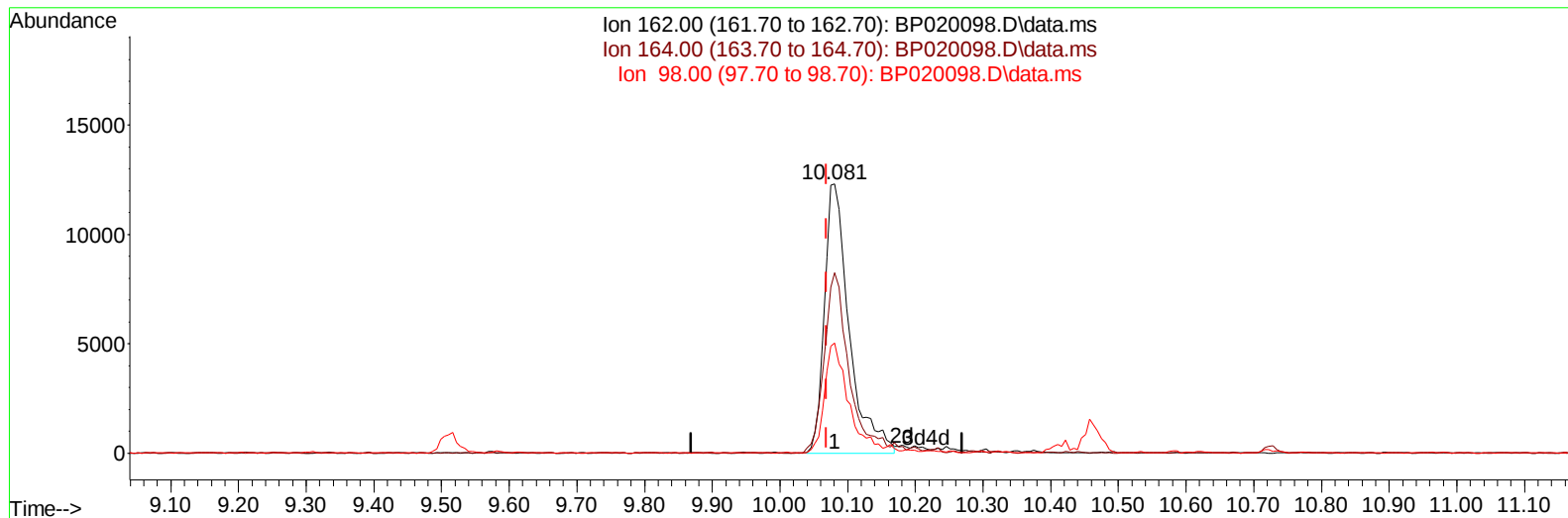
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020098.D
Acq On : 23 Apr 2024 10:06
Operator : MA/JU
Sample : SST00594
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005616

Manual IntegrationsAPPROVED

Quant Time: Apr 24 00:13:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 14:20:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BP020098.D\data.ms

(29) 2,4-Dichlorophenol (C)

10.081min (+ 0.012) 4.84 ng/ul m

response 31250

Ion	Exp%	Act%
162.00	100.00	100.00
164.00	63.10	67.15
98.00	39.70	40.98
0.00	0.00	0.00

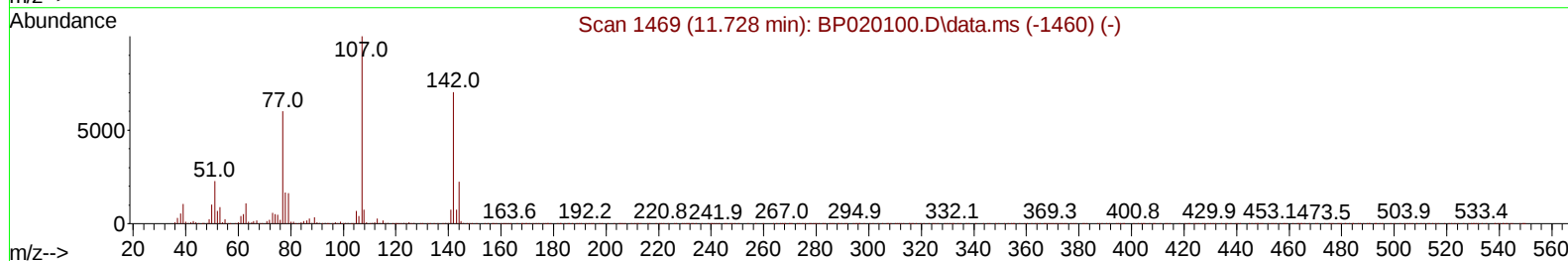
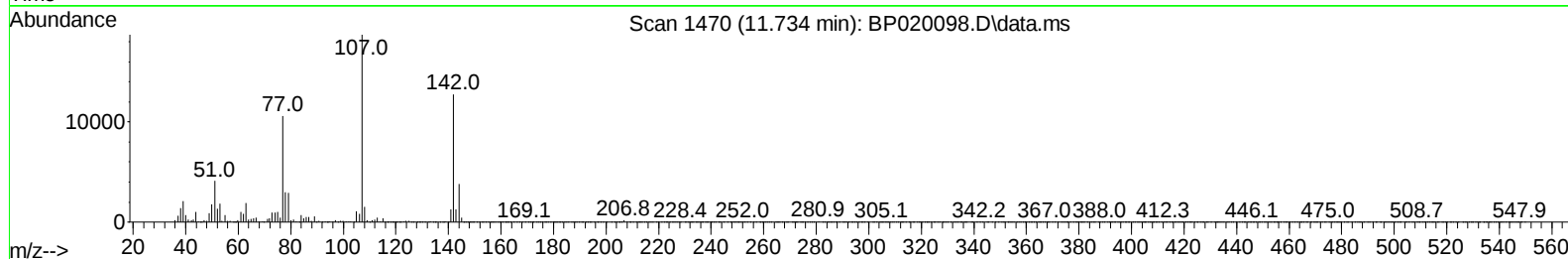
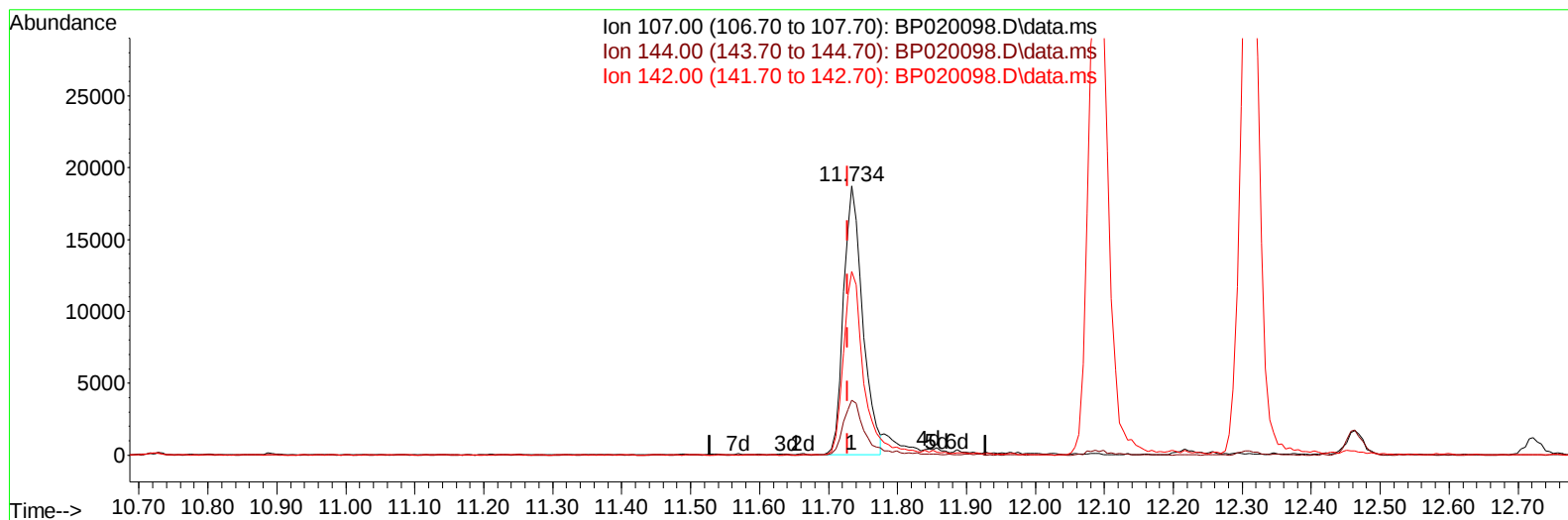
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020098.D
Acq On : 23 Apr 2024 10:06
Operator : MA/JU
Sample : SST00594
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005616

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 00:13:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 14:20:59 2024
Response via : Initial Calibration



TIC: BP020098.D\data.ms

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

11.734min (+ 0.006) 4.88 ng/u1

response 35967

Ion	Exp%	Act%
107.00	100.00	100.00
144.00	22.40	20.34
142.00	70.30	68.16
0.00	0.00	0.00

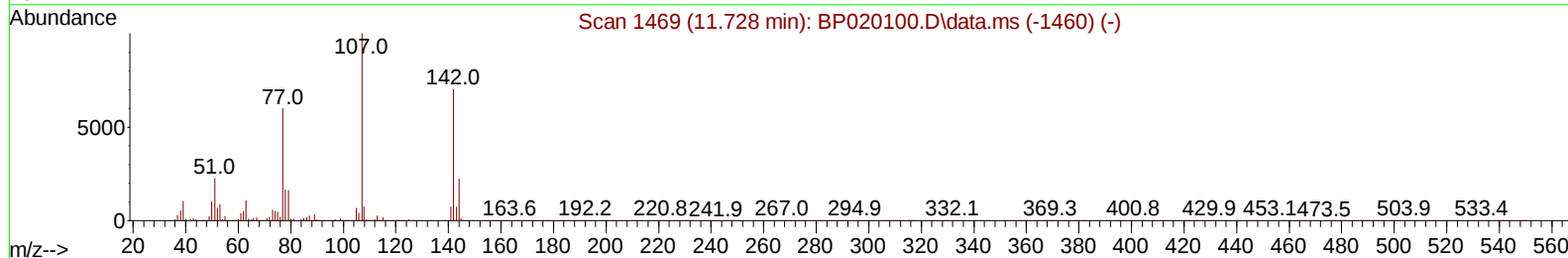
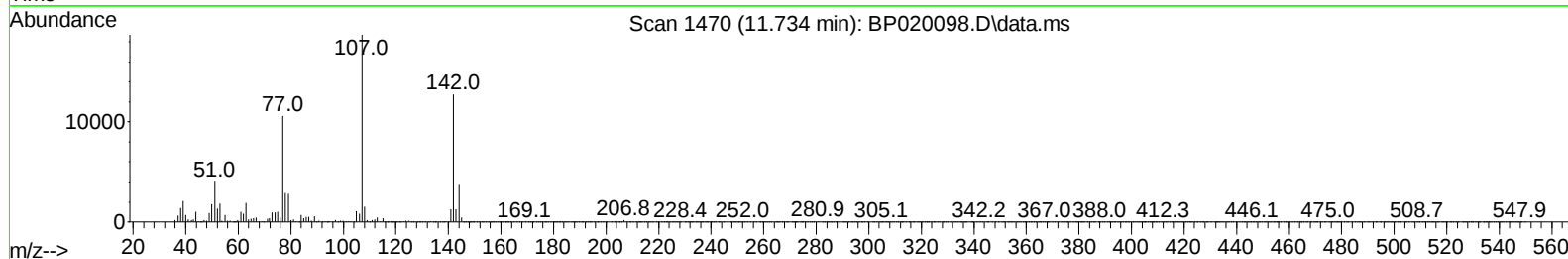
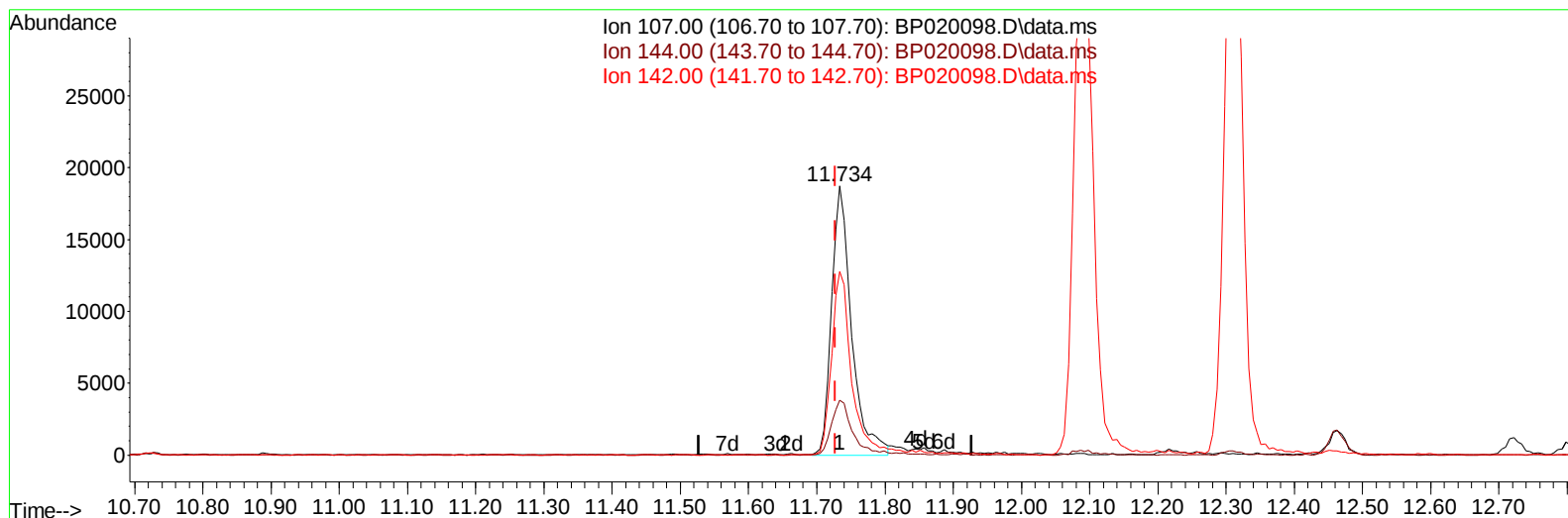
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020098.D
 Acq On : 23 Apr 2024 10:06
 Operator : MA/JU
 Sample : SST00594
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST005616

Manual IntegrationsAPPROVED

Quant Time: Apr 24 00:13:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 14:20:59 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



TIC: BP020098.D\data.ms

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

11.734min (+ 0.006) 5.15 ng/ul m

response 37964

Ion	Exp%	Act%
107.00	100.00	100.00
144.00	22.40	20.34
142.00	70.30	68.16
0.00	0.00	0.00

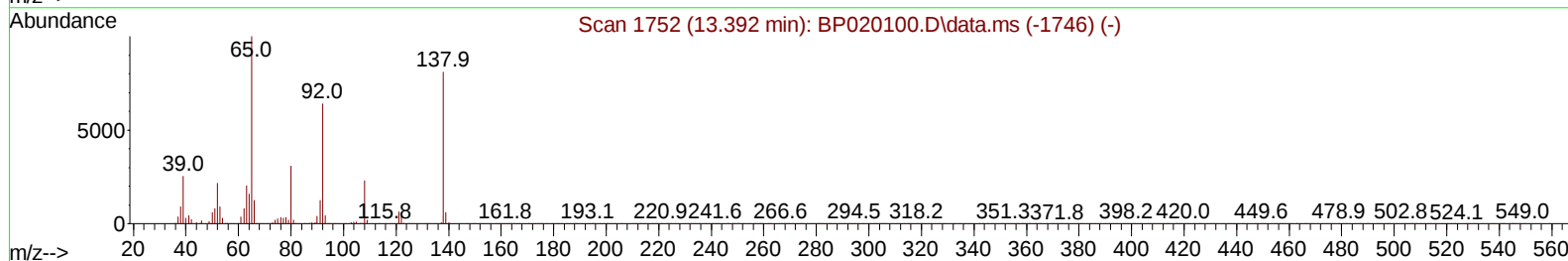
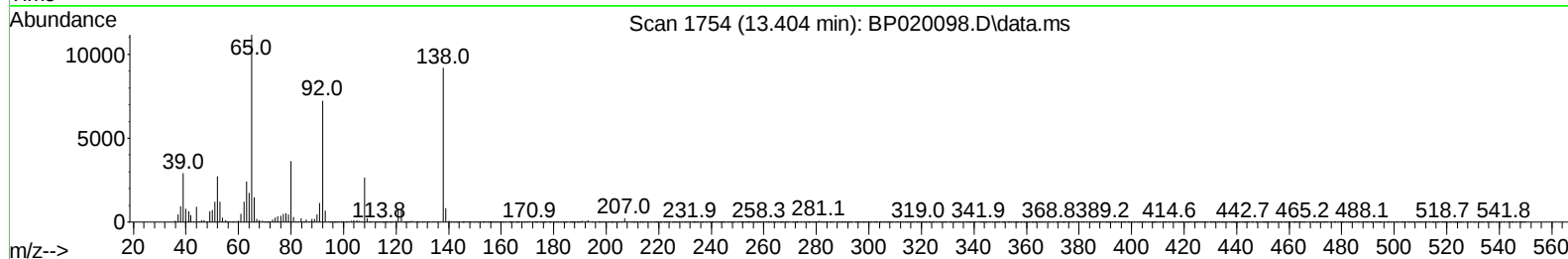
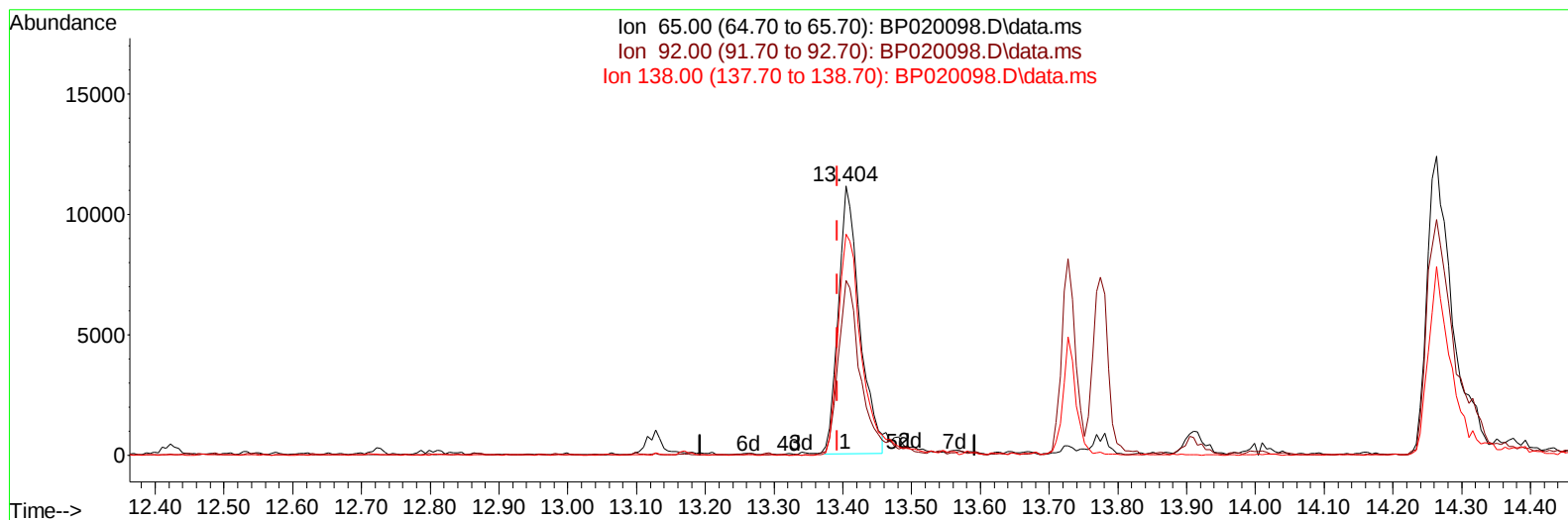
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020098.D
 Acq On : 23 Apr 2024 10:06
 Operator : MA/JU
 Sample : SST00594
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST005616

Manual IntegrationsAPPROVED

Quant Time: Apr 24 00:14:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 14:20:59 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



TIC: BP020098.D\data.ms

(45) 2-Nitroaniline

13.404min (+ 0.012) 4.22 ng/ul

response 24061

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	64.10	64.87
138.00	81.00	82.26
0.00	0.00	0.00

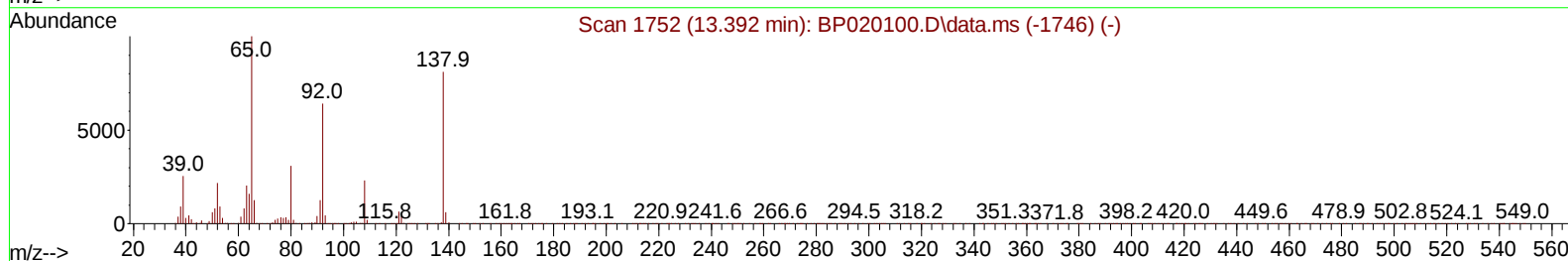
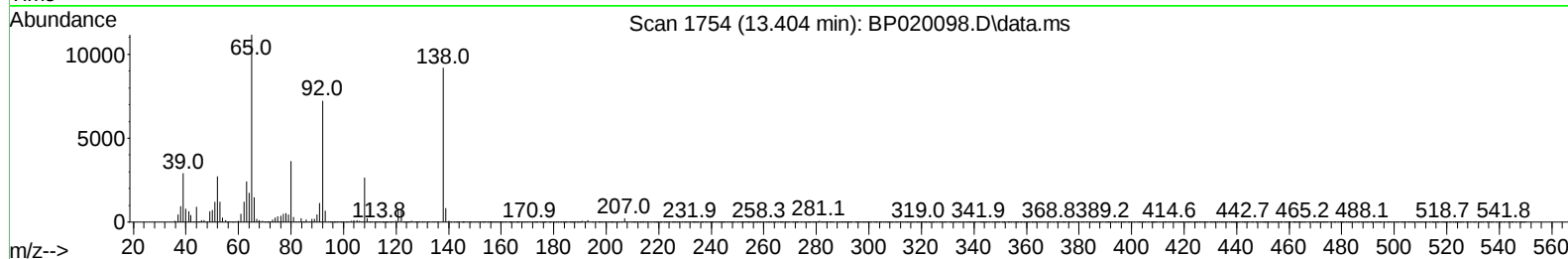
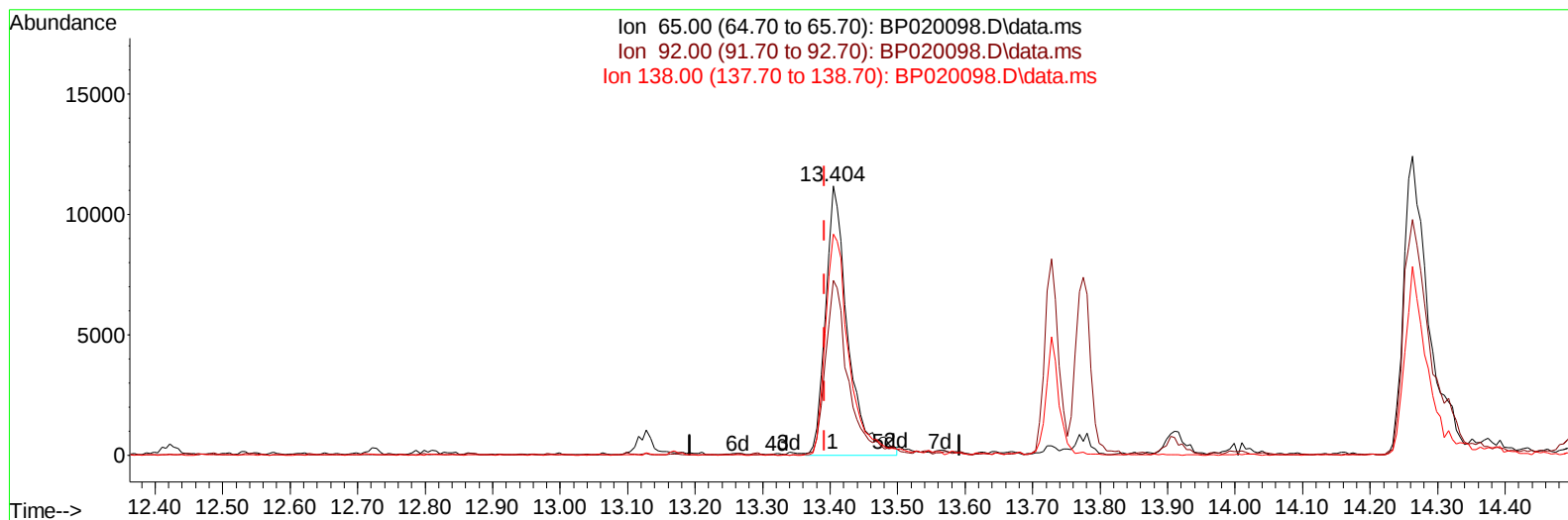
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020098.D
 Acq On : 23 Apr 2024 10:06
 Operator : MA/JU
 Sample : SST00594
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST005616

Manual IntegrationsAPPROVED

Quant Time: Apr 24 00:14:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 14:20:59 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



TIC: BP020098.D\data.ms

(45) 2-Nitroaniline

13.404min (+ 0.012) 4.53 ng/ul m

response 25820

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	64.10	64.87
138.00	81.00	82.26
0.00	0.00	0.00

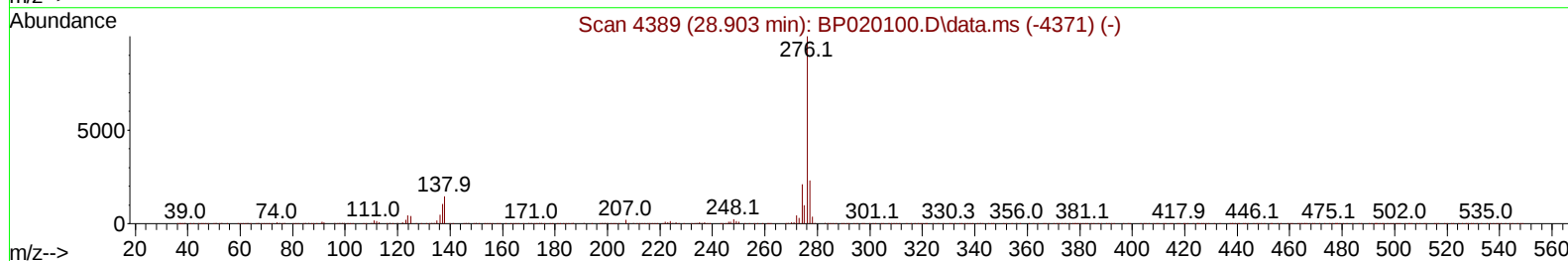
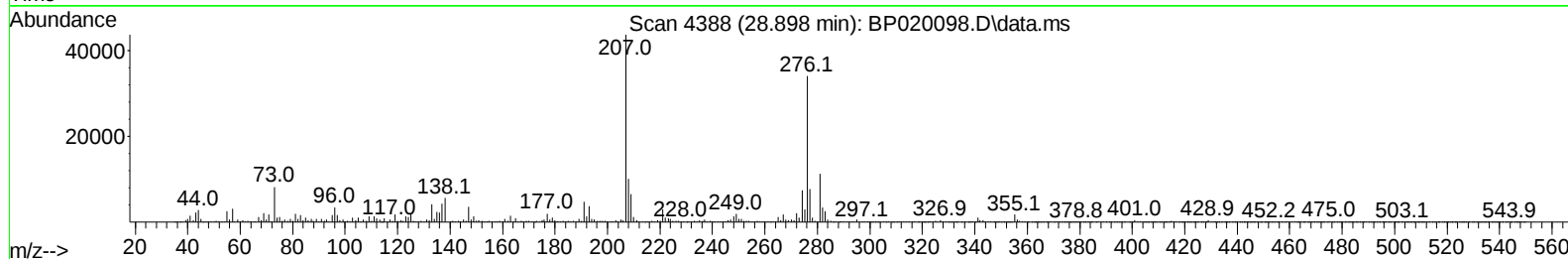
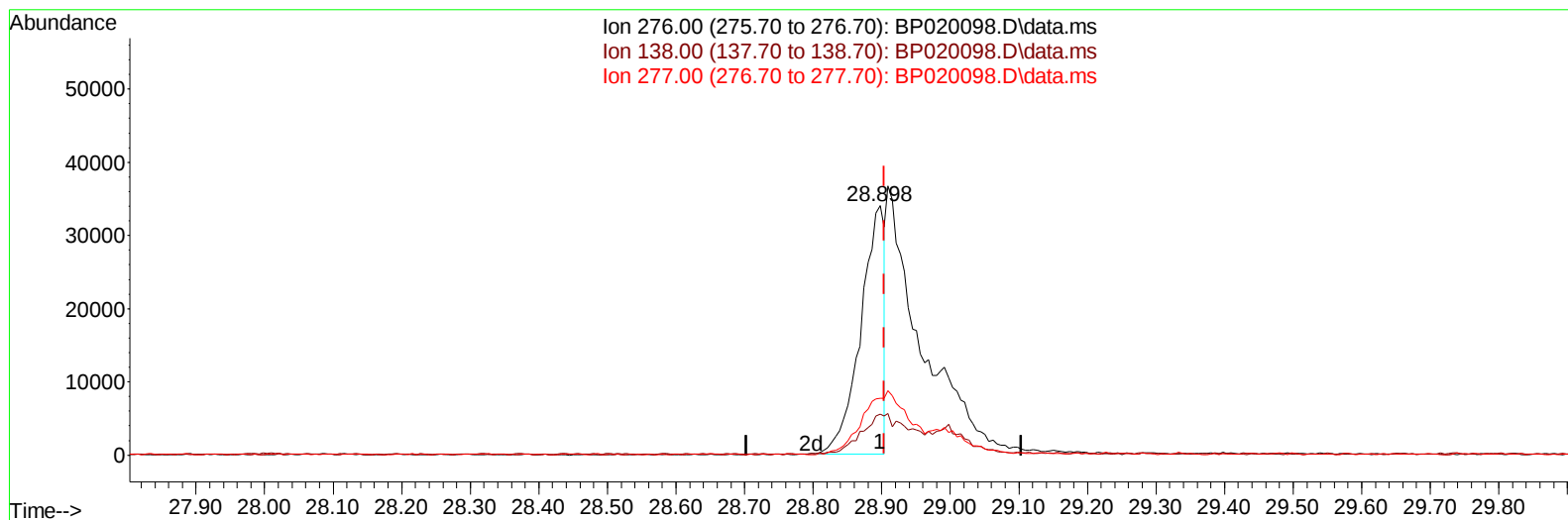
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020098.D
 Acq On : 23 Apr 2024 10:06
 Operator : MA/JU
 Sample : SSTD00594
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005616

Manual IntegrationsAPPROVED

Quant Time: Apr 24 00:14:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 14:20:59 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



TIC: BP020098.D\data.ms

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

28.898min (-0.006) 1.81 ng/u1

response 81982

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.60	16.54
277.00	23.00	22.81
0.00	0.00	0.00

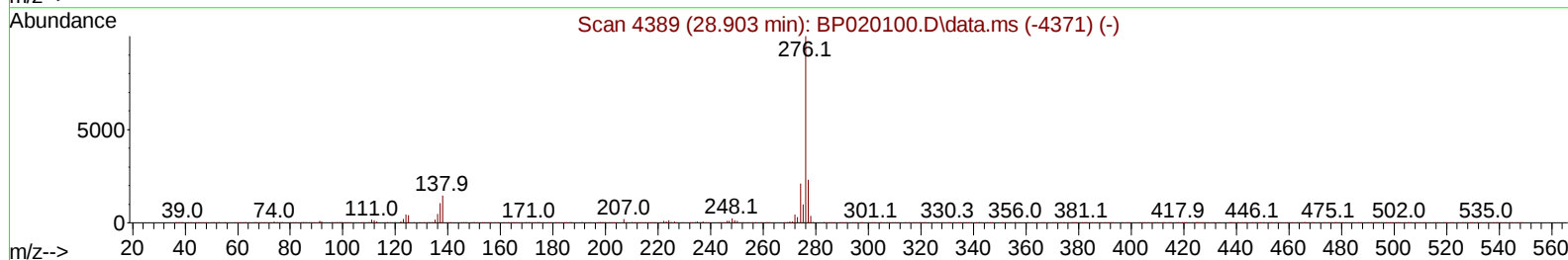
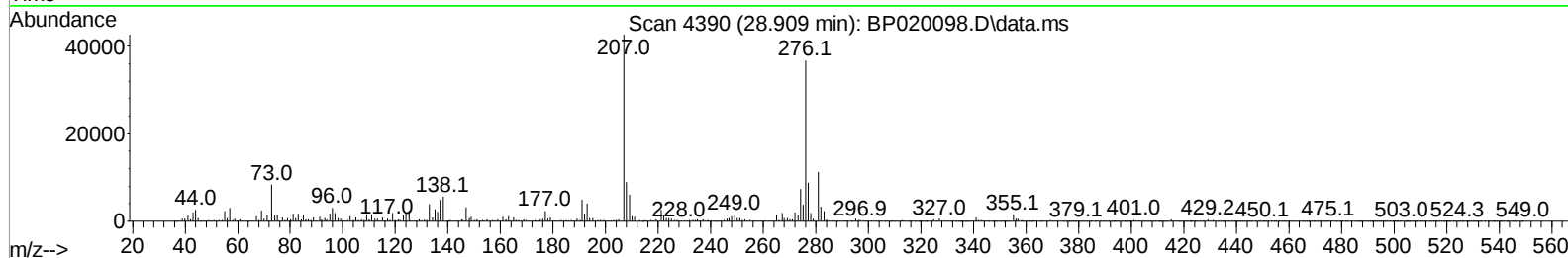
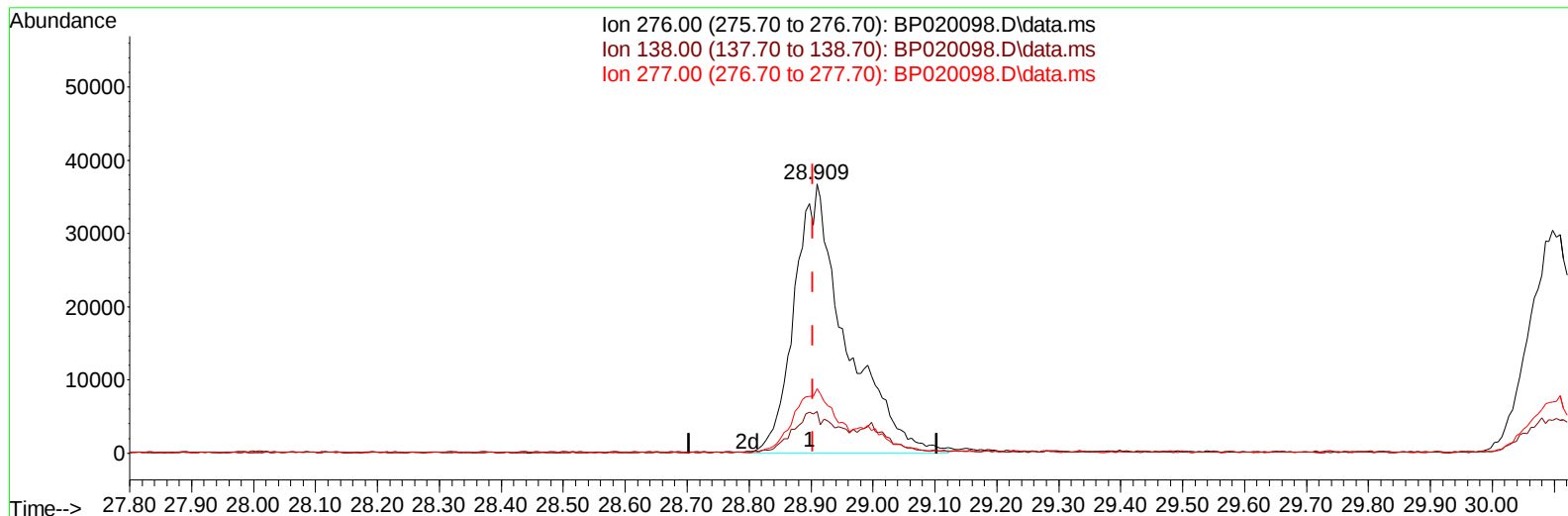
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020098.D
Acq On : 23 Apr 2024 10:06
Operator : MA/JU
Sample : SSTD00594
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005616

Manual IntegrationsAPPROVED

Quant Time: Apr 24 00:14:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 14:20:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BP020098.D\data.ms

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

28.909min (+ 0.006) 4.70 ng/u1 m

response 212719

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.60	15.43
277.00	23.00	23.95
0.00	0.00	0.00

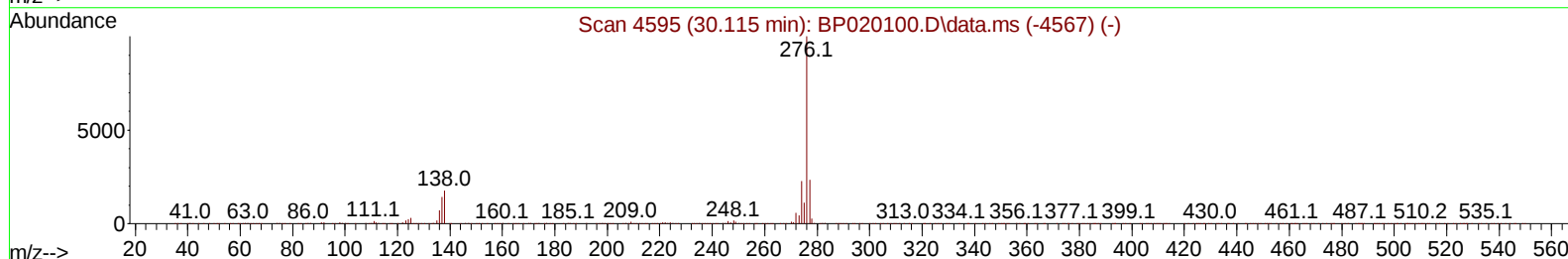
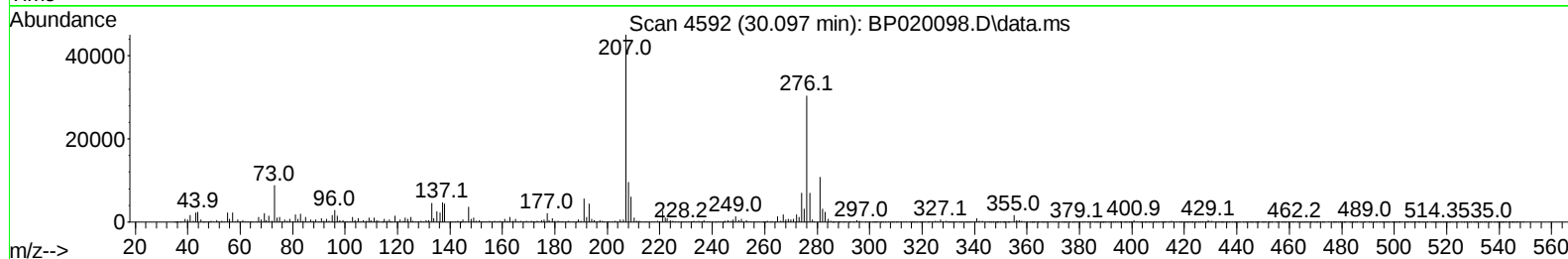
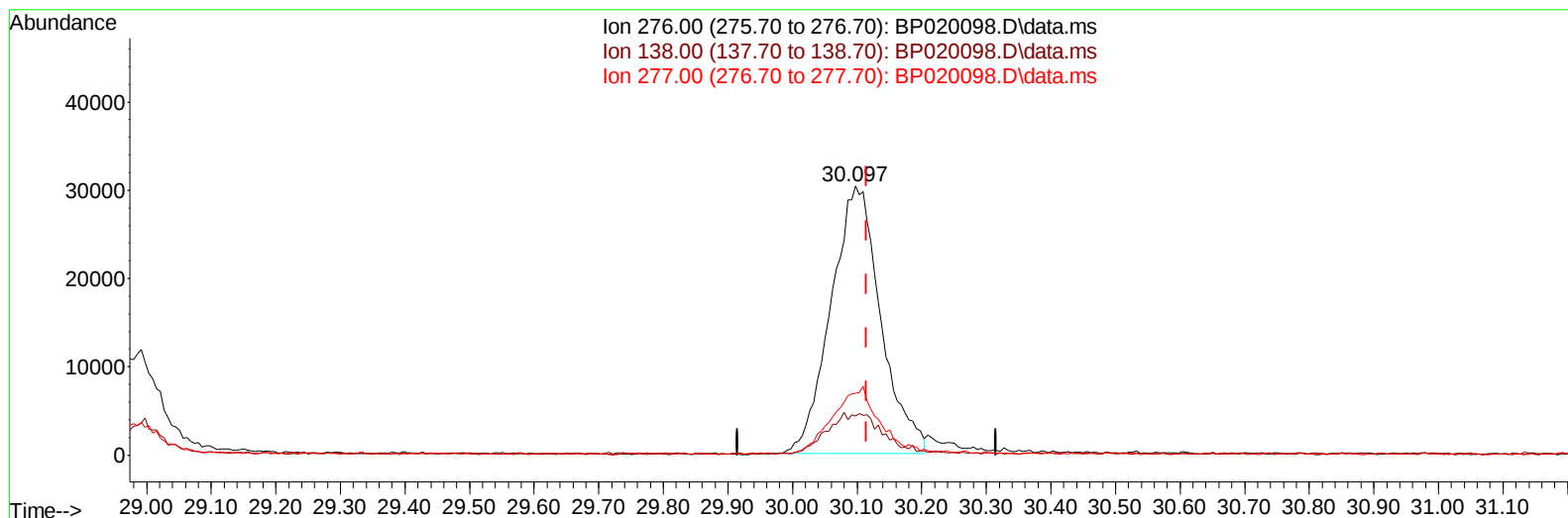
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020098.D
Acq On : 23 Apr 2024 10:06
Operator : MA/JU
Sample : SSTD00594
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005616

Manual IntegrationsAPPROVED

Quant Time: Apr 24 00:14:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 14:20:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BP020098.D\data.ms

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

30.097min (-0.018) 4.58 ng/u1

response 162635

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.80	14.54
277.00	23.40	22.93
0.00	0.00	0.00

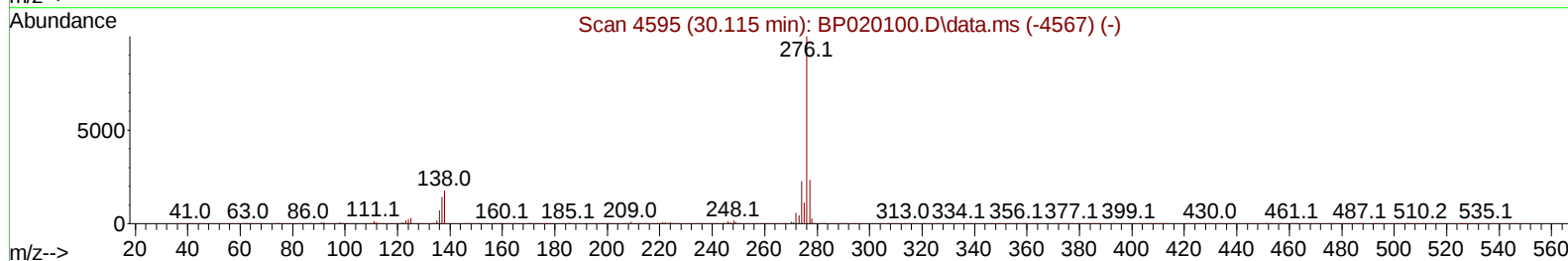
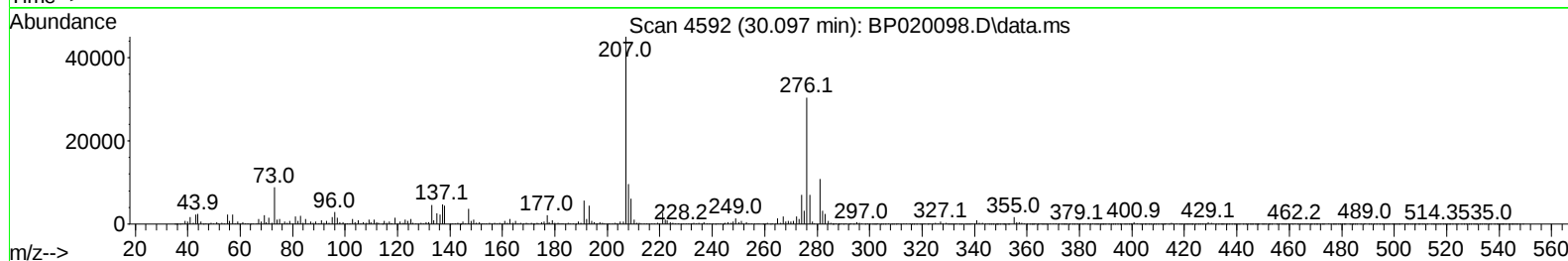
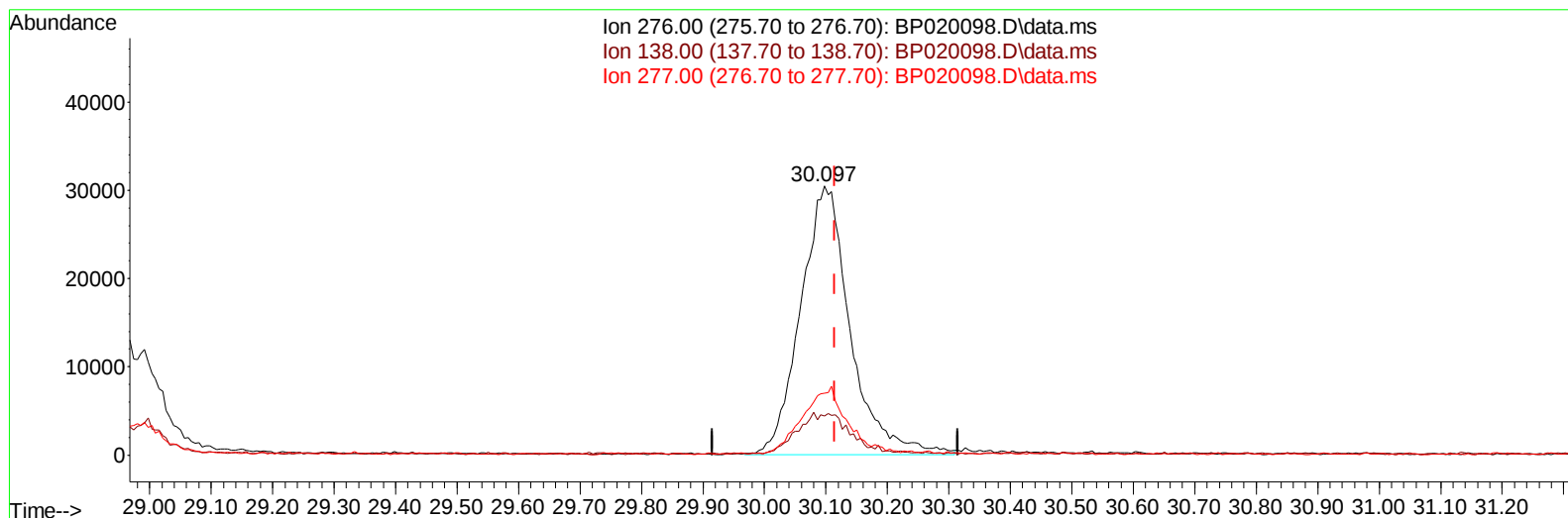
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
Data File : BP020098.D
Acq On : 23 Apr 2024 10:06
Operator : MA/JU
Sample : SSTD00594
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005616

Manual IntegrationsAPPROVED

Quant Time: Apr 24 00:14:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 14:20:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BP020098.D\data.ms

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

30.097min (-0.018) 4.82 ng/ul m

response 171136

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.80	14.54
277.00	23.40	22.93
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020098.D
 Acq On : 23 Apr 2024 10:06
 Operator : MA/JU
 Sample : SSTD00594
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005616

Manual IntegrationsAPPROVED

Quant Time: Apr 24 00:16:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 14:20:59 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	99115	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	422399	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	300802	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	666240	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	610167	20.000	ng/ul	0.00
88) Perylene-d12	25.045	264	668253	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	4320	1.980	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	7.181	132	29317	4.878	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.799	128	13355	4.247	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	15824	4.356	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	30754m	4.633	ng/ul	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.728	166	100933	4.802	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	119629	4.849	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.345	176	89902	4.956	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.263	188	141698	4.802	ng/ul	0.00
81) Pyrene-d10	19.663	212	167214	4.816	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.815	264	157216	4.839	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	5469	2.172	ng/ul#	79
12) 2-Chlorophenol	7.210	128	29724	4.772	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.440	70	29334	4.931	ng/ul	94
19) Hexachloroethane	8.687	117	14782	4.847	ng/ul	97
22) Nitrobenzene	8.840	77	43136	4.504	ng/ul	98
23) Isophorone	9.357	82	82251	4.756	ng/ul	98
25) 2-Nitrophenol	9.546	139	16587	4.408	ng/ul	97
26) 2,4-Dimethylphenol	9.599	107	38885	4.741	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.846	93	45962	4.648	ng/ul	100
29) 2,4-Dichlorophenol	10.081	162	31250m	4.837	ng/ul	
30) Naphthalene	10.463	128	108275	4.937	ng/ul	100
33) Hexachlorobutadiene	10.728	225	26566	4.770	ng/ul	98
35) 4-Chloro-3-methylphenol	11.734	107	37964m	5.149	ng/ul	
36) 2-Methylnaphthalene	12.087	142	74638	5.145	ng/ul	95
37) 1-Methylnaphthalene	12.310	142	75688	5.241	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	47686	4.531	ng/ul	96
41) 2,4,6-Trichlorophenol	12.722	196	27875	4.418	ng/ul	92
42) 2,4,5-Trichlorophenol	12.810	196	28477	4.351	ng/ul	96
43) 1,1'-Biphenyl	13.128	154	100952	4.638	ng/ul	98
44) 2-Chloronaphthalene	13.169	162	82244	4.666	ng/ul	97
45) 2-Nitroaniline	13.404	65	25820m	4.530	ng/ul	
47) Dimethylphthalate	13.775	163	101364	4.740	ng/ul	96
48) 2,6-Dinitrotoluene	13.910	165	19386	4.535	ng/ul	86

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020098.D
 Acq On : 23 Apr 2024 10:06
 Operator : MA/JU
 Sample : SSTD00594
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005616

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 00:16:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 14:20:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.034	152	135060	4.895	ng/ul	98
52) Acenaphthene	14.381	153	89484	4.926	ng/ul	98
56) Dibenzofuran	14.734	168	124116	4.937	ng/ul	97
57) 2,4-Dinitrotoluene	14.734	165	27772	4.581	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	14.975	232	29106	4.985	ng/ul	96
59) Diethylphthalate	15.181	149	102895	4.892	ng/ul	97
61) Fluorene	15.404	166	104364	5.050	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	56038	4.990	ng/ul	98
67) N-Nitrosodiphenylamine	15.628	169	85625	4.876	ng/ul	99
68) 4-Bromophenyl-phenylether	16.328	248	34174	4.706	ng/ul	98
69) Hexachlorobenzene	16.428	284	39830	4.844	ng/ul	96
72) Phenanthrene	17.204	178	165588	4.847	ng/ul	100
74) Anthracene	17.304	178	169150	4.874	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.081	216	48592	4.510	ng/uL	98
76) Pentachlorobenzene	14.639	250	47718	4.784	ng/uL	99
78) Di-n-butylphthalate	18.192	149	175046	4.737	ng/ul	99
80) Fluoranthene	19.310	202	197989	4.898	ng/ul	99
82) Pyrene	19.692	202	203508	4.831	ng/ul	99
83) Butylbenzylphthalate	20.669	149	79544	4.695	ng/ul	96
85) Benzo(a)anthracene	21.639	228	203532	4.811	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149	119642	4.803	ng/ul	99
87) Chrysene	21.710	228	184404	4.712	ng/ul	98
90) Benzo(b)fluoranthene	23.968	252	190202	4.703	ng/ul	99
91) Benzo(k)fluoranthene	24.045	252	190782	4.816	ng/ul	98
93) Benzo(a)pyrene	24.886	252	179279	4.742	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.909	276	212719m	4.702	ng/ul	
95) Dibenzo(a,h)anthracene	28.992	278	167375	4.505	ng/ul	98
96) Benzo(g,h,i)perylene	30.097	276	171136m	4.820	ng/ul	

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

