

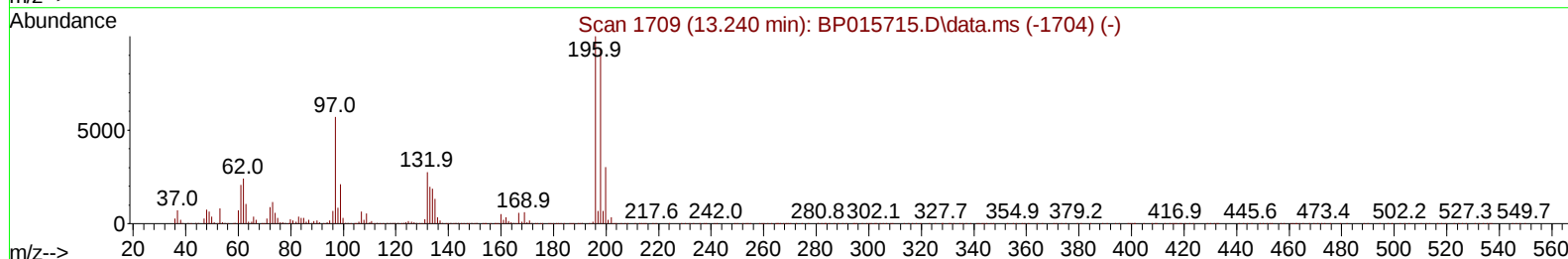
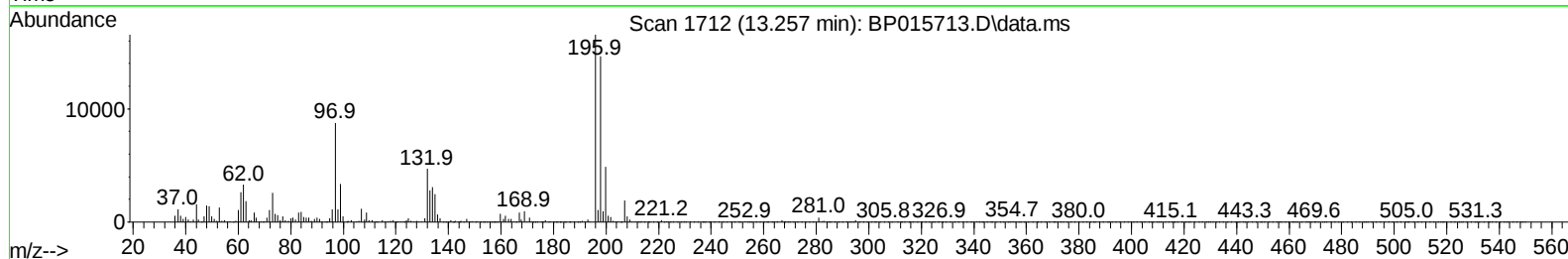
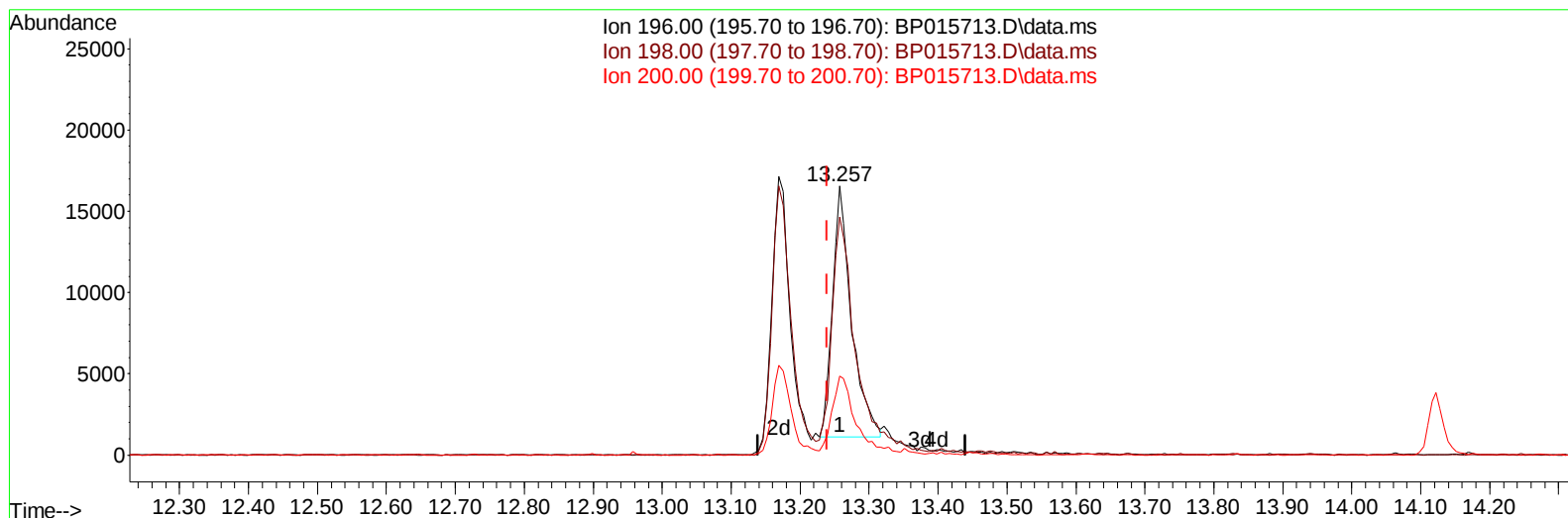
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015713.D
 Acq On : 26 Jun 2023 14:29
 Operator : MA/JU
 Sample : SST00589
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST005632

Manual IntegrationsAPPROVED

Quant Time: Jun 27 00:09:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 23:54:28 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023



TIC: BP015713.D\data.ms

(42) 2,4,5-Trichlorophenol

13.257min (+ 0.018) 3.57 ng/u1

response 29468

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	93.60	88.52
200.00	30.40	29.42
0.00	0.00	0.00

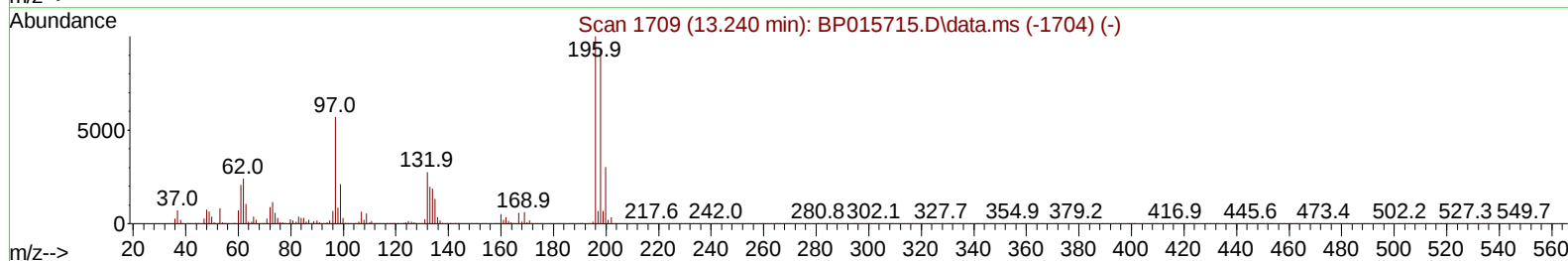
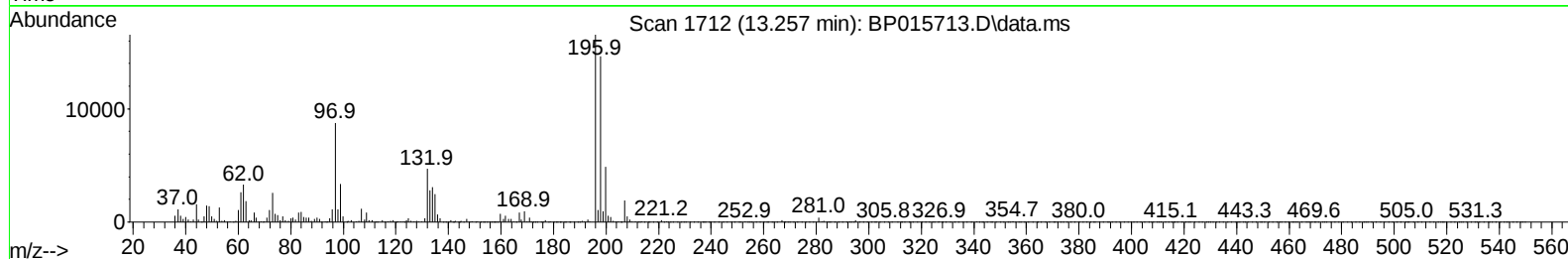
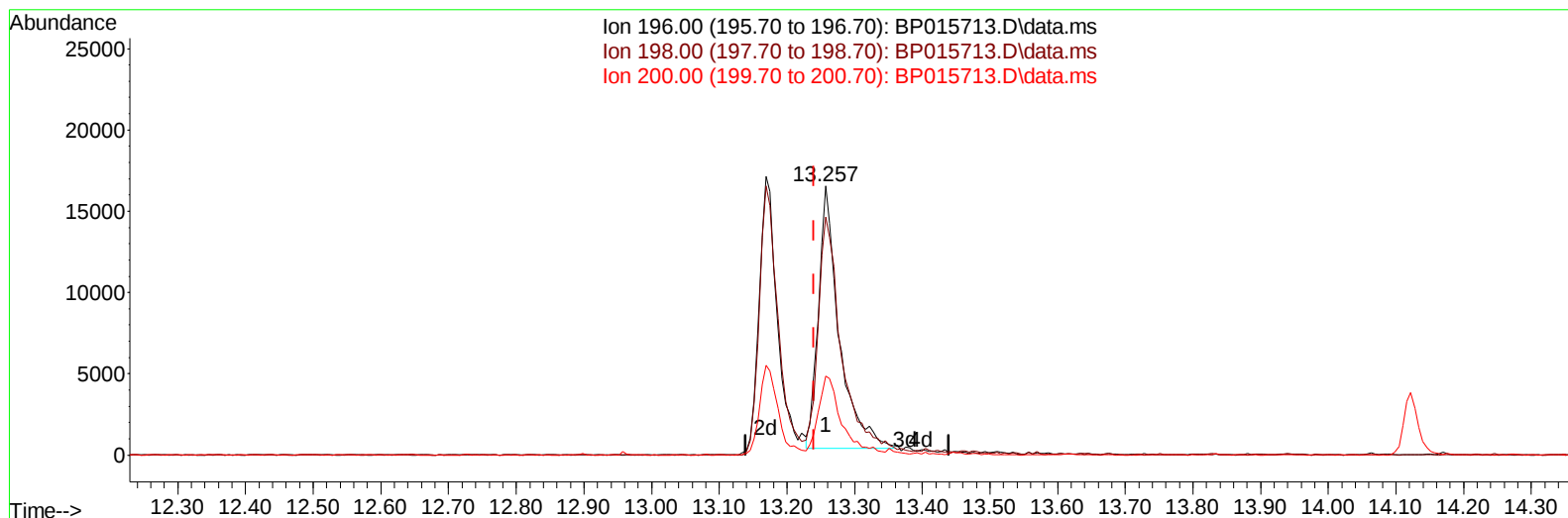
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015713.D
 Acq On : 26 Jun 2023 14:29
 Operator : MA/JU
 Sample : SSTD00589
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005632

Manual IntegrationsAPPROVED

Quant Time: Jun 27 00:09:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 23:54:28 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023



TIC: BP015713.D\data.ms

(42) 2,4,5-Trichlorophenol

13.257min (+ 0.018) 4.18 ng/ul m

response 34511

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	93.60	88.52
200.00	30.40	29.42
0.00	0.00	0.00

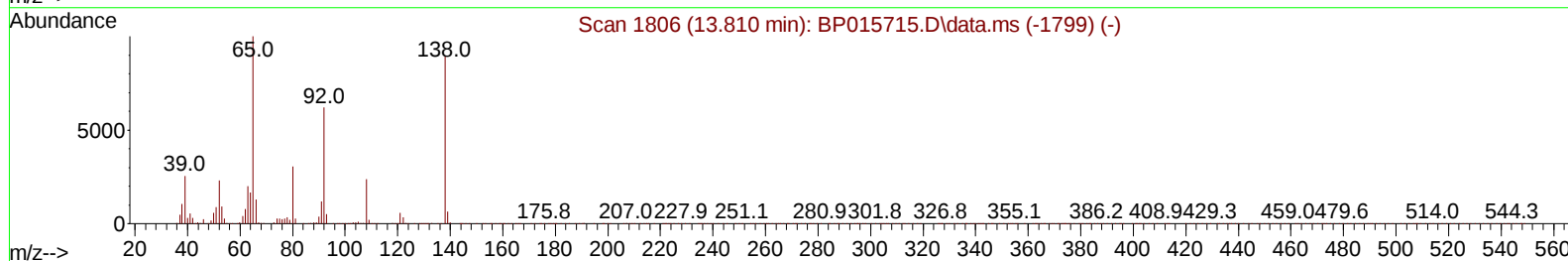
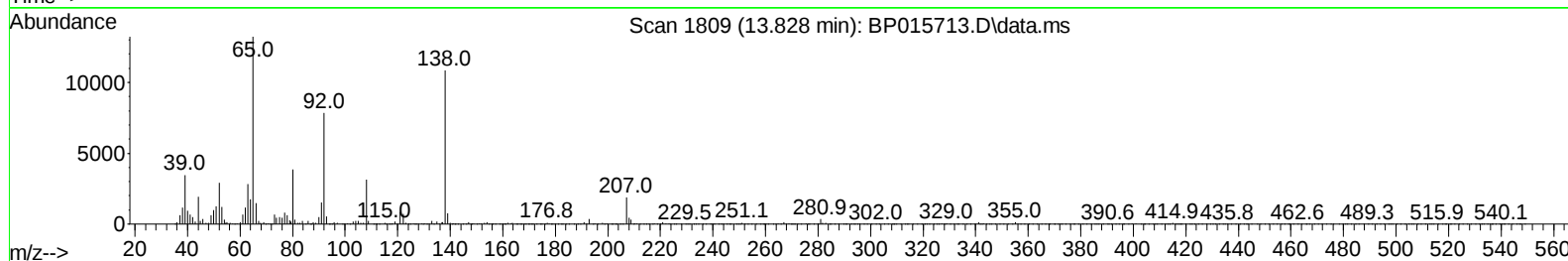
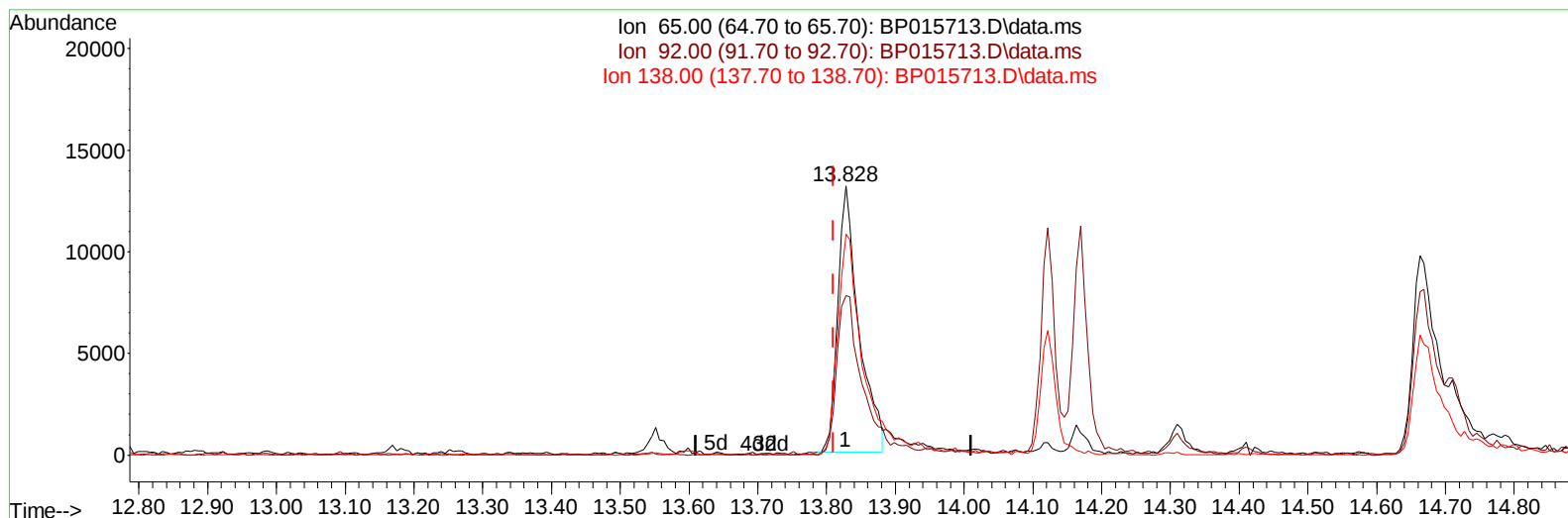
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015713.D
 Acq On : 26 Jun 2023 14:29
 Operator : MA/JU
 Sample : SSTD00589
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005632

Manual IntegrationsAPPROVED

Quant Time: Jun 27 00:25:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 23:54:28 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023



TIC: BP015713.D\data.ms

(45) 2-Nitroaniline

13.828min (+ 0.018) 3.73 ng/ul

response 27719

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.90	59.25
138.00	89.30	82.06
0.00	0.00	0.00

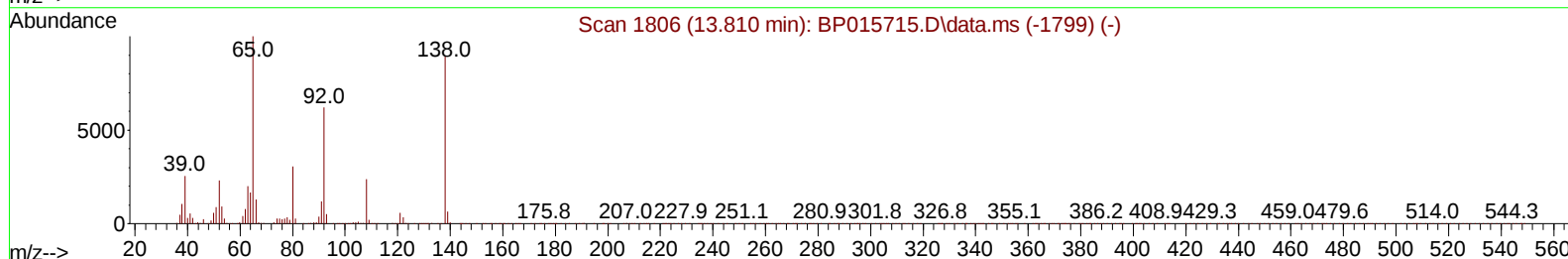
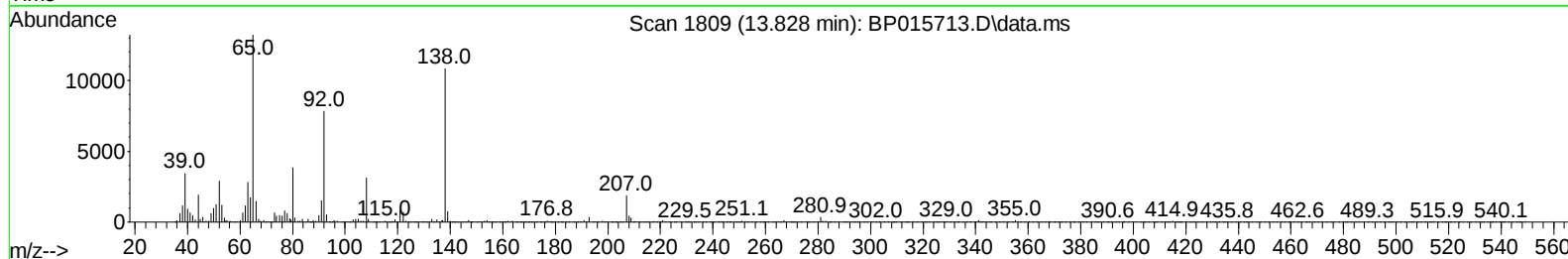
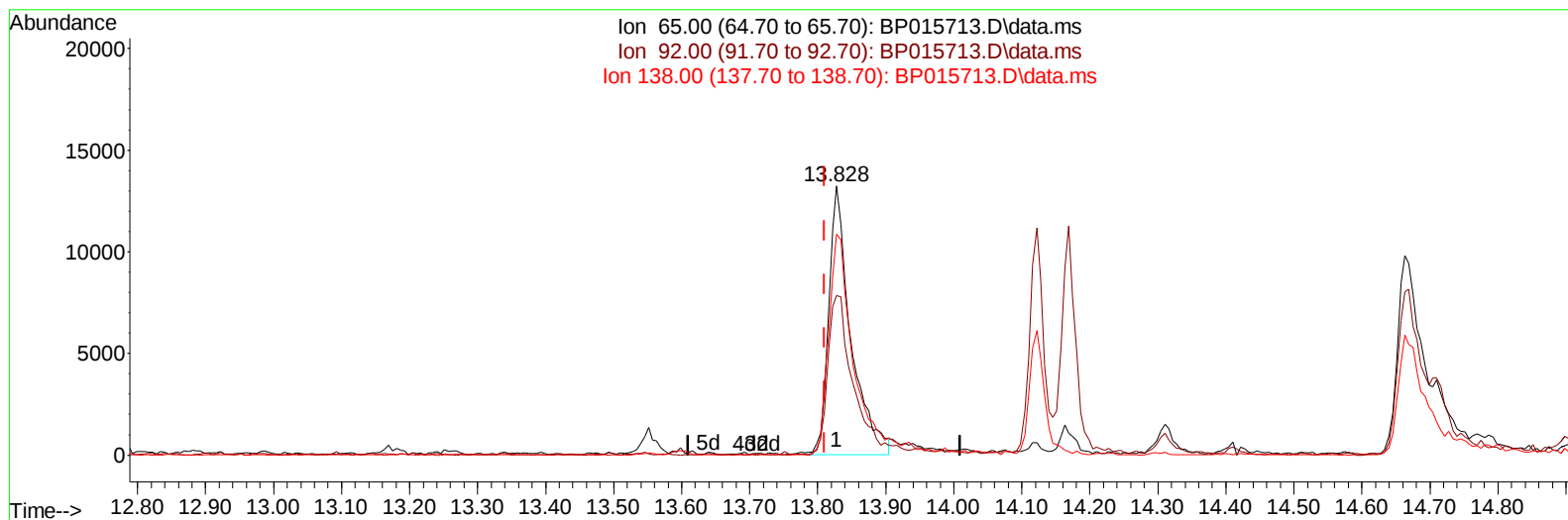
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015713.D
 Acq On : 26 Jun 2023 14:29
 Operator : MA/JU
 Sample : SSTD00589
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005632

Manual IntegrationsAPPROVED

Quant Time: Jun 27 00:25:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 23:54:28 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023



TIC: BP015713.D\data.ms

(45) 2-Nitroaniline

13.828min (+ 0.018) 4.00 ng/ul m

response 29719

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.90	59.25
138.00	89.30	82.06
0.00	0.00	0.00

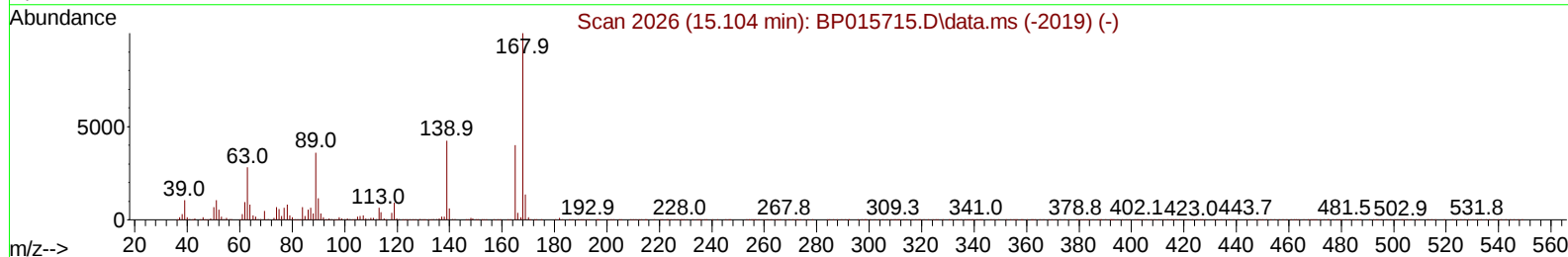
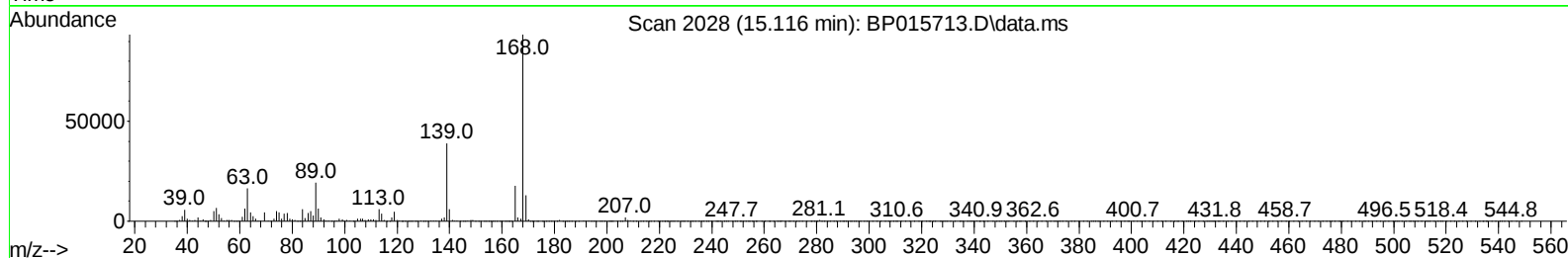
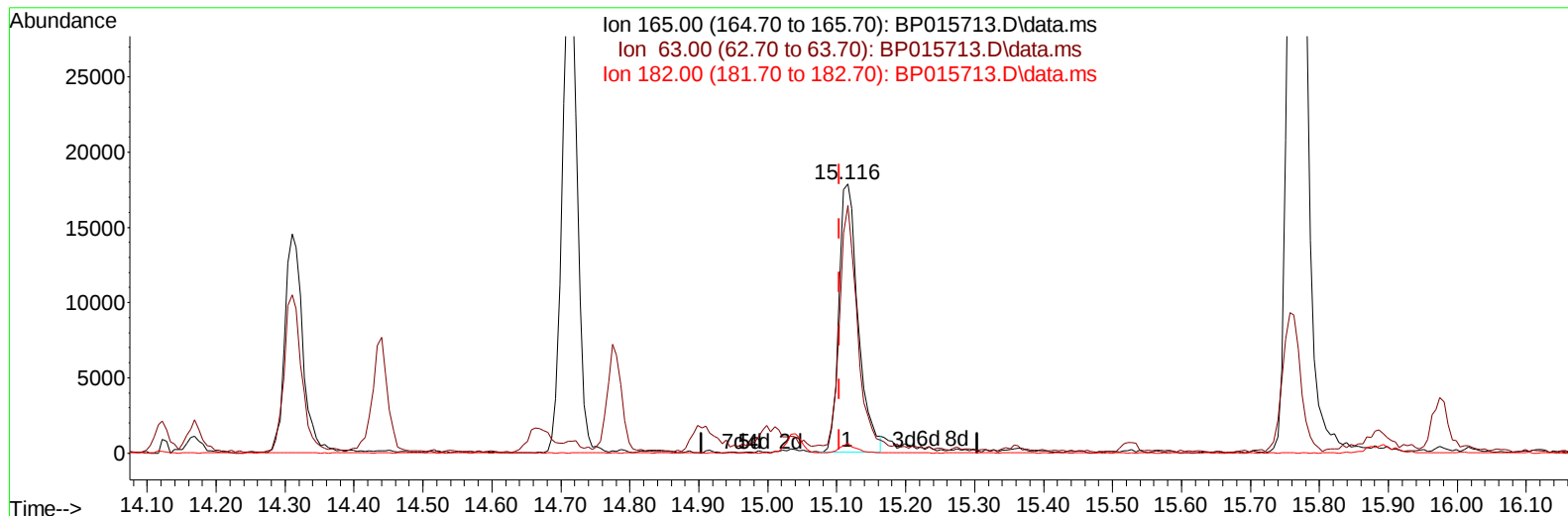
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015713.D
Acq On : 26 Jun 2023 14:29
Operator : MA/JU
Sample : SST00589
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005632

Manual IntegrationsAPPROVED

Quant Time: Jun 27 00:25:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 23:54:28 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



TIC: BP015713.D\data.ms

(57) 2,4-Dinitrotoluene

15.116min (+ 0.012) 4.07 ng/ul

response 34261

Ion	Exp%	Act%
165.00	100.00	100.00
63.00	71.00	92.03#
182.00	2.50	3.74#
0.00	0.00	0.00

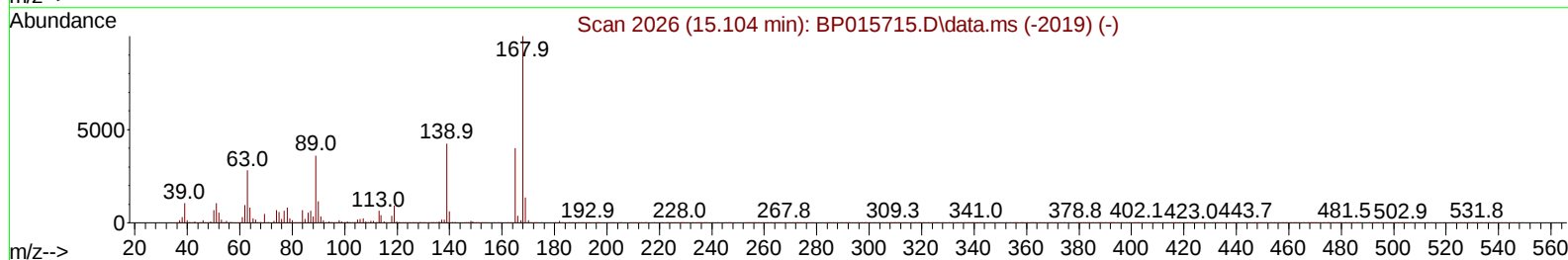
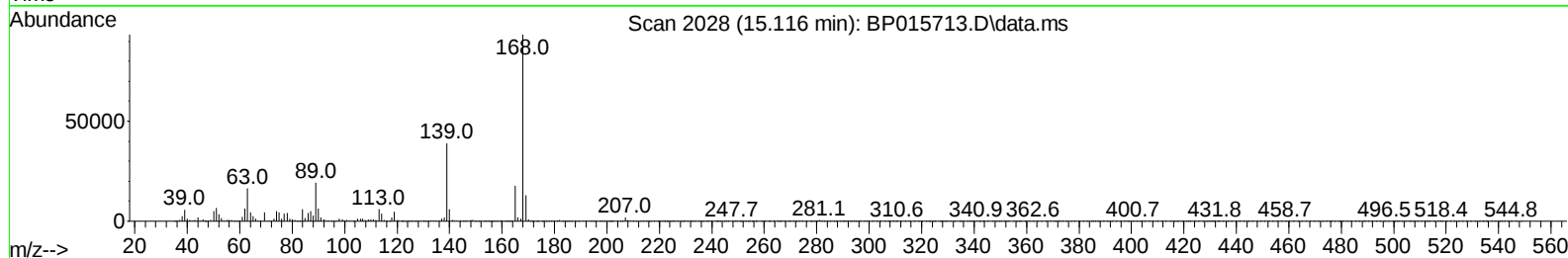
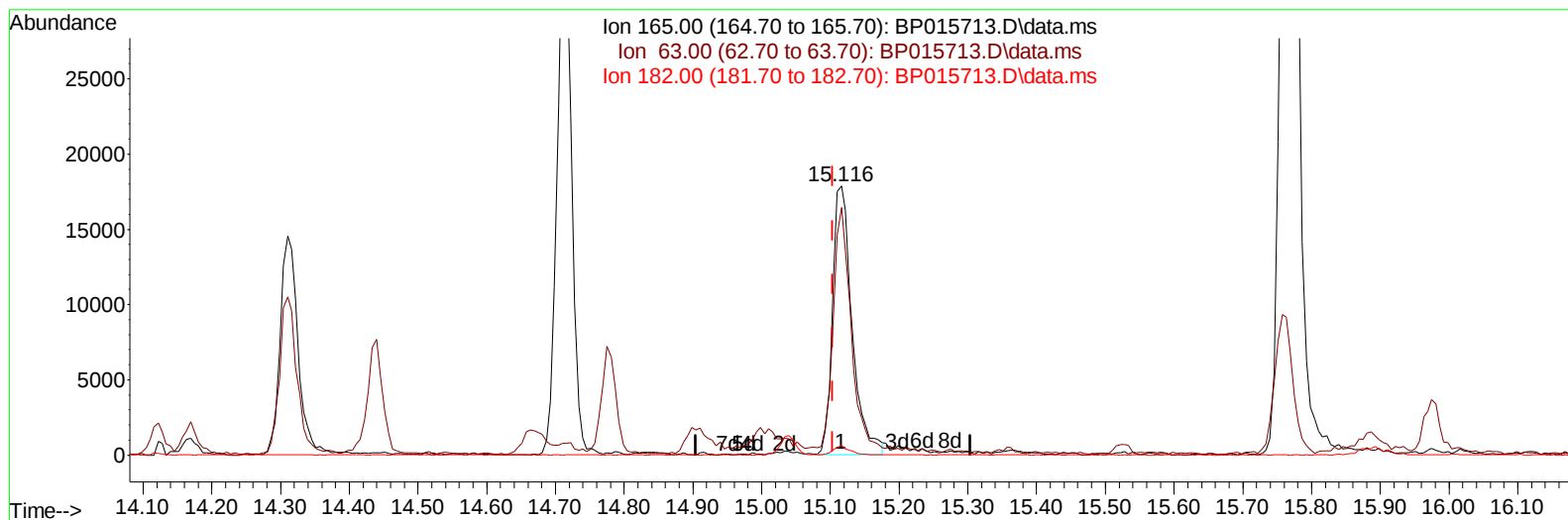
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015713.D
Acq On : 26 Jun 2023 14:29
Operator : MA/JU
Sample : SST00589
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005632

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 00:25:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 23:54:28 2023
Response via : Initial Calibration



TIC: BP015713.D\data.ms

(57) 2,4-Dinitrotoluene

15.116min (+ 0.012) 4.19 ng/ul m

response 35282

Ion	Exp%	Act%
165.00	100.00	100.00
63.00	71.00	92.03#
182.00	2.50	3.74#
0.00	0.00	0.00

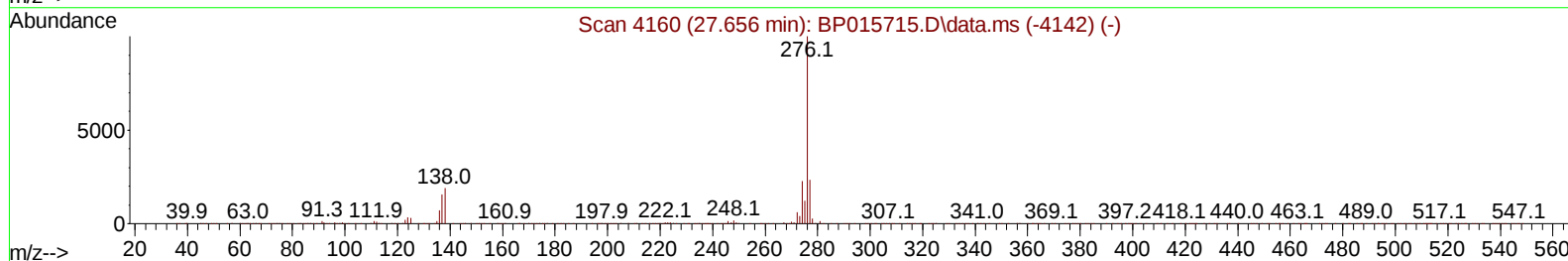
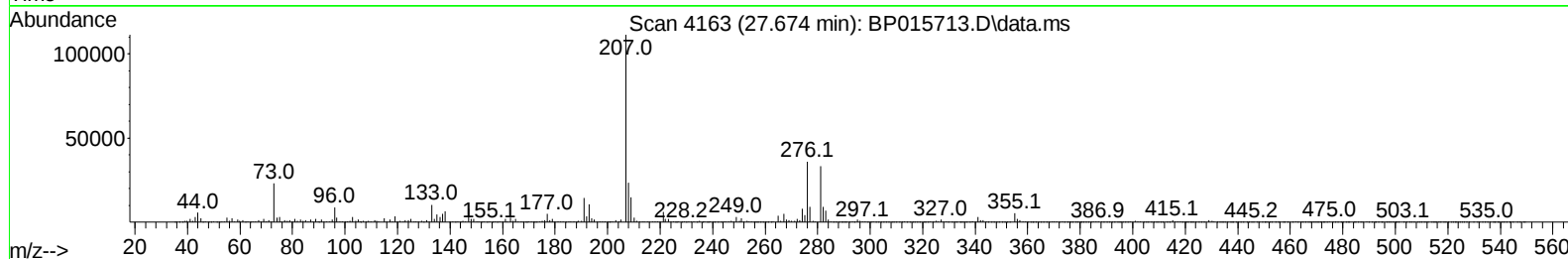
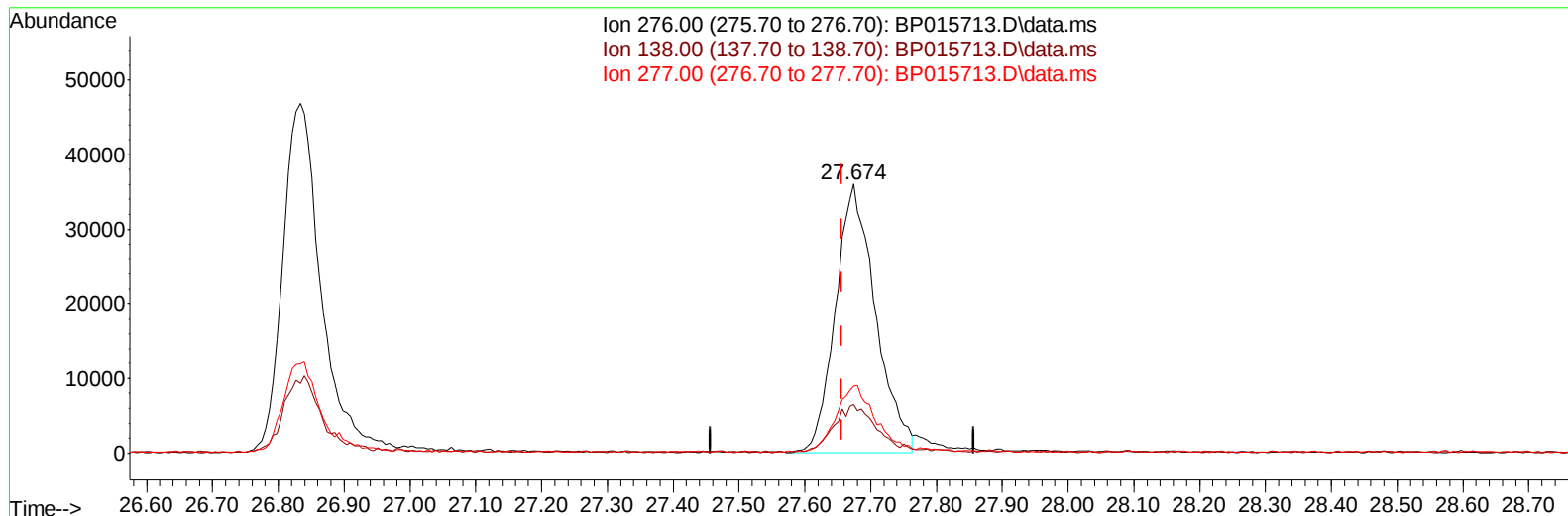
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015713.D
Acq On : 26 Jun 2023 14:29
Operator : MA/JU
Sample : SSTD00589
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005632

Manual IntegrationsAPPROVED

Quant Time: Jun 27 00:27:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 23:54:28 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



TIC: BP015713.D\data.ms

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

27.674min (+ 0.018) 4.22 ng/u1

response 151810

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.90	18.06
277.00	23.50	24.97
0.00	0.00	0.00

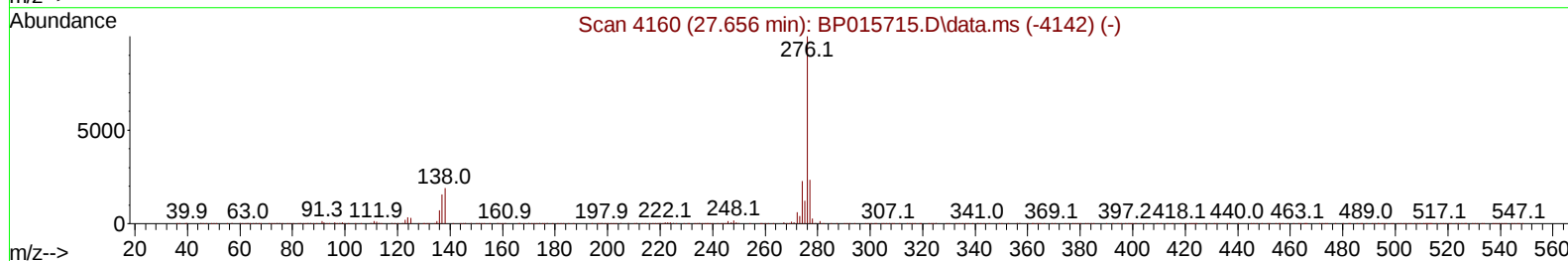
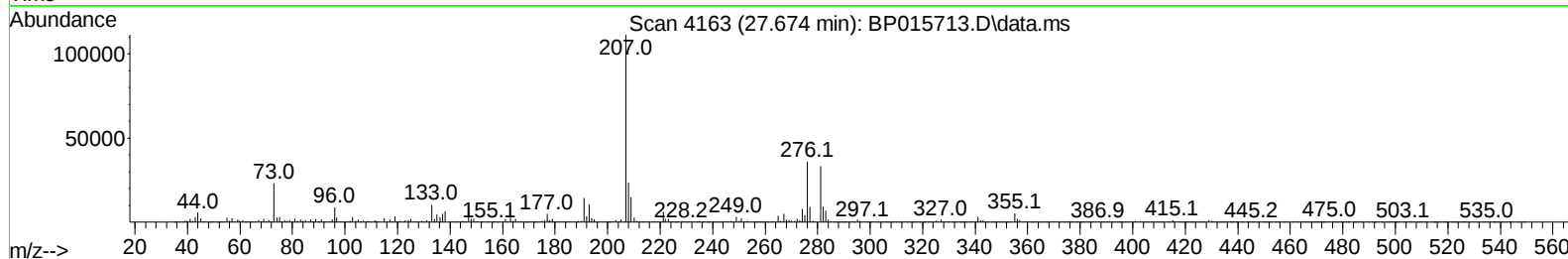
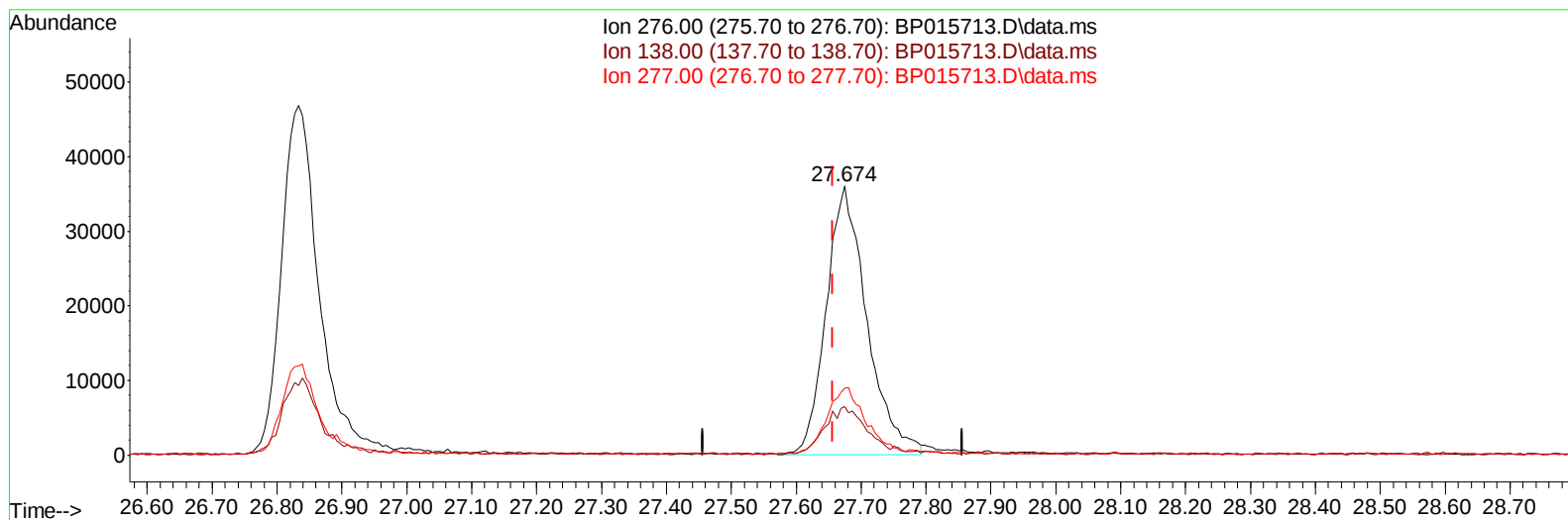
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015713.D
 Acq On : 26 Jun 2023 14:29
 Operator : MA/JU
 Sample : SSTD00589
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005632

Manual IntegrationsAPPROVED

Quant Time: Jun 27 00:27:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 23:54:28 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023



TIC: BP015713.D\data.ms

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

27.674min (+ 0.018) 4.33 ng/ul m

response 155774

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.90	18.06
277.00	23.50	24.97
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015713.D
 Acq On : 26 Jun 2023 14:29
 Operator : MA/JU
 Sample : SSTD00589
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005632

Manual IntegrationsAPPROVED

Quant Time: Jun 27 00:51:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 23:54:28 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/27/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	131608	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	569889	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	382783	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	819488	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	618386	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	576055	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	6560	1.793	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	7.599	132	36997	4.352	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.258	128	17482	4.014	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	20852	4.102	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	38966	4.302	ng/ul	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.122	166	138318	4.675	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	150630	4.529	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.710	176	114545	4.702	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.581	188	174008	4.649	ng/ul	0.00
81) Pyrene-d10	19.804	212	186848	4.627	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	131601	4.529	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	7238	1.839	ng/uL	88
12) 2-Chlorophenol	7.628	128	40109	4.441	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.887	70	38032	4.683	ng/ul#	98
19) Hexachloroethane	9.146	117	19433	4.659	ng/ul	97
22) Nitrobenzene	9.299	77	51723	4.229	ng/ul	98
23) Isophorone	9.816	82	107011	4.572	ng/ul	98
25) 2-Nitrophenol	10.016	139	22369	4.146	ng/ul	96
26) 2,4-Dimethylphenol	10.075	107	53083	4.476	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.305	93	57471	4.350	ng/ul	99
29) 2,4-Dichlorophenol	10.569	162	36719	4.077	ng/ul	98
30) Naphthalene	10.946	128	143013	4.616	ng/ul	98
33) Hexachlorobutadiene	11.210	225	31393	4.616	ng/ul	95
35) 4-Chloro-3-methylphenol	12.204	107	48044	4.558	ng/ul	99
36) 2-Methylnaphthalene	12.551	142	94568	4.637	ng/ul	95
37) 1-Methylnaphthalene	12.769	142	98404	4.730	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.922	216	54847	4.348	ng/ul	96
41) 2,4,6-Trichlorophenol	13.169	196	32155	4.034	ng/ul	97
42) 2,4,5-Trichlorophenol	13.257	196	34511m	4.181	ng/ul	
43) 1,1'-Biphenyl	13.551	154	135007	4.453	ng/ul	99
44) 2-Chloronaphthalene	13.598	162	104692	4.383	ng/ul	97
45) 2-Nitroaniline	13.828	65	29719m	3.997	ng/ul	
47) Dimethylphthalate	14.169	163	143225	4.678	ng/ul	98
48) 2,6-Dinitrotoluene	14.310	165	26276	4.231	ng/ul	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015713.D
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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SSTD005632

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 00:51:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 23:54:28 2023
 Response via : Initial Calibration

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

50) Acenaphthylene	14.440	152	164485	4.488	ng/ul	99
52) Acenaphthene	14.781	153	117979	4.643	ng/ul	96
56) Dibenzofuran	15.122	168	163761	4.642	ng/ul	99
57) 2,4-Dinitrotoluene	15.116	165	35282m	4.189	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.357	232	31173	4.292	ng/ul#	94
59) Diethylphthalate	15.528	149	146862	4.740	ng/ul	97
61) Fluorene	15.769	166	135905	4.750	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.751	204	69551	4.750	ng/ul	98
67) N-Nitrosodiphenylamine	15.975	169	108997	4.443	ng/ul	98
68) 4-Bromophenyl-phenylether	16.651	248	42292	4.519	ng/ul	90
69) Hexachlorobenzene	16.775	284	51178	4.635	ng/ul	98
72) Phenanthrene	17.516	178	209945	4.716	ng/ul	98
74) Anthracene	17.616	178	205408	4.592	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.522	216	56313	4.223	ng/uL	96
76) Pentachlorobenzene	15.040	250	60771	4.516	ng/uL	98
78) Di-n-butylphthalate	18.404	149	226493	4.531	ng/ul	99
80) Fluoranthene	19.481	202	227765	4.539	ng/ul	100
82) Pyrene	19.833	202	240669	4.701	ng/ul	97
83) Butylbenzylphthalate	20.680	149	93014	4.454	ng/ul	99
85) Benzo(a)anthracene	21.551	228	198599	4.565	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	122534	4.269	ng/ul	99
87) Chrysene	21.610	228	190329	4.612	ng/ul	98
90) Benzo(b)fluoranthene	23.333	252	170237	4.599	ng/ul	98
91) Benzo(k)fluoranthene	23.380	252	173795	4.647	ng/ul	96
93) Benzo(a)pyrene	24.004	252	149625	4.626	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.833	276	188679	4.297	ng/ul	99
95) Dibenzo(a,h)anthracene	26.845	278	153839	4.266	ng/ul	98
96) Benzo(g,h,i)perylene	27.674	276	155774m	4.332	ng/ul	

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