

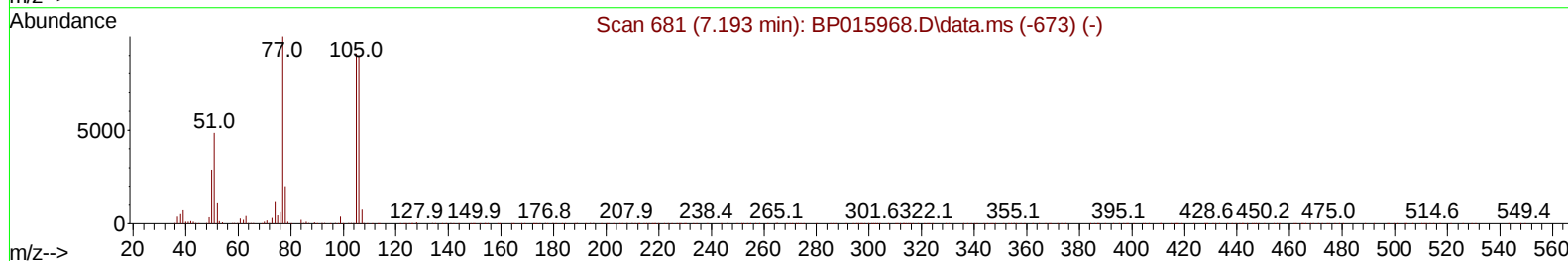
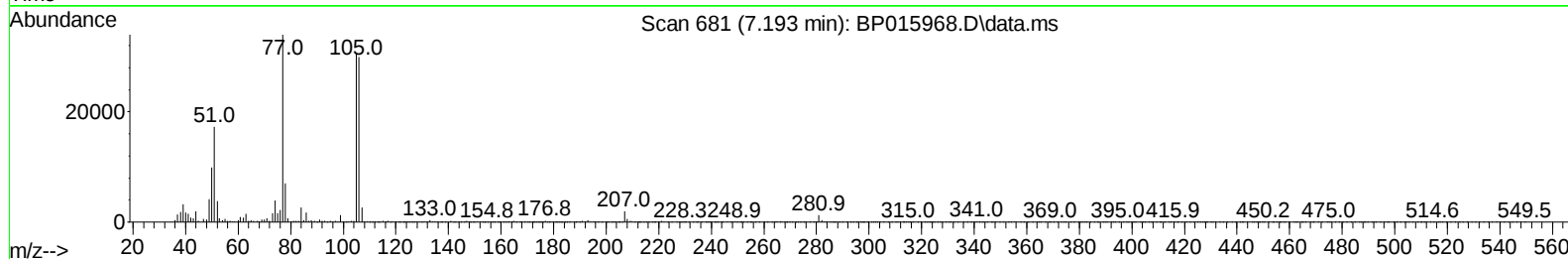
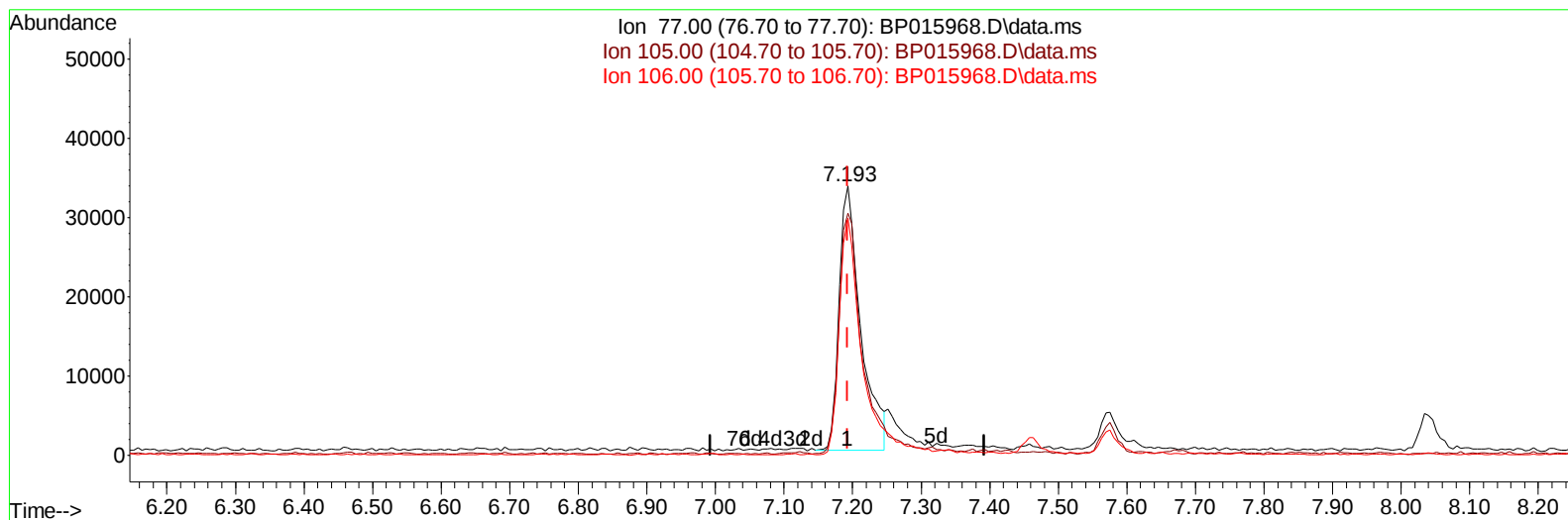
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015968.D
 Acq On : 04 Jul 2023 10:36
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 04 21:51:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BP015968.D\data.ms

(6) Benzaldehyde

7.193min (+ 0.000) 10.11 ng/ul

response 73036

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	89.92
106.00	83.30	88.13
0.00	0.00	0.00

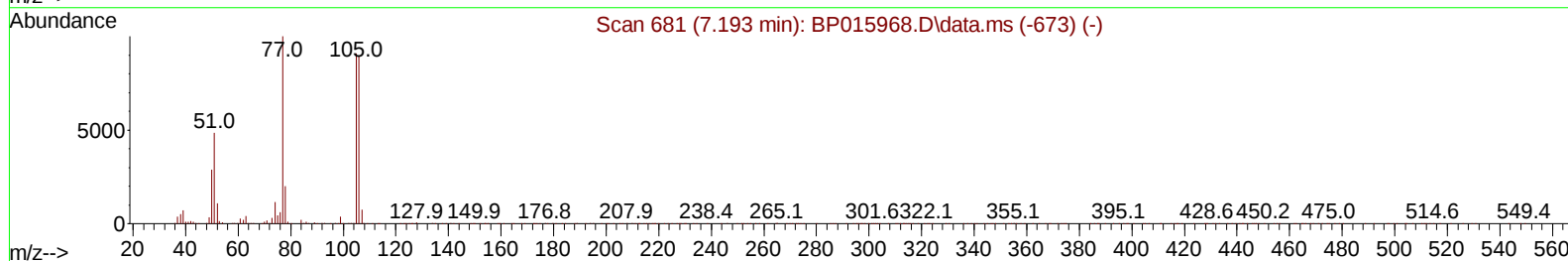
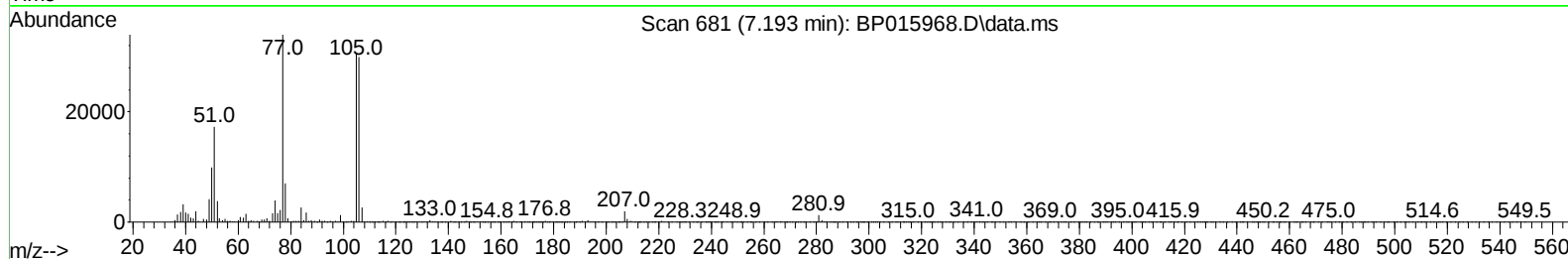
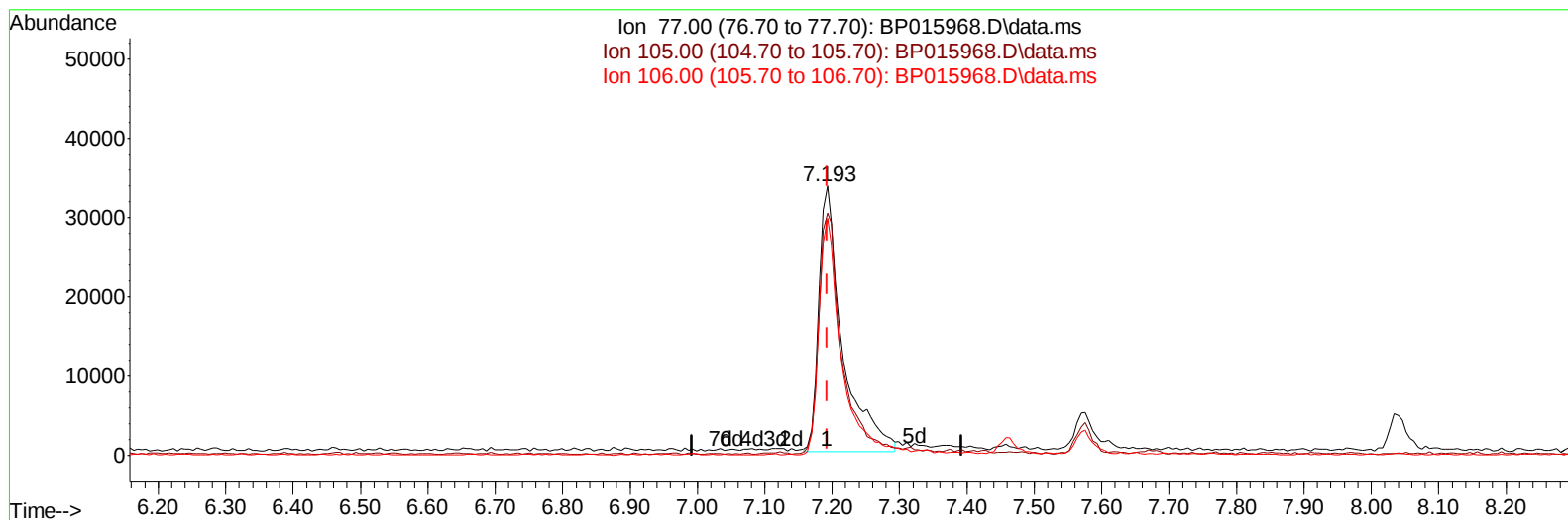
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015968.D
 Acq On : 04 Jul 2023 10:36
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 04 21:51:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BP015968.D\data.ms

(6) Benzaldehyde

7.193min (+ 0.000) 11.36 ng/ul m

response 82080

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	89.92
106.00	83.30	88.13
0.00	0.00	0.00

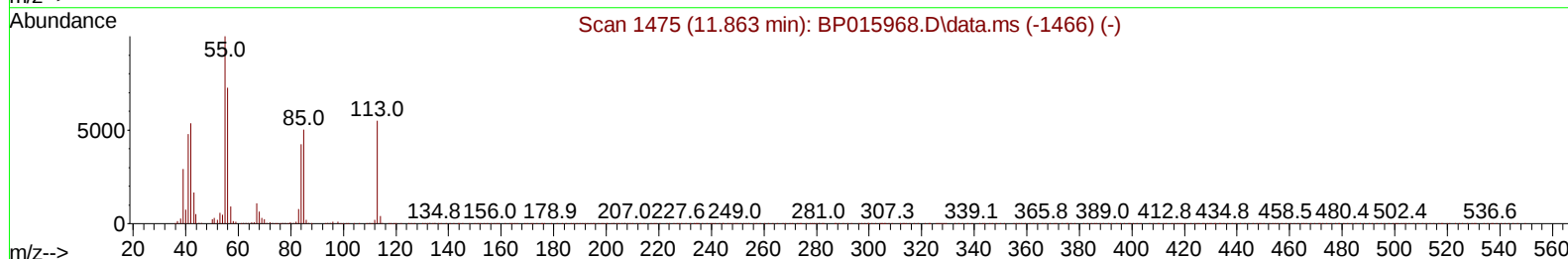
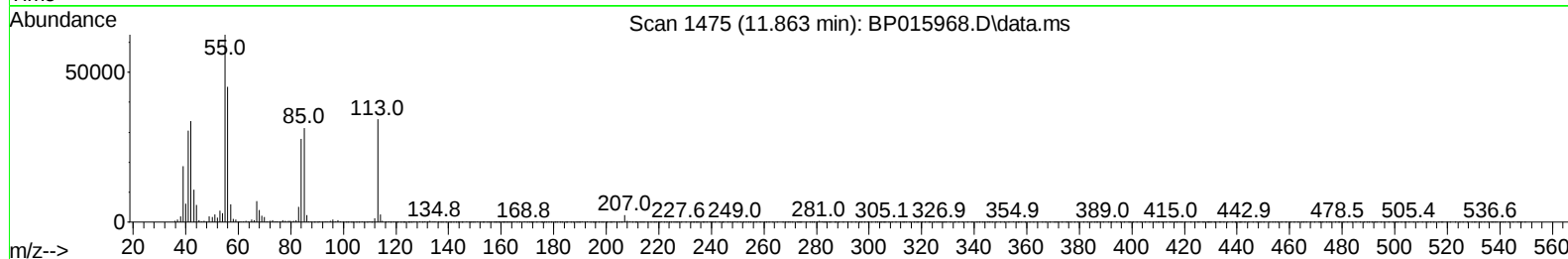
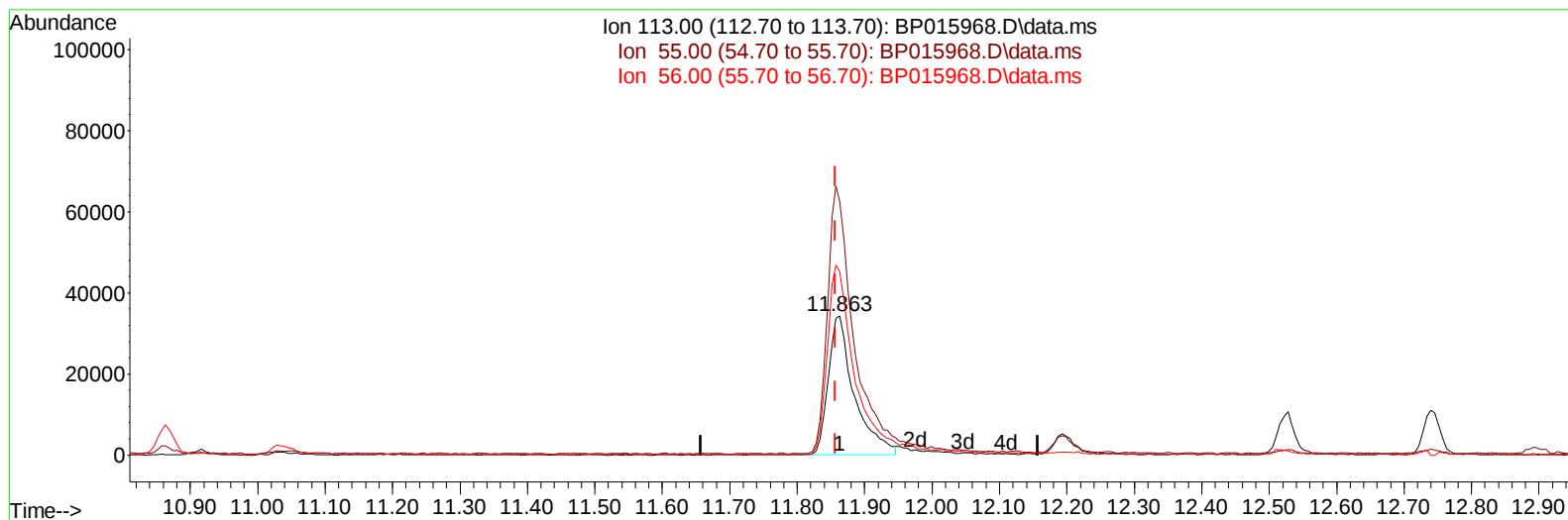
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015968.D
 Acq On : 04 Jul 2023 10:36
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 04 21:51:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BP015968.D\data.ms

(34) Caprolactam

11.863min (+ 0.006) 20.77 ng/ul

response 91895

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	182.37
56.00	146.10	131.87
0.00	0.00	0.00

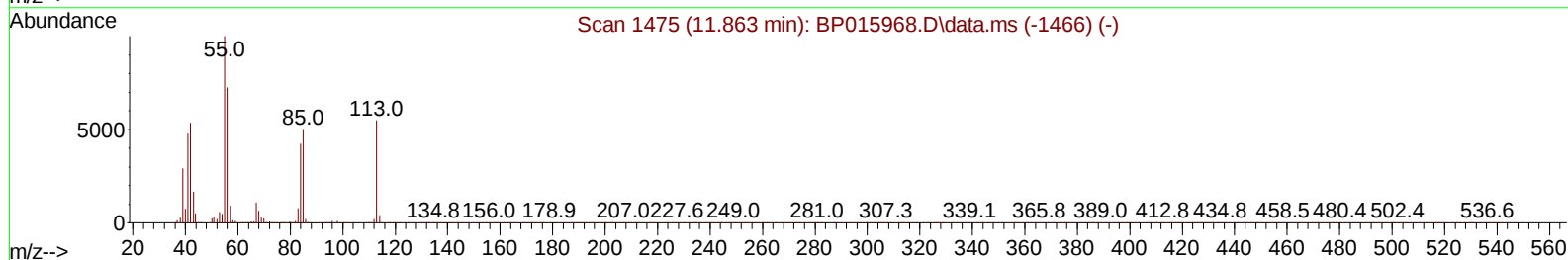
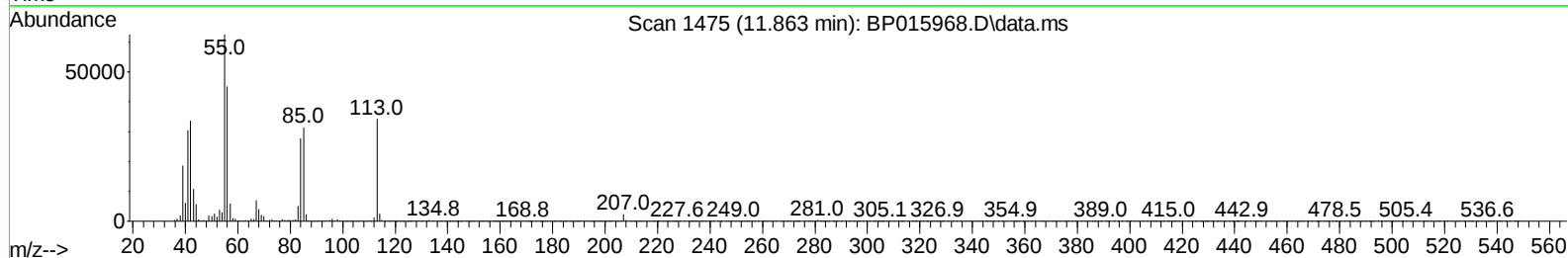
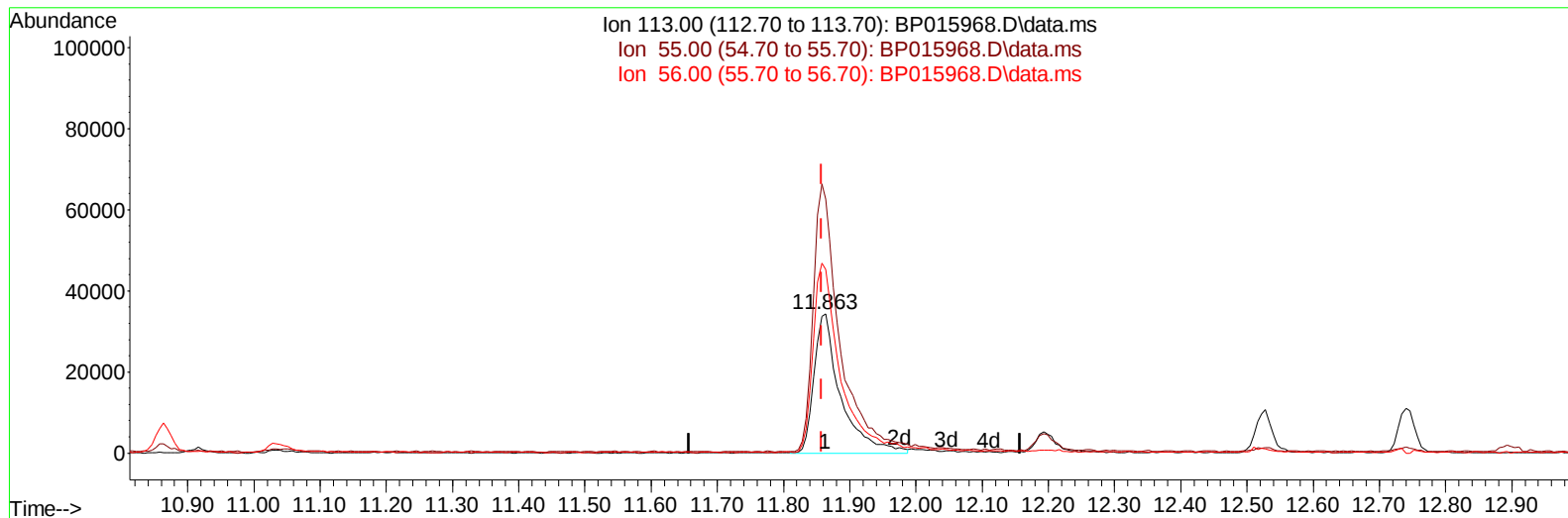
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015968.D
 Acq On : 04 Jul 2023 10:36
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 04 22:02:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BP015968.D\data.ms

(34) Caprolactam

11.863min (+ 0.006) 21.62 ng/ul m

response 95693

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	182.37
56.00	146.10	131.87
0.00	0.00	0.00

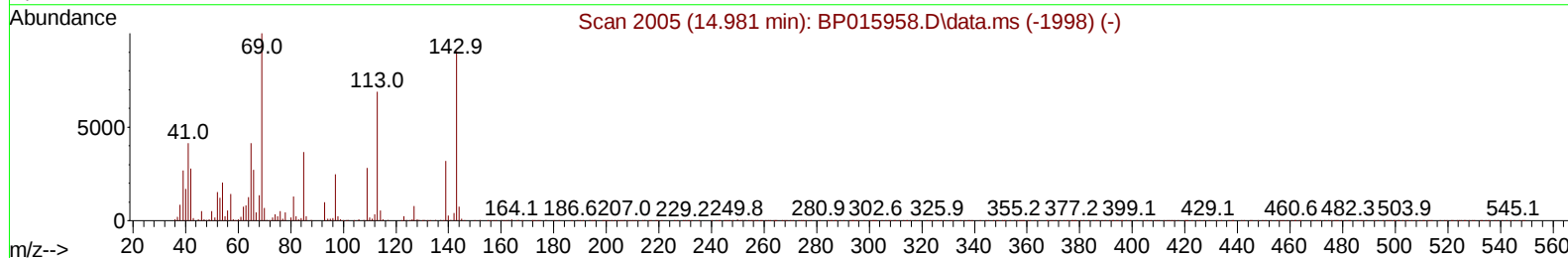
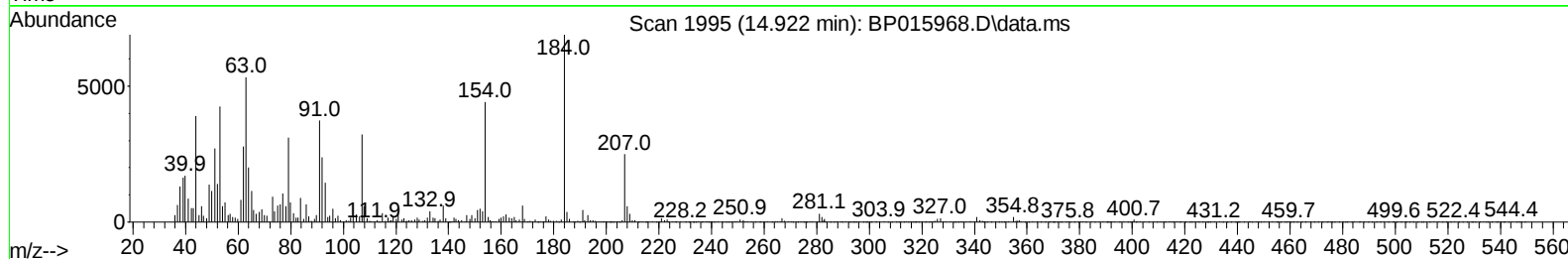
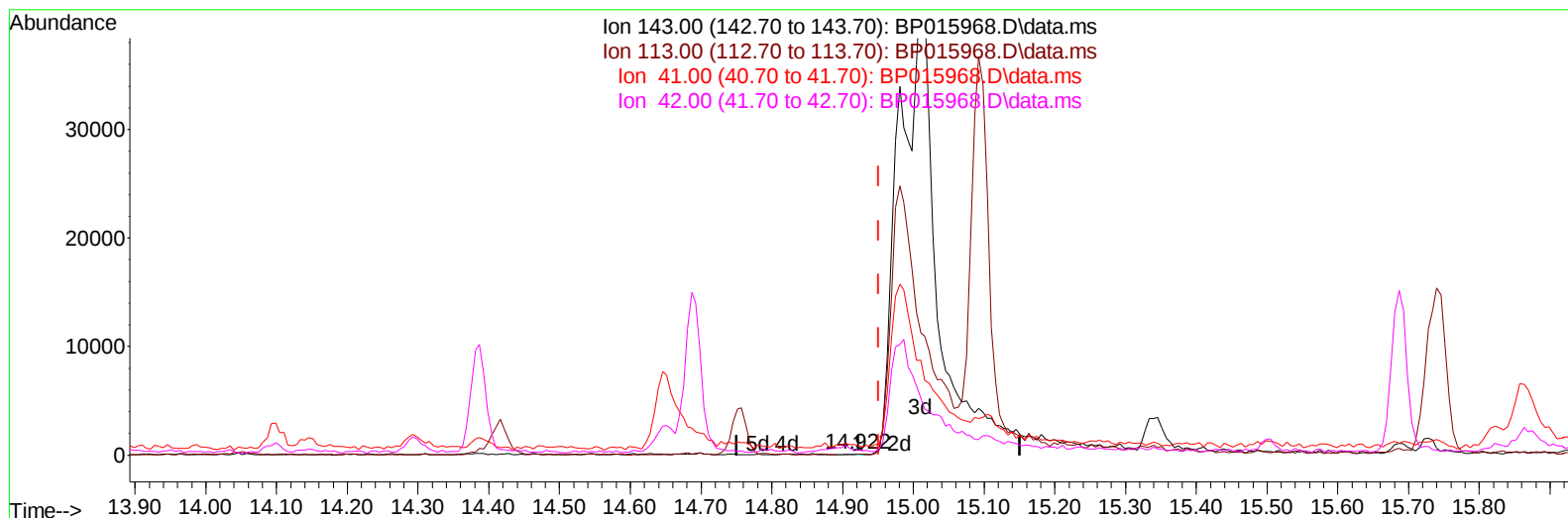
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015968.D
 Acq On : 04 Jul 2023 10:36
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 04 22:02:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BP015968.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.922min (-0.029) 0.03 ng/u1

response 142

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	36.17#
41.00	45.70	456.91#
42.00	31.20	279.26#

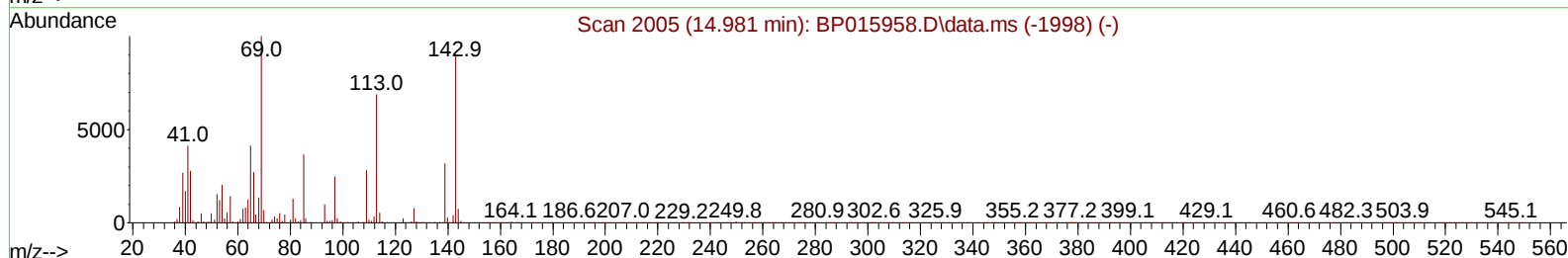
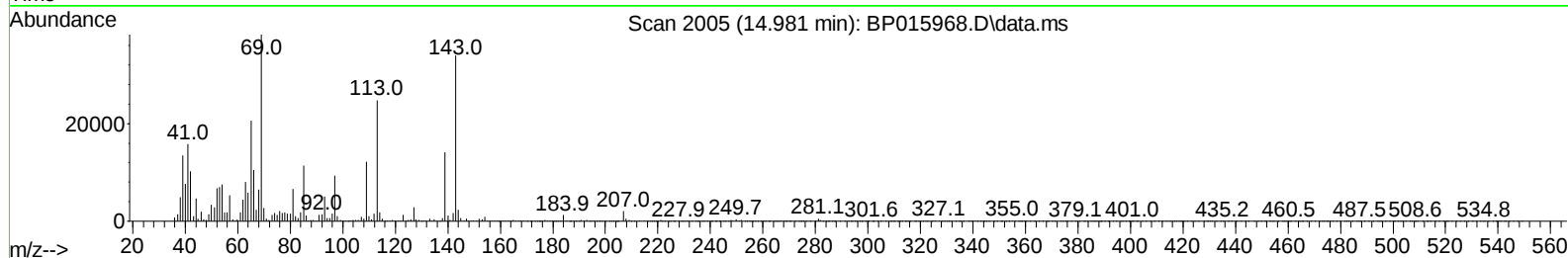
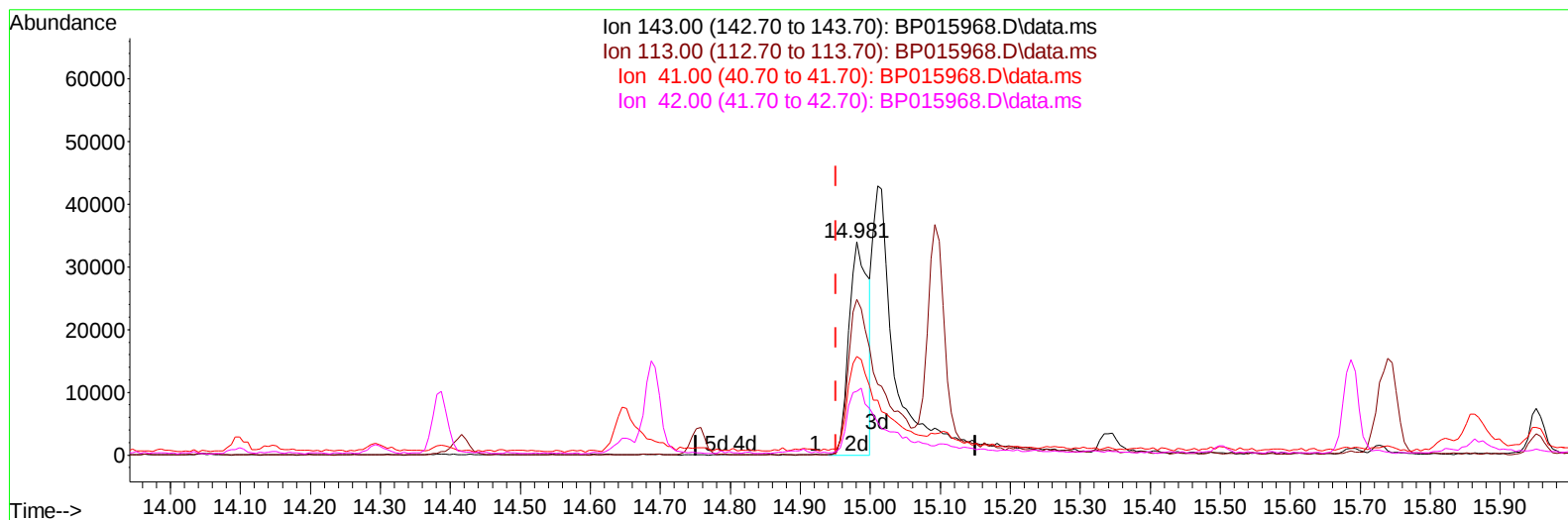
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015968.D
 Acq On : 04 Jul 2023 10:36
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 04 22:02:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BP015968.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.981min (+ 0.030) 11.35 ng/ul m

response 64252

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	72.96#
41.00	45.70	46.36
42.00	31.20	30.04

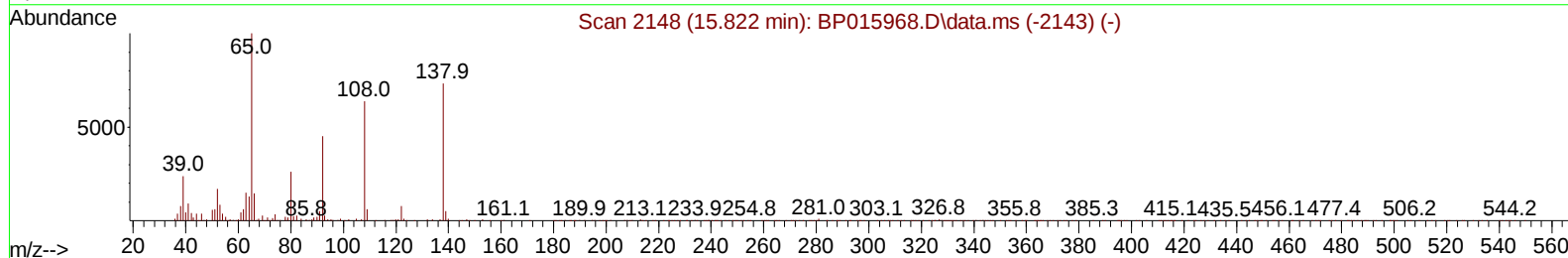
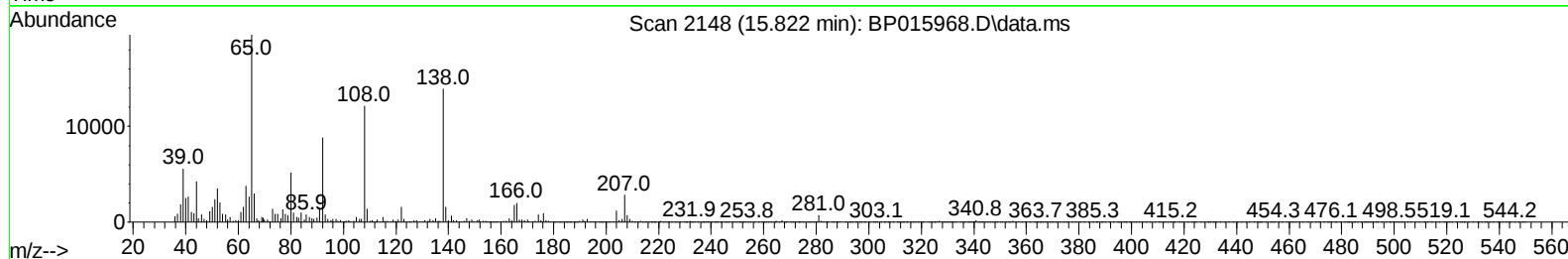
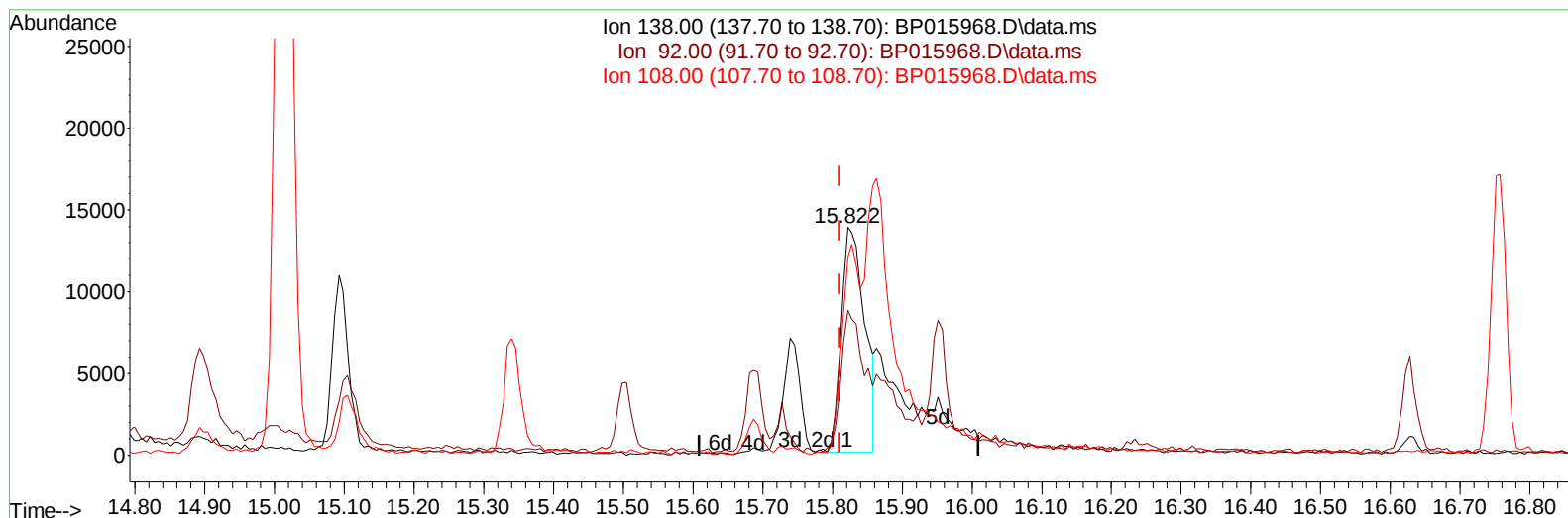
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015968.D
Acq On : 04 Jul 2023 10:36
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 04 22:02:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



TIC: BP015968.D\data.ms

(63) 4-Nitroaniline

15.822min (+ 0.012) 6.57 ng/ul

response 31738

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.60	63.58
108.00	106.90	86.99
0.00	0.00	0.00

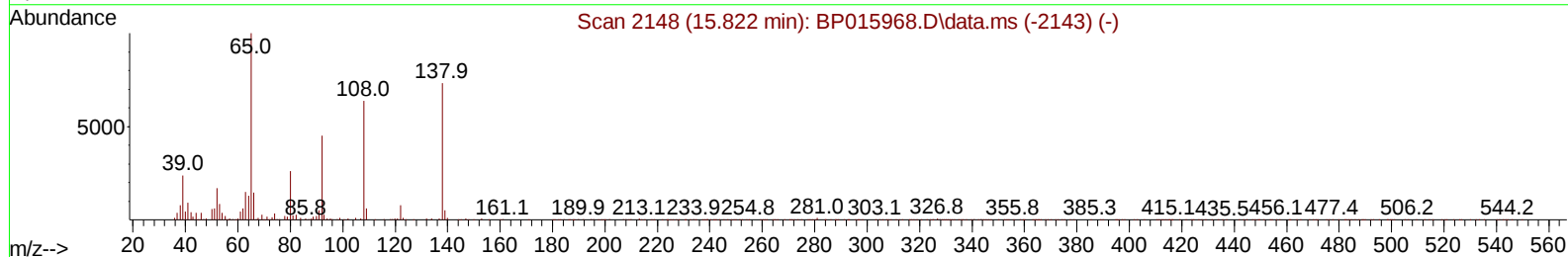
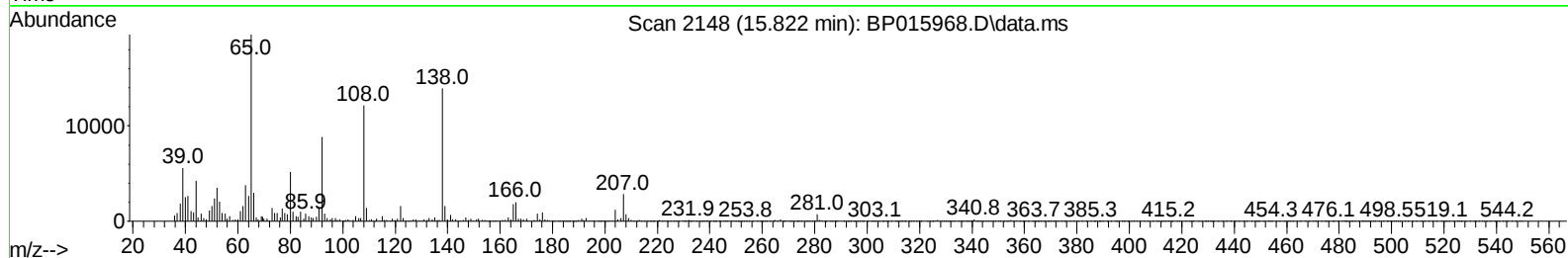
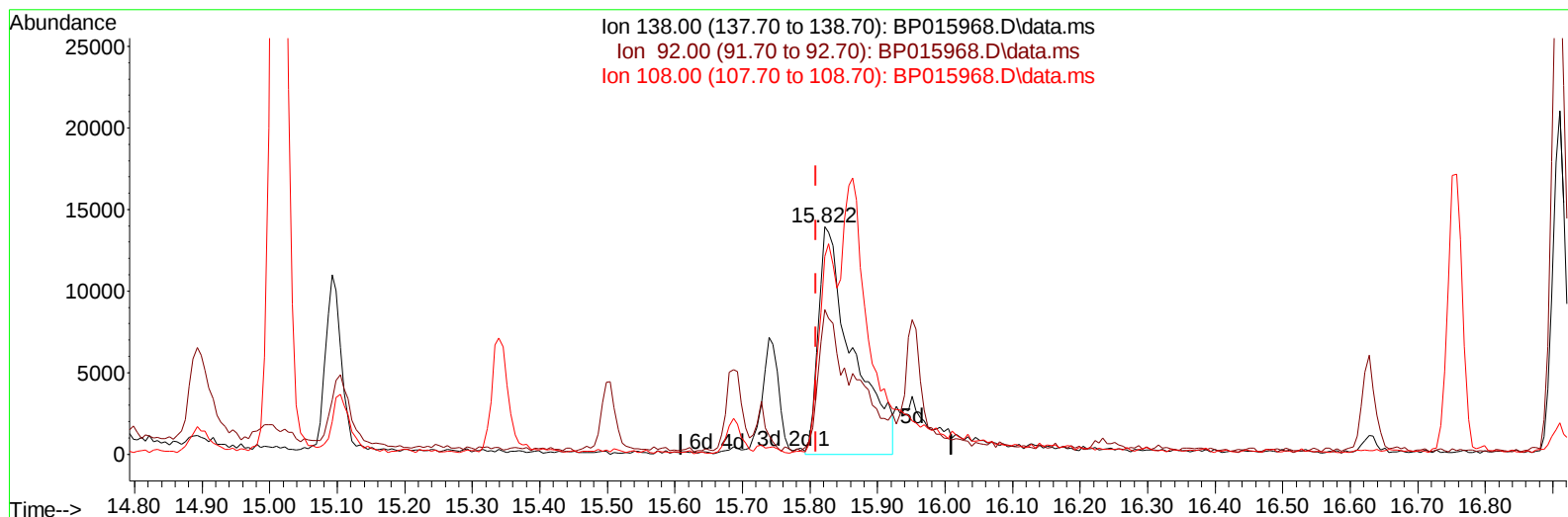
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015968.D
Acq On : 04 Jul 2023 10:36
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 04 22:03:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



TIC: BP015968.D\data.ms

(63) 4-Nitroaniline

15.822min (+ 0.012) 10.06 ng/ul m

response 48628

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.60	63.58
108.00	106.90	86.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015968.D
 Acq On : 04 Jul 2023 10:36
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 04 22:03:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	208922	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	915539	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	554866	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.451	188	1192368	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1074574	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	1206590	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	45578	7.849	ng/uL	0.00
4) Pyridine-d5	3.817	84	313073	21.388	ng/ul	0.00
7) Phenol-d5	7.228	99	401340	22.452	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	257843	23.315	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	302556	22.422	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	301277	21.335	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	146078	20.878	ng/ul	0.00
24) 2-Nitrophenol-d4	9.958	143	164873	20.190	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	299427	20.576	ng/ul	0.01
31) 4-Chloroaniline-d4	11.034	131	414308	22.163	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	843920	19.678	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	1004847	20.843	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	64252m	11.353	ng/ul	0.03
60) Fluorene-d10	15.687	176	732103	20.732	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	98879	13.484	ng/ul	0.00
73) Anthracene-d10	17.557	188	1146748	21.055	ng/ul	0.00
81) Pyrene-d10	19.786	212	1300637	18.536	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.922	264	1220392	20.051	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	48790	7.808	ng/uL	98
5) Pyridine	3.840	79	323610	21.133	ng/ul	95
6) Benzaldehyde	7.193	77	82080m	11.357	ng/ul	
8) Phenol	7.252	94	426857	23.011	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.458	93	343429	23.269	ng/ul	97
12) 2-Chlorophenol	7.605	128	324104	22.608	ng/ul	98
13) 2-Methylphenol	8.511	108	317640	22.680	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.569	45	507802	25.191	ng/ul	98
16) Acetophenone	8.887	105	495086	21.327	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.858	70	275029	21.332	ng/ul	99
18) 4-Methylphenol	8.852	108	342373	22.752	ng/ul	96
19) Hexachloroethane	9.111	117	129458	19.552	ng/ul	88
22) Nitrobenzene	9.275	77	416093	21.177	ng/ul	96
23) Isophorone	9.793	82	774397	20.595	ng/ul	99
25) 2-Nitrophenol	9.987	139	180655	20.845	ng/ul	93
26) 2,4-Dimethylphenol	10.052	107	383311	20.119	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.275	93	466507	21.978	ng/ul	97
29) 2,4-Dichlorophenol	10.546	162	300547	20.774	ng/ul	99
30) Naphthalene	10.916	128	1066926	21.437	ng/ul	100
32) 4-Chloroaniline	11.057	127	433846	22.338	ng/ul	100
33) Hexachlorobutadiene	11.175	225	199333	18.245	ng/ul	98
34) Caprolactam	11.863	113	95693m	21.624	ng/ul	
35) 4-Chloro-3-methylphenol	12.193	107	336815	19.889	ng/ul	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
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 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 04 22:03:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.522	142	690274	21.068	ng/ul	97
37) 1-Methylnaphthalene	12.740	142	694390	20.775	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.893	216	364542	19.937	ng/ul	99
40) Hexachlorocyclopentadiene	12.846	237	18387	3.361	ng/ul	95
41) 2,4,6-Trichlorophenol	13.151	196	232580	20.127	ng/ul	99
42) 2,4,5-Trichlorophenol	13.246	196	244700	19.964	ng/ul	95
43) 1,1'-Biphenyl	13.522	154	919413	20.920	ng/ul#	97
44) 2-Chloronaphthalene	13.575	162	731251	21.121	ng/ul	98
45) 2-Nitroaniline	13.810	65	231757	21.274	ng/ul	96
47) Dimethylphthalate	14.146	163	880108	19.829	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	178430	19.819	ng/ul	99
50) Acenaphthylene	14.416	152	1127345	21.222	ng/ul	99
51) 3-Nitroaniline	14.646	138	146923	20.810	ng/ul	92
52) Acenaphthene	14.757	153	773235	20.991	ng/ul	98
53) 2,4-Dinitrophenol	14.893	184	45330	9.490	ng/ul	88
55) 4-Nitrophenol	15.004	109	97566	16.636	ng/ul	89
56) Dibenzofuran	15.093	168	1075114	21.025	ng/ul	99
57) 2,4-Dinitrotoluene	15.104	165	254842	20.772	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.340	232	209509	19.900	ng/ul	99
59) Diethylphthalate	15.504	149	903721	20.121	ng/ul	98
61) Fluorene	15.745	166	869642	20.967	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.728	204	419046	19.745	ng/ul	96
63) 4-Nitroaniline	15.822	138	48628m	10.064	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.875	198	97499	13.141	ng/ul#	95
67) N-Nitrosodiphenylamine	15.951	169	724966	20.310	ng/ul	99
68) 4-Bromophenyl-phenylether	16.628	248	261453	19.202	ng/ul	90
69) Hexachlorobenzene	16.757	284	296878	18.479	ng/ul	96
70) Atrazine	16.910	200	254989	18.662	ng/ul	99
71) Pentachlorophenol	17.128	266	147955	19.188	ng/ul	96
72) Phenanthrene	17.498	178	1362184	21.029	ng/ul	100
74) Anthracene	17.592	178	1402898	21.554	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.499	216	372754	19.212	ng/uL	98
76) Pentachlorobenzene	15.016	250	366214	18.702	ng/uL	99
77) Carbazole	17.875	167	1238911	22.583	ng/ul	100
78) Di-n-butylphthalate	18.381	149	1616440	22.225	ng/ul	99
80) Fluoranthene	19.457	202	1600390	18.352	ng/ul#	92
82) Pyrene	19.816	202	1648912	18.537	ng/ul#	91
83) Butylbenzylphthalate	20.657	149	762785	21.018	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.457	252	475541	19.576	ng/ul#	97
85) Benzo(a)anthracene	21.528	228	1548713	20.488	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1110118	22.258	ng/ul	99
87) Chrysene	21.586	228	1496299	20.864	ng/ul	100
89) Di-n-octyl phthalate	22.363	149	1910168	21.662	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	1552969	20.031	ng/ul#	97
91) Benzo(k)fluoranthene	23.351	252	1571072	20.056	ng/ul#	96
93) Benzo(a)pyrene	23.974	252	1390317	20.523	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.786	276	1823301	19.826	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.792	278	1509949	19.990	ng/ul#	95
96) Benzo(g,h,i)perylene	27.627	276	1484249	19.618	ng/ul#	95

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

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

