

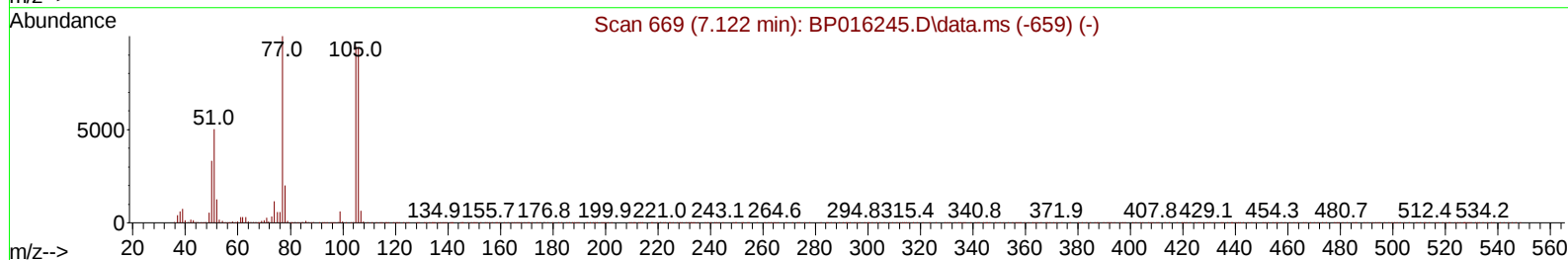
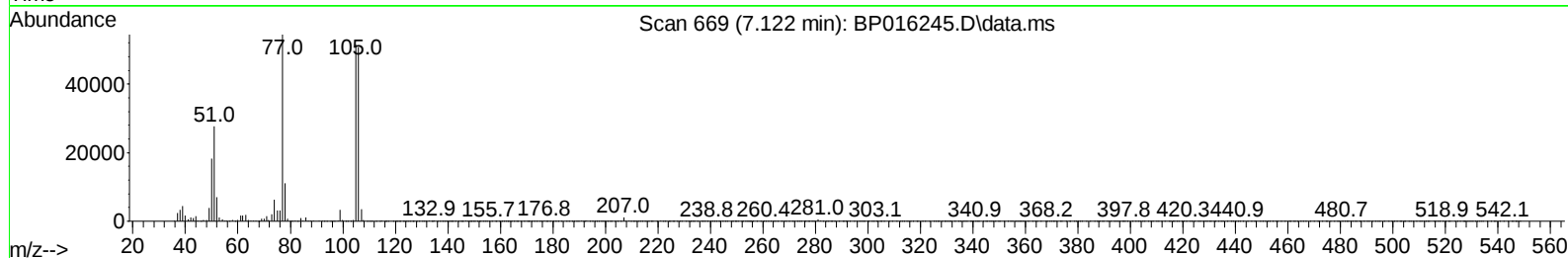
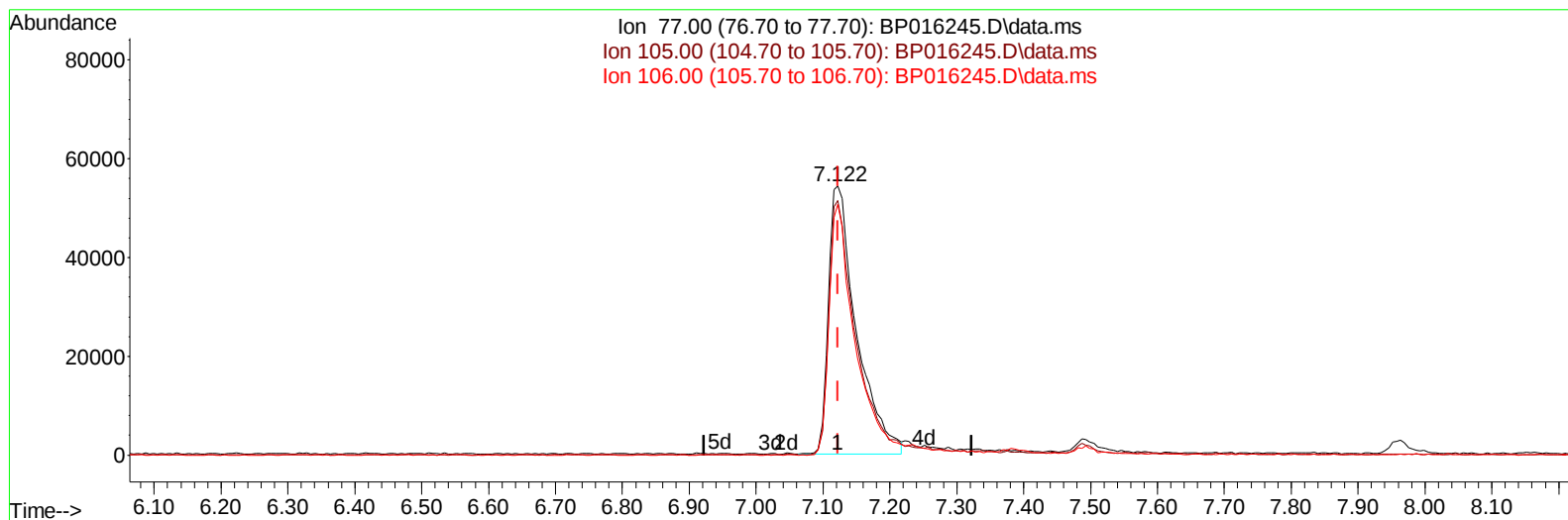
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016245.D
 Acq On : 17 Jul 2023 08:36
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:06:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023



TIC: BP016245.D\data.ms

(6) Benzaldehyde

7.122min (+ 0.000) 21.45 ng/ul

response 158101

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	86.80	94.65
106.00	82.80	93.24
0.00	0.00	0.00

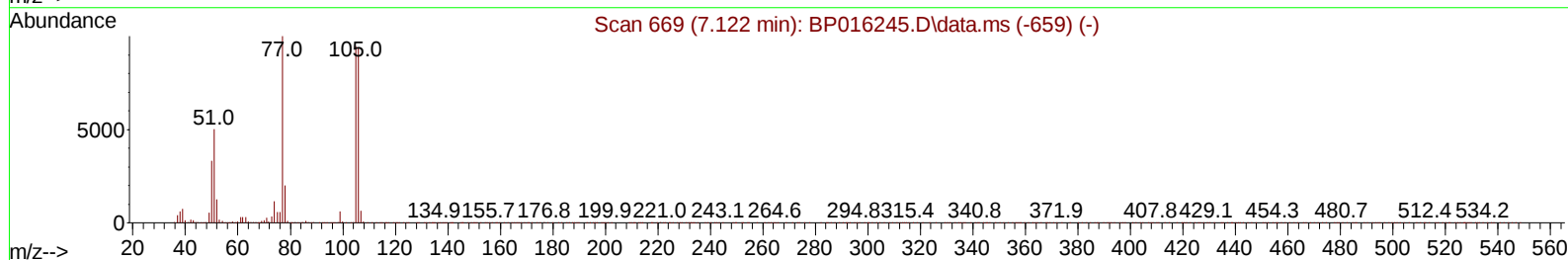
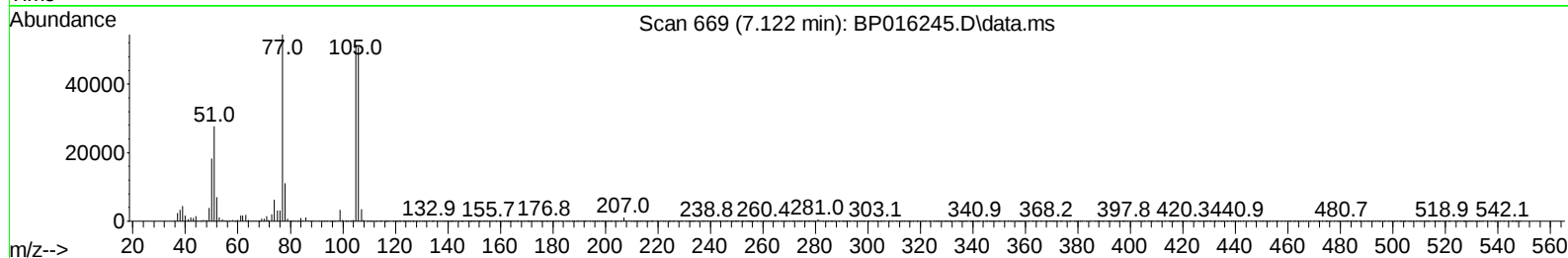
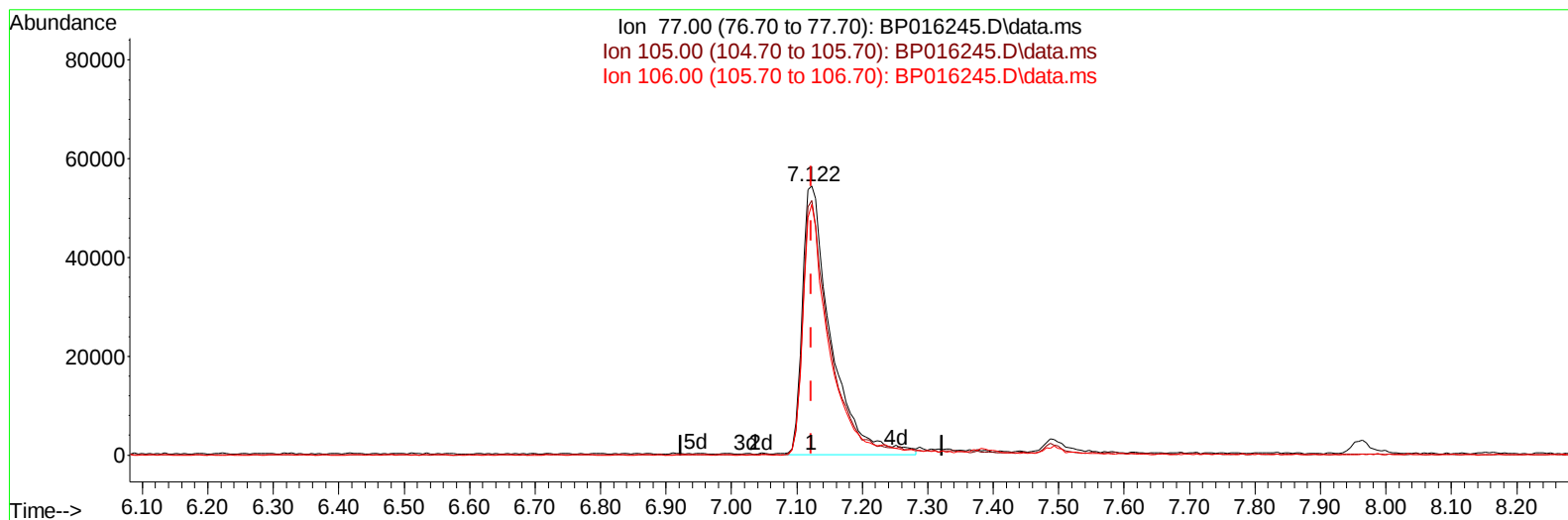
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Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:06:34 2023
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 Supervised By :mohammad ahmed 07/18/2023



TIC: BP016245.D\data.ms

(6) Benzaldehyde

7.122min (+ 0.000) 22.38 ng/ul m

response 164889

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	86.80	94.65
106.00	82.80	93.24
0.00	0.00	0.00

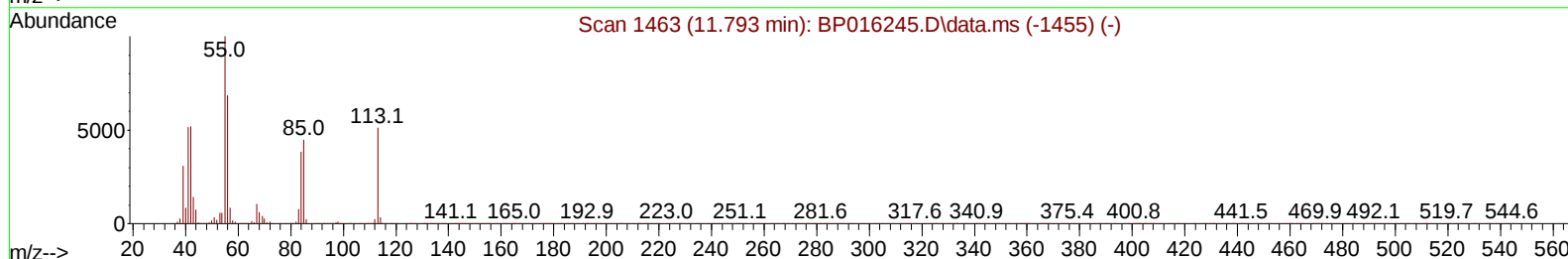
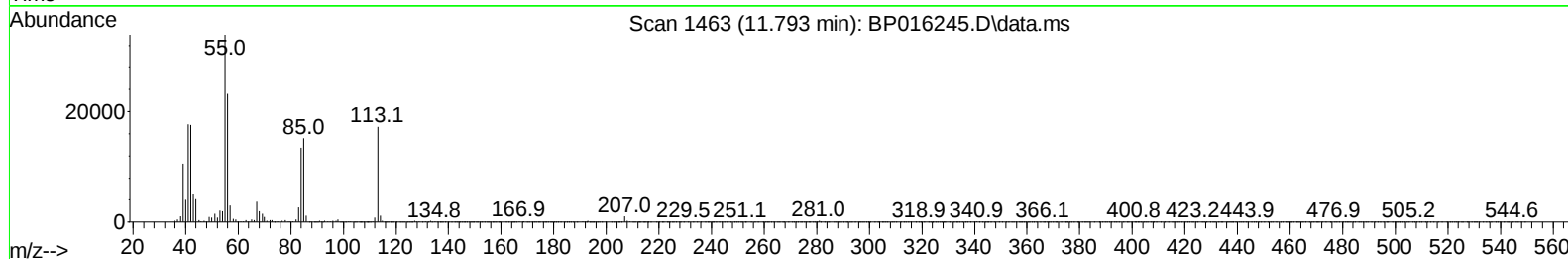
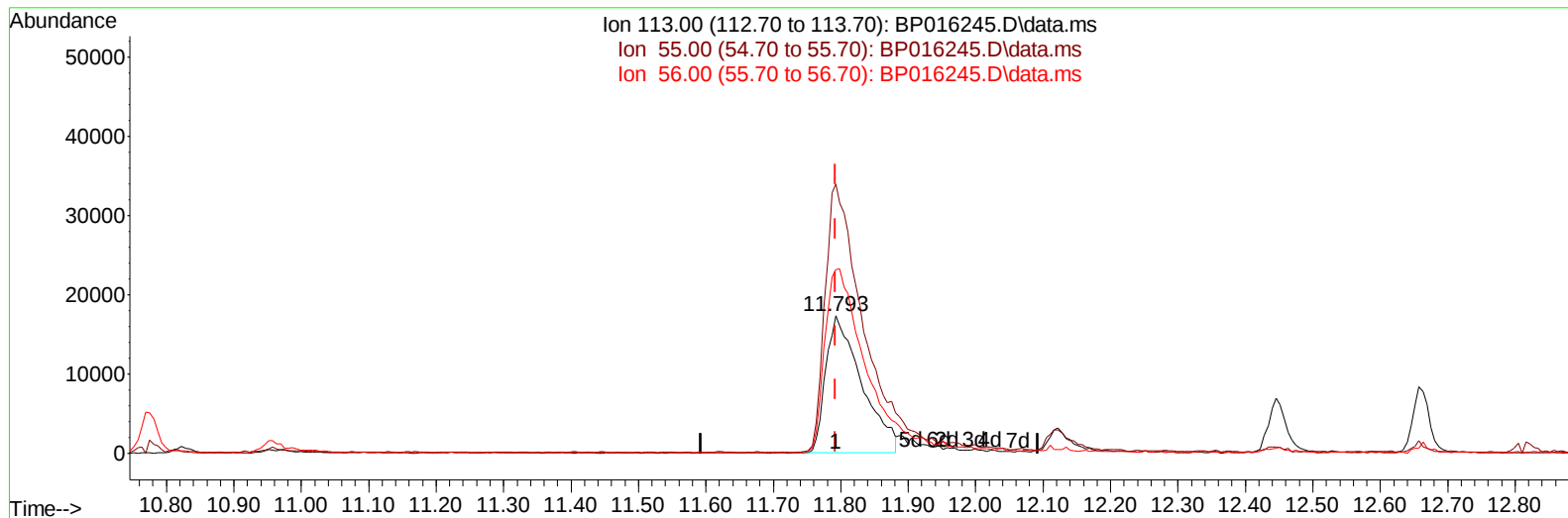
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Instrument :
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 LabSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:15:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
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Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023



TIC: BP016245.D\data.ms

(34) Caprolactam

11.793min (+ 0.000) 19.76 ng/ul

response 64186

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.80	196.25
56.00	129.70	134.09
0.00	0.00	0.00

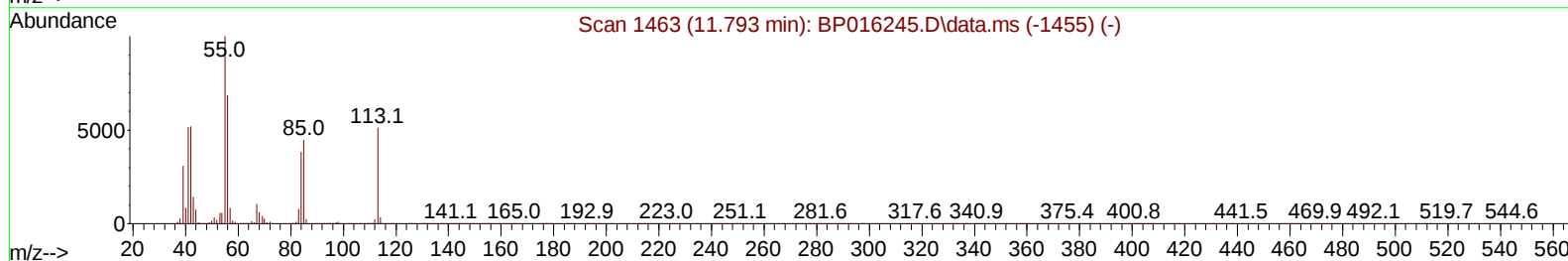
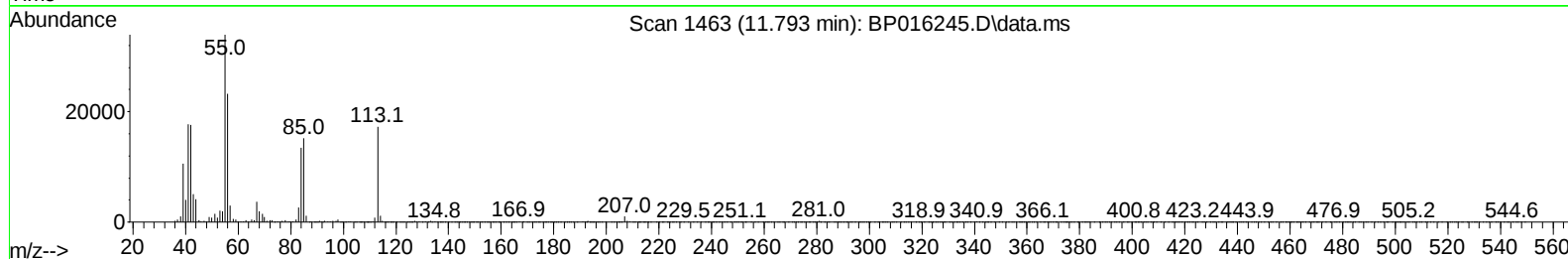
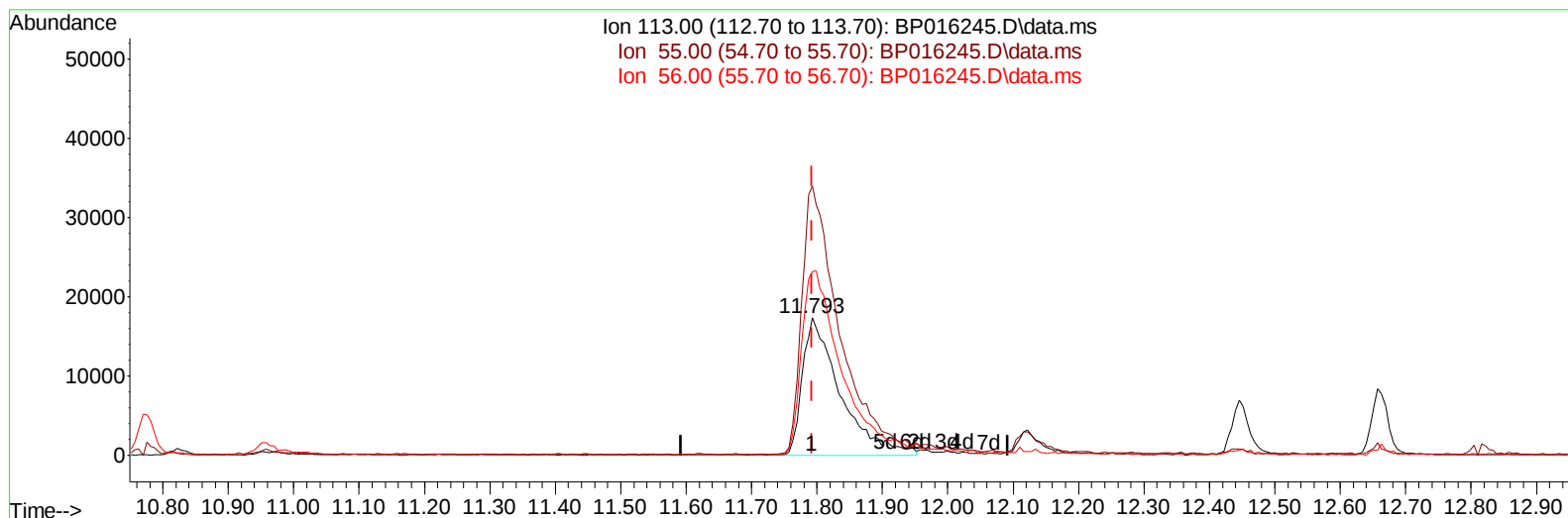
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
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Reviewed By :Yogesh Patel 07/18/2023
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TIC: BP016245.D\data.ms

(34) Caprolactam

11.793min (+ 0.000) 21.41 ng/ul m

response 69547

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.80	196.25
56.00	129.70	134.09
0.00	0.00	0.00

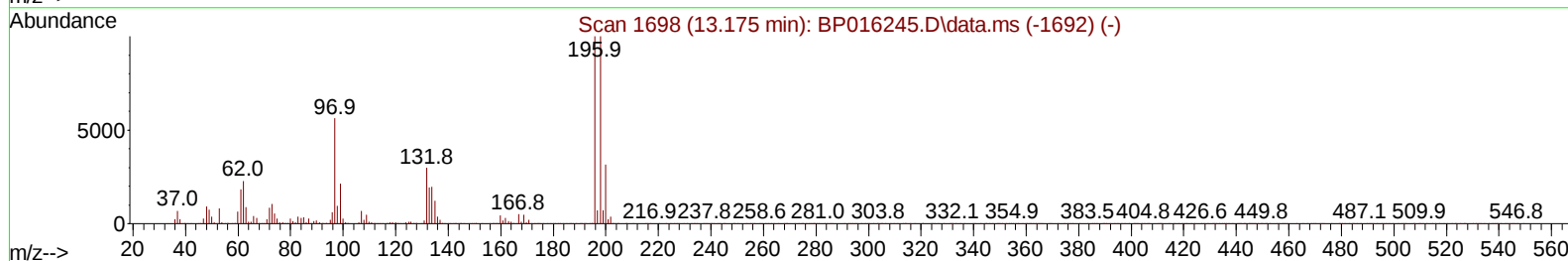
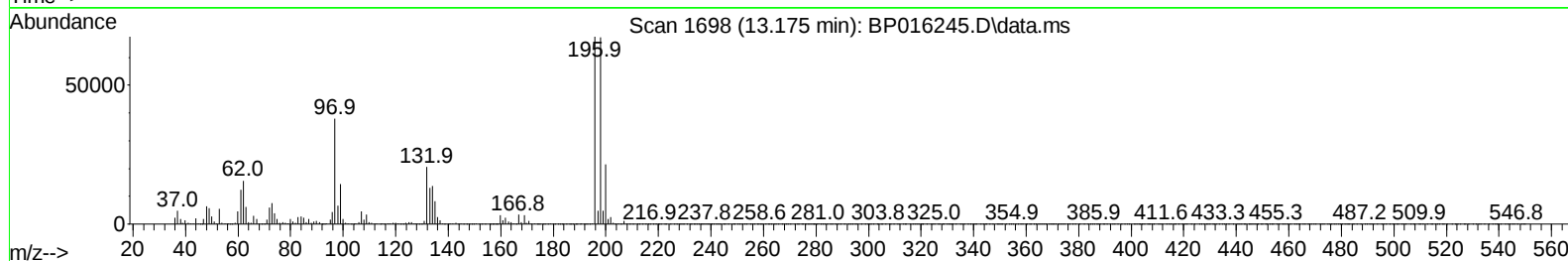
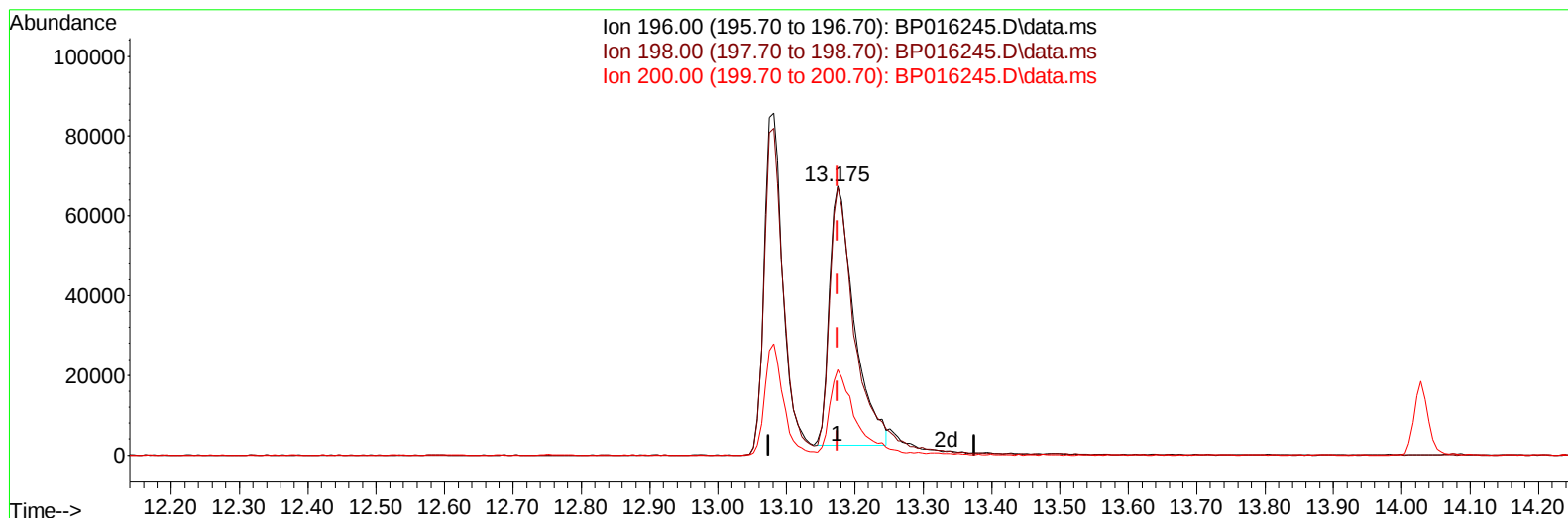
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TIC: BP016245.D\data.ms

(42) 2,4,5-Trichlorophenol

13.175min (+ 0.000) 19.49 ng/u1

response 163190

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	96.80	99.69
200.00	31.60	31.72
0.00	0.00	0.00

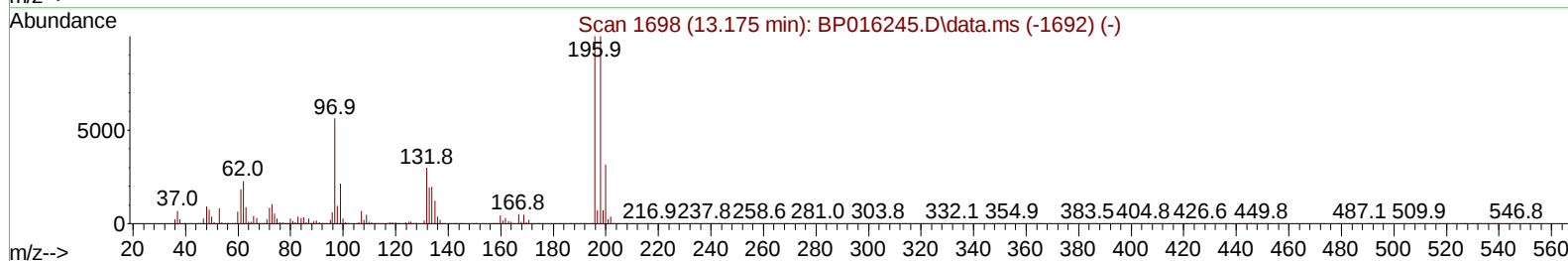
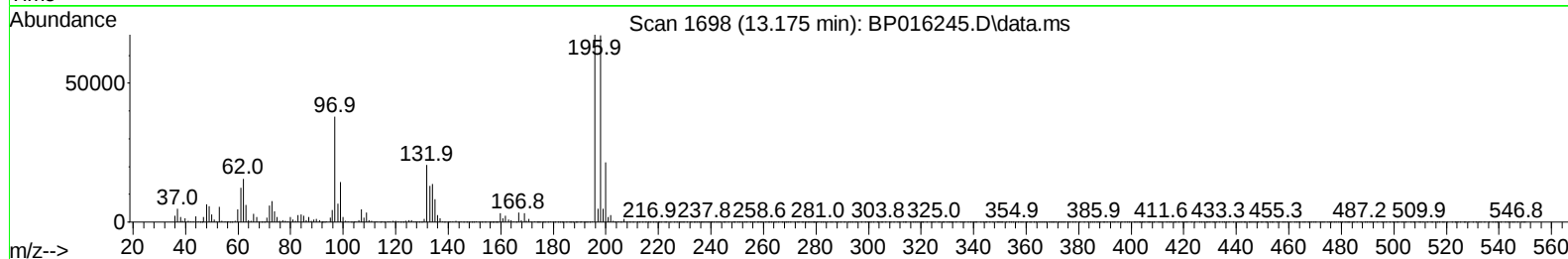
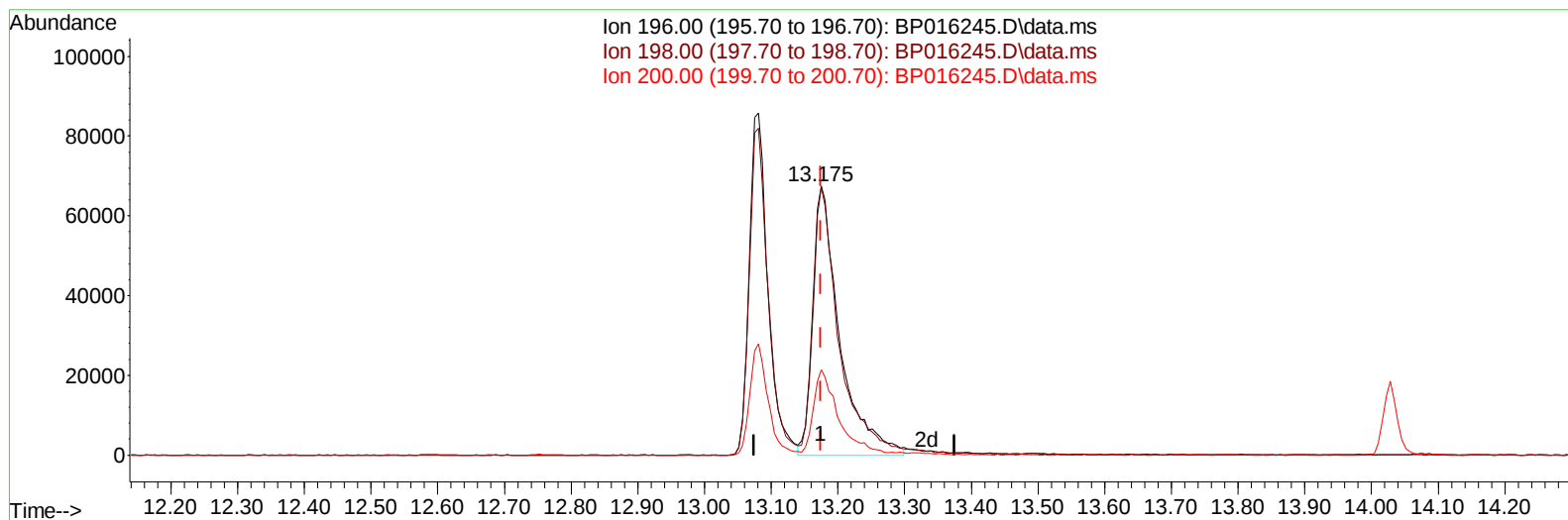
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 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:15:25 2023
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TIC: BP016245.D\data.ms

(42) 2,4,5-Trichlorophenol

13.175min (+ 0.000) 22.68 ng/ul m

response 189919

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	96.80	99.69
200.00	31.60	31.72
0.00	0.00	0.00

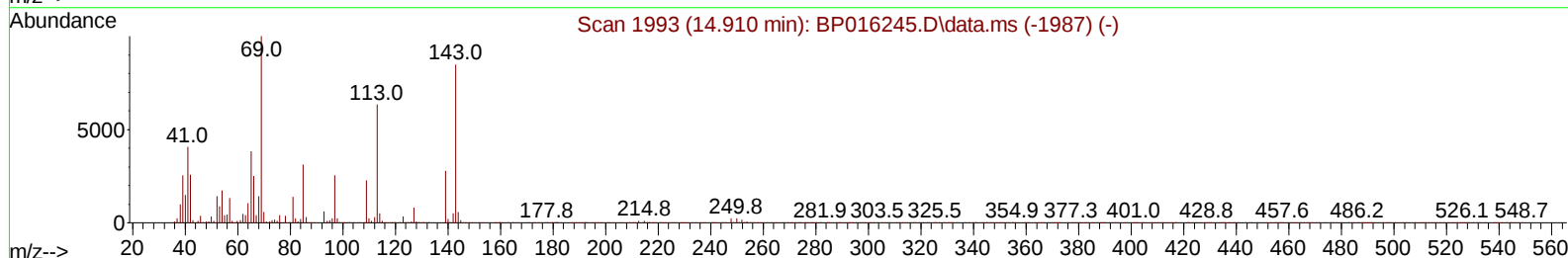
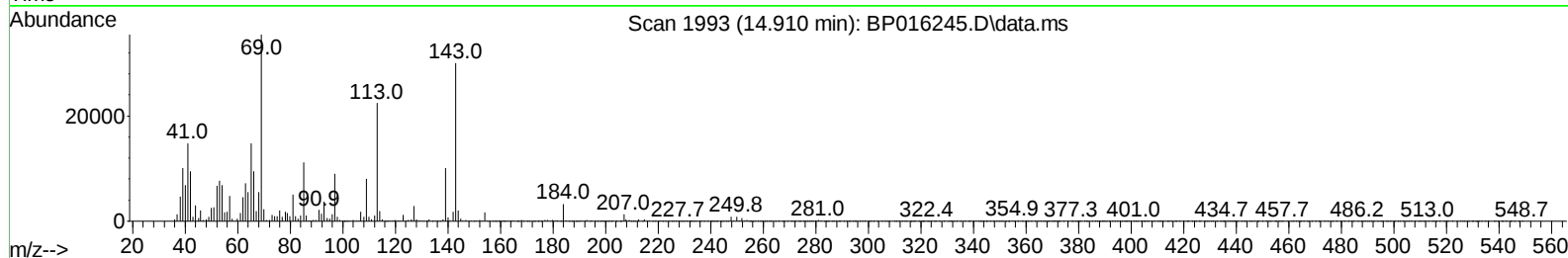
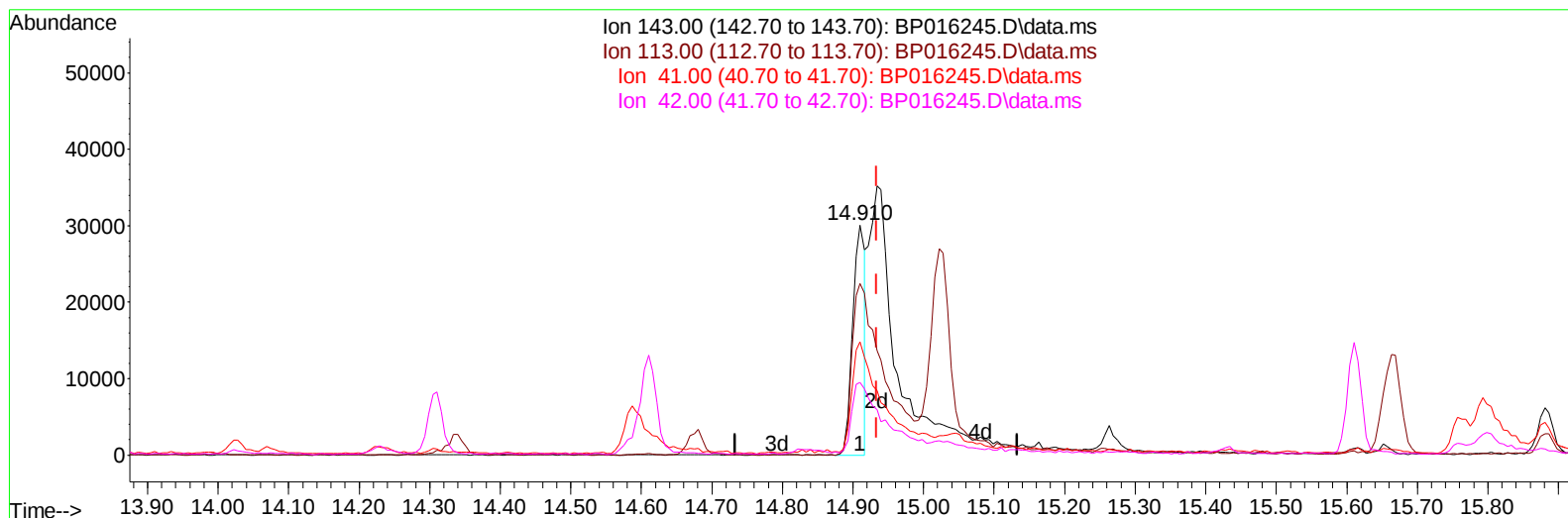
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Instrument :
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 LabSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:16:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
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Reviewed By :Yogesh Patel 07/18/2023
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TIC: BP016245.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.910min (-0.023) 5.39 ng/u1

response 36705

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	74.50
41.00	49.30	49.26
42.00	32.70	31.53

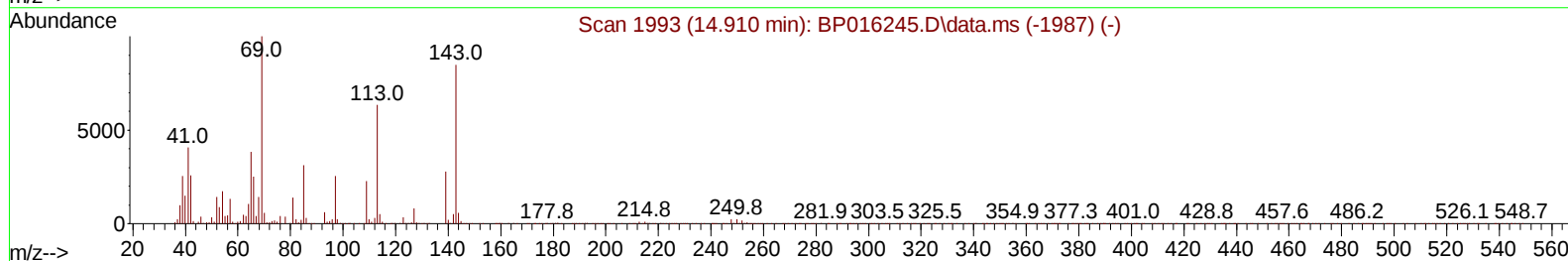
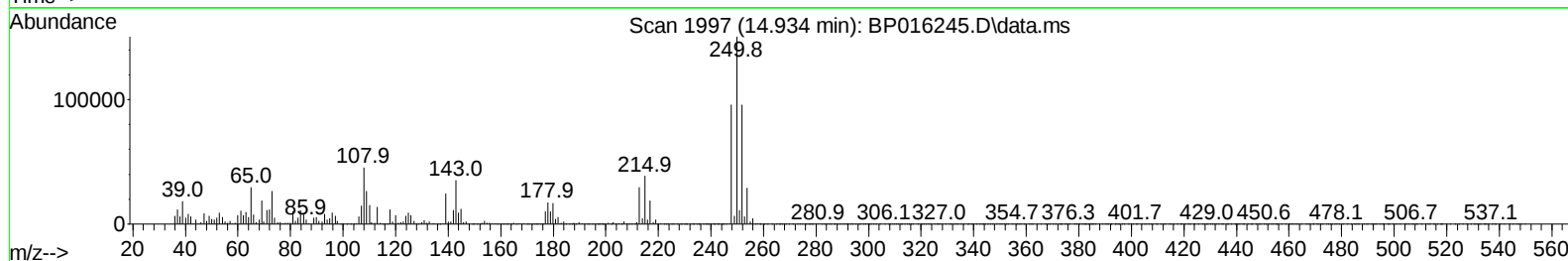
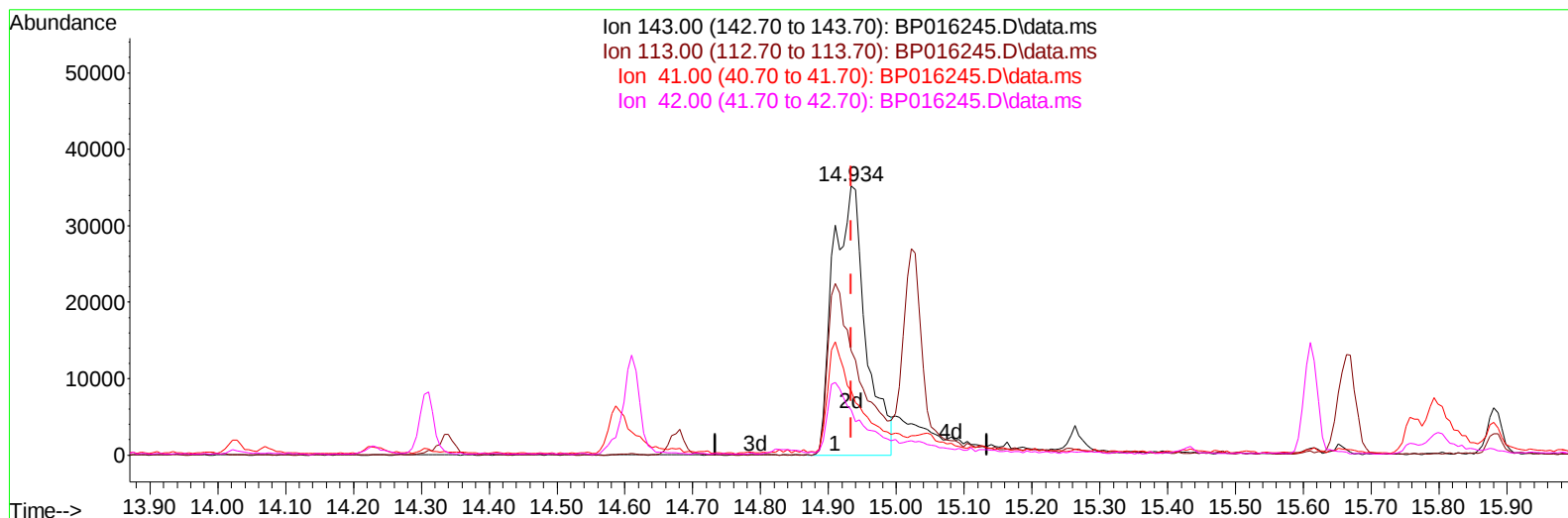
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 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:16:43 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
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Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023



TIC: BP016245.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.934min (+ 0.000) 17.18 ng/ul m

response 117035

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	38.73#
41.00	49.30	23.88#
42.00	32.70	16.87#

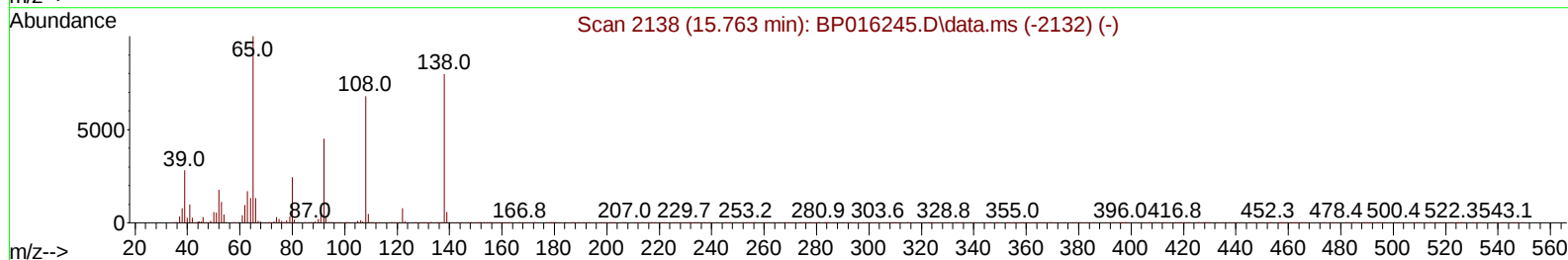
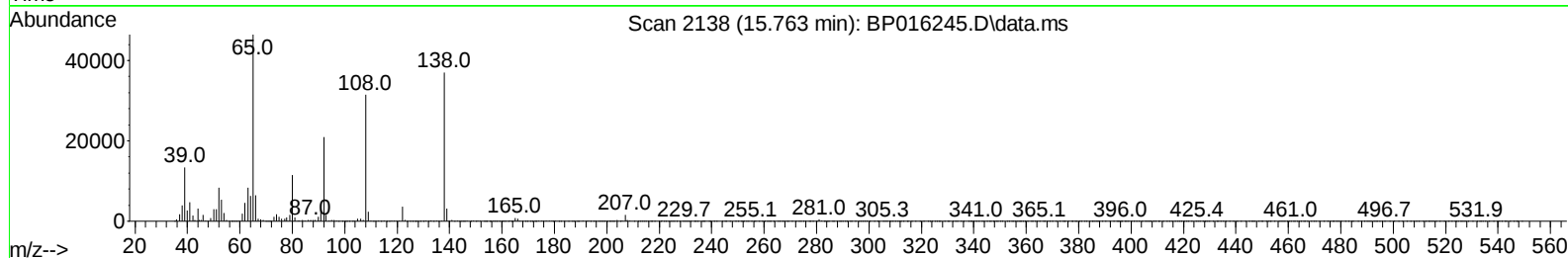
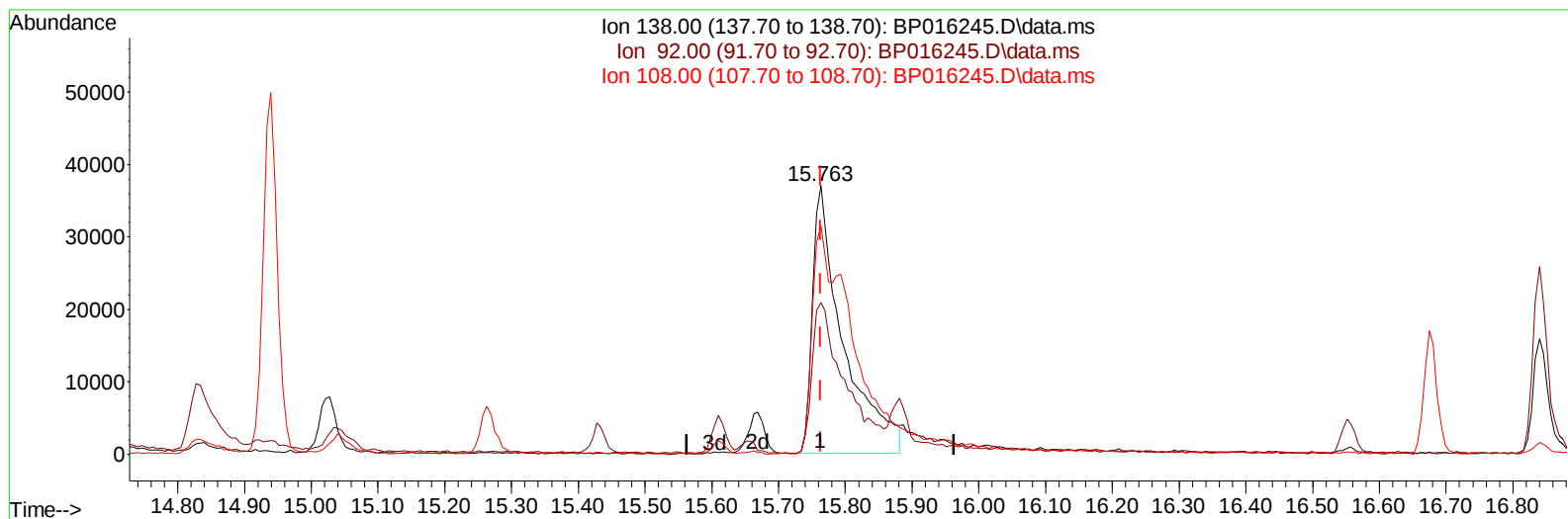
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ALS Vial : 2 Sample Multiplier: 1

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LabSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/18/2023
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TIC: BP016245.D\data.ms

(63) 4-Nitroaniline

15.763min (+ 0.000) 19.66 ng/ul

response 116552

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	58.30	56.59
108.00	85.40	84.89
0.00	0.00	0.00

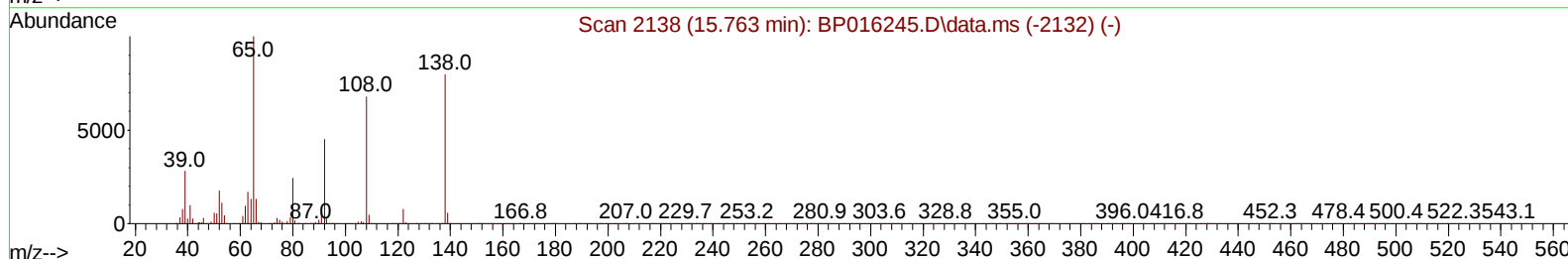
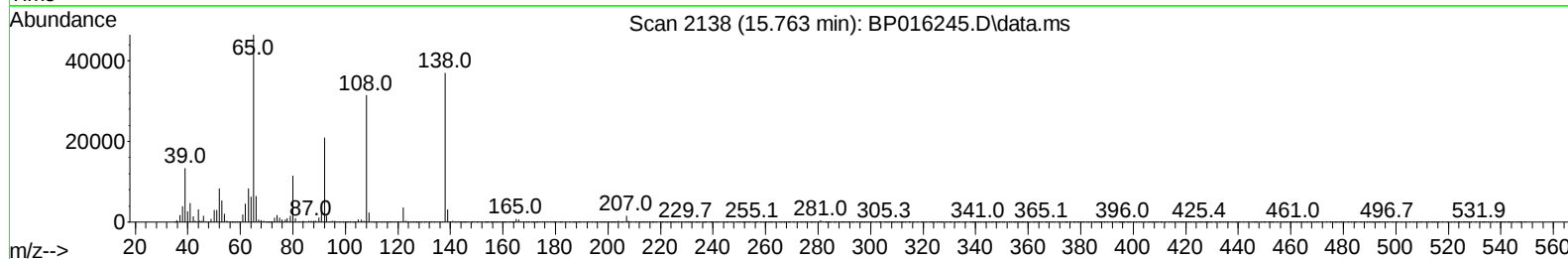
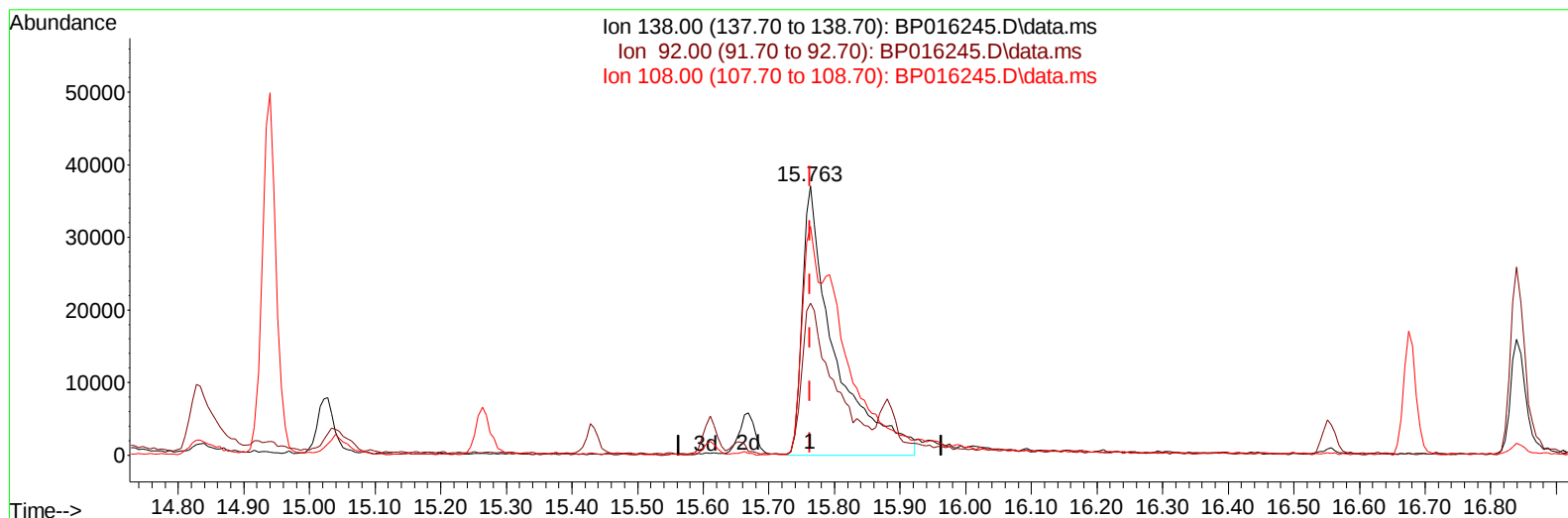
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TIC: BP016245.D\data.ms

(63) 4-Nitroaniline

15.763min (+ 0.000) 21.11 ng/ul m

response 125153

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	58.30	56.59
108.00	85.40	84.89
0.00	0.00	0.00

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 ALS Vial : 2 Sample Multiplier: 1

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 LabSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 17 23:17:35 2023
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Reviewed By :Yogesh Patel 07/18/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	130662	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	640920	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	437676	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1032973	20.000	ng/ul	0.00
79) Chrysene-d12	21.475	240	1154145	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	1343967	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	29772	8.063	ng/uL	0.00
4) Pyridine-d5	3.734	84	187098	20.317	ng/ul	0.00
7) Phenol-d5	7.152	99	242736	20.567	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	158409	19.850	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	189350	22.225	ng/ul	0.00
15) 4-Methylphenol-d8	8.705	113	198101	20.837	ng/ul	0.00
21) Nitrobenzene-d5	9.152	128	95070	21.501	ng/ul	0.00
24) 2-Nitrophenol-d4	9.881	143	104391	20.714	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	197620	22.645	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	283210	20.247	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	672611	20.146	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	772735	21.120	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	117035m	17.177	ng/ul	0.00
60) Fluorene-d10	15.610	176	590272	21.125	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	103130	17.295	ng/ul	0.00
73) Anthracene-d10	17.481	188	973297	21.541	ng/ul	0.00
81) Pyrene-d10	19.716	212	1240977	20.721	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	1390783	21.549	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	32233	7.958	ng/ul#	90
5) Pyridine	3.758	79	192218	20.378	ng/ul	97
6) Benzaldehyde	7.122	77	164889m	22.375	ng/ul	
8) Phenol	7.175	94	259353	20.500	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.381	93	204085	19.836	ng/ul	98
12) 2-Chlorophenol	7.522	128	195727	22.142	ng/ul	99
13) 2-Methylphenol	8.428	108	200245	21.029	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	352066	21.085	ng/ul	99
16) Acetophenone	8.811	105	330597	21.087	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	182221	21.680	ng/ul	99
18) 4-Methylphenol	8.775	108	218380	20.972	ng/ul	99
19) Hexachloroethane	9.016	117	83061	20.611	ng/ul	94
22) Nitrobenzene	9.193	77	266685	20.759	ng/ul	99
23) Isophorone	9.710	82	515530	20.244	ng/ul	99
25) 2-Nitrophenol	9.916	139	115514	21.334	ng/ul	97
26) 2,4-Dimethylphenol	9.969	107	252676	21.220	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.199	93	314530	21.212	ng/ul	100
29) 2,4-Dichlorophenol	10.475	162	200846	22.382	ng/ul	97
30) Naphthalene	10.828	128	714559	21.245	ng/ul	98
32) 4-Chloroaniline	10.981	127	282852	20.331	ng/ul	99
33) Hexachlorobutadiene	11.081	225	128180	21.031	ng/ul	97
34) Caprolactam	11.793	113	69547m	21.408	ng/ul	
35) 4-Chloro-3-methylphenol	12.116	107	234813	21.204	ng/ul	96

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Manual IntegrationsAPPROVED

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 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.446	142	485006	21.506	ng/ul	98
37) 1-Methylnaphthalene	12.657	142	503053	21.690	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.816	216	259593	20.825	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	81335	16.621	ng/ul	98
41) 2,4,6-Trichlorophenol	13.081	196	166488	21.140	ng/ul	96
42) 2,4,5-Trichlorophenol	13.175	196	189919m	22.683	ng/ul	
43) 1,1'-Biphenyl	13.446	154	671817	21.042	ng/ul	99
44) 2-Chloronaphthalene	13.499	162	527948	21.047	ng/ul	99
45) 2-Nitroaniline	13.746	65	165405	20.234	ng/ul	94
47) Dimethylphthalate	14.075	163	682345	20.235	ng/ul	100
48) 2,6-Dinitrotoluene	14.228	165	127307	20.026	ng/ul	99
50) Acenaphthylene	14.340	152	891271	21.209	ng/ul	99
51) 3-Nitroaniline	14.587	138	128629	19.925	ng/ul	95
52) Acenaphthene	14.675	153	592565	20.849	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	83198	18.698	ng/ul	98
55) 4-Nitrophenol	14.934	109	81516	15.721	ng/ul	95
56) Dibenzofuran	15.022	168	825835	21.332	ng/ul	98
57) 2,4-Dinitrotoluene	15.040	165	202408	21.584	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.263	232	164110	21.597	ng/ul	100
59) Diethylphthalate	15.428	149	704810	20.099	ng/ul	99
61) Fluorene	15.669	166	689922	21.333	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	331605	21.200	ng/ul	98
63) 4-Nitroaniline	15.763	138	125153m	21.109	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.816	198	110504	17.730	ng/ul	99
67) N-Nitrosodiphenylamine	15.881	169	577270	21.084	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	206539	21.040	ng/ul	98
69) Hexachlorobenzene	16.681	284	246899	20.885	ng/ul	98
70) Atrazine	16.840	200	213870	19.698	ng/ul	96
71) Pentachlorophenol	17.051	266	118698	20.022	ng/ul	96
72) Phenanthrene	17.422	178	1150287	21.372	ng/ul	100
74) Anthracene	17.522	178	1171527	21.662	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	284296	20.965	ng/uL	99
76) Pentachlorobenzene	14.940	250	269063	21.020	ng/uL	99
77) Carbazole	17.816	167	1059293	21.482	ng/ul	100
78) Di-n-butylphthalate	18.316	149	1276252	20.661	ng/ul	99
80) Fluoranthene	19.392	202	1438954	20.547	ng/ul	99
82) Pyrene	19.751	202	1536312	20.547	ng/ul	98
83) Butylbenzylphthalate	20.592	149	648613	20.114	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	510633	18.936	ng/ul	99
85) Benzo(a)anthracene	21.457	228	1627455	21.654	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	985514	20.458	ng/ul	100
87) Chrysene	21.516	228	1586230	20.834	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	1779153	21.134	ng/ul	100
90) Benzo(b)fluoranthene	23.198	252	1700831	22.155	ng/ul	99
91) Benzo(k)fluoranthene	23.251	252	1684930	21.567	ng/ul	99
93) Benzo(a)pyrene	23.863	252	1611126	21.185	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.610	276	1789132	18.999	ng/ul	100
95) Dibenzo(a,h)anthracene	26.610	278	1472403	19.168	ng/ul	100
96) Benzo(g,h,i)perylene	27.433	276	1400523	18.632	ng/ul	99

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

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2023
Supervised By :mohammad ahmed 07/18/2023

