

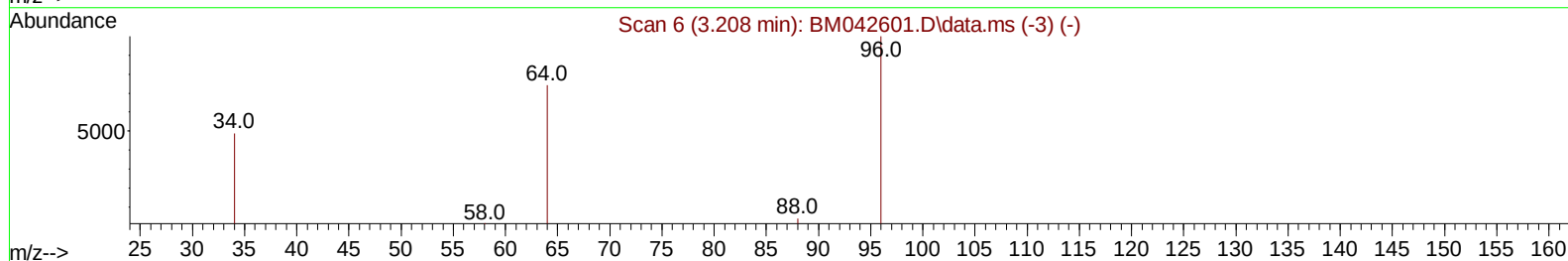
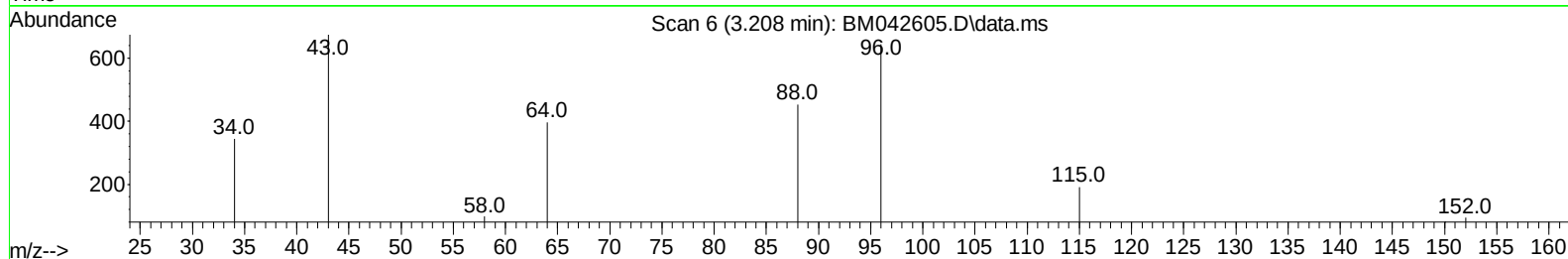
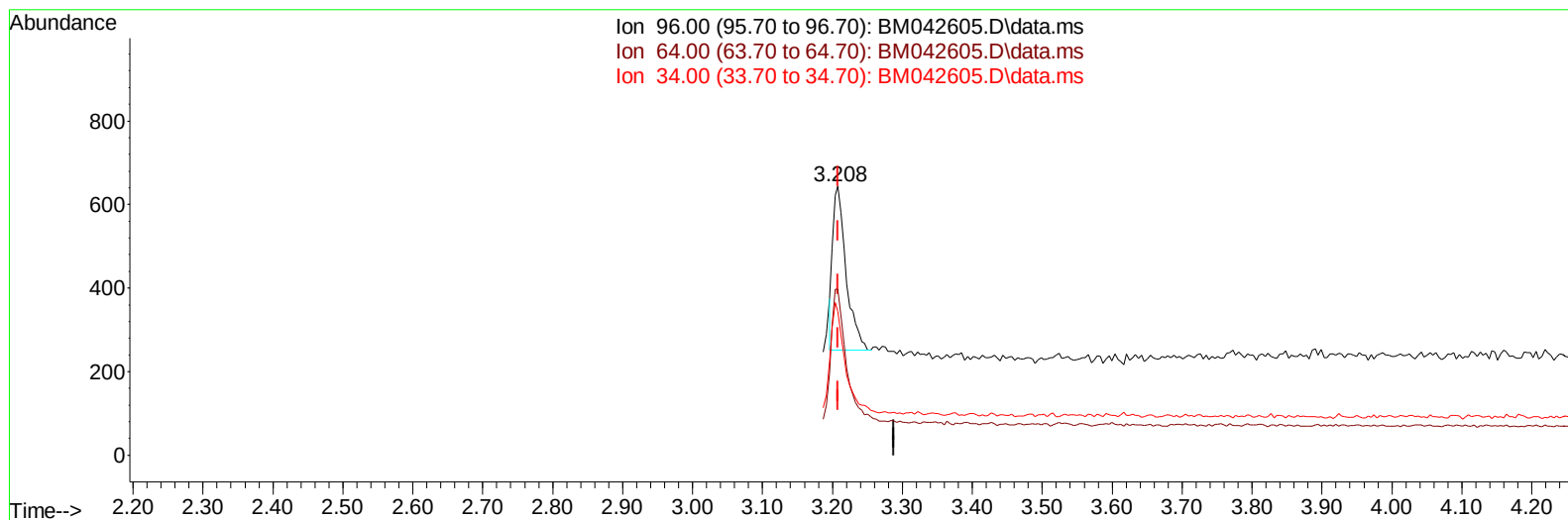
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 Data File : BM042605.D
 Acq On : 07 Nov 2023 00:44
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020605

Manual IntegrationsAPPROVED

Quant Time: Nov 07 02:24:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BM042605.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.208min (-0.000) 0.41 ng/u1

response 527

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	64.60	61.65
34.00	55.20	53.42
0.00	0.00	0.00

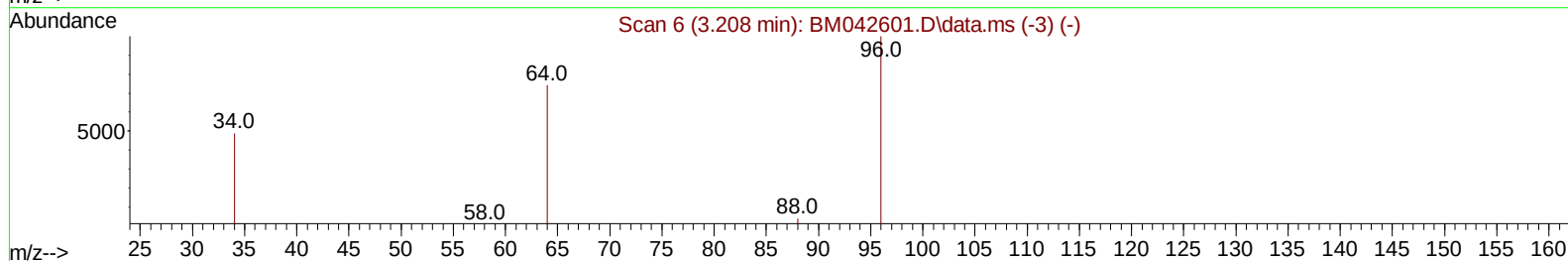
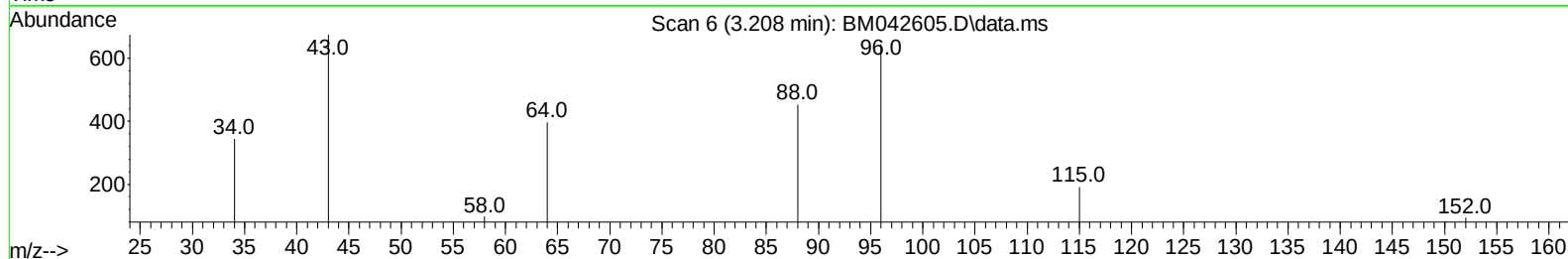
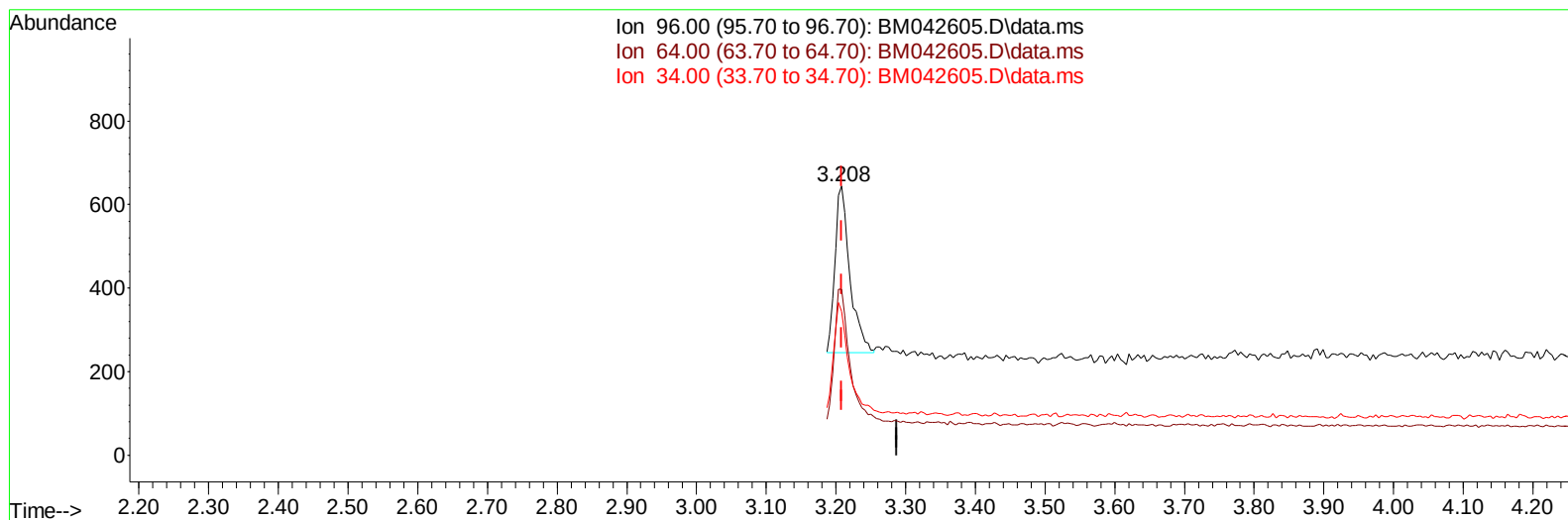
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110623\
Data File : BM042605.D
Acq On : 07 Nov 2023 00:44
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020605

Manual IntegrationsAPPROVED

Quant Time: Nov 07 02:24:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 02:23:03 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023



TIC: BM042605.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.208min (-0.000) 0.45 ng/ul m

response 588

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	64.60	61.65
34.00	55.20	53.42
0.00	0.00	0.00

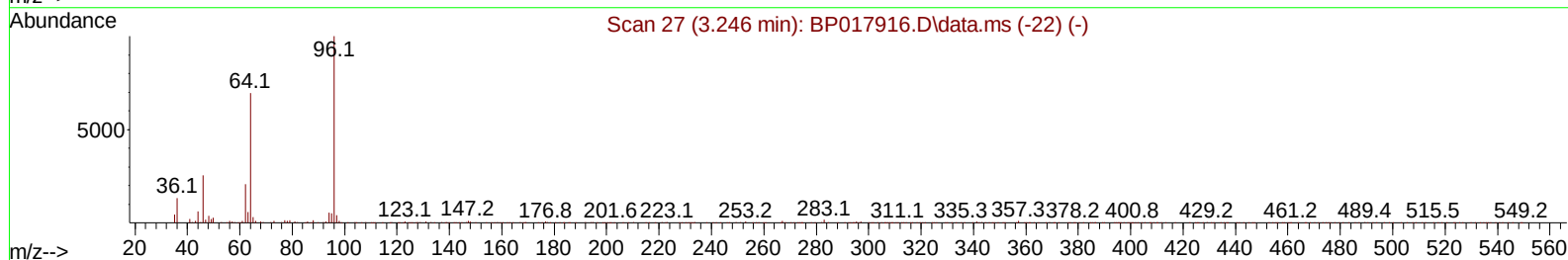
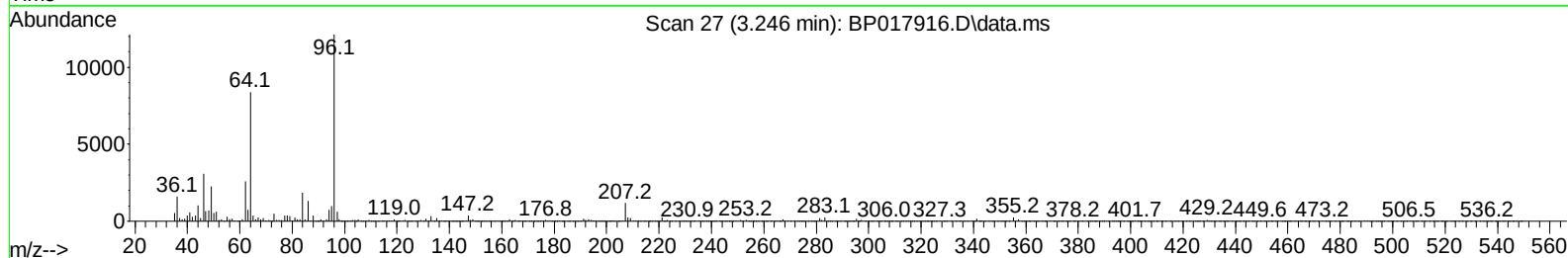
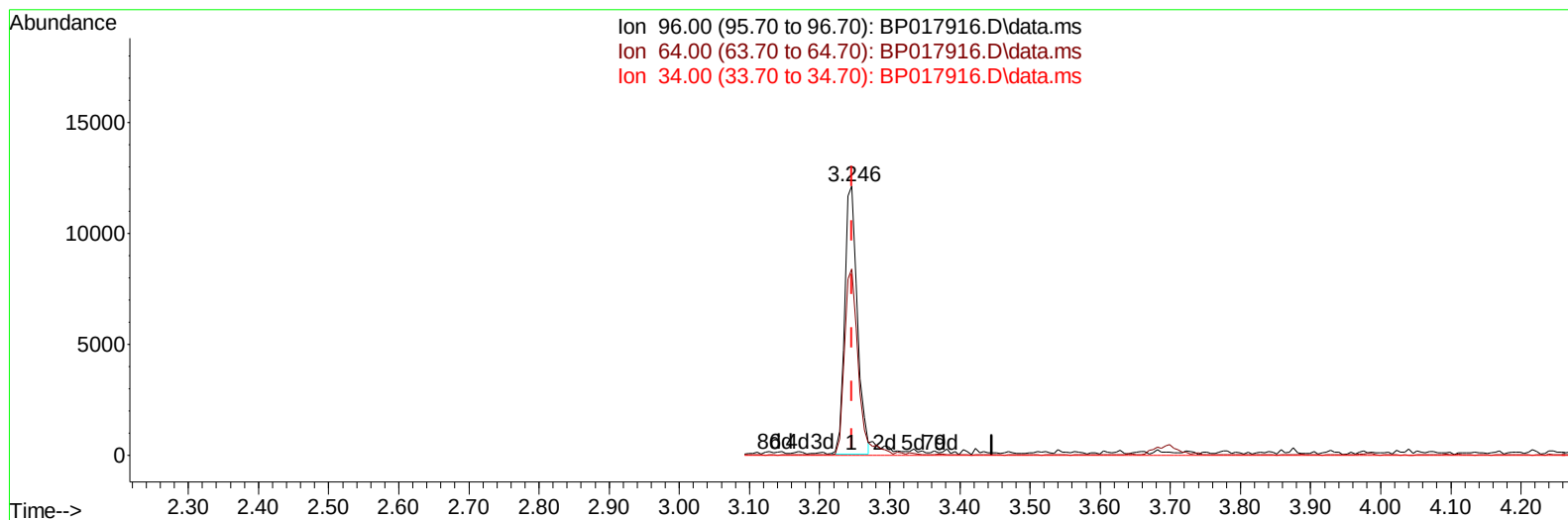
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110623\
 Data File : BP017916.D
 Acq On : 06 Nov 2023 16:29
 Operator : MA/JU
 Sample : SST02042
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST020605

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:07:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:03:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BP017916.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.246min (0.000) 7.32 ng/uL

response 15100

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	69.20	69.17
34.00	0.00	0.00
0.00	0.00	0.00

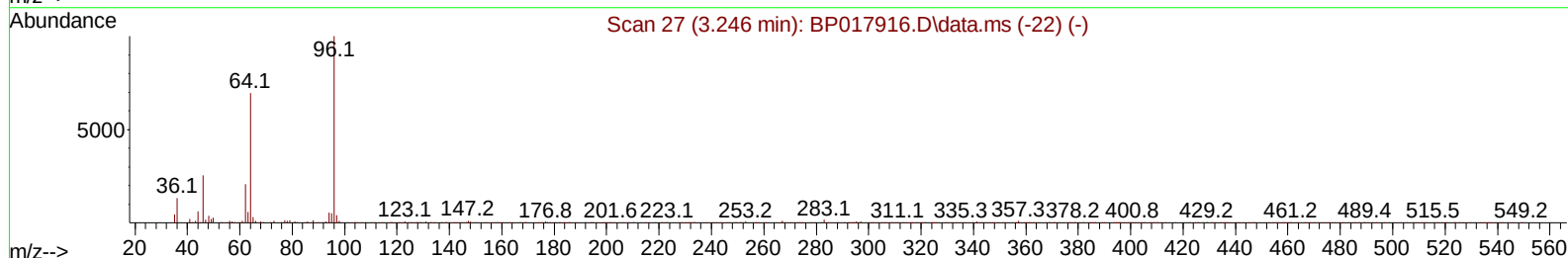
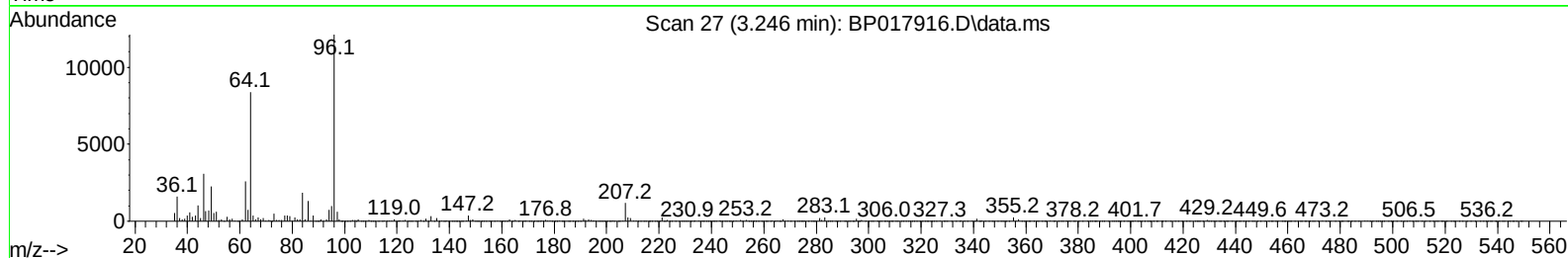
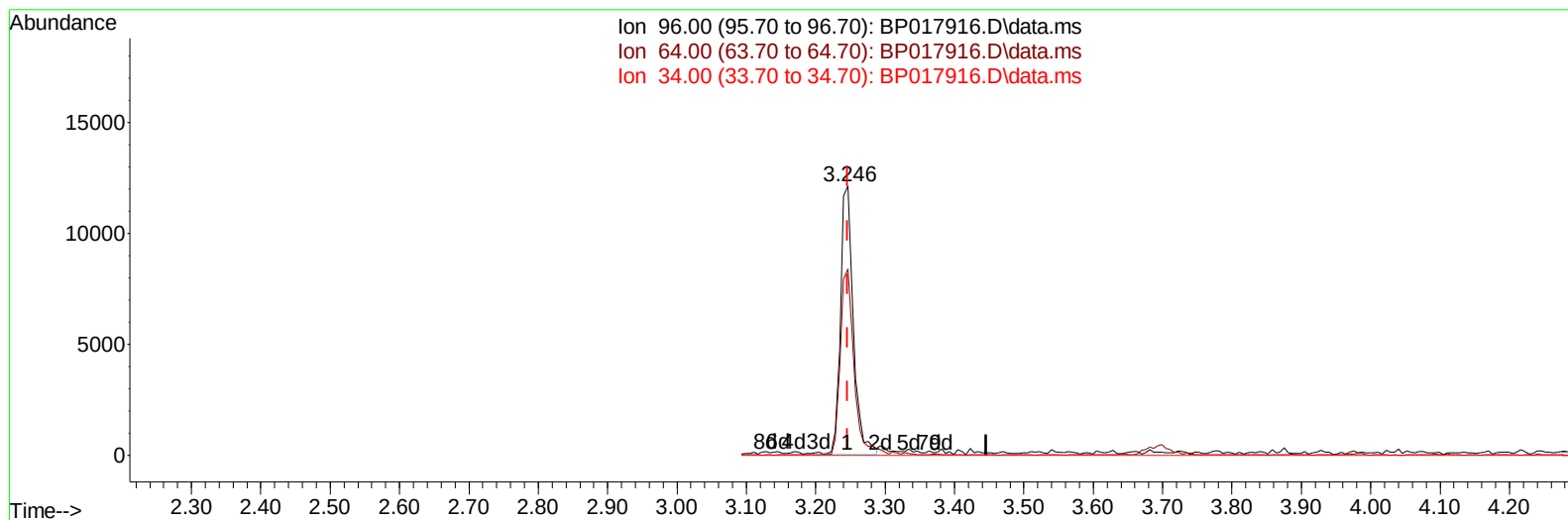
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110623\
 Data File : BP017916.D
 Acq On : 06 Nov 2023 16:29
 Operator : MA/JU
 Sample : SST02042
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST020605

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:07:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:03:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BP017916.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.246min (0.000) 7.56 ng/uL m

response 15601

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	69.20	69.17
34.00	0.00	0.00
0.00	0.00	0.00

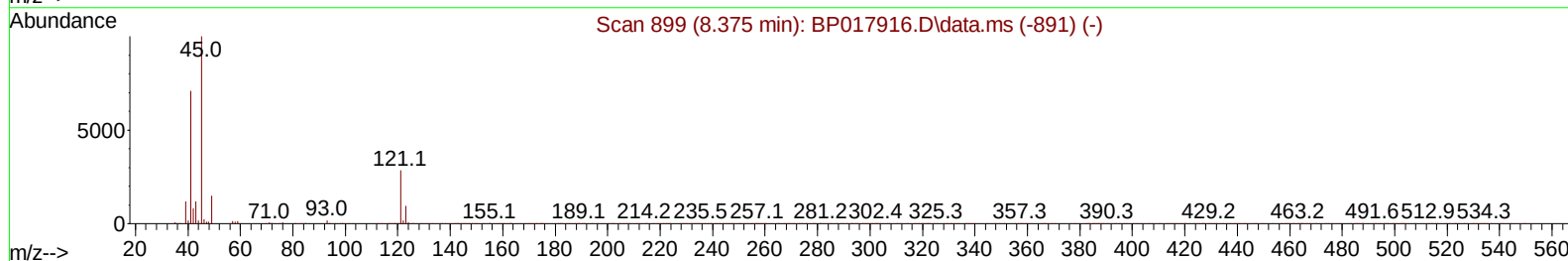
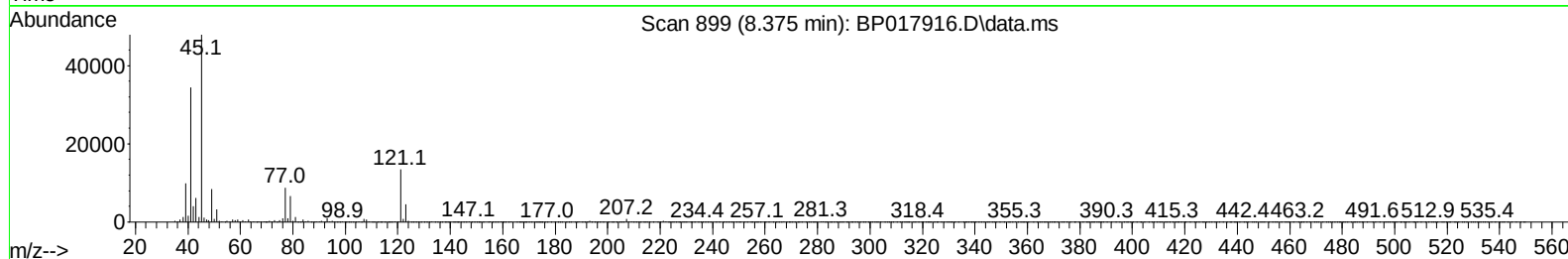
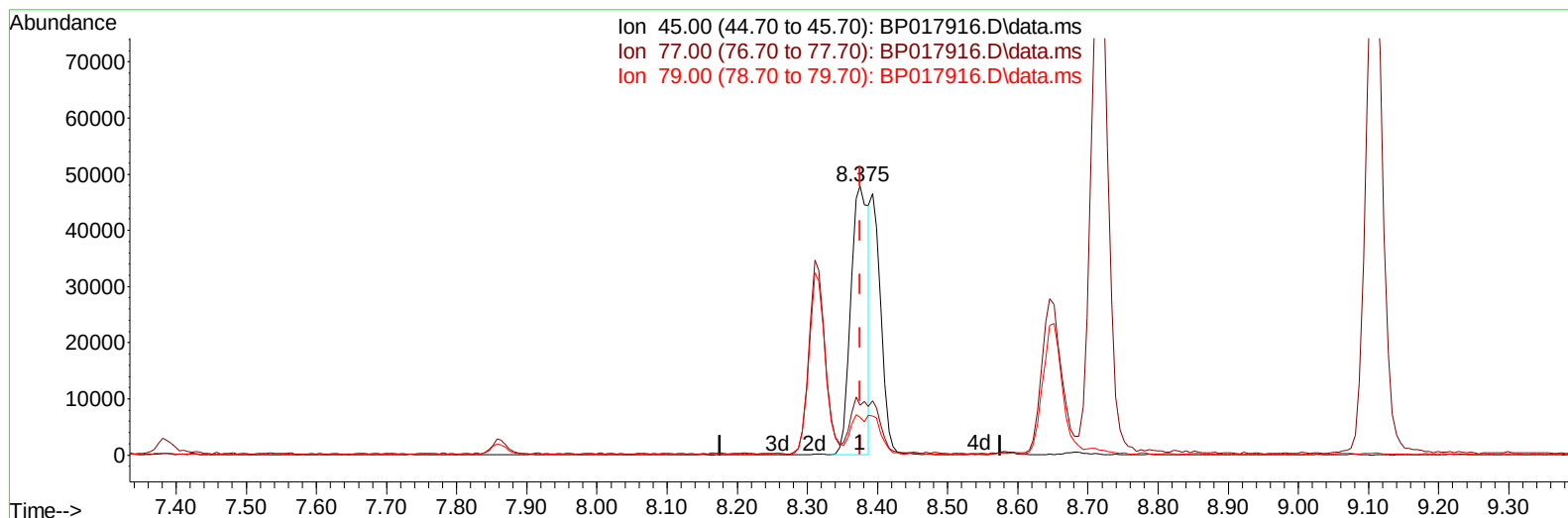
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110623\
 Data File : BP017916.D
 Acq On : 06 Nov 2023 16:29
 Operator : MA/JU
 Sample : SSTD02042
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020605

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:07:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:03:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BP017916.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.375min (0.000) 12.62 ng/u1

response 83580

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.50	18.48
79.00	14.00	13.98
0.00	0.00	0.00

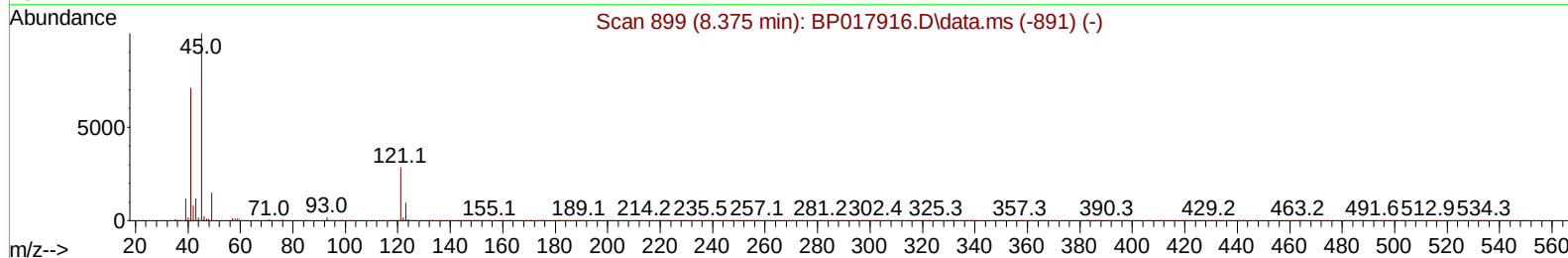
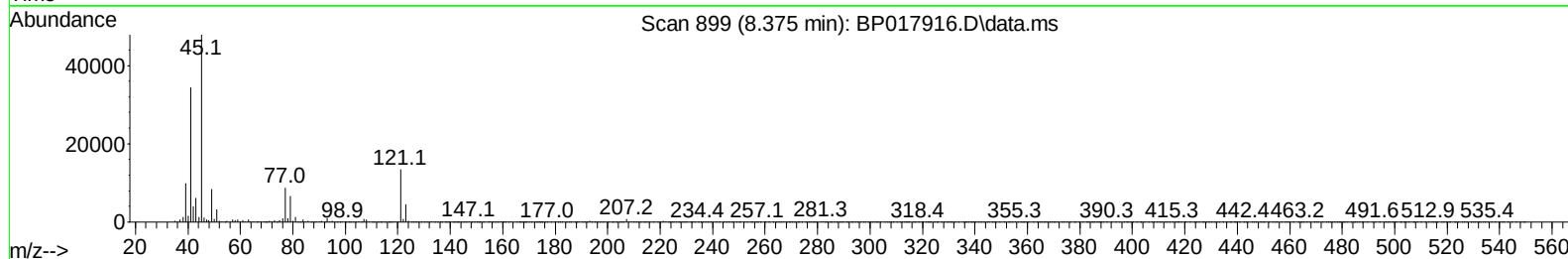
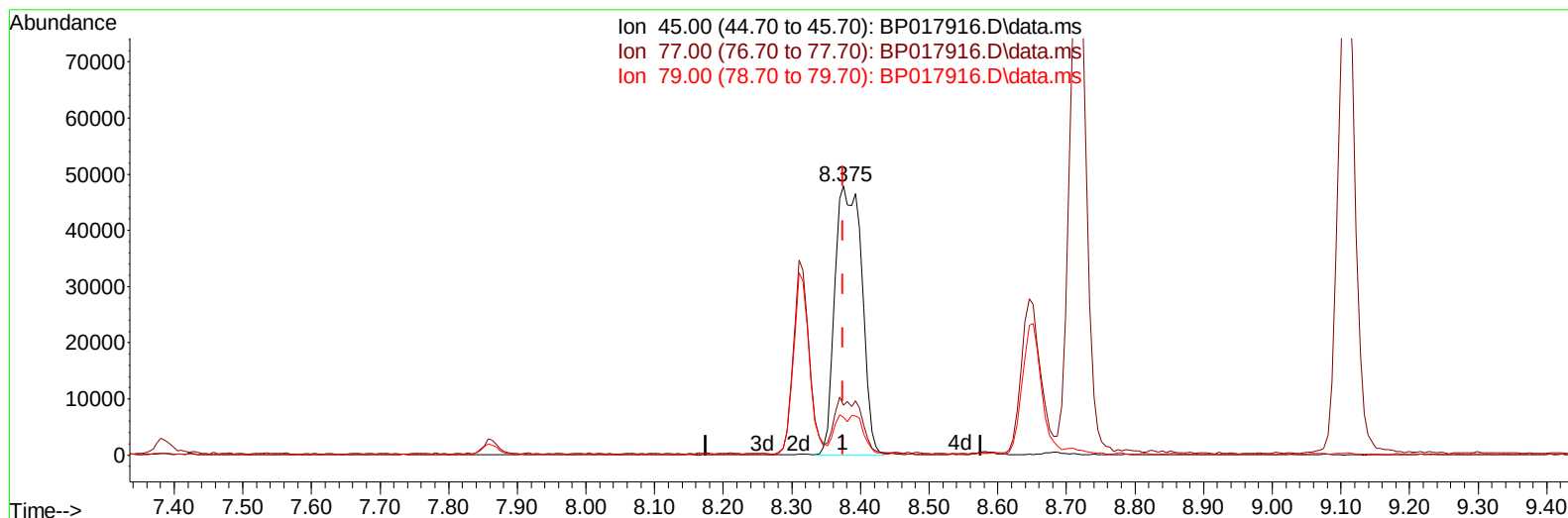
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110623\
 Data File : BP017916.D
 Acq On : 06 Nov 2023 16:29
 Operator : MA/JU
 Sample : SSTD02042
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020605

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:07:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:03:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BP017916.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.375min (0.000) 19.73 ng/ul m

response 130648

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.50	18.48
79.00	14.00	13.98
0.00	0.00	0.00

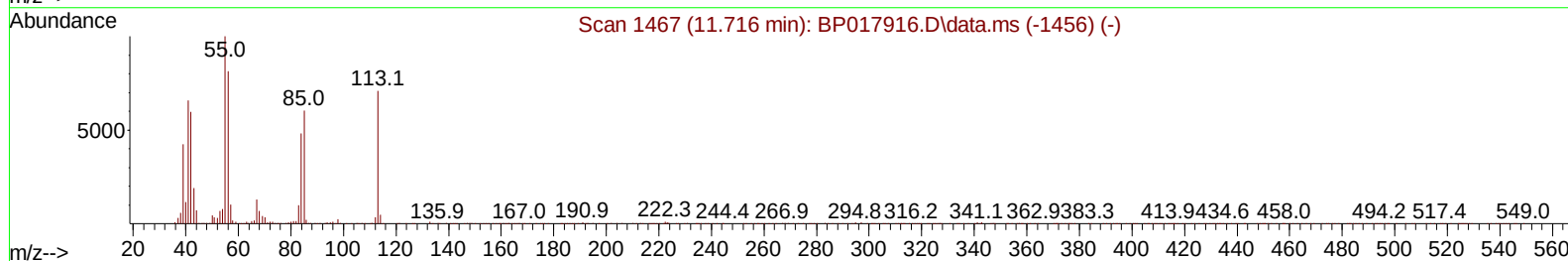
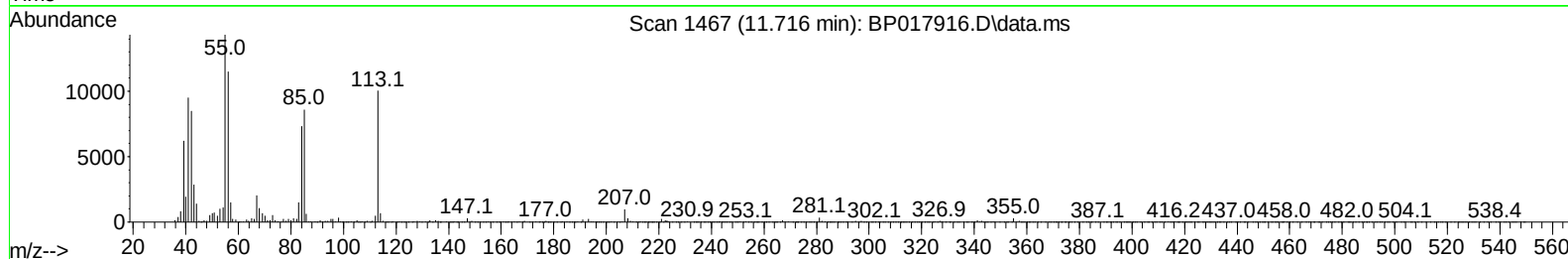
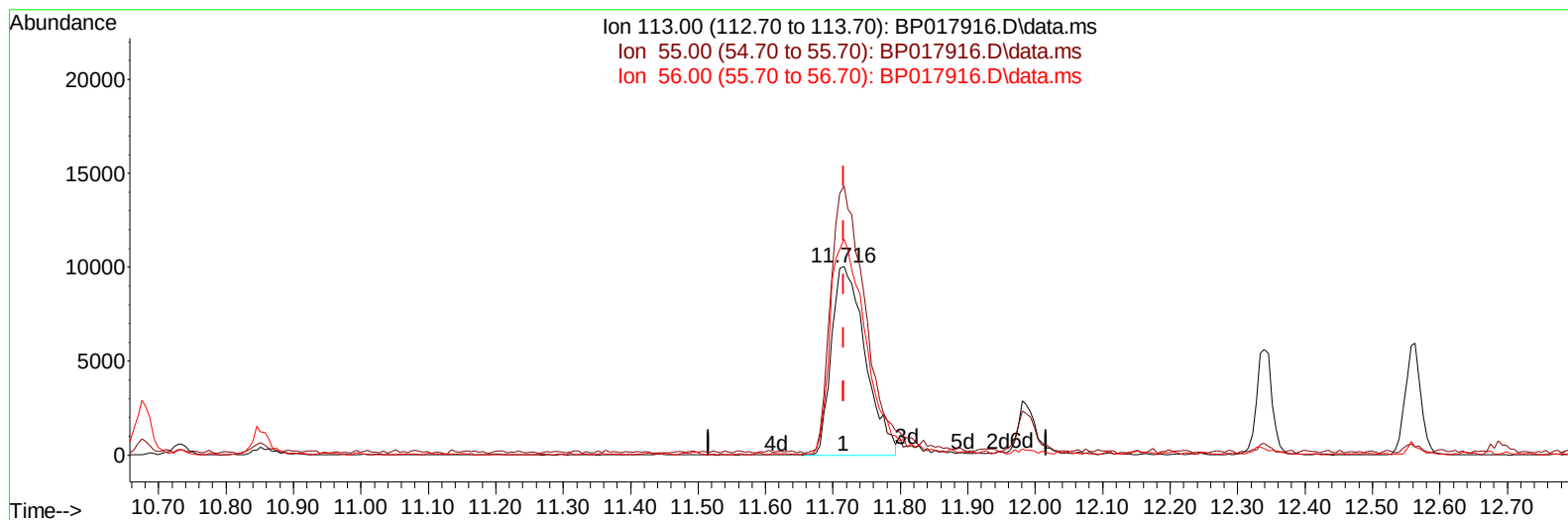
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110623\
 Data File : BP017916.D
 Acq On : 06 Nov 2023 16:29
 Operator : MA/JU
 Sample : SSTD02042
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020605

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:07:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:03:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BP017916.D\data.ms

(34) Caprolactam

11.716min (0.000) 17.52 ng/ul

response 34927

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.60	142.65
56.00	114.60	114.57
0.00	0.00	0.00

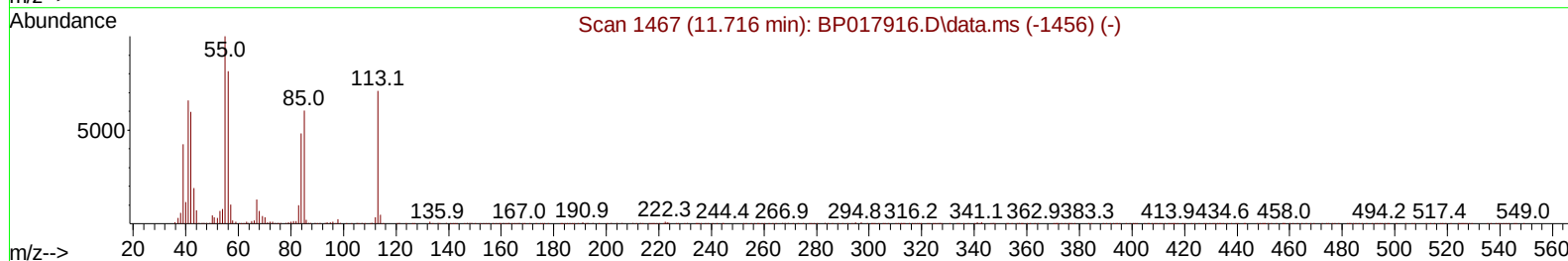
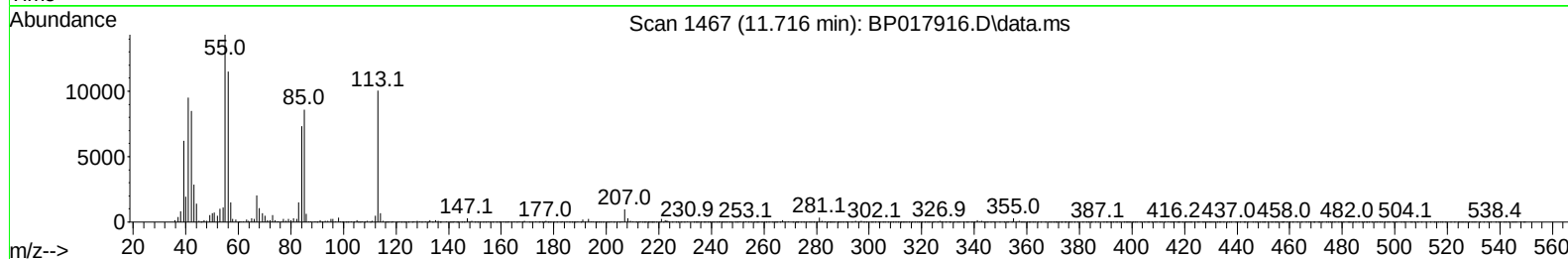
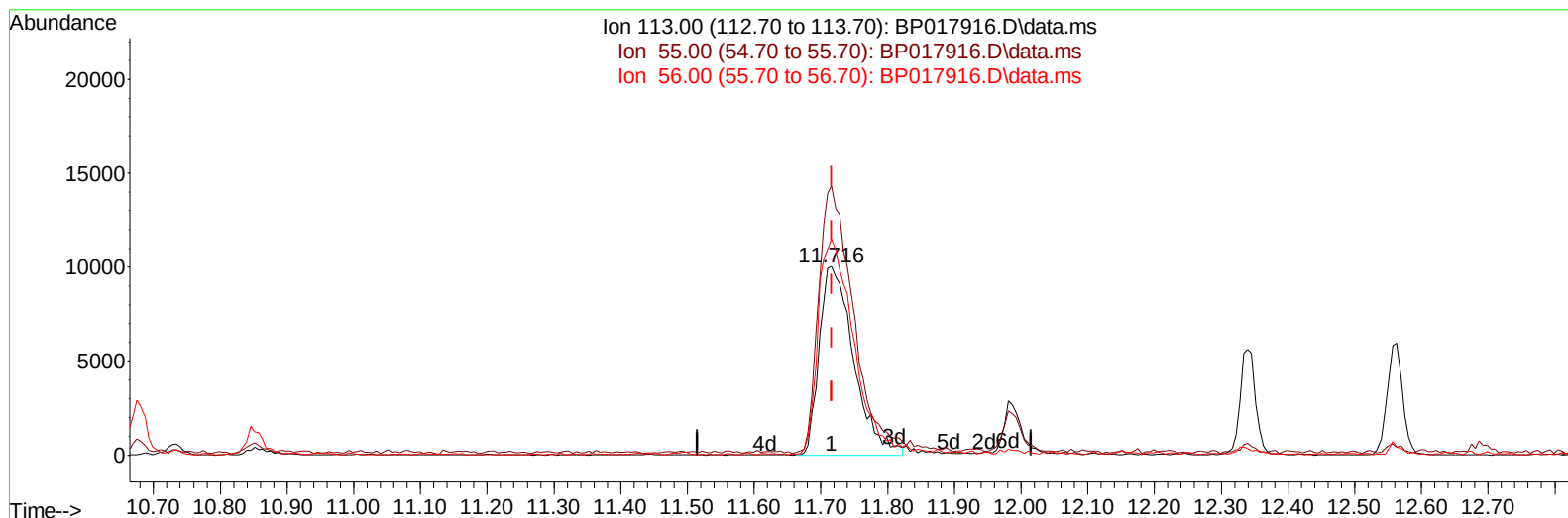
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110623\
 Data File : BP017916.D
 Acq On : 06 Nov 2023 16:29
 Operator : MA/JU
 Sample : SSTD02042
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020605

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:07:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:03:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :mohammad ahmed 11/08/2023



TIC: BP017916.D\data.ms

(34) Caprolactam

11.716min (0.000) 18.01 ng/ul m

response 35900

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.60	142.65
56.00	114.60	114.57
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110623\
 Data File : BP017916.D
 Acq On : 06 Nov 2023 16:29
 Operator : MA/JU
 Sample : SST02042
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST020605

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:18:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:03:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :mohammad ahmed 11/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	77846	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	379576	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	253972	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	584279	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	427885	20.000	ng/ul	0.00
88) Perylene-d12	23.898	264	457246	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	15601m	7.559	ng/uL	0.00
4) Pyridine-d5	3.675	84	106792	18.918	ng/ul	0.00
7) Phenol-d5	7.028	99	133802	18.329	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	84867	19.272	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	110819	19.334	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	113937	18.883	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	56236	17.266	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	63708	16.884	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	132651	19.280	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	173302	18.672	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	437959	18.640	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	483320	18.818	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	58213	17.001	ng/ul	0.00
60) Fluorene-d10	15.522	176	368243	18.807	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	76119	17.815	ng/ul	0.00
73) Anthracene-d10	17.398	188	584716	18.392	ng/ul	0.00
81) Pyrene-d10	19.645	212	552644	19.386	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	489950	18.230	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	16788	7.342	ng/uL	100
5) Pyridine	3.699	79	111398	18.981	ng/ul	100
6) Benzaldehyde	7.028	77	91922	22.639	ng/ul	100
8) Phenol	7.058	94	132403	18.437	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.305	93	111148	19.325	ng/ul	100
12) 2-Chlorophenol	7.416	128	111072	19.446	ng/ul	100
13) 2-Methylphenol	8.316	108	105493	19.108	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.375	45	130648m	19.733	ng/ul	
16) Acetophenone	8.716	105	186338	19.244	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.681	70	100346	19.068	ng/ul	100
18) 4-Methylphenol	8.652	108	113199	19.060	ng/ul	100
19) Hexachloroethane	8.916	117	55379	19.042	ng/ul	100
22) Nitrobenzene	9.110	77	156906	17.962	ng/ul	100
23) Isophorone	9.616	82	279804	17.519	ng/ul	100
25) 2-Nitrophenol	9.810	139	66202	17.015	ng/ul	100
26) 2,4-Dimethylphenol	9.852	107	140693	17.309	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.104	93	152948	17.335	ng/ul	100
29) 2,4-Dichlorophenol	10.328	162	127664	18.954	ng/ul	100
30) Naphthalene	10.728	128	427575	18.627	ng/ul	100
32) 4-Chloroaniline	10.875	127	166676	18.699	ng/ul	100
33) Hexachlorobutadiene	10.946	225	107196	19.637	ng/ul	100
34) Caprolactam	11.716	113	35900m	18.012	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	140792	18.667	ng/ul	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110623\
 Data File : BP017916.D
 Acq On : 06 Nov 2023 16:29
 Operator : MA/JU
 Sample : SST02042
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST020605

Manual IntegrationsAPPROVED

Quant Time: Nov 07 03:18:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:03:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/08/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	298350	18.862	ng/ul	100
37) 1-Methylnaphthalene	12.563	142	305557	18.779	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	180199	19.666	ng/ul	100
40) Hexachlorocyclopentadiene	12.628	237	83333	17.787	ng/ul	100
41) 2,4,6-Trichlorophenol	12.957	196	111996	19.180	ng/ul	100
42) 2,4,5-Trichlorophenol	13.034	196	116533	19.082	ng/ul	100
43) 1,1'-Biphenyl	13.357	154	405476	18.667	ng/ul	100
44) 2-Chloronaphthalene	13.404	162	328463	18.890	ng/ul	100
45) 2-Nitroaniline	13.651	65	93862	18.123	ng/ul	100
47) Dimethylphthalate	13.992	163	433266	18.702	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	87420	19.072	ng/ul	100
50) Acenaphthylene	14.251	152	538433	18.700	ng/ul	100
51) 3-Nitroaniline	14.487	138	80869	19.695	ng/ul	100
52) Acenaphthene	14.587	153	354958	18.567	ng/ul	100
53) 2,4-Dinitrophenol	14.704	184	42750	16.662	ng/ul	100
55) 4-Nitrophenol	14.792	109	76630	18.623	ng/ul	100
56) Dibenzofuran	14.928	168	495778	18.668	ng/ul	100
57) 2,4-Dinitrotoluene	14.934	165	129282	19.020	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.151	232	110107	19.398	ng/ul	100
59) Diethylphthalate	15.345	149	449355	18.588	ng/ul	100
61) Fluorene	15.581	166	415050	18.517	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.569	204	218139	18.845	ng/ul	100
63) 4-Nitroaniline	15.663	138	76935	20.044	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.687	198	80504	18.035	ng/ul	100
67) N-Nitrosodiphenylamine	15.804	169	346215	18.434	ng/ul	100
68) 4-Bromophenyl-phenylether	16.475	248	138054	19.116	ng/ul	100
69) Hexachlorobenzene	16.557	284	161683	19.606	ng/ul	100
70) Atrazine	16.757	200	132257	19.257	ng/ul	100
71) Pentachlorophenol	16.928	266	93133	19.415	ng/ul	100
72) Phenanthrene	17.339	178	667673	18.525	ng/ul	100
74) Anthracene	17.433	178	673757	18.399	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.310	216	180581	18.935	ng/uL	100
76) Pentachlorobenzene	14.822	250	183842	19.354	ng/uL	100
77) Carbazole	17.728	167	575105	18.468	ng/ul	100
78) Di-n-butylphthalate	18.233	149	660795	16.205	ng/ul	100
80) Fluoranthene	19.316	202	647584	19.460	ng/ul	100
82) Pyrene	19.675	202	669982	19.346	ng/ul	100
83) Butylbenzylphthalate	20.539	149	305624	20.081	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.345	252	206129	19.271	ng/ul	100
85) Benzo(a)anthracene	21.398	228	651702	18.833	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.274	149	428323	19.609	ng/ul	100
87) Chrysene	21.451	228	600664	18.751	ng/ul	100
89) Di-n-octyl phthalate	22.227	149	727712	18.844	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	611953	18.400	ng/ul	100
91) Benzo(k)fluoranthene	23.174	252	611564	18.444	ng/ul	100
93) Benzo(a)pyrene	23.780	252	568456	18.465	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.527	276	665275	18.032	ng/ul	100
95) Dibenzo(a,h)anthracene	26.551	278	547589	17.873	ng/ul	100
96) Benzo(g,h,i)perylene	27.351	276	528731	17.989	ng/ul	100

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

Instrument :

BNA_P

ClientSampleId :

SSTD020605

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :mohammad ahmed 11/08/2023

