

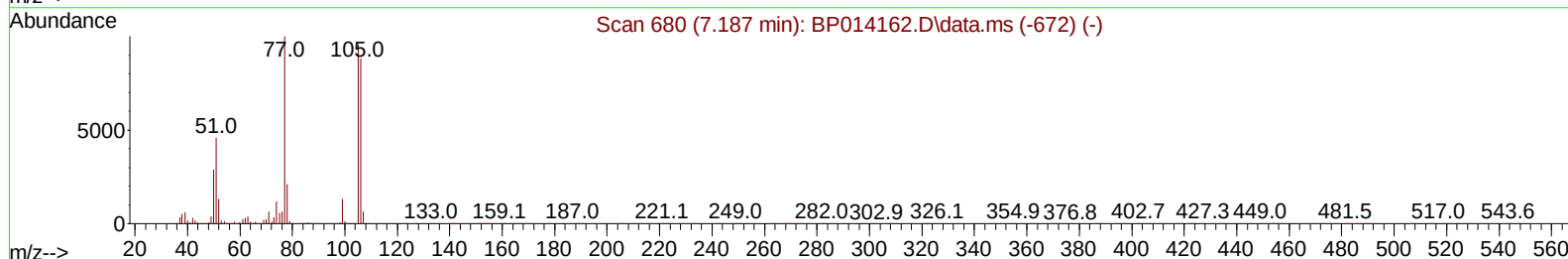
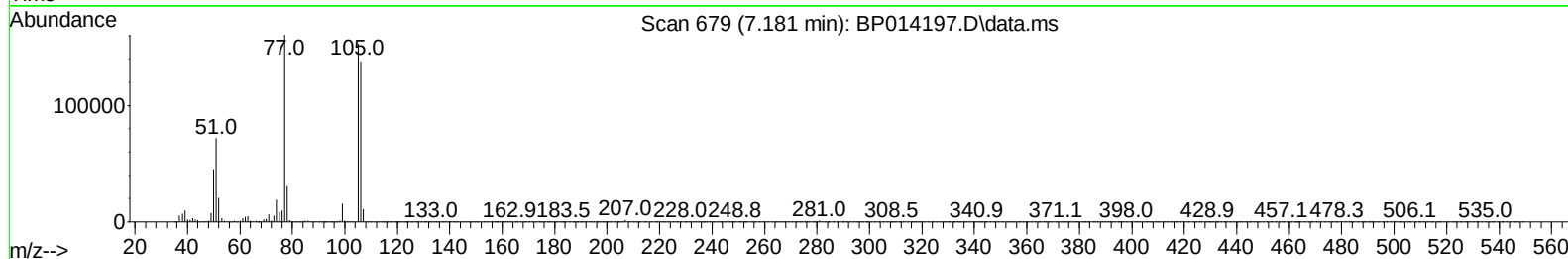
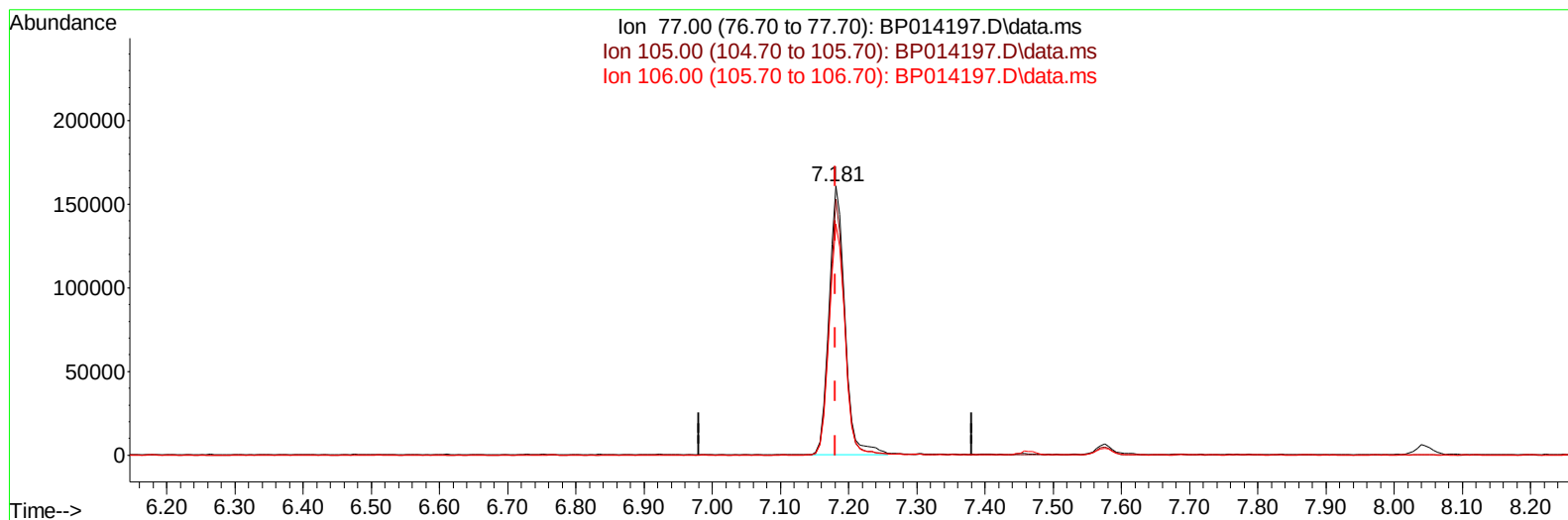
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014197.D
 Acq On : 22 Mar 2023 01:10
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Mar 22 03:06:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 22 03:05:29 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 03/22/2023
 Supervised By :mohammad ahmed 03/24/2023



TIC: BP014197.D\data.ms

(6) Benzaldehyde

7.181min (0.000) 25.51 ng/uL

response 258667

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	95.15
106.00	87.30	85.88
0.00	0.00	0.00

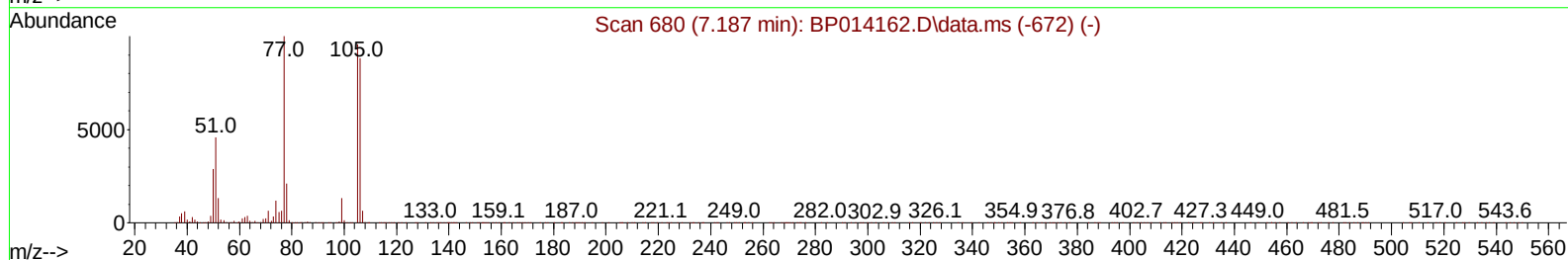
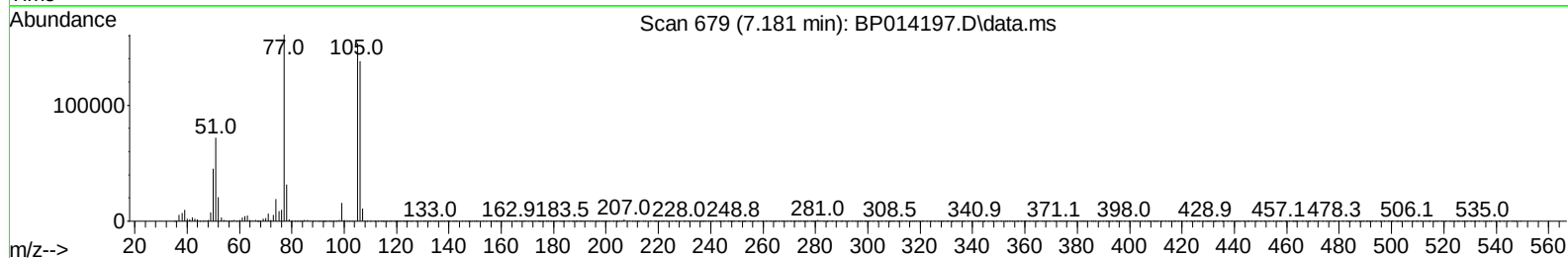
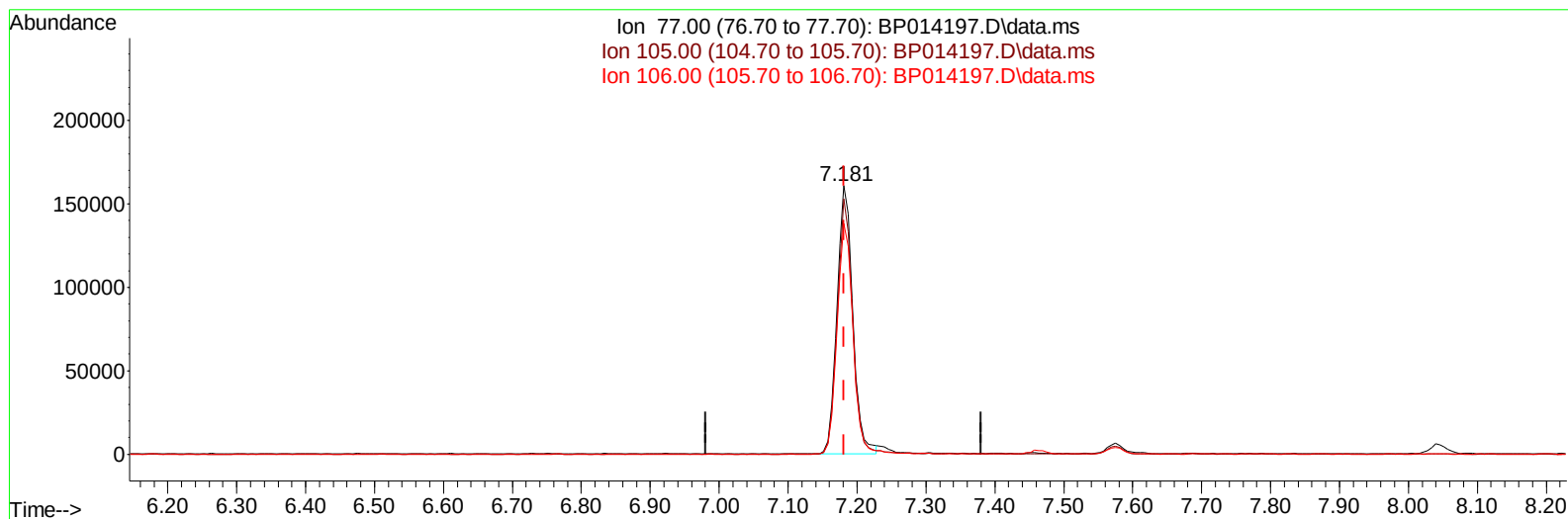
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014197.D
 Acq On : 22 Mar 2023 01:10
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Mar 22 03:06:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 22 03:05:29 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 03/22/2023
 Supervised By :mohammad ahmed 03/24/2023



TIC: BP014197.D\data.ms

(6) Benzaldehyde

7.181min (0.000) 25.18 ng/ul m

response 255289

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	95.15
106.00	87.30	85.88
0.00	0.00	0.00

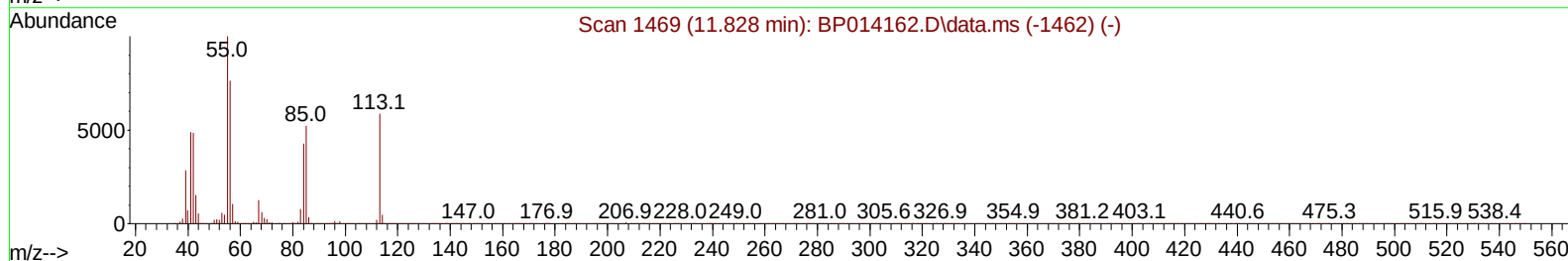
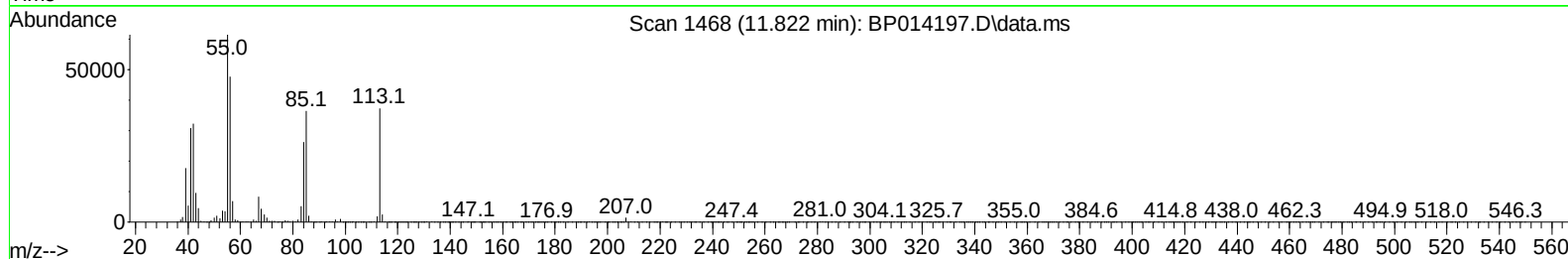
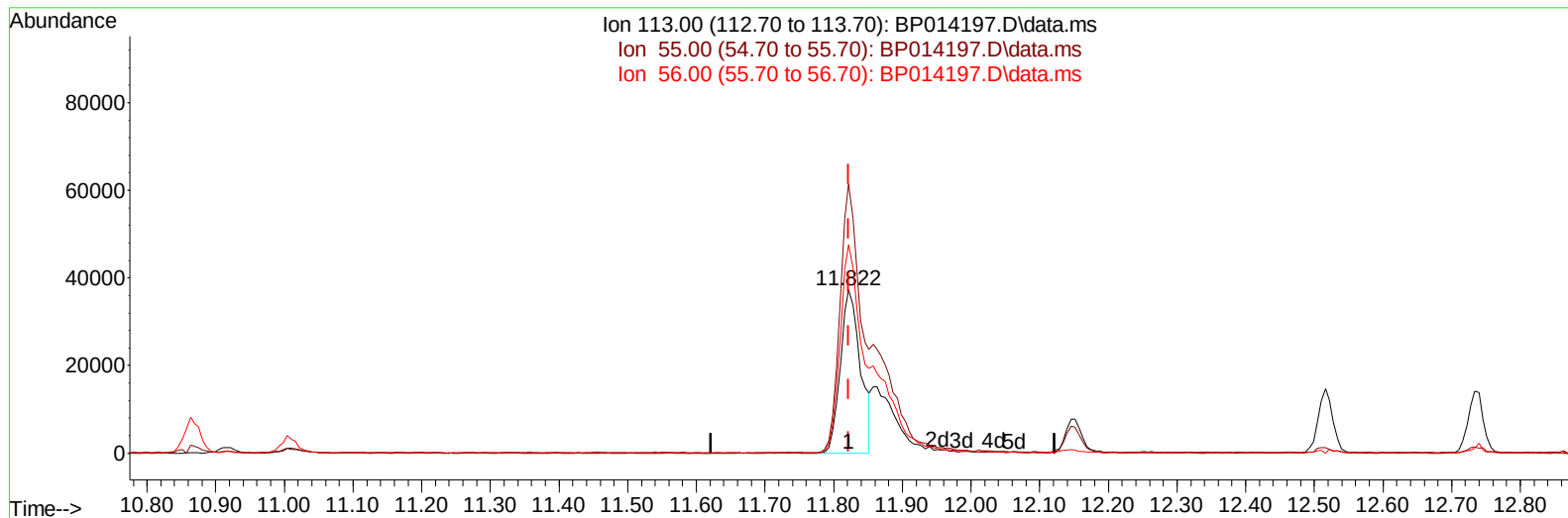
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014197.D
 Acq On : 22 Mar 2023 01:10
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Mar 22 03:06:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 22 03:05:29 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 03/22/2023
 Supervised By :mohammad ahmed 03/24/2023



TIC: BP014197.D\data.ms

(34) Caprolactam

11.822min (0.000) 13.06 ng/ul

response 76277

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	164.72
56.00	127.50	127.73
0.00	0.00	0.00

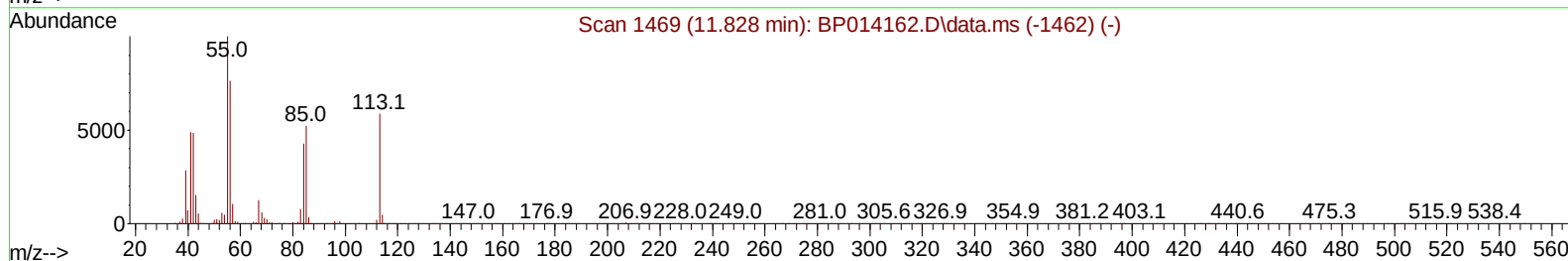
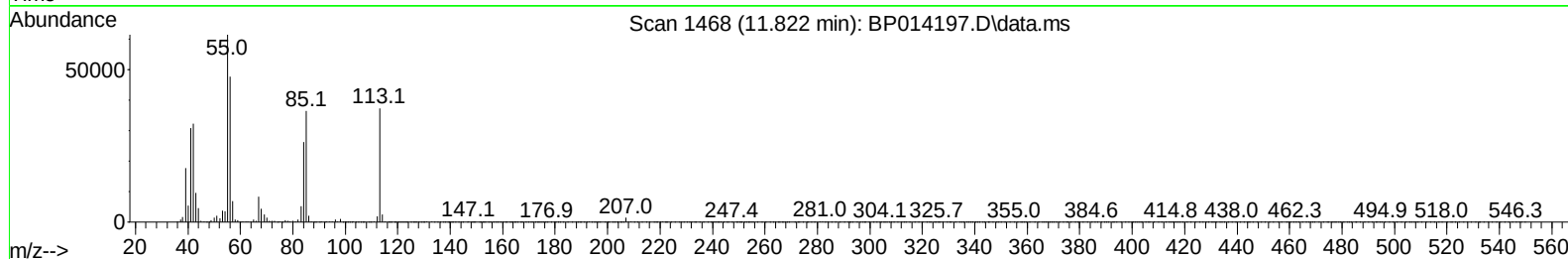
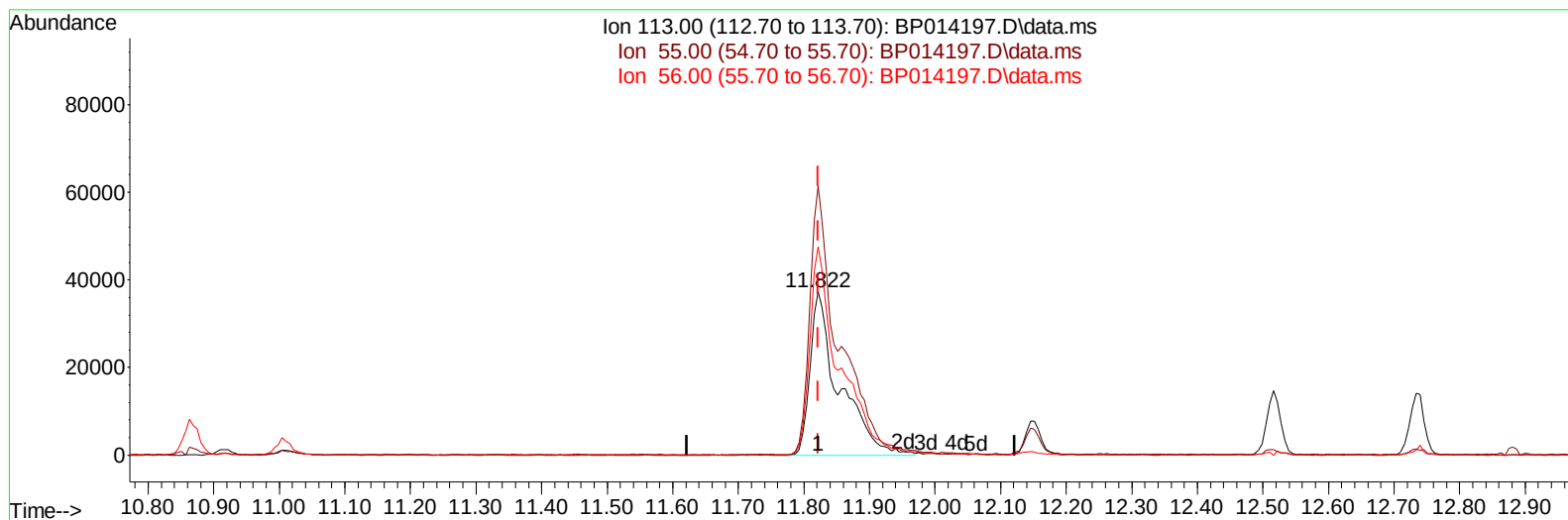
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014197.D
 Acq On : 22 Mar 2023 01:10
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Mar 22 03:06:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 22 03:05:29 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 03/22/2023
 Supervised By :mohammad ahmed 03/24/2023



TIC: BP014197.D\data.ms

(34) Caprolactam

11.822min (0.000) 19.57 ng/ul m

response 114289

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	164.72
56.00	127.50	127.73
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014197.D
 Acq On : 22 Mar 2023 01:10
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Mar 22 03:06:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 22 03:05:29 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 03/22/2023
 Supervised By :mohammad ahmed 03/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	230922	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1014474	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.687	164	695597	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1614431	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.521	240	1468361	20.000	ng/ul	# 0.00
88) Perylene-d12	24.033	264	1288978	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	44330	7.253	ng/uL	0.00
4) Pyridine-d5	3.846	84	329139	19.450	ng/ul	0.00
7) Phenol-d5	7.205	99	424717	20.842	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	263704	22.189	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	327092	21.068	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	351072	21.091	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	166759	20.602	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	196270	20.256	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	357324	19.599	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	467174	19.363	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	1139884	19.309	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1244994	19.908	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	186367	17.914	ng/ul	0.00
60) Fluorene-d10	15.675	176	947334	18.935	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	221019	18.113	ng/ul	0.00
73) Anthracene-d10	17.539	188	1559877	19.903	ng/ul	0.00
81) Pyrene-d10	19.763	212	1829519	22.591	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	1379208	20.116	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.446	88	49200	7.457	ng/uL	93
5) Pyridine	3.864	79	332622	19.382	ng/ul	96
6) Benzaldehyde	7.181	77	255289m	25.177	ng/ul	
8) Phenol	7.234	94	446476	21.245	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.463	93	348651	21.655	ng/ul	100
12) 2-Chlorophenol	7.605	128	330251	21.112	ng/ul	94
13) 2-Methylphenol	8.493	108	334875	21.430	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.575	45	439791	25.294	ng/ul	97
16) Acetophenone	8.881	105	570137	21.202	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.857	70	302933	22.021	ng/ul	97
18) 4-Methylphenol	8.822	108	368067	21.414	ng/ul	97
19) Hexachloroethane	9.128	117	143826	20.993	ng/ul	95
22) Nitrobenzene	9.263	77	451192	20.838	ng/ul	99
23) Isophorone	9.793	82	852831	20.453	ng/ul	98
25) 2-Nitrophenol	9.975	139	201930	20.221	ng/ul	95
26) 2,4-Dimethylphenol	10.034	107	442095	20.225	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.269	93	507643	21.047	ng/ul	99
29) 2,4-Dichlorophenol	10.516	162	349494	19.433	ng/ul	98
30) Naphthalene	10.916	128	1122241	20.145	ng/ul	99
32) 4-Chloroaniline	11.034	127	477119	19.652	ng/ul	99
33) Hexachlorobutadiene	11.193	225	257821	18.016	ng/ul	98
34) Caprolactam	11.822	113	114289m	19.572	ng/ul	
35) 4-Chloro-3-methylphenol	12.151	107	424362	20.406	ng/ul	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014197.D
 Acq On : 22 Mar 2023 01:10
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Mar 22 03:06:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 22 03:05:29 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 03/22/2023
 Supervised By :mohammad ahmed 03/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.516	142	766185	19.609	ng/ul	99
37) 1-Methylnaphthalene	12.734	142	763900	19.451	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.881	216	477234	18.972	ng/ul	99
40) Hexachlorocyclopentadiene	12.857	237	260349	14.454	ng/ul	99
41) 2,4,6-Trichlorophenol	13.122	196	309859	19.610	ng/ul	97
42) 2,4,5-Trichlorophenol	13.198	196	339108	19.555	ng/ul	99
43) 1,1'-Biphenyl	13.516	154	1080757	20.181	ng/ul	98
44) 2-Chloronaphthalene	13.563	162	854423	20.088	ng/ul	98
45) 2-Nitroaniline	13.775	65	276099	21.948	ng/ul	94
47) Dimethylphthalate	14.139	163	1129269	19.326	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	231778	20.063	ng/ul	98
50) Acenaphthylene	14.410	152	1327558	20.228	ng/ul	99
51) 3-Nitroaniline	14.598	138	214507	20.971	ng/ul	91
52) Acenaphthene	14.751	153	922716	20.111	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	133470	15.471	ng/ul	97
55) 4-Nitrophenol	14.904	109	174709	15.547	ng/ul	81
56) Dibenzofuran	15.081	168	1314247	19.690	ng/ul	99
57) 2,4-Dinitrotoluene	15.051	165	341886	19.808	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.310	232	307997	18.565	ng/ul	98
59) Diethylphthalate	15.492	149	1146293	19.341	ng/ul	99
61) Fluorene	15.734	166	1072435	19.383	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	569509	18.650	ng/ul	99
63) 4-Nitroaniline	15.763	138	220634	20.984	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.816	198	211695	18.185	ng/ul	99
67) N-Nitrosodiphenylamine	15.939	169	925856	20.306	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	369075	18.910	ng/ul	98
69) Hexachlorobenzene	16.739	284	426069	18.526	ng/ul	95
70) Atrazine	16.892	200	382887	19.470	ng/ul	99
71) Pentachlorophenol	17.086	266	249806	16.617	ng/ul	95
72) Phenanthrene	17.480	178	1739360	19.753	ng/ul	99
74) Anthracene	17.575	178	1790970	20.060	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	491611	19.842	ng/uL	99
76) Pentachlorobenzene	14.998	250	497486	19.329	ng/uL	99
77) Carbazole	17.845	167	1567354	19.902	ng/ul	100
78) Di-n-butylphthalate	18.369	149	2062179	20.952	ng/ul	100
80) Fluoranthene	19.439	202	2162002	23.422	ng/ul#	96
82) Pyrene	19.792	202	2208962	22.940	ng/ul	96
83) Butylbenzylphthalate	20.645	149	969054	24.958	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.427	252	697464	18.555	ng/ul	99
85) Benzo(a)anthracene	21.504	228	2087983	20.217	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1438061	24.773	ng/ul	100
87) Chrysene	21.557	228	1956662	19.879	ng/ul	100
89) Di-n-octyl phthalate	22.357	149	2361693	29.037	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	1825321	21.252	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1720560	21.008	ng/ul	99
93) Benzo(a)pyrene	23.921	252	1496497	20.032	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.674	276	1756898	17.765	ng/ul	98
95) Dibenzo(a,h)anthracene	26.692	278	1471821	17.906	ng/ul	98
96) Benzo(g,h,i)perylene	27.492	276	1399729	17.707	ng/ul	98

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

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/22/2023
Supervised By :mohammad ahmed 03/24/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014197.D
Acq On : 22 Mar 2023 01:10
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Mar 22 03:06:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 22 03:05:29 2023
Response via : Initial Calibration

Reviewed By :Christian Giraldo 03/22/2023
Supervised By :mohammad ahmed 03/24/2023

