

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042897.D
 Acq On : 19 Nov 2023 02:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

Quant Time: Nov 19 03:26:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	25617	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	97888	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.469	164	61565	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	135990	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	151836	20.000	ng/u1	0.00
88) Perylene-d12	23.768	264	171088	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	6520	7.986	ng/uL	0.00
4) Pyridine-d5	3.610	84	38928	19.169	ng/u1	0.00
7) Phenol-d5	6.981	99	48329	19.385	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	38227	21.820	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	36058	18.743	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	35596	18.133	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	16666m	19.419	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	16933	16.866	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	34749	18.614	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	41067	17.326	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	113568	19.491	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	124600	19.986	ng/u1	0.00
54) 4-Nitrophenol-d4	14.727	143	7528	11.436	ng/u1	0.00
60) Fluorene-d10	15.463	176	92376	19.145	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	15181	14.738	ng/u1	0.00
73) Anthracene-d10	17.327	188	144973	19.022	ng/u1	0.00
81) Pyrene-d10	19.621	212	185587	18.665	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.609	264	198404	19.387	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.205	88	7478	8.601	ng/uL	91
5) Pyridine	3.628	79	44482	20.144	ng/u1	95
6) Benzaldehyde	6.981	77	34133	23.862	ng/u1	94
8) Phenol	7.010	94	48502	19.558	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.257	93	41187	20.106	ng/u1	93
12) 2-Chlorophenol	7.369	128	37364	19.516	ng/u1	97
13) 2-Methylphenol	8.269	108	33448	18.087	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.328	45	85545m	22.940	ng/u1	
16) Acetophenone	8.669	105	60572	18.350	ng/u1	89
17) N-Nitroso-di-n-propyla...	8.628	70	38334	19.077	ng/u1#	85
18) 4-Methylphenol	8.598	108	36587	18.197	ng/u1	98
19) Hexachloroethane	8.863	117	21882	20.506	ng/u1	85
22) Nitrobenzene	9.057	77	56251	21.686	ng/u1	92
23) Isophorone	9.563	82	100218	19.399	ng/u1	97
25) 2-Nitrophenol	9.757	139	18420	18.058	ng/u1	87
26) 2,4-Dimethylphenol	9.798	107	40422	18.521	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.057	93	54729	20.964	ng/u1	99
29) 2,4-Dichlorophenol	10.281	162	34863	19.725	ng/u1	98
30) Naphthalene	10.675	128	121363	19.790	ng/u1	100
32) 4-Chloroaniline	10.828	127	41335	18.178	ng/u1	97
33) Hexachlorobutadiene	10.892	225	31887	20.424	ng/u1	94
34) Caprolactam	11.657	113	7980m	15.227	ng/u1	
35) 4-Chloro-3-methylphenol	11.939	107	35696	18.848	ng/u1	94
36) 2-Methylnaphthalene	12.286	142	78760	19.162	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042897.D
 Acq On : 19 Nov 2023 02:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

Quant Time: Nov 19 03:26:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	82338	19.054	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.639	216	52136	21.593	ng/ul	98
40) Hexachlorocyclopentadiene	12.580	237	19407	16.978	ng/ul	92
41) 2,4,6-Trichlorophenol	12.910	196	29520	20.016	ng/ul	92
42) 2,4,5-Trichlorophenol	12.986	196	30314	21.287	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	107040	20.848	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	85264	20.643	ng/ul	96
45) 2-Nitroaniline	13.604	65	26448	19.634	ng/ul	86
47) Dimethylphthalate	13.939	163	109112	19.226	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	19635	18.416	ng/ul#	81
50) Acenaphthylene	14.198	152	138943	19.890	ng/ul	98
51) 3-Nitroaniline	14.439	138	14668	16.824	ng/ul	93
52) Acenaphthene	14.533	153	95428	20.199	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	6973m	13.153	ng/ul	
55) 4-Nitrophenol	14.745	109	17645m	17.033	ng/ul	
56) Dibenzofuran	14.874	168	130821	19.950	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	28639	18.296	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.092	232	27536	18.627	ng/ul#	96
59) Diethylphthalate	15.292	149	115000	19.324	ng/ul	98
61) Fluorene	15.521	166	108112	19.419	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.515	204	59980	19.991	ng/ul	96
63) 4-Nitroaniline	15.610	138	13502m	16.987	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.627	198	16635	15.862	ng/ul#	76
67) N-Nitrosodiphenylamine	15.739	169	86495	20.279	ng/ul	98
68) 4-Bromophenyl-phenylether	16.410	248	35779	19.766	ng/ul	95
69) Hexachlorobenzene	16.486	284	44089	19.924	ng/ul	97
70) Atrazine	16.692	200	31555	19.207	ng/ul	97
71) Pentachlorophenol	16.862	266	21747	17.066	ng/ul	97
72) Phenanthrene	17.268	178	168664	19.853	ng/ul	98
74) Anthracene	17.362	178	164625	19.265	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.257	216	54550	22.685	ng/uL	95
76) Pentachlorobenzene	14.763	250	52975	20.996	ng/uL	98
77) Carbazole	17.657	167	128040	18.146	ng/ul	100
78) Di-n-butylphthalate	18.168	149	186256	18.051	ng/ul	98
80) Fluoranthene	19.286	202	207324	18.288	ng/ul	99
82) Pyrene	19.651	202	227077	18.891	ng/ul	98
83) Butylbenzylphthalate	20.533	149	85573	16.667	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.345	252	65977	16.978	ng/ul	99
85) Benzo(a)anthracene	21.392	228	232362	19.495	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	128126	16.448	ng/ul	97
87) Chrysene	21.445	228	222417	19.241	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	227239	16.443	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	235541m	20.173	ng/ul	
91) Benzo(k)fluoranthene	23.086	252	238964	19.226	ng/ul	99
93) Benzo(a)pyrene	23.662	252	224884	19.766	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.221	276	280342	19.827	ng/ul	99
95) Dibenzo(a,h)anthracene	26.238	278	223011	19.024	ng/ul	99
96) Benzo(g,h,i)perylene	26.985	276	228186	20.323	ng/ul	100

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

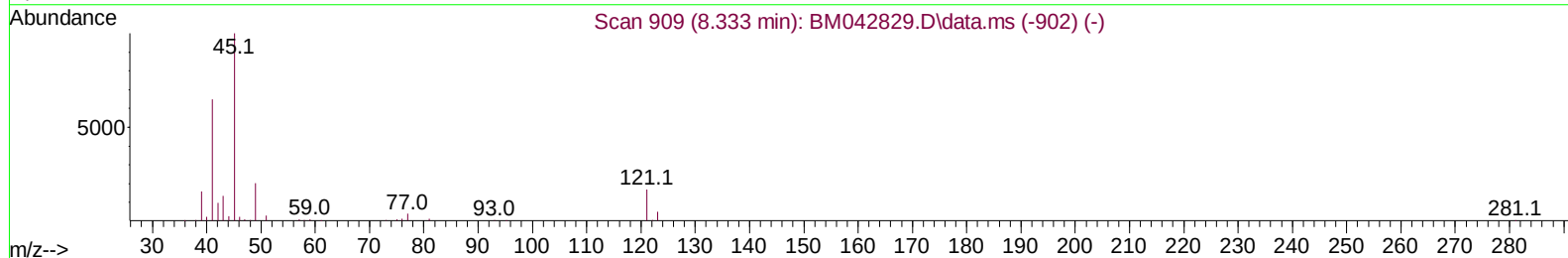
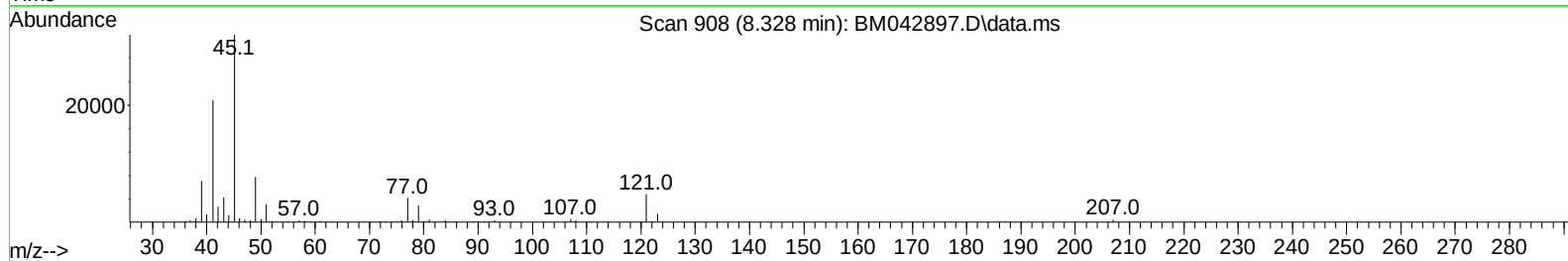
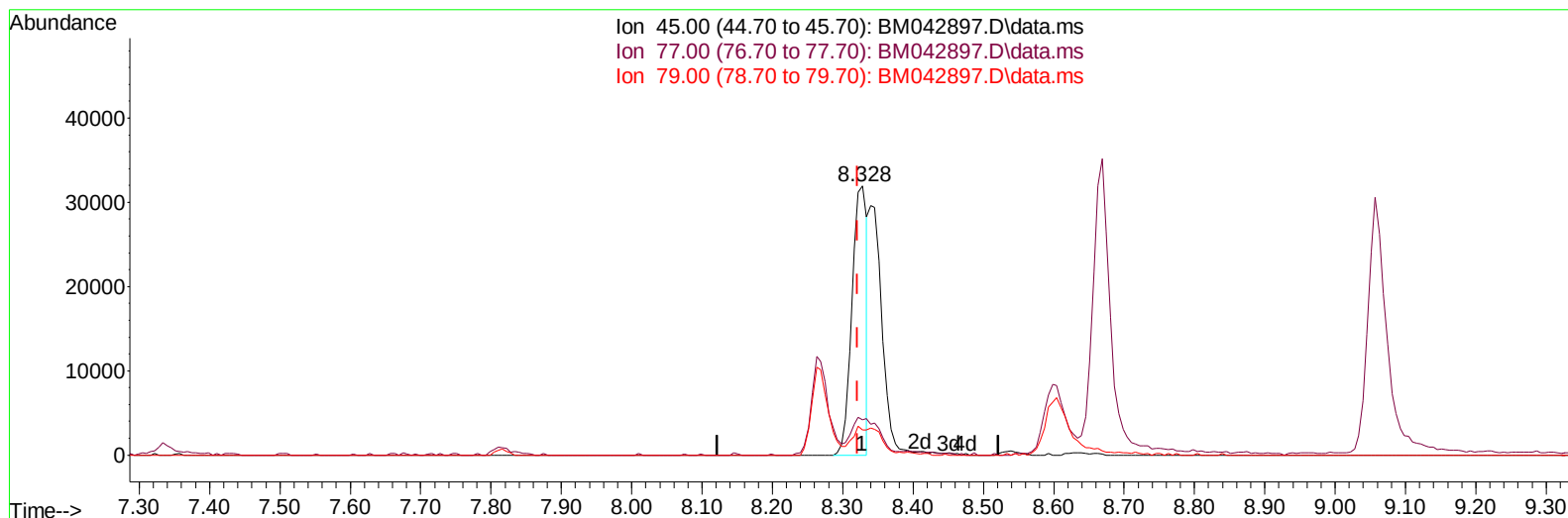
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042897.D
 Acq On : 19 Nov 2023 02:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 19 03:22:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration



TIC: BM042897.D\data.ms

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

8.328min (+ 0.006) 12.68 ng/u1

response 47286

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.16
79.00	10.20	9.42
0.00	0.00	0.00

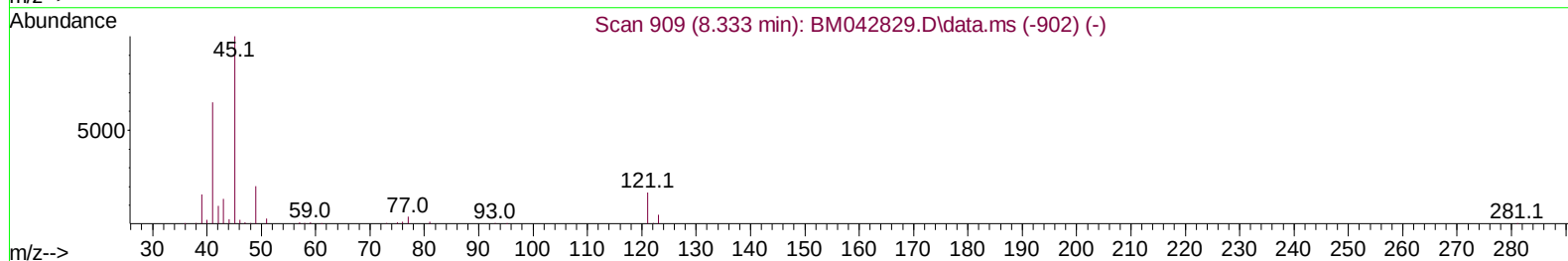
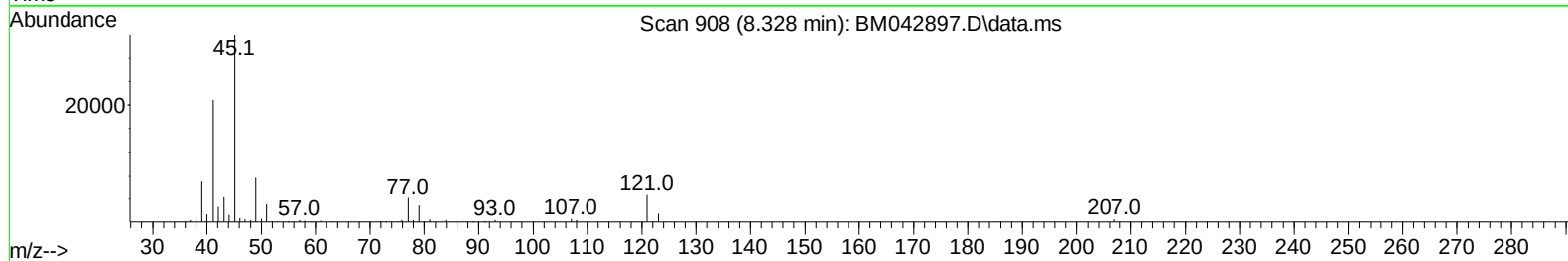
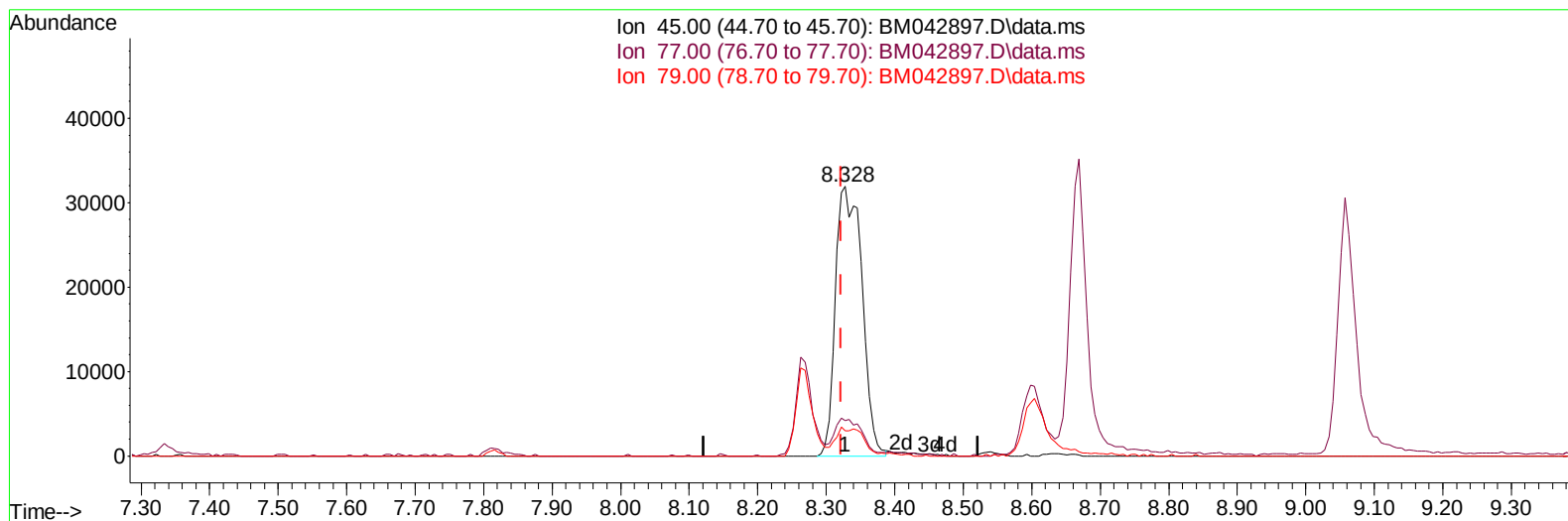
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042897.D
 Acq On : 19 Nov 2023 02:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 19 03:22:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration



TIC: BM042897.D\data.ms

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

8.328min (+ 0.006) 22.94 ng/ul m

response 85545

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.16
79.00	10.20	9.42
0.00	0.00	0.00

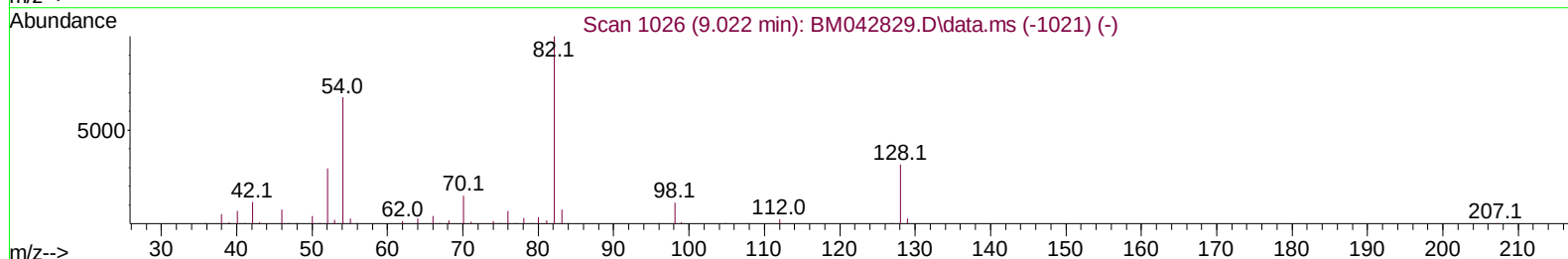
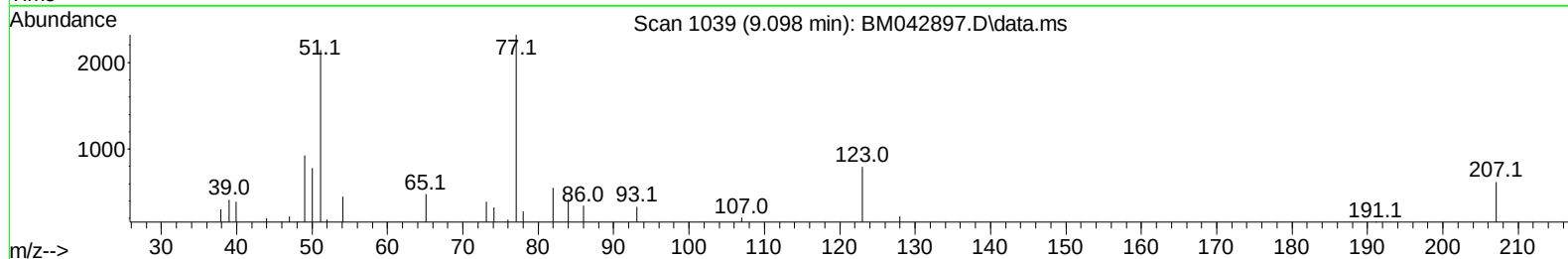
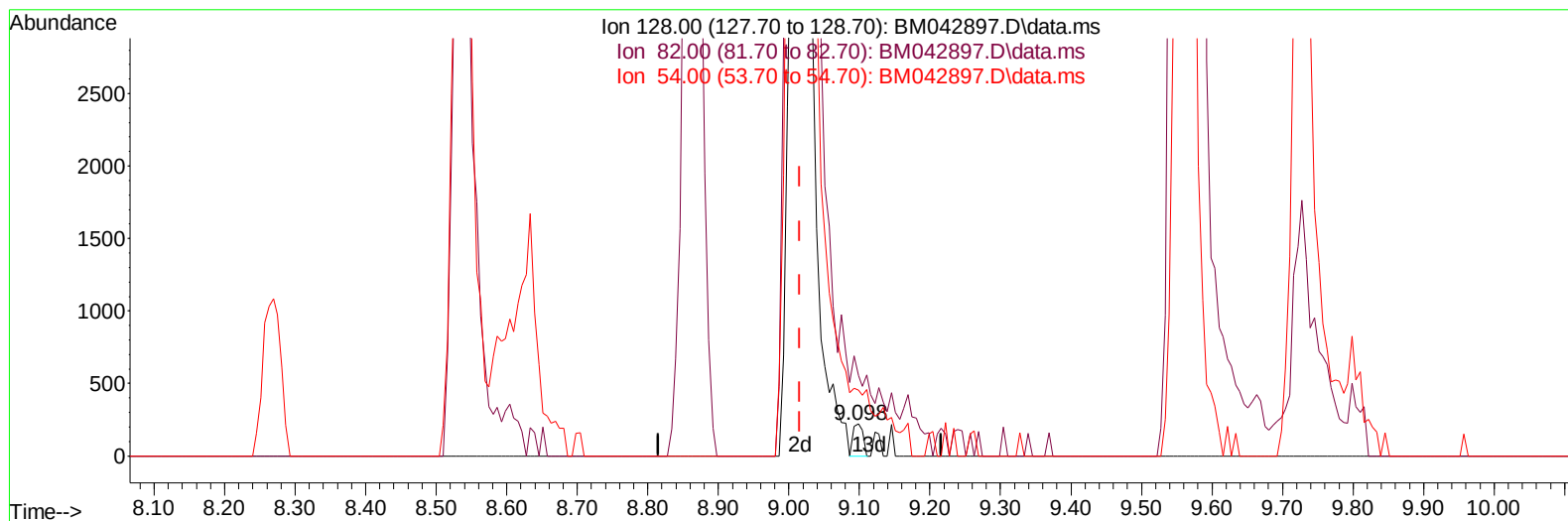
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042897.D
 Acq On : 19 Nov 2023 02:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 19 03:22:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration



TIC: BM042897.D\data.ms

(21) Nitrobenzene-d5 (S)

9.098min (+ 0.082) 0.25 ng/uL

response 211		
Ion	Exp%	Act%
128.00	100.00	100.00
82.00	289.30	251.82
54.00	185.60	205.45
0.00	0.00	0.00

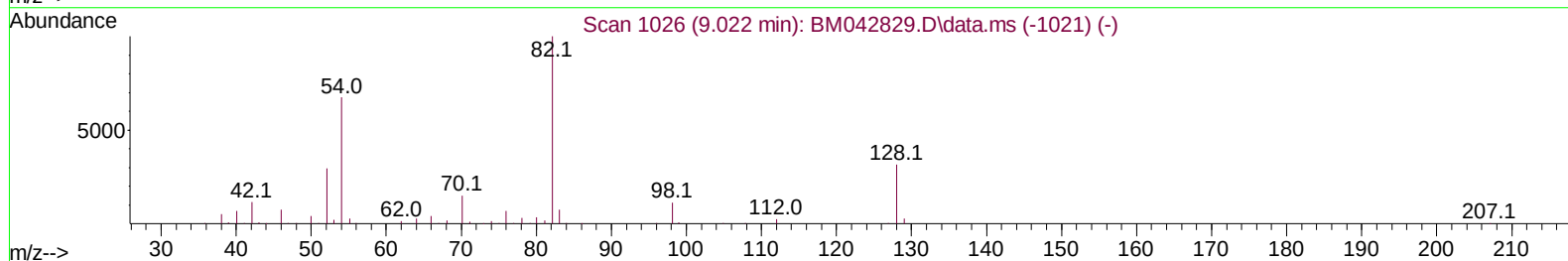
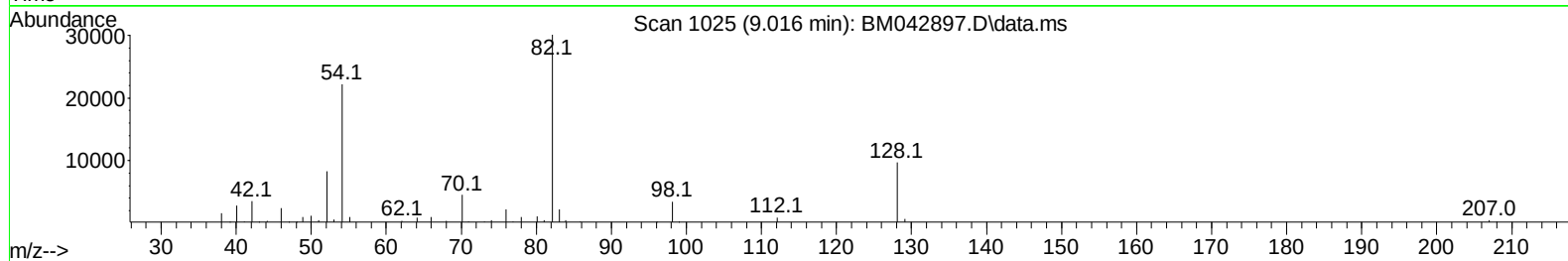
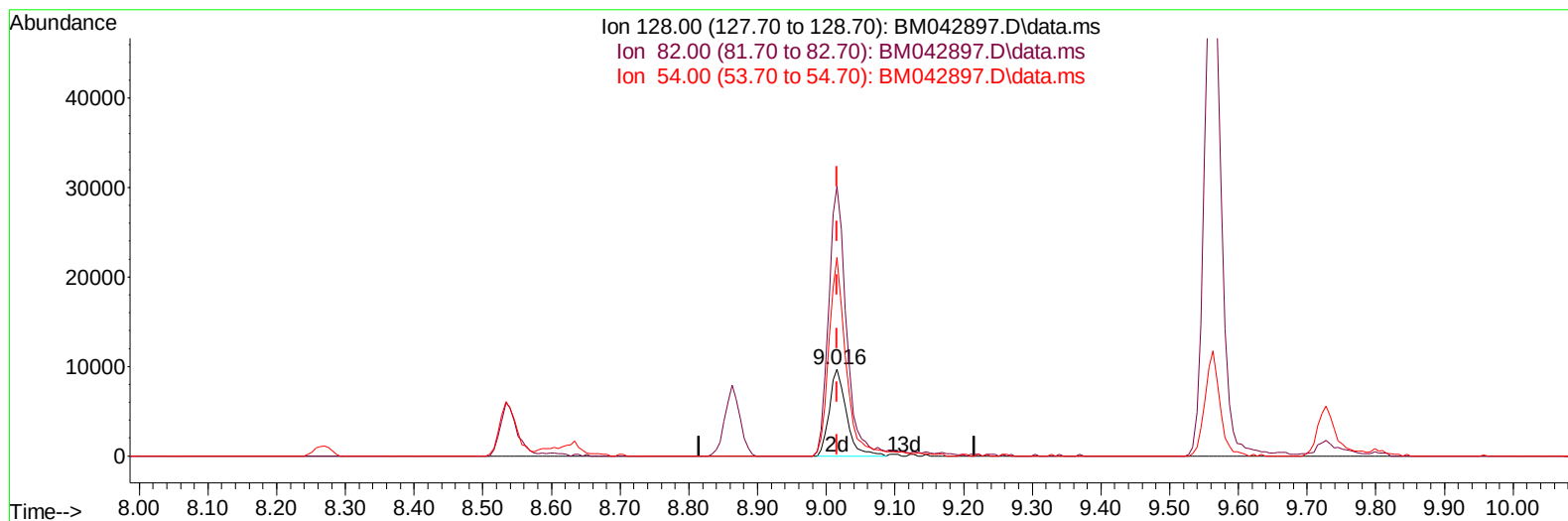
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042897.D
 Acq On : 19 Nov 2023 02:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 19 03:22:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration



TIC: BM042897.D\data.ms

(21) Nitrobenzene-d5 (S)

9.016min (+ 0.000) 19.42 ng/ul m

response 16666

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	289.30	309.73
54.00	185.60	228.27#
0.00	0.00	0.00

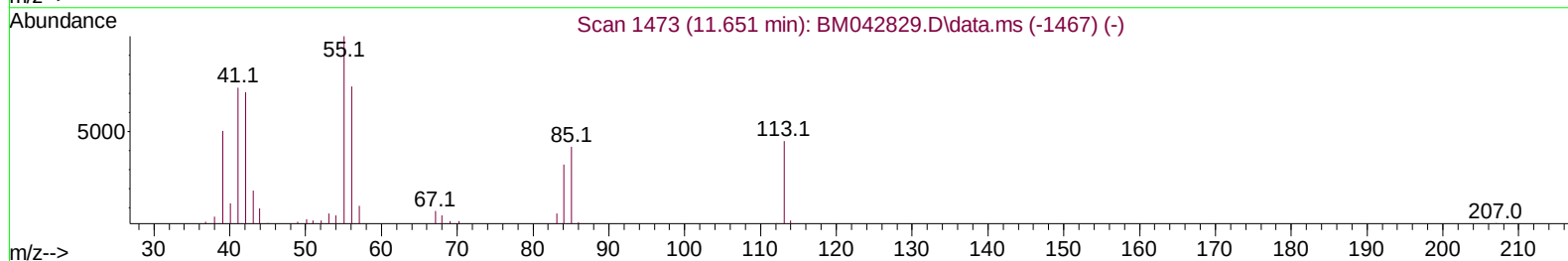
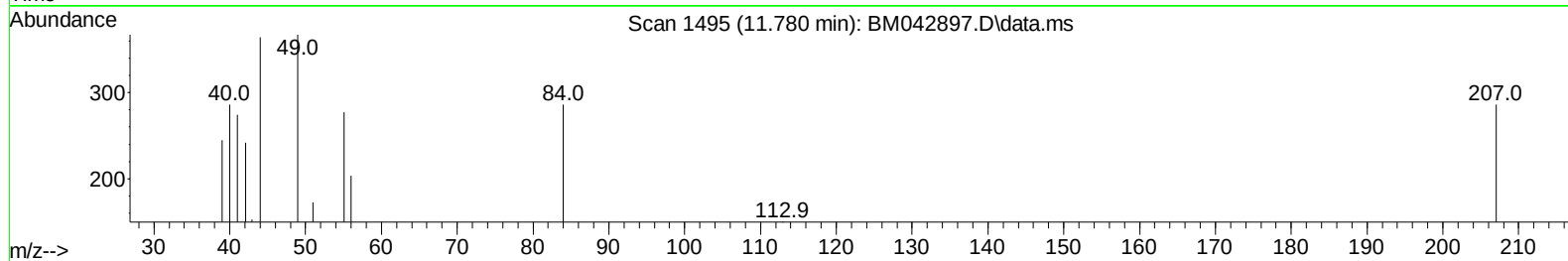
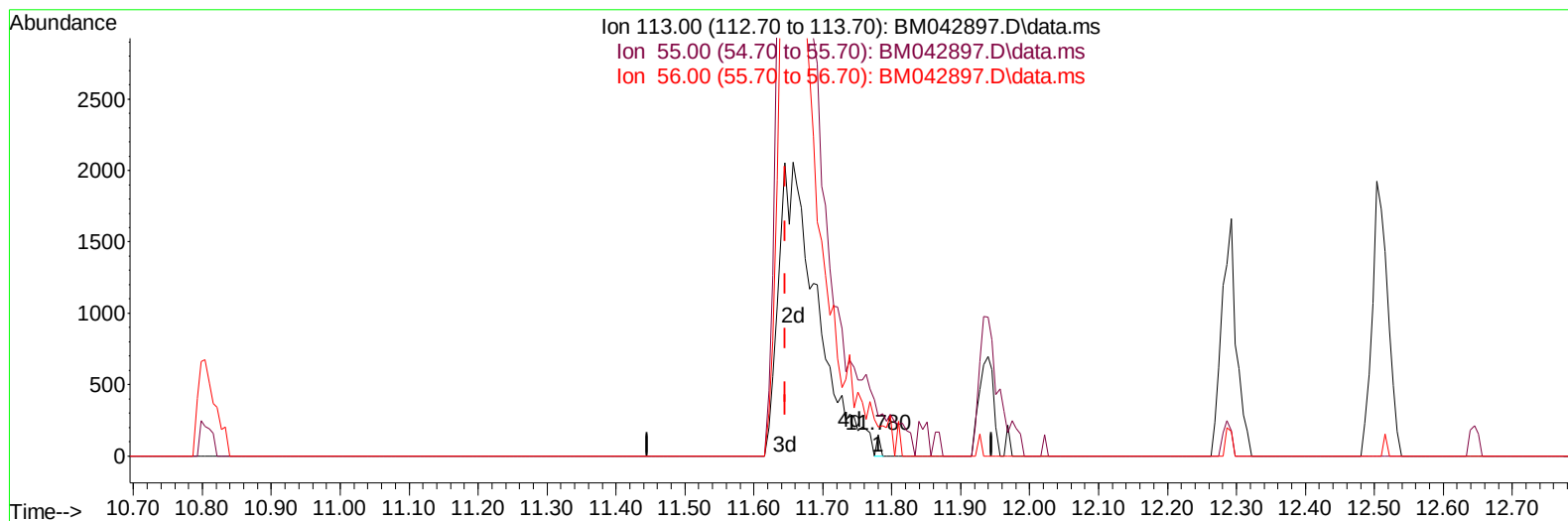
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042897.D
Acq On : 19 Nov 2023 02:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020152

Quant Time: Nov 19 03:22:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BM042897.D\data.ms

(34) Caprolactam

11.780min (+ 0.135) 0.10 ng/ul

response 53

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	184.67
56.00	167.90	136.00
0.00	0.00	0.00

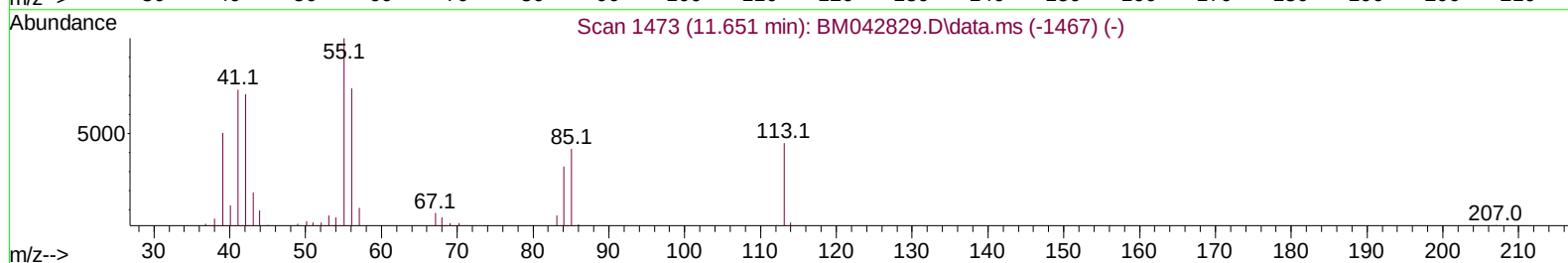
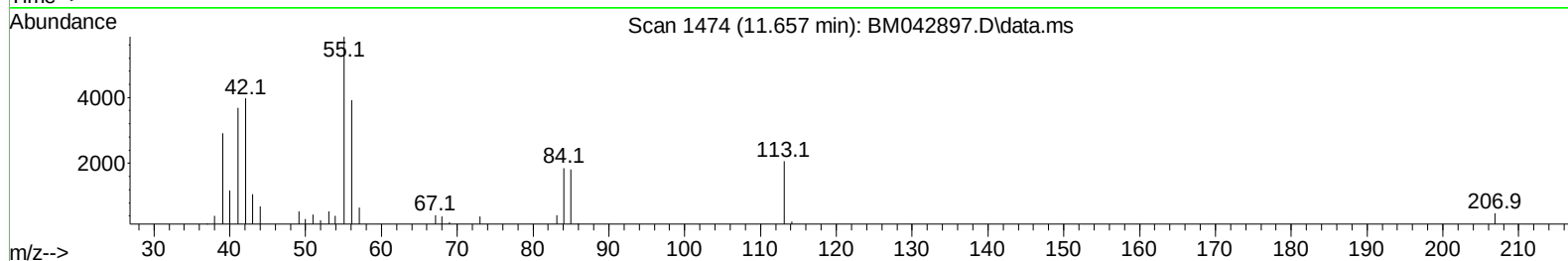
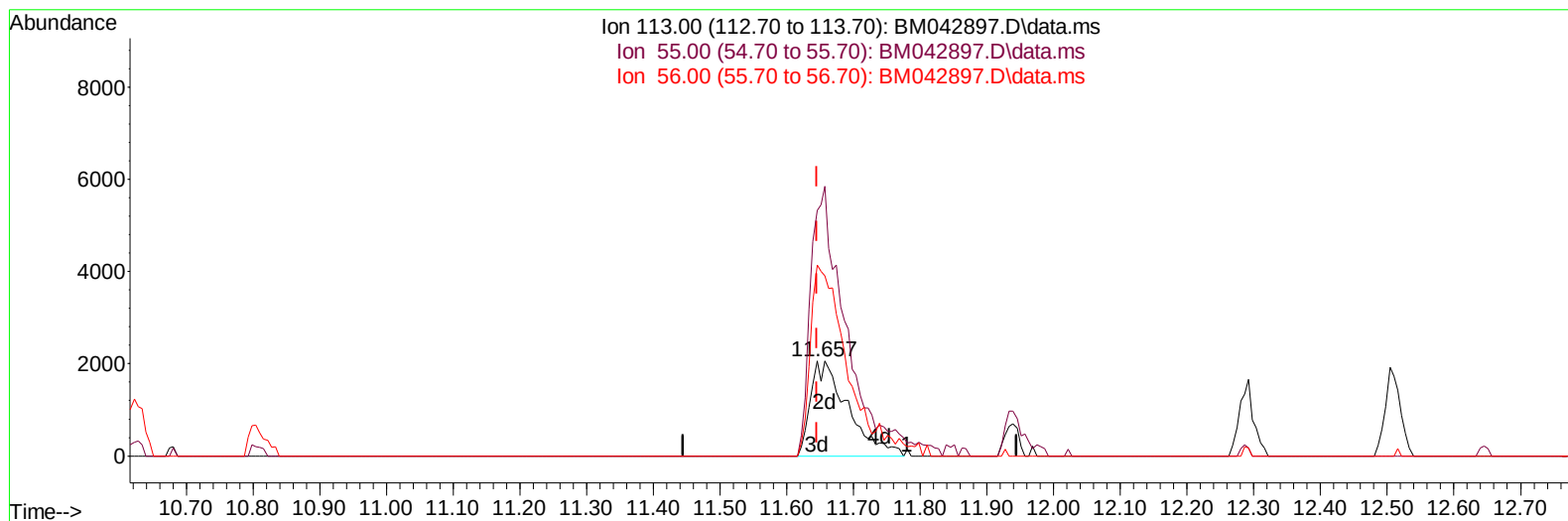
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042897.D
 Acq On : 19 Nov 2023 02:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 19 03:22:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration



TIC: BM042897.D\data.ms

(34) Caprolactam

11.657min (+ 0.012) 15.23 ng/ul m

response 7980

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	284.06#
56.00	167.90	190.09
0.00	0.00	0.00

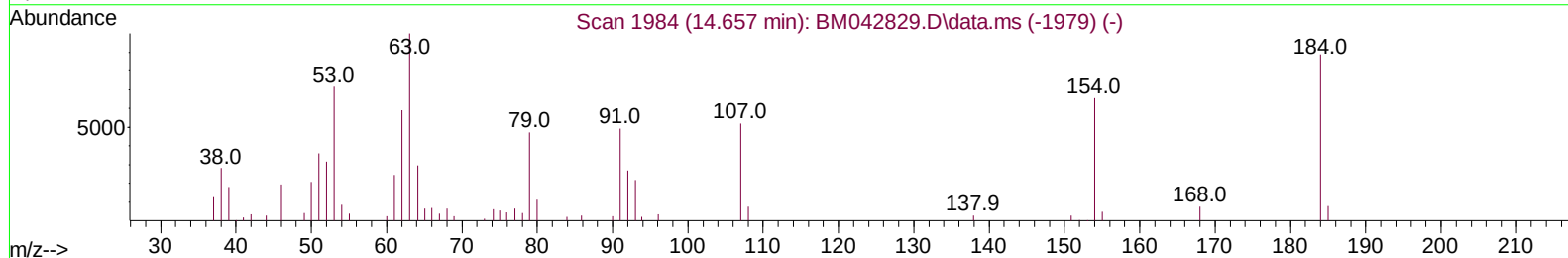
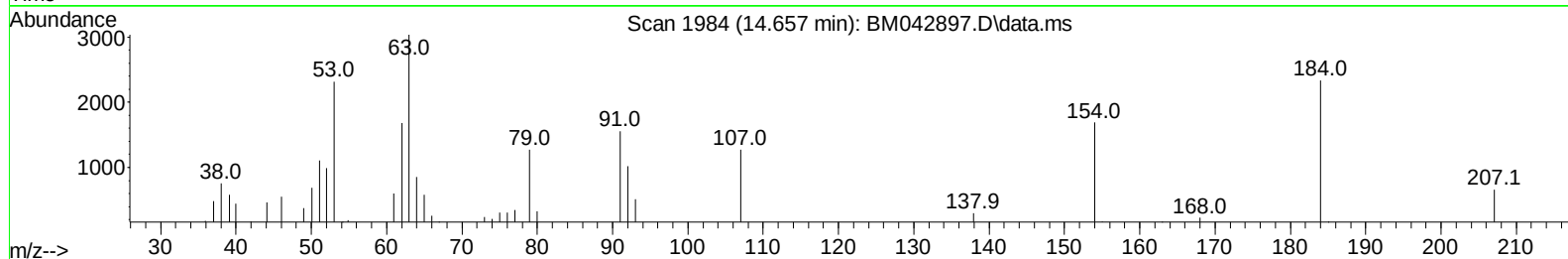
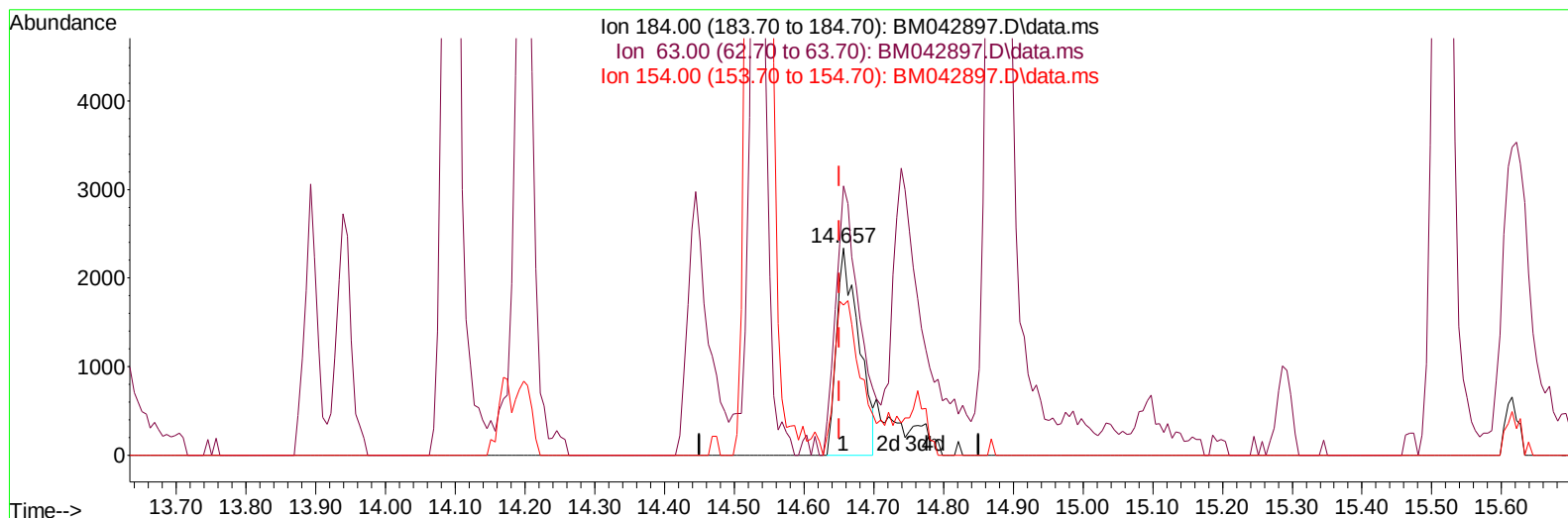
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042897.D
 Acq On : 19 Nov 2023 02:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 19 03:22:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration



TIC: BM042897.D\data.ms

(53) 2,4-Dinitrophenol

14.657min (+ 0.006) 9.68 ng/ul

response 5132

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	98.90	129.88#
154.00	82.10	72.30
0.00	0.00	0.00

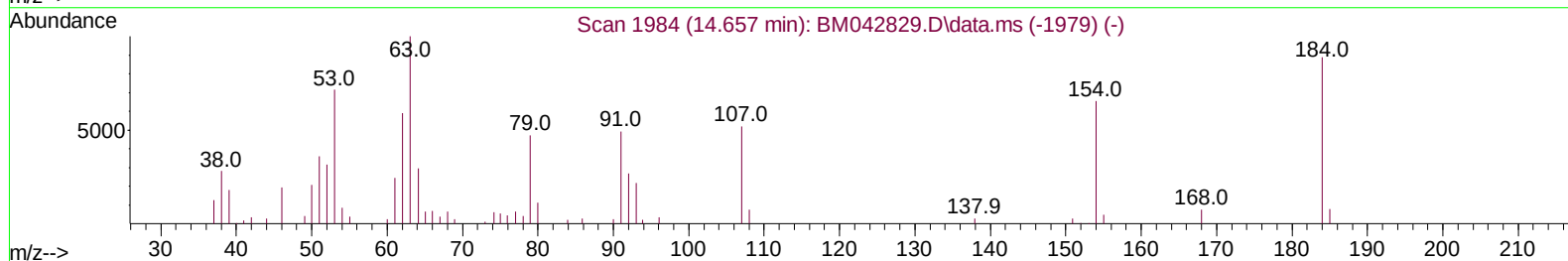
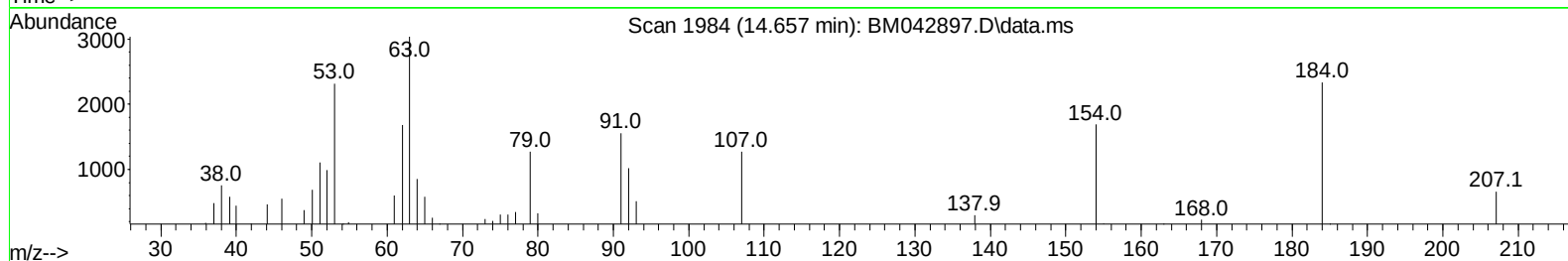
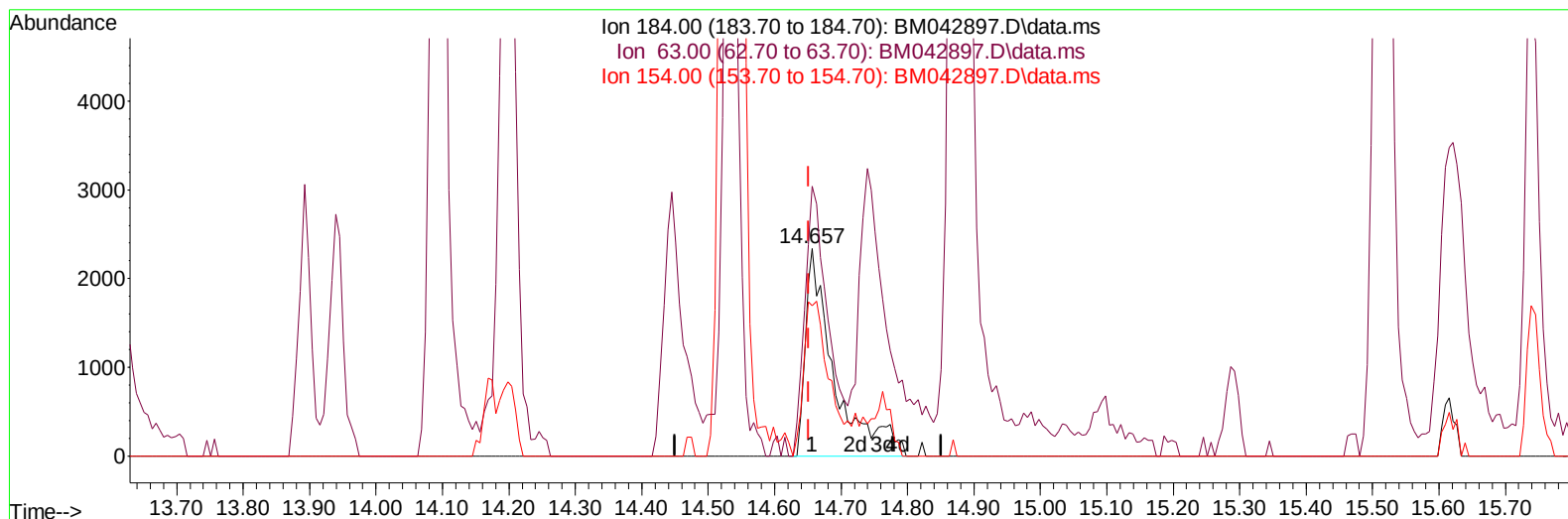
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042897.D
 Acq On : 19 Nov 2023 02:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 19 03:22:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration



TIC: BM042897.D\data.ms

(53) 2,4-Dinitrophenol

14.657min (+ 0.006) 13.15 ng/ul m

response 6973

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	98.90	129.88#
154.00	82.10	72.30
0.00	0.00	0.00

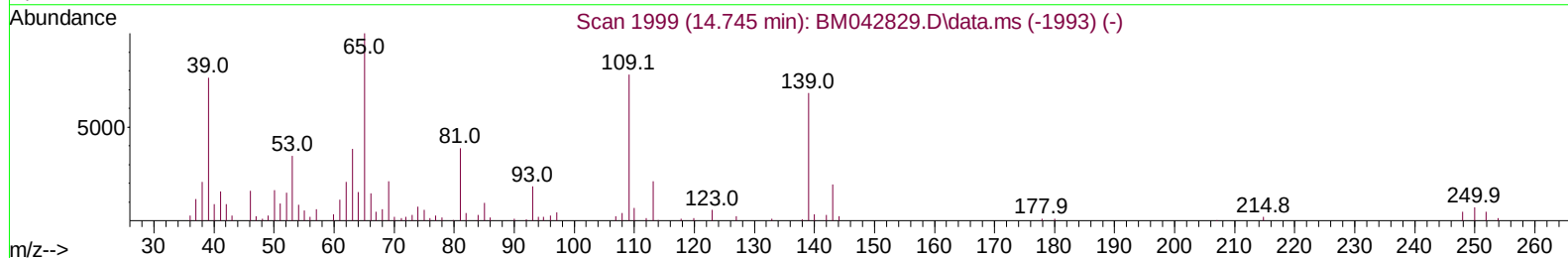
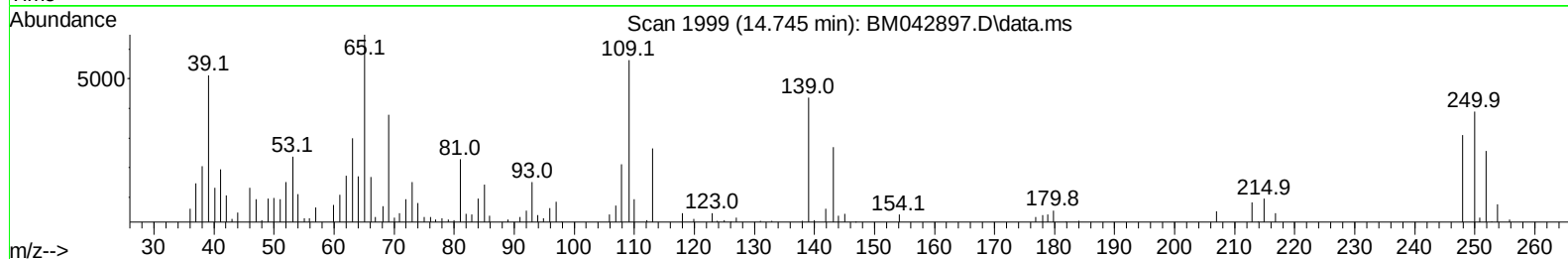
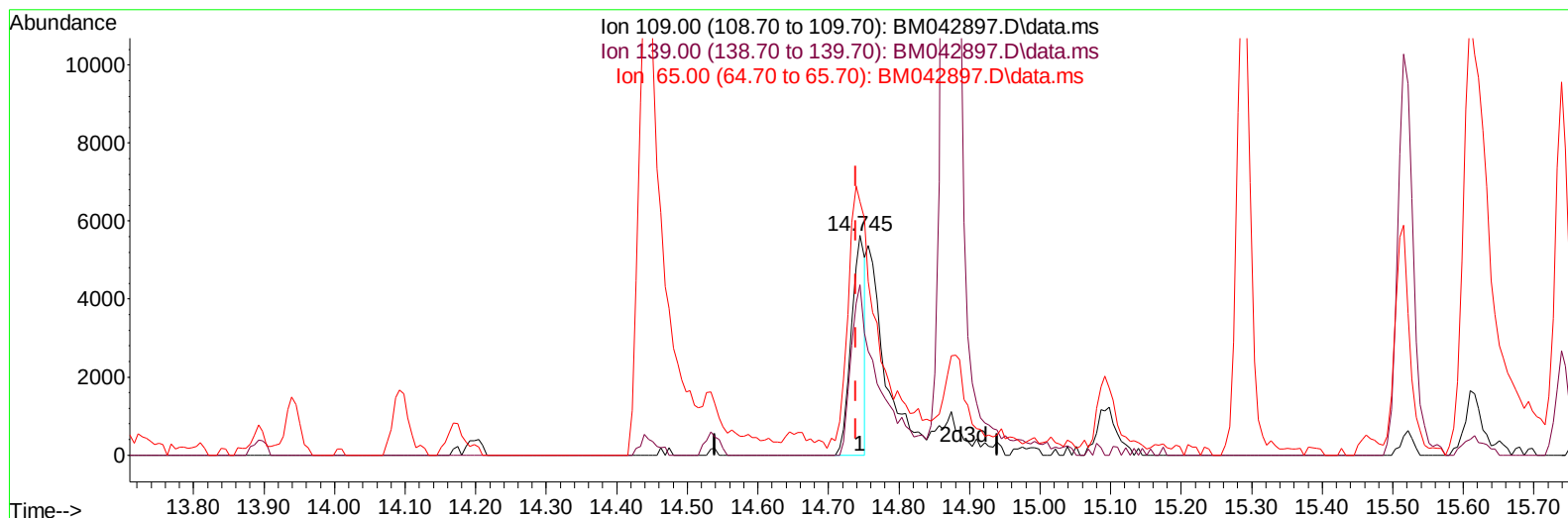
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042897.D
Acq On : 19 Nov 2023 02:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020152

Quant Time: Nov 19 03:22:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BM042897.D\data.ms

(55) 4-Nitrophenol

14.745min (+ 0.006) 7.38 ng/ul

response 7643

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	83.90	77.60
65.00	133.90	115.38
0.00	0.00	0.00

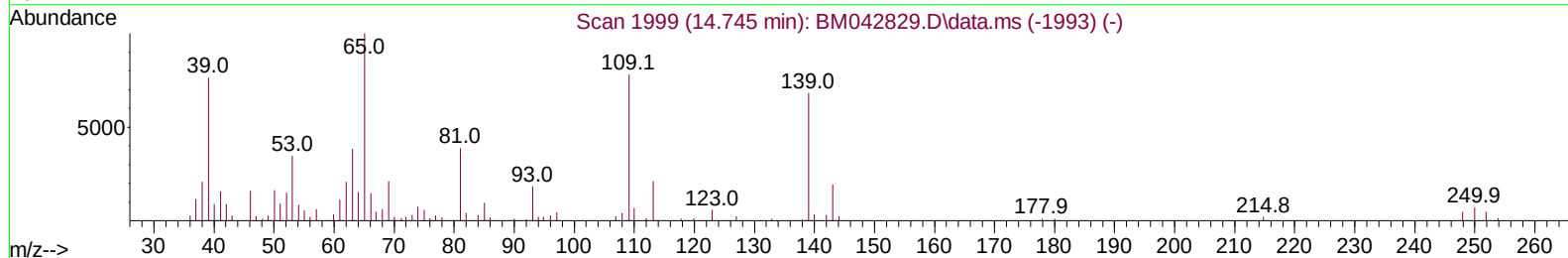
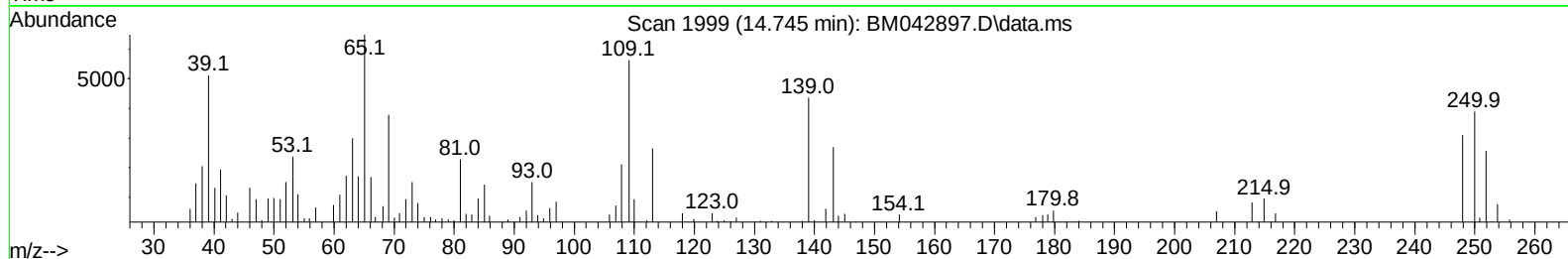
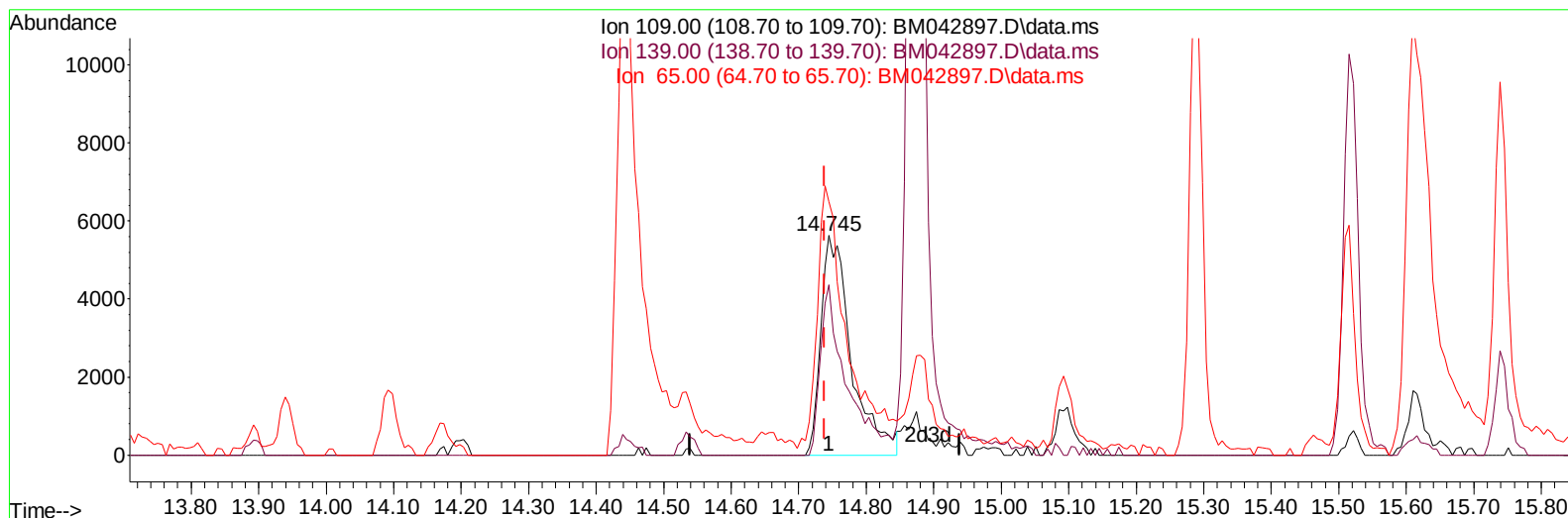
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042897.D
Acq On : 19 Nov 2023 02:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020152

Quant Time: Nov 19 03:22:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BM042897.D\data.ms

(55) 4-Nitrophenol

14.745min (+ 0.006) 17.03 ng/ul m

response 17645

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	83.90	77.60
65.00	133.90	115.38
0.00	0.00	0.00

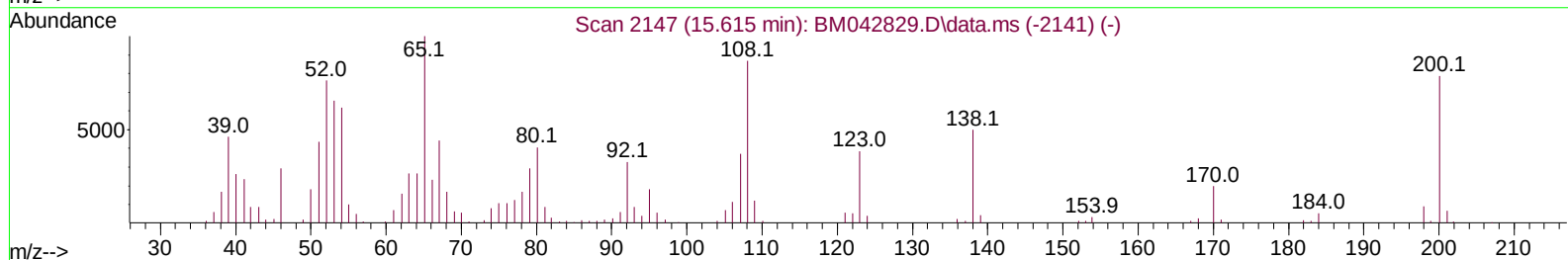
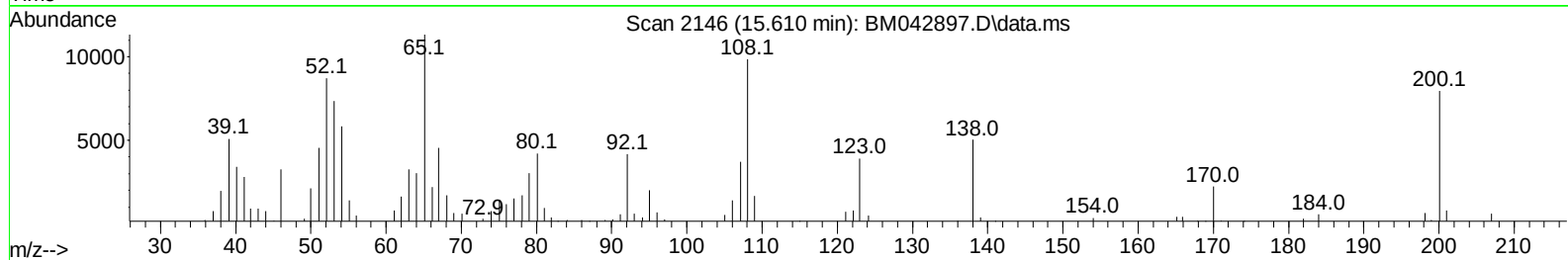
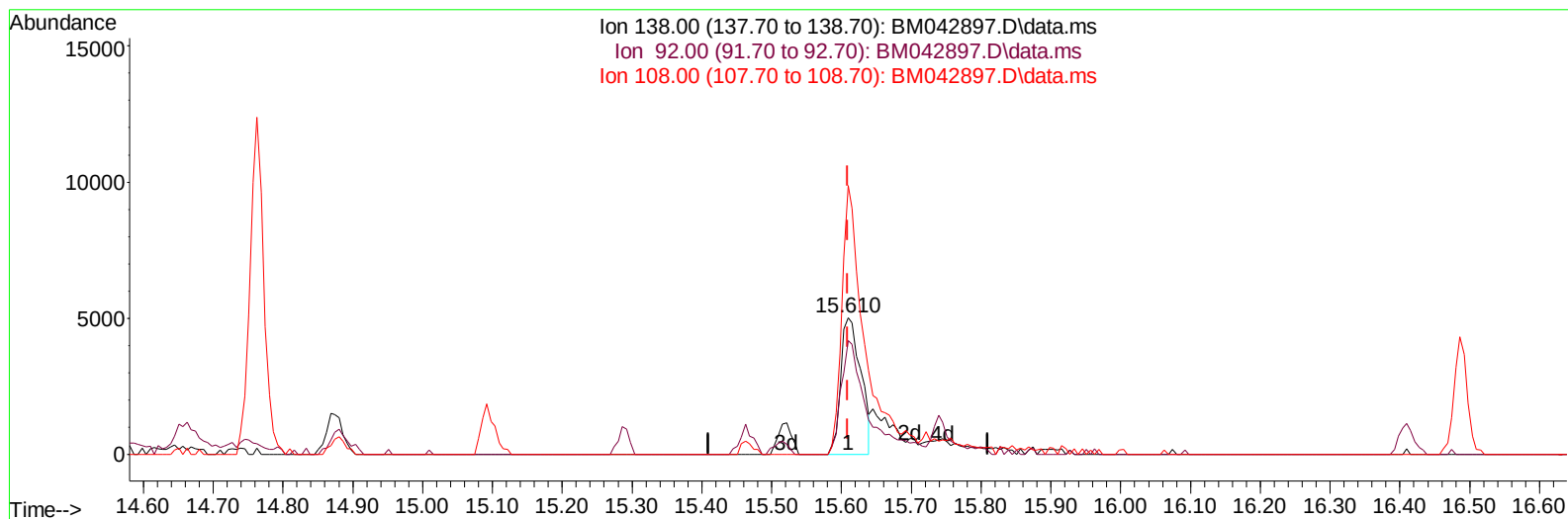
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042897.D
 Acq On : 19 Nov 2023 02:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 19 03:22:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration



TIC: BM042897.D\data.ms

(63) 4-Nitroaniline

15.610min (+ 0.000) 12.72 ng/ul

response 10112

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.20	83.14#
108.00	161.90	196.34#
0.00	0.00	0.00

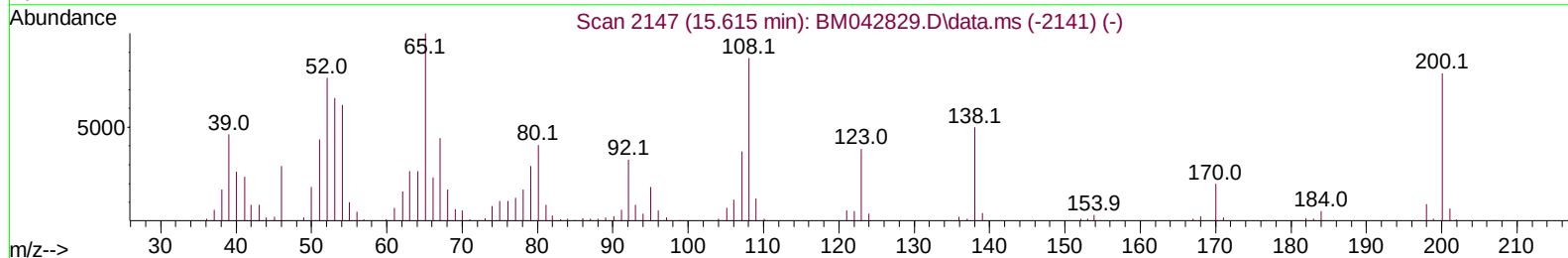
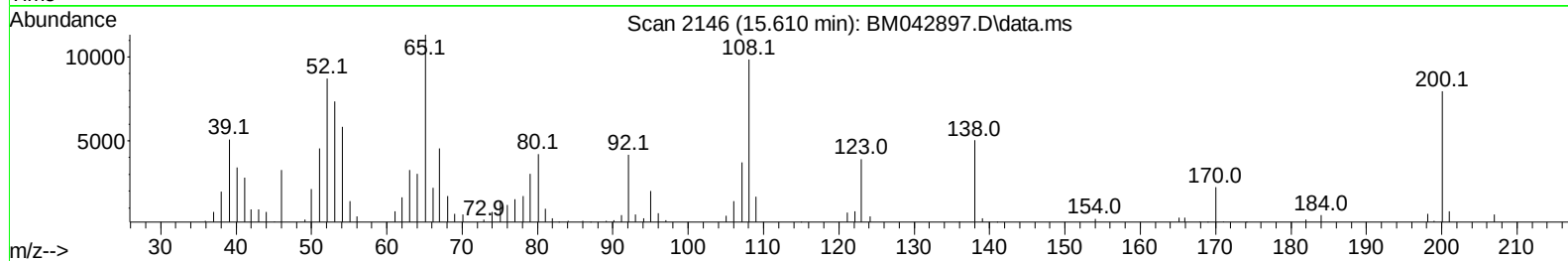
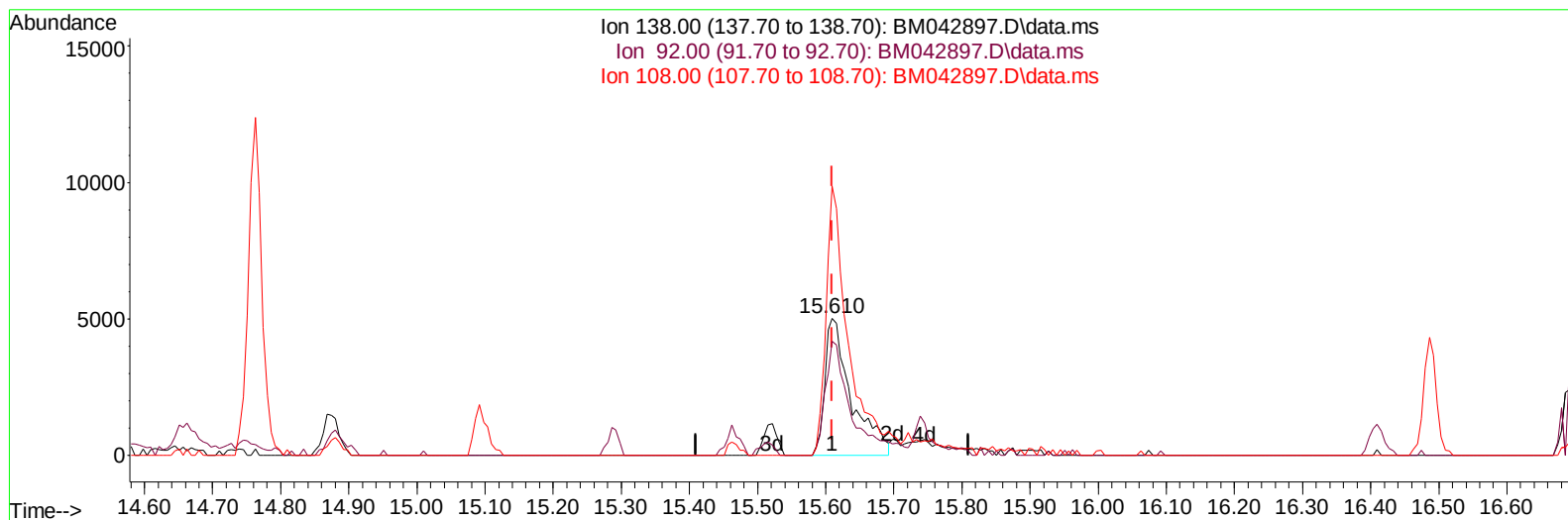
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042897.D
Acq On : 19 Nov 2023 02:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020152

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 19 03:22:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration



TIC: BM042897.D\data.ms

(63) 4-Nitroaniline

15.610min (+ 0.000) 16.99 ng/ul m

response 13502

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.20	83.14#
108.00	161.90	196.34#
0.00	0.00	0.00

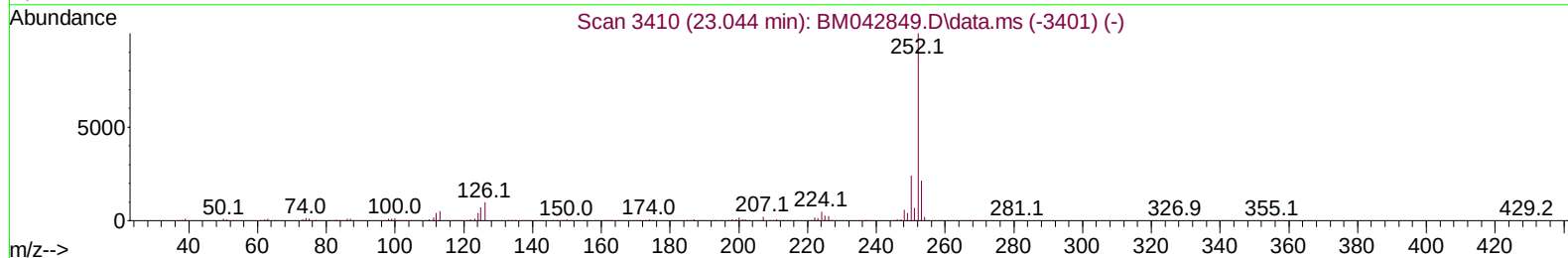
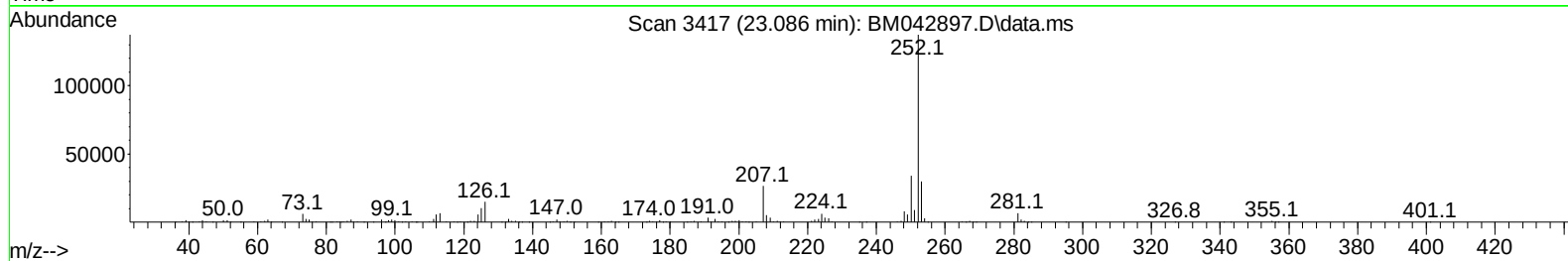
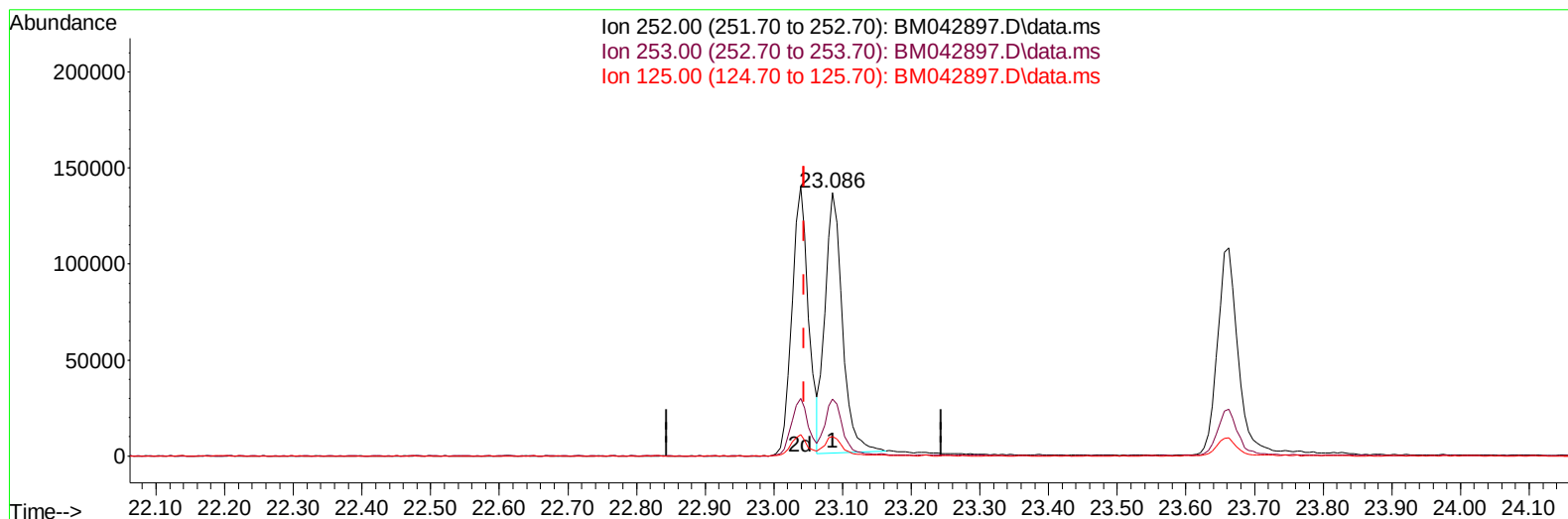
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042897.D
 Acq On : 19 Nov 2023 02:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 19 03:22:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration



TIC: BM042897.D\data.ms

(90) Benzo(b)fluoranthene

23.086min (+ 0.041) 20.47 ng/ul

response 238964

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.30	21.68
125.00	6.50	7.43
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042897.D
 Acq On : 19 Nov 2023 02:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020152

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/20/2023

Supervised By :mohammad ahmed 11/20/2023

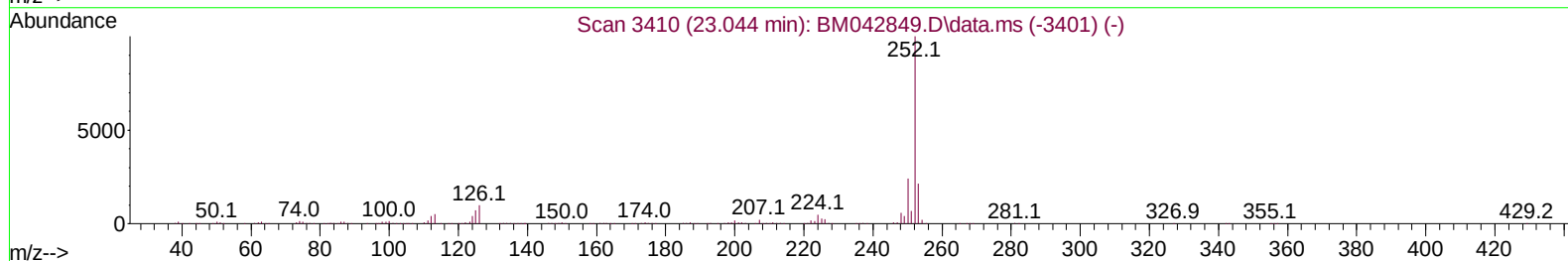
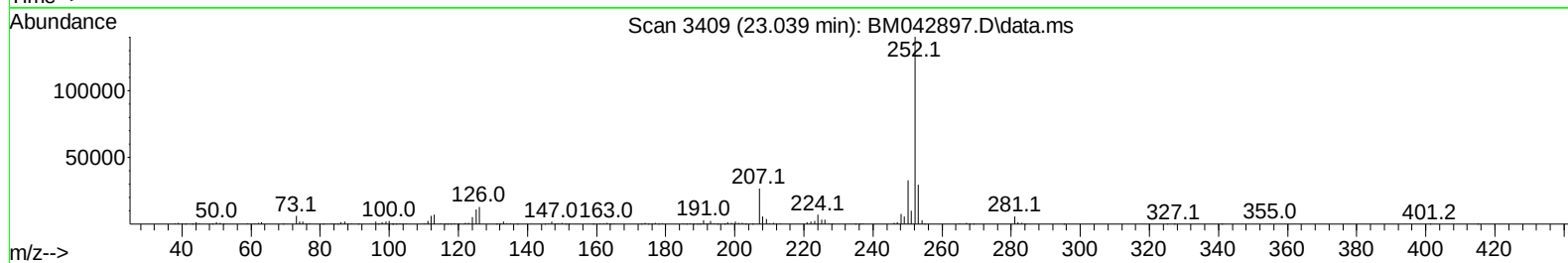
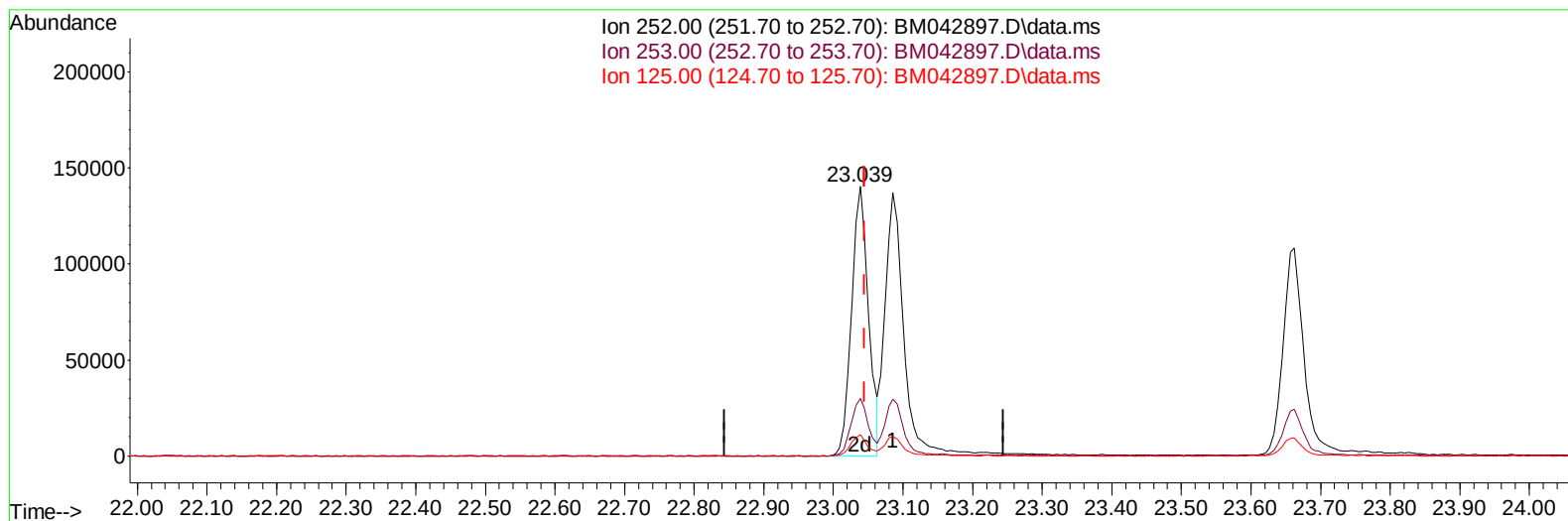
Quant Time: Nov 19 03:22:14 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Nov 18 22:06:09 2023

Response via : Initial Calibration



TIC: BM042897.D\data.ms

(90) Benzo(b)fluoranthene

23.039min (-0.006) 20.17 ng/ul m

response 235541

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.30	21.25
125.00	6.50	7.81#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042897.D
 Acq On : 19 Nov 2023 02:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 19 03:26:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	25617	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	97888	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	61565	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	135990	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	151836	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	171088	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	6520	7.986	ng/uL	0.00
4) Pyridine-d5	3.610	84	38928	19.169	ng/ul	0.00
7) Phenol-d5	6.981	99	48329	19.385	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	38227	21.820	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	36058	18.743	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	35596	18.133	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	16666m	19.419	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	16933	16.866	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	34749	18.614	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	41067	17.326	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	113568	19.491	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	124600	19.986	ng/ul	0.00
54) 4-Nitrophenol-d4	14.727	143	7528	11.436	ng/ul	0.00
60) Fluorene-d10	15.463	176	92376	19.145	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	15181	14.738	ng/ul	0.00
73) Anthracene-d10	17.327	188	144973	19.022	ng/ul	0.00
81) Pyrene-d10	19.621	212	185587	18.665	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.609	264	198404	19.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	7478	8.601	ng/uL	91
5) Pyridine	3.628	79	44482	20.144	ng/ul	95
6) Benzaldehyde	6.981	77	34133	23.862	ng/ul	94
8) Phenol	7.010	94	48502	19.558	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.257	93	41187	20.106	ng/ul	93
12) 2-Chlorophenol	7.369	128	37364	19.516	ng/ul	97
13) 2-Methylphenol	8.269	108	33448	18.087	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.328	45	85545m	22.940	ng/ul	
16) Acetophenone	8.669	105	60572	18.350	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.628	70	38334	19.077	ng/ul#	85
18) 4-Methylphenol	8.598	108	36587	18.197	ng/ul	98
19) Hexachloroethane	8.863	117	21882	20.506	ng/ul	85
22) Nitrobenzene	9.057	77	56251	21.686	ng/ul	92
23) Isophorone	9.563	82	100218	19.399	ng/ul	97
25) 2-Nitrophenol	9.757	139	18420	18.058	ng/ul	87
26) 2,4-Dimethylphenol	9.798	107	40422	18.521	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.057	93	54729	20.964	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	34863	19.725	ng/ul	98
30) Naphthalene	10.675	128	121363	19.790	ng/ul	100
32) 4-Chloroaniline	10.828	127	41335	18.178	ng/ul	97
33) Hexachlorobutadiene	10.892	225	31887	20.424	ng/ul	94
34) Caprolactam	11.657	113	7980m	15.227	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	35696	18.848	ng/ul	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042897.D
 Acq On : 19 Nov 2023 02:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020152

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 19 03:26:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.286	142	78760	19.162	ng/ul	97
37) 1-Methylnaphthalene	12.510	142	82338	19.054	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.639	216	52136	21.593	ng/ul	98
40) Hexachlorocyclopentadiene	12.580	237	19407	16.978	ng/ul	92
41) 2,4,6-Trichlorophenol	12.910	196	29520	20.016	ng/ul	92
42) 2,4,5-Trichlorophenol	12.986	196	30314	21.287	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	107040	20.848	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	85264	20.643	ng/ul	96
45) 2-Nitroaniline	13.604	65	26448	19.634	ng/ul	86
47) Dimethylphthalate	13.939	163	109112	19.226	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	19635	18.416	ng/ul#	81
50) Acenaphthylene	14.198	152	138943	19.890	ng/ul	98
51) 3-Nitroaniline	14.439	138	14668	16.824	ng/ul	93
52) Acenaphthene	14.533	153	95428	20.199	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	6973m	13.153	ng/ul	
55) 4-Nitrophenol	14.745	109	17645m	17.033	ng/ul	
56) Dibenzofuran	14.874	168	130821	19.950	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	28639	18.296	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.092	232	27536	18.627	ng/ul#	96
59) Diethylphthalate	15.292	149	115000	19.324	ng/ul	98
61) Fluorene	15.521	166	108112	19.419	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.515	204	59980	19.991	ng/ul	96
63) 4-Nitroaniline	15.610	138	13502m	16.987	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.627	198	16635	15.862	ng/ul#	76
67) N-Nitrosodiphenylamine	15.739	169	86495	20.279	ng/ul	98
68) 4-Bromophenyl-phenylether	16.410	248	35779	19.766	ng/ul	95
69) Hexachlorobenzene	16.486	284	44089	19.924	ng/ul	97
70) Atrazine	16.692	200	31555	19.207	ng/ul	97
71) Pentachlorophenol	16.862	266	21747	17.066	ng/ul	97
72) Phenanthrene	17.268	178	168664	19.853	ng/ul	98
74) Anthracene	17.362	178	164625	19.265	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.257	216	54550	22.685	ng/uL	95
76) Pentachlorobenzene	14.763	250	52975	20.996	ng/uL	98
77) Carbazole	17.657	167	128040	18.146	ng/ul	100
78) Di-n-butylphthalate	18.168	149	186256	18.051	ng/ul	98
80) Fluoranthene	19.286	202	207324	18.288	ng/ul	99
82) Pyrene	19.651	202	227077	18.891	ng/ul	98
83) Butylbenzylphthalate	20.533	149	85573	16.667	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.345	252	65977	16.978	ng/ul	99
85) Benzo(a)anthracene	21.392	228	232362	19.495	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	128126	16.448	ng/ul	97
87) Chrysene	21.445	228	222417	19.241	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	227239	16.443	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	235541m	20.173	ng/ul	
91) Benzo(k)fluoranthene	23.086	252	238964	19.226	ng/ul	99
93) Benzo(a)pyrene	23.662	252	224884	19.766	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.221	276	280342	19.827	ng/ul	99
95) Dibenzo(a,h)anthracene	26.238	278	223011	19.024	ng/ul	99
96) Benzo(g,h,i)perylene	26.985	276	228186	20.323	ng/ul	100

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