

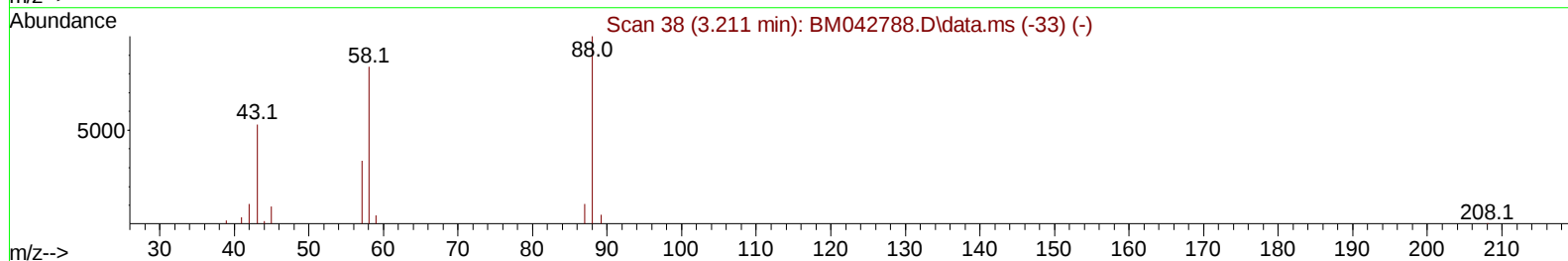
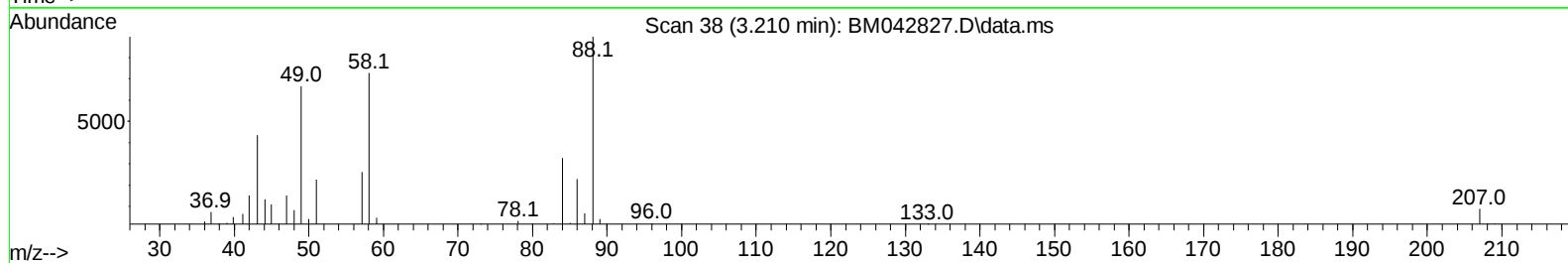
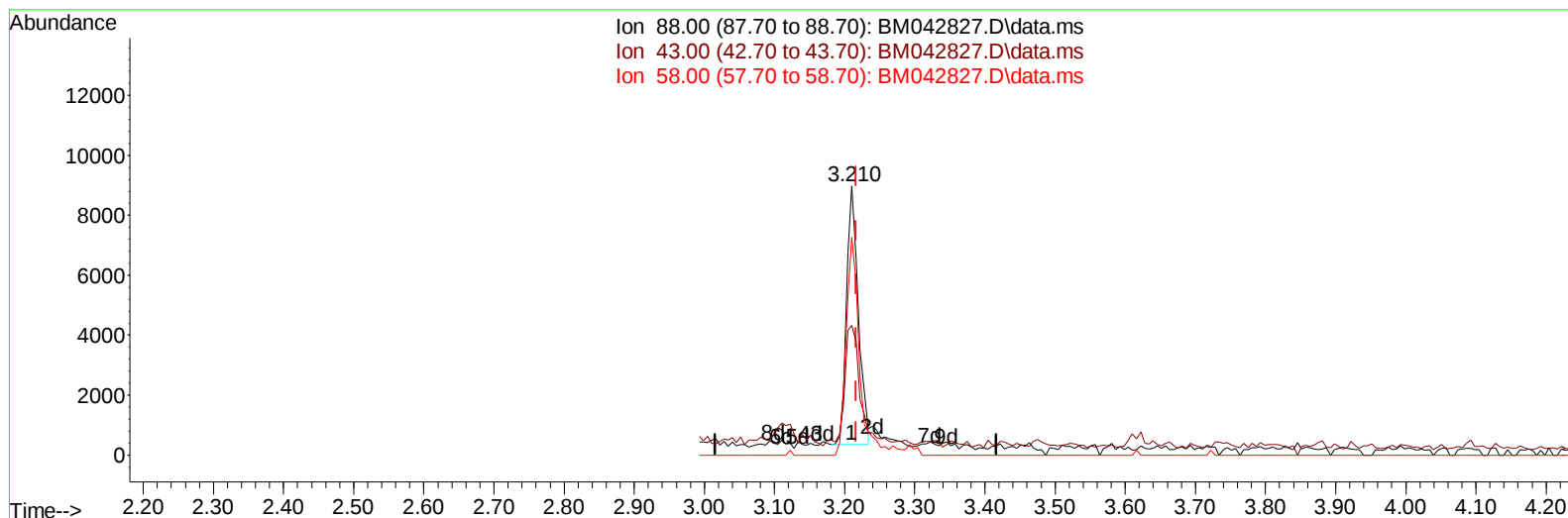
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042827.D
 Acq On : 17 Nov 2023 04:10
 Operator : MA/JU
 Sample : PB157007BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS007

Manual IntegrationsAPPROVED

Quant Time: Nov 17 04:41:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023



TIC: BM042827.D\data.ms

(2) 1,4-Dioxane

3.210min (-0.006) 10.89 ng/uL

response 10098

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	42.90	48.30
58.00	74.20	80.92
0.00	0.00	0.00

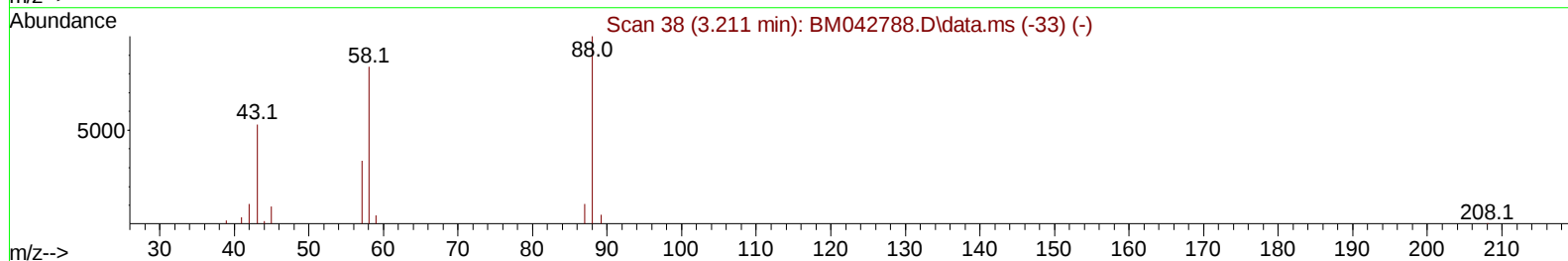
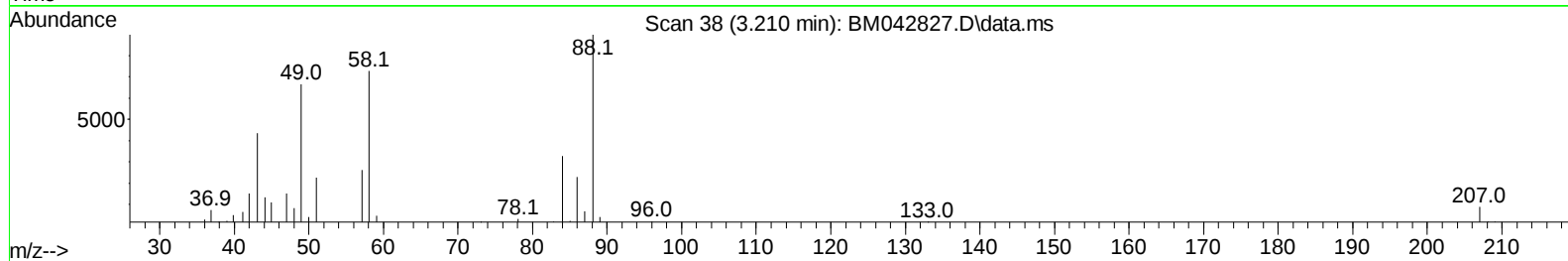
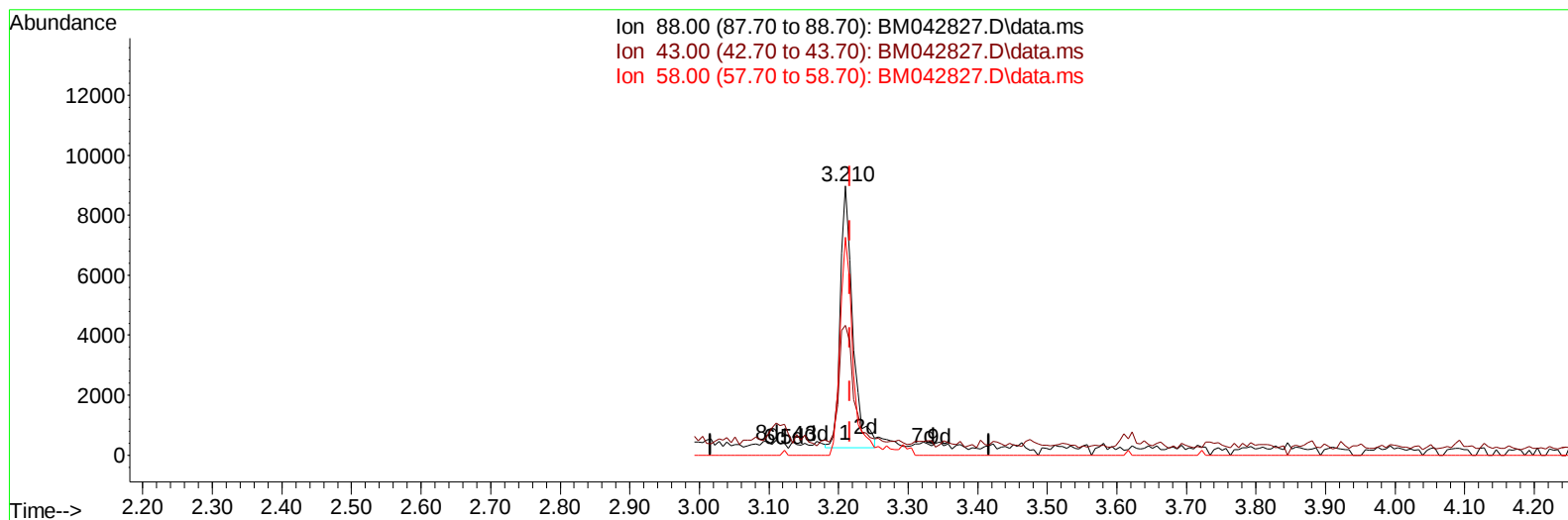
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042827.D
 Acq On : 17 Nov 2023 04:10
 Operator : MA/JU
 Sample : PB157007BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS007

Manual IntegrationsAPPROVED

Quant Time: Nov 17 04:41:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023



TIC: BM042827.D\data.ms

(2) 1,4-Dioxane

3.210min (-0.006) 11.92 ng/uL m

response 11054

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	42.90	48.30
58.00	74.20	80.92
0.00	0.00	0.00

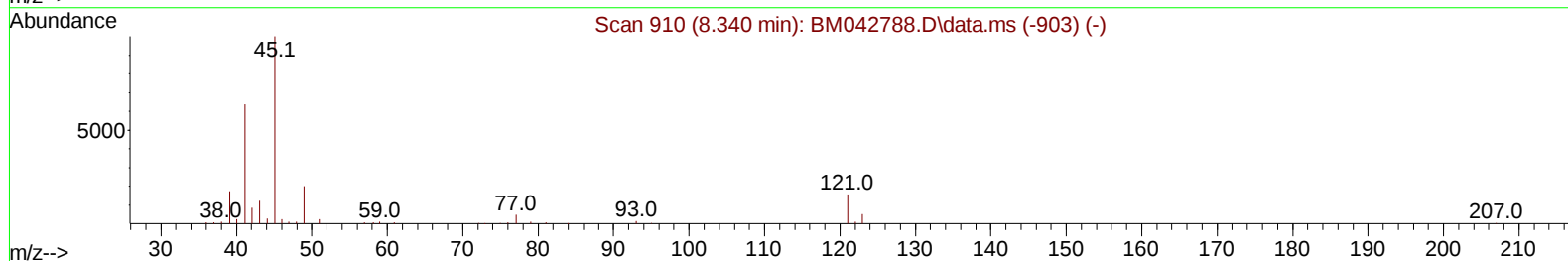
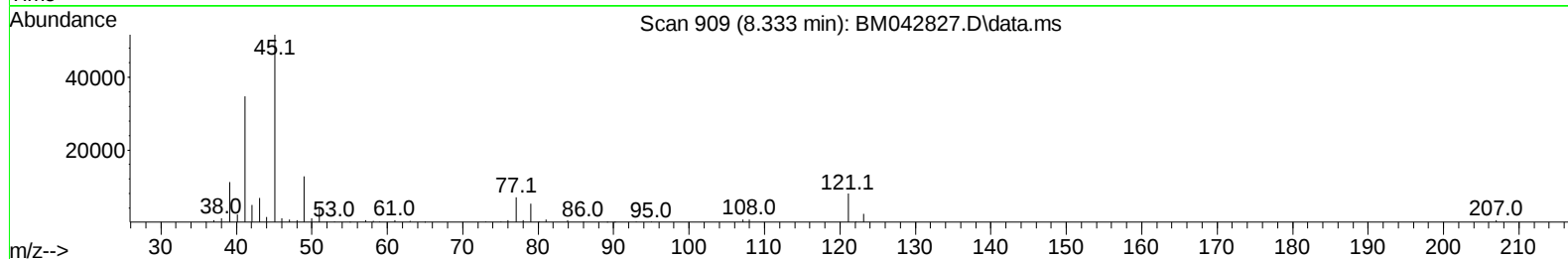
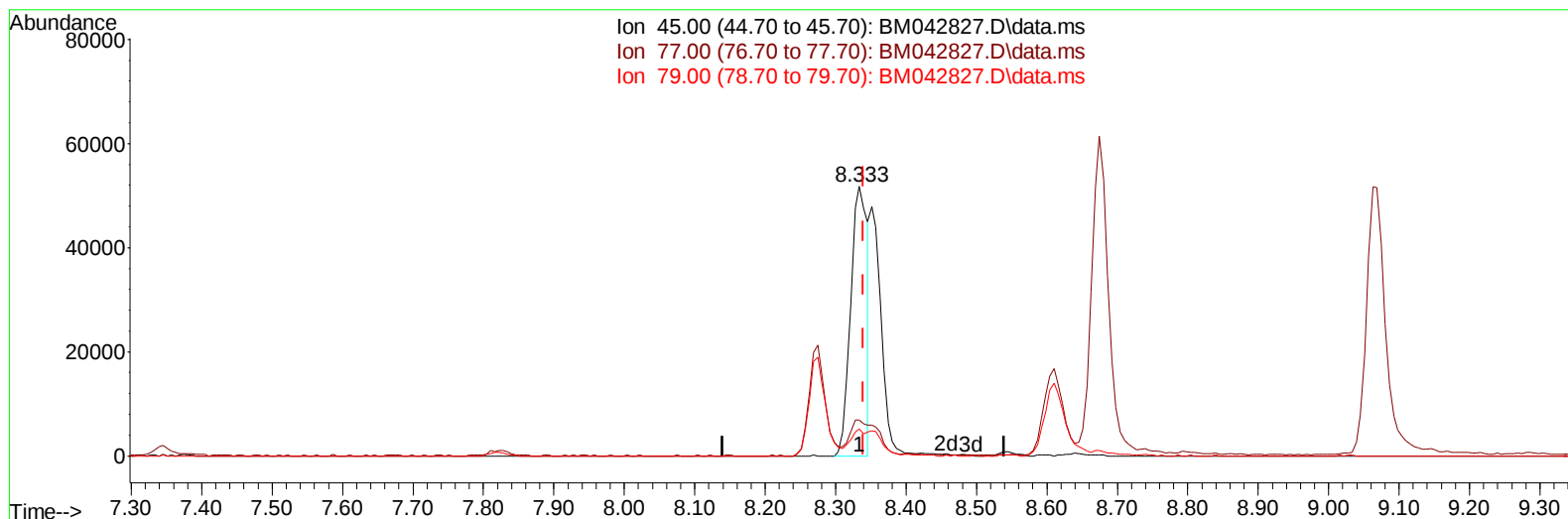
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042827.D
 Acq On : 17 Nov 2023 04:10
 Operator : MA/JU
 Sample : PB157007BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS007

Manual IntegrationsAPPROVED

Quant Time: Nov 17 04:41:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023



TIC: BM042827.D\data.ms

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

8.333min (-0.006) 21.41 ng/u1

response 85154

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.37
79.00	10.20	10.06
0.00	0.00	0.00

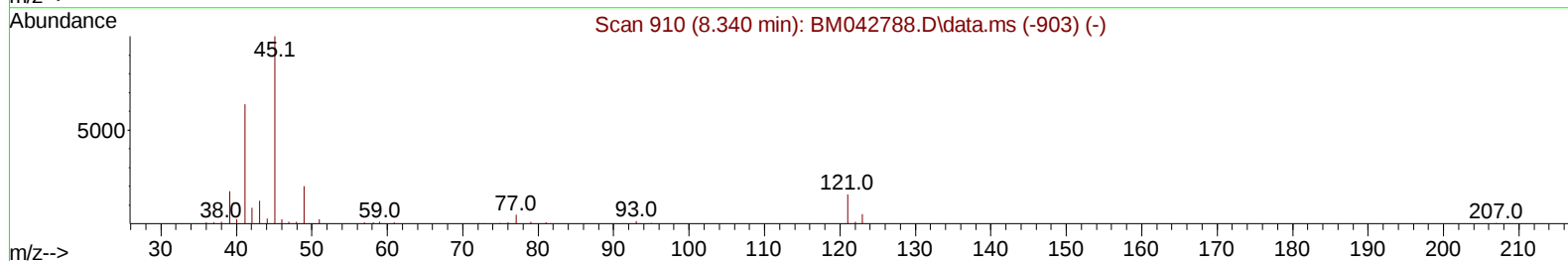
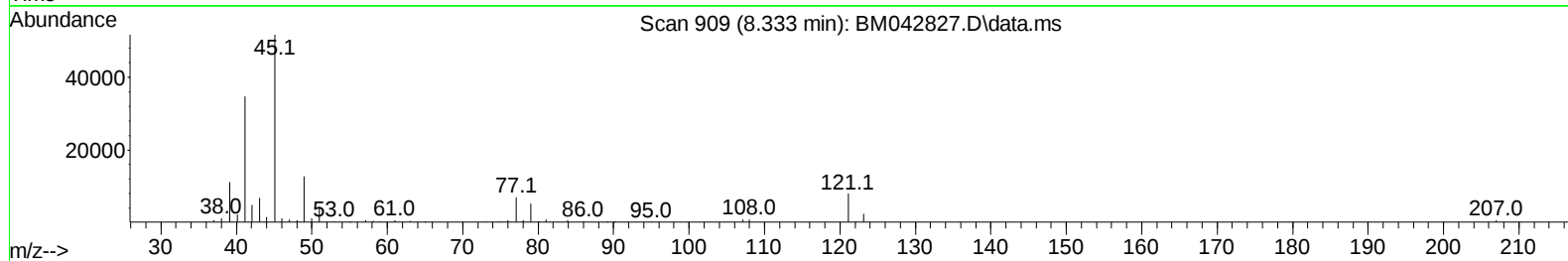
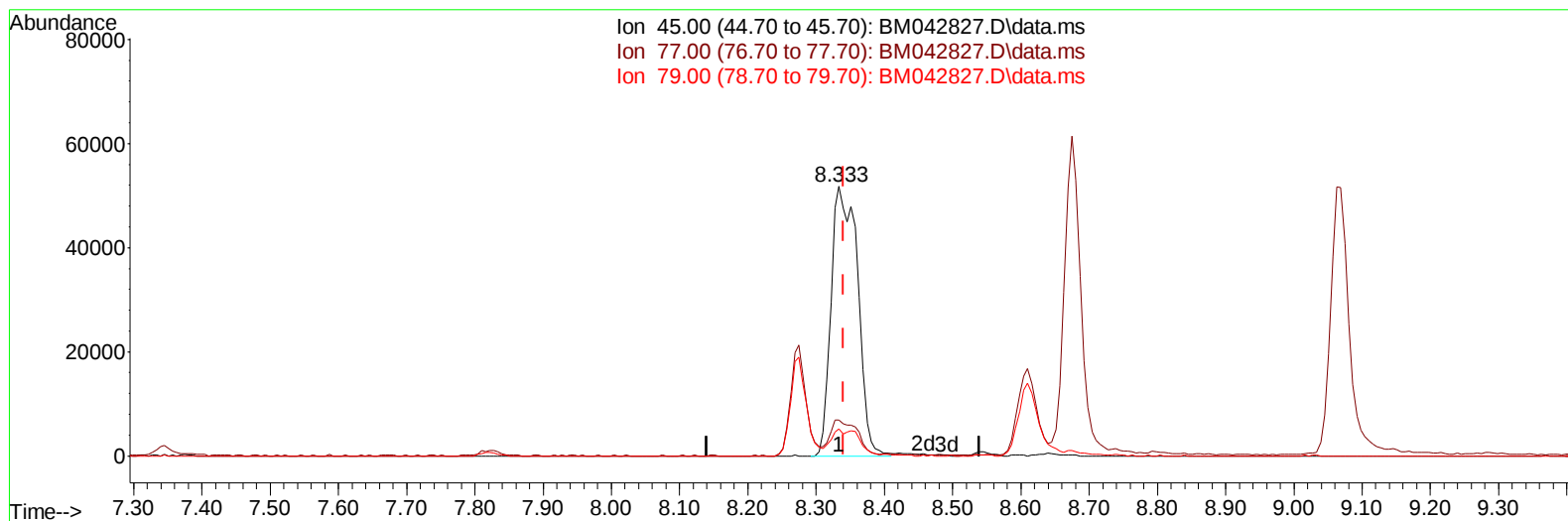
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042827.D
 Acq On : 17 Nov 2023 04:10
 Operator : MA/JU
 Sample : PB157007BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS007

Manual IntegrationsAPPROVED

Quant Time: Nov 17 04:41:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023



TIC: BM042827.D\data.ms

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

8.333min (-0.006) 34.91 ng/ul m

response 138839

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	13.37
79.00	10.20	10.06
0.00	0.00	0.00

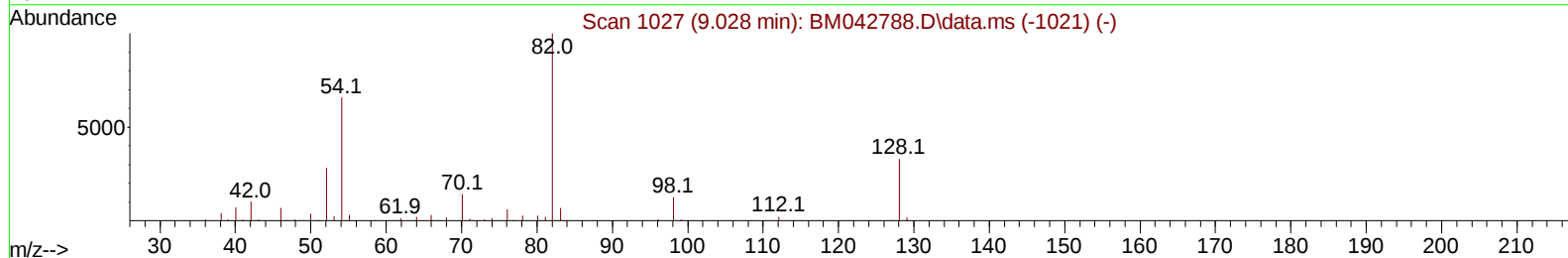
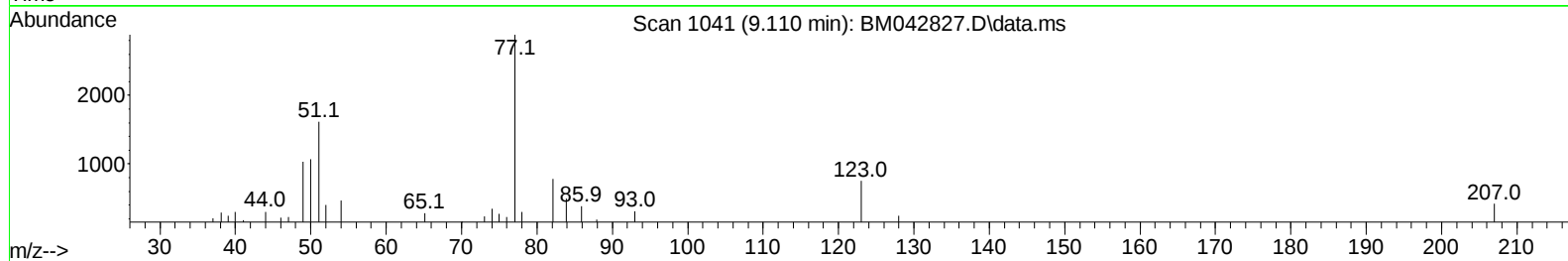
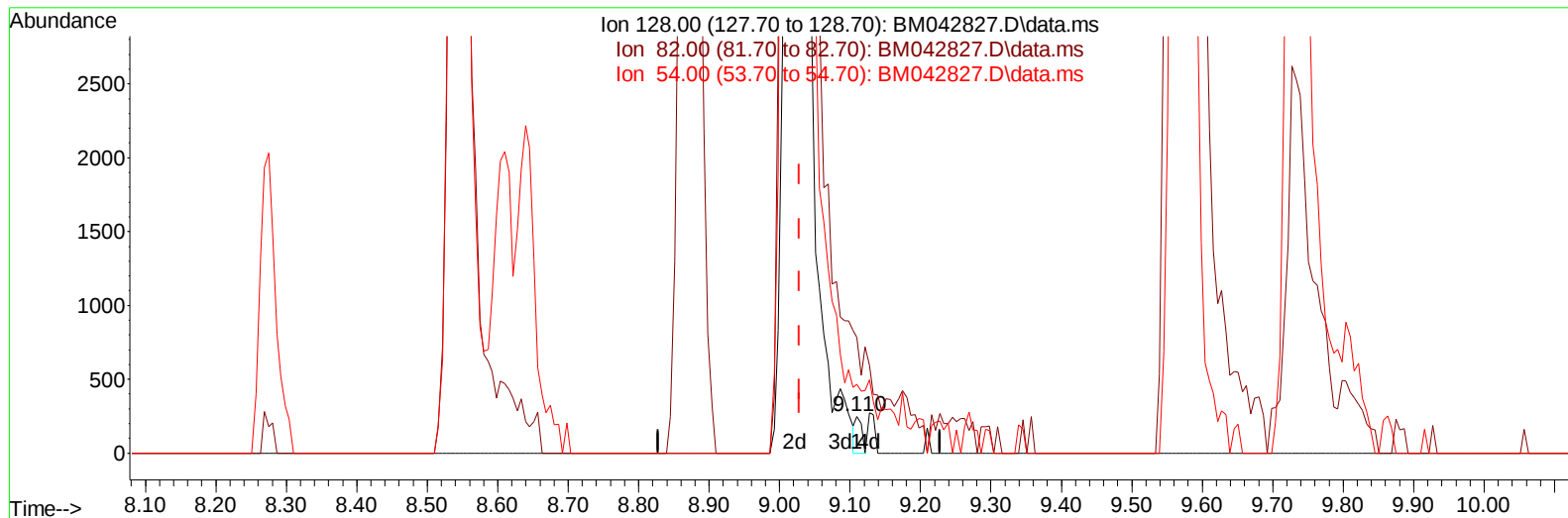
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042827.D
 Acq On : 17 Nov 2023 04:10
 Operator : MA/JU
 Sample : PB157007BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS007

Manual IntegrationsAPPROVED

Quant Time: Nov 17 04:41:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023



TIC: BM042827.D\data.ms

(21) Nitrobenzene-d5 (S)

9.110min (+ 0.082) 0.16 ng/u1

response 158

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	289.30	316.13
54.00	185.60	188.31
0.00	0.00	0.00

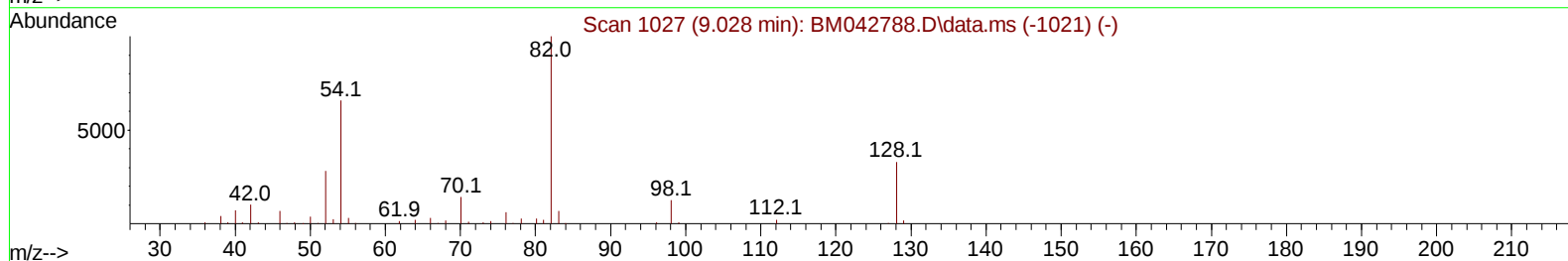
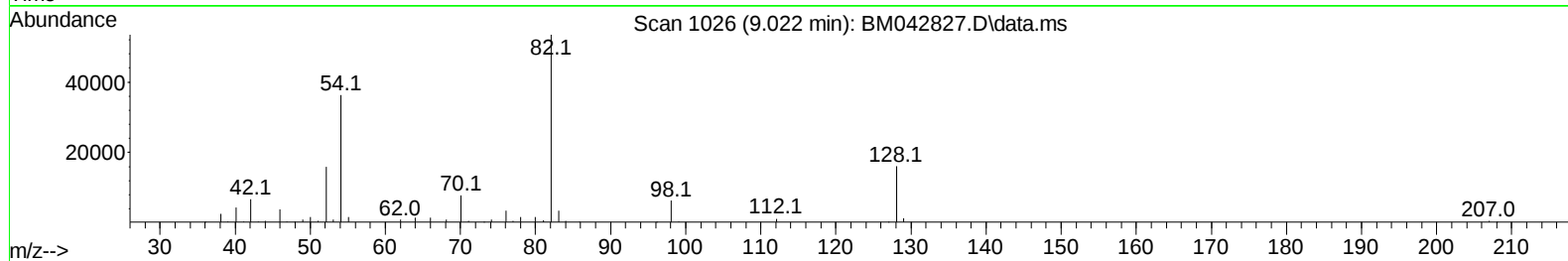
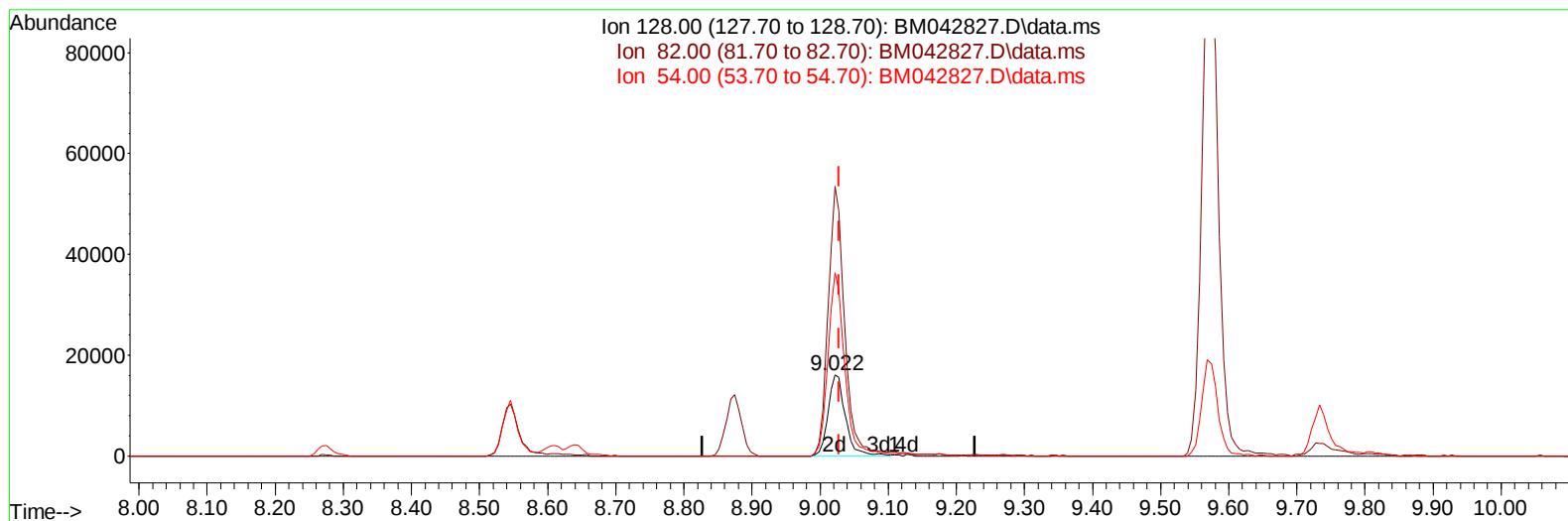
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042827.D
 Acq On : 17 Nov 2023 04:10
 Operator : MA/JU
 Sample : PB157007BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS007

Manual IntegrationsAPPROVED

Quant Time: Nov 17 04:41:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023



TIC: BM042827.D\data.ms

(21) Nitrobenzene-d5 (S)

9.022min (-0.006) 28.89 ng/ul m

response 28492

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	289.30	332.53
54.00	185.60	226.05#
0.00	0.00	0.00

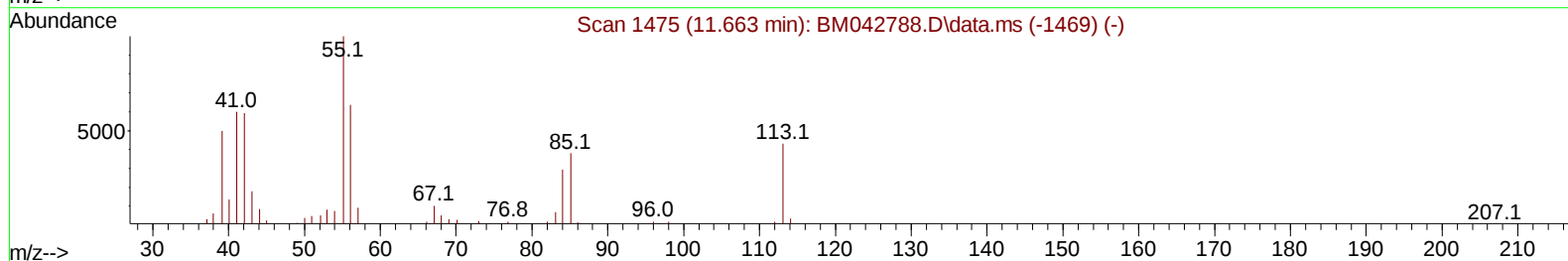
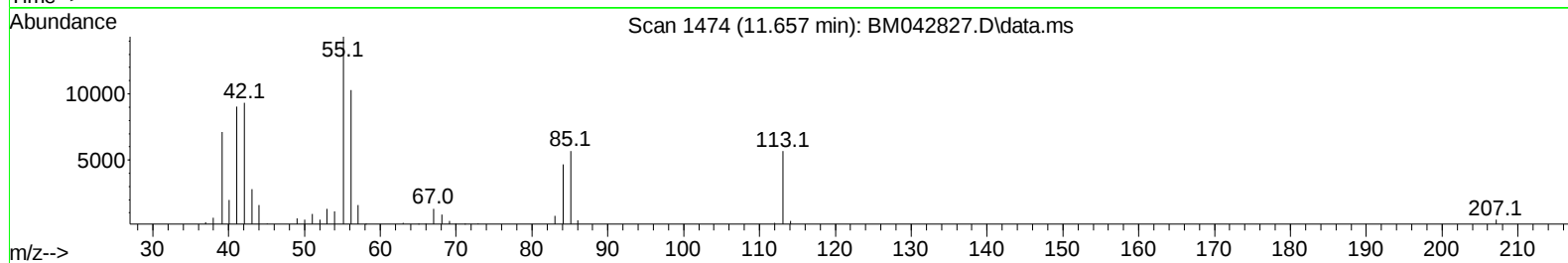
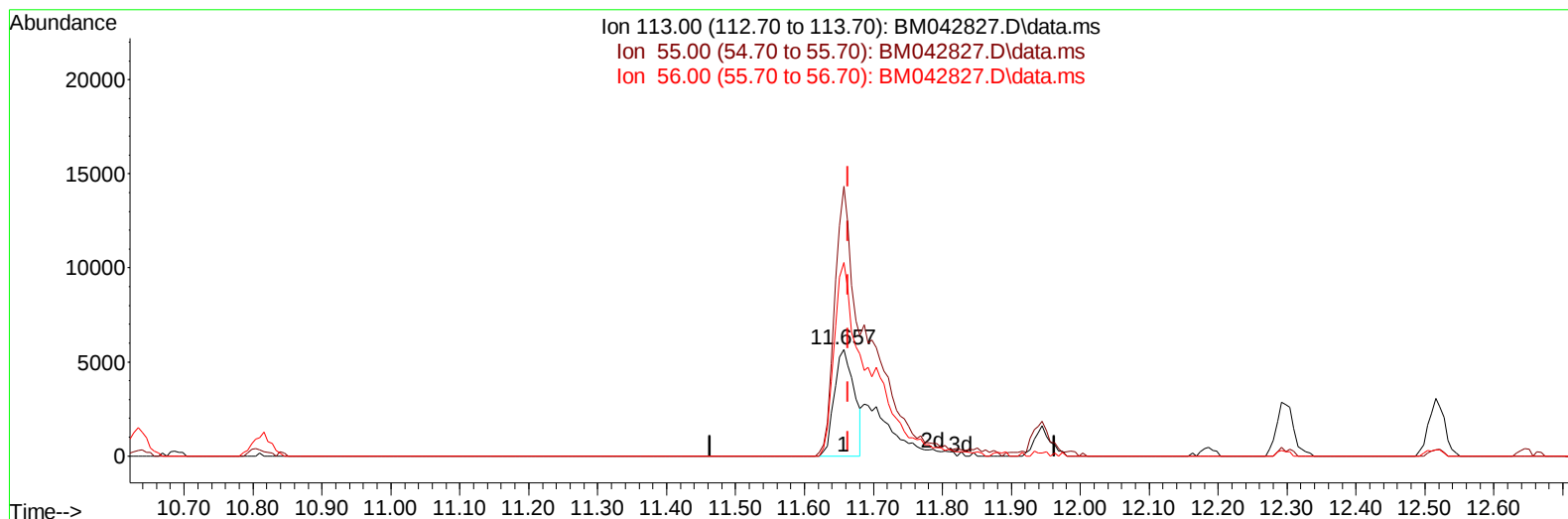
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042827.D
 Acq On : 17 Nov 2023 04:10
 Operator : MA/JU
 Sample : PB157007BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS007

Manual IntegrationsAPPROVED

Quant Time: Nov 17 04:41:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023



TIC: BM042827.D\data.ms

(34) Caprolactam

11.657min (-0.006) 18.90 ng/ul

response 11379

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	252.59
56.00	167.90	181.63
0.00	0.00	0.00

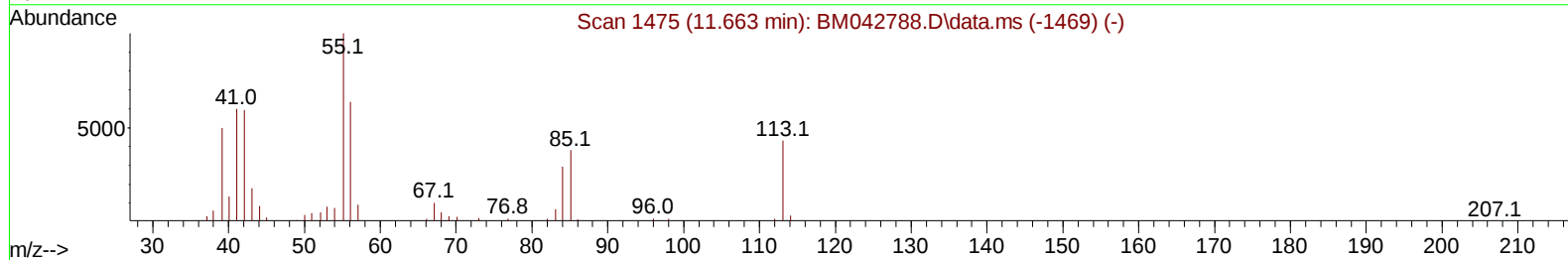
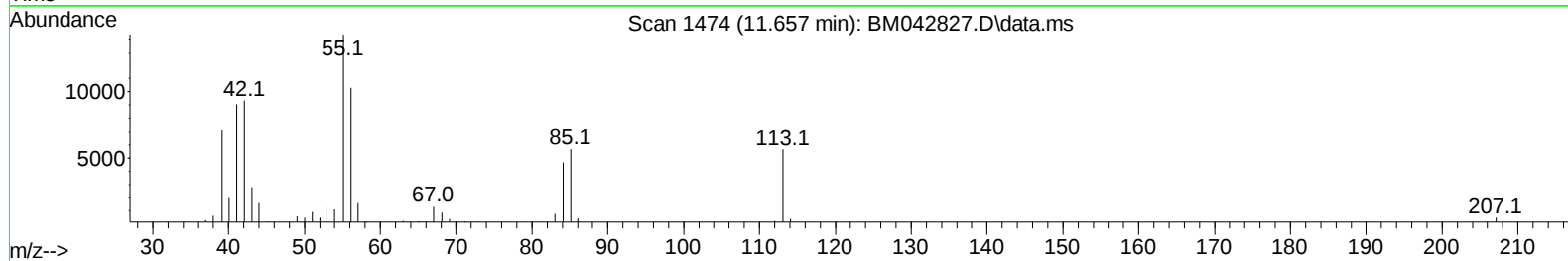
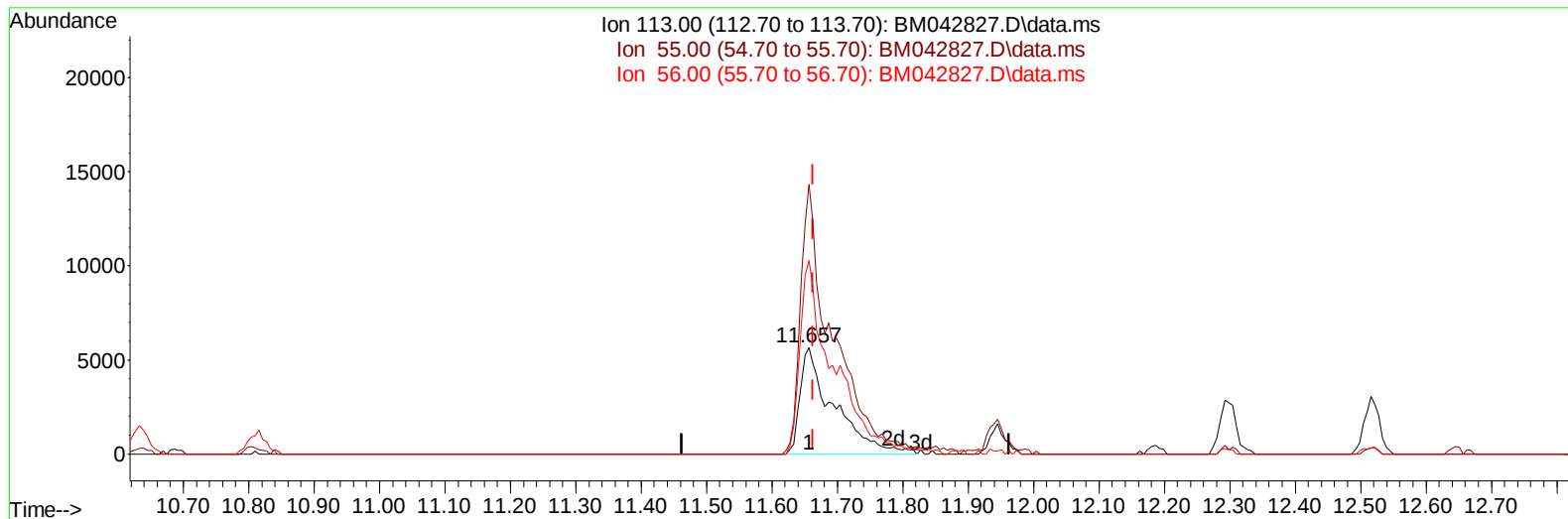
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042827.D
 Acq On : 17 Nov 2023 04:10
 Operator : MA/JU
 Sample : PB157007BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS007

Manual IntegrationsAPPROVED

Quant Time: Nov 17 04:41:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023



TIC: BM042827.D\data.ms

(34) Caprolactam

11.657min (-0.006) 33.25 ng/ul m

response 20023

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	252.59
56.00	167.90	181.63
0.00	0.00	0.00

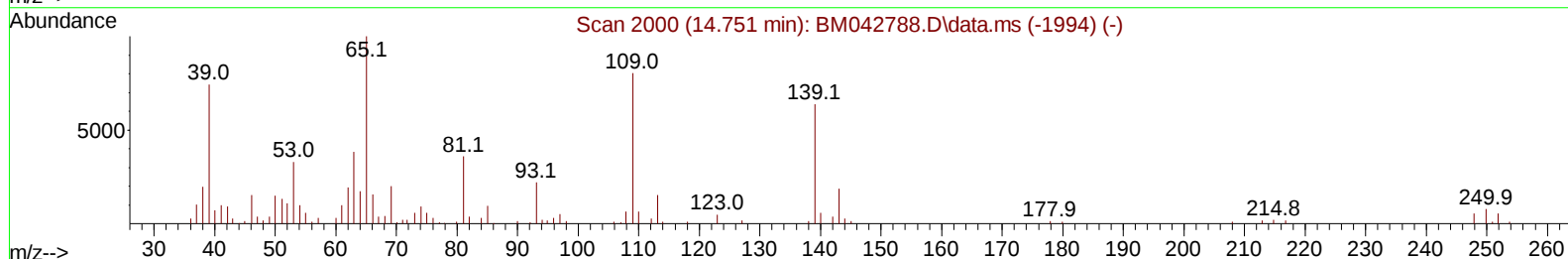
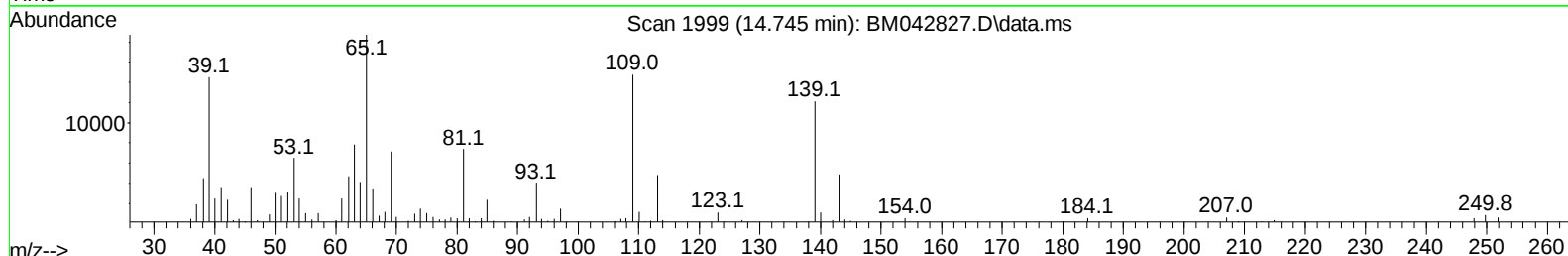
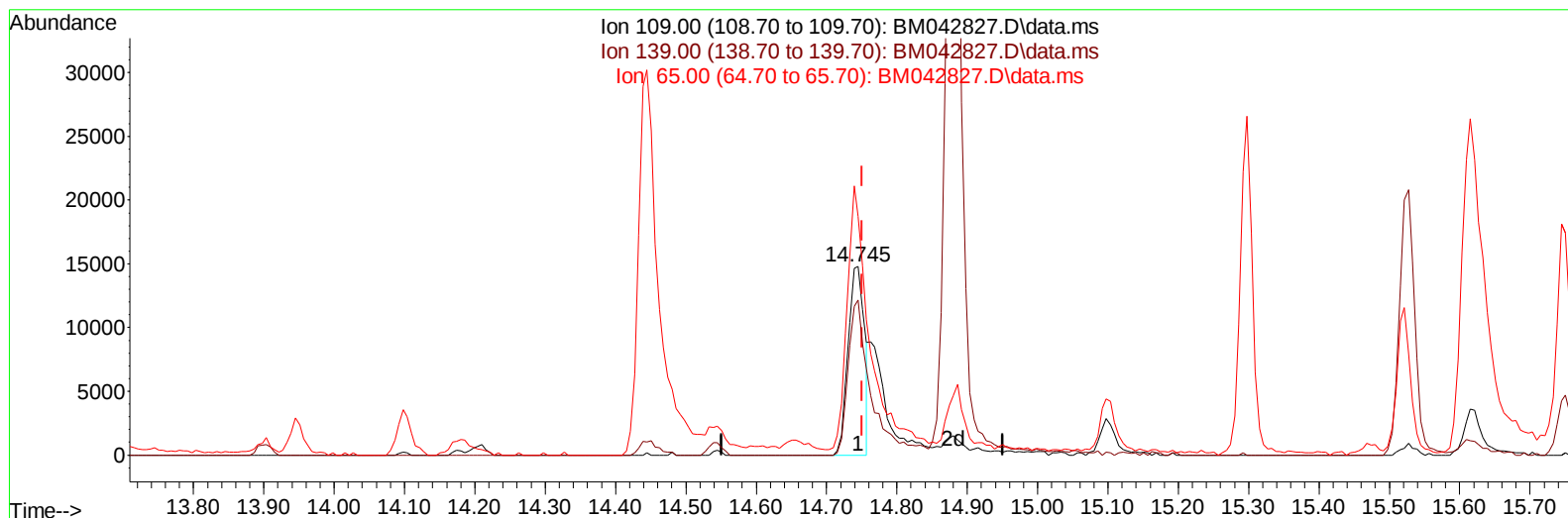
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042827.D
 Acq On : 17 Nov 2023 04:10
 Operator : MA/JU
 Sample : PB157007BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS007

Manual IntegrationsAPPROVED

Quant Time: Nov 17 04:41:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023



TIC: BM042827.D\data.ms

(55) 4-Nitrophenol

14.745min (-0.006) 18.86 ng/ul

response 23888

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	83.90	82.06
65.00	133.90	126.61
0.00	0.00	0.00

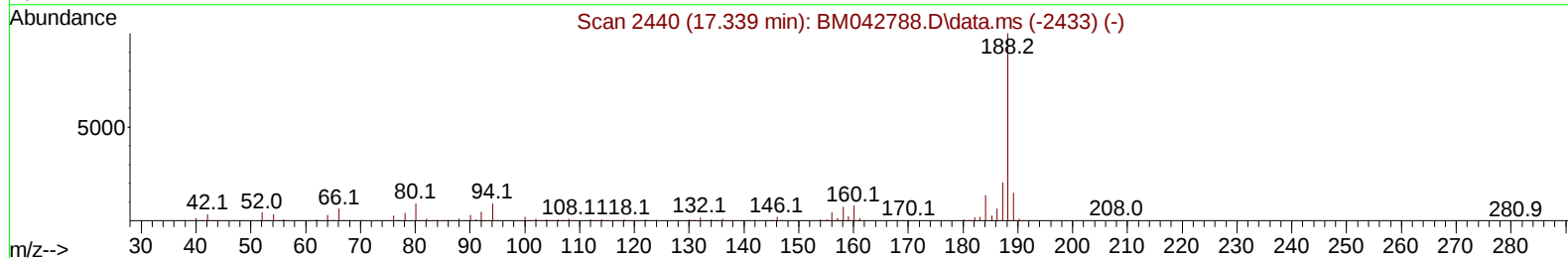
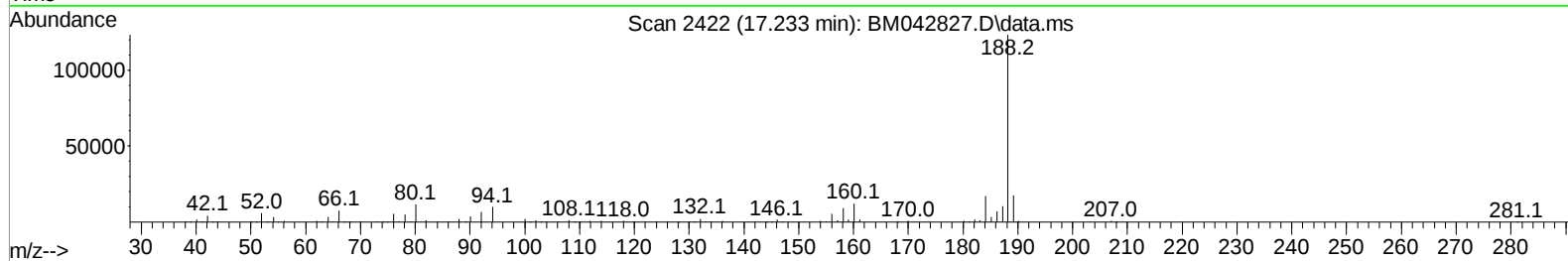
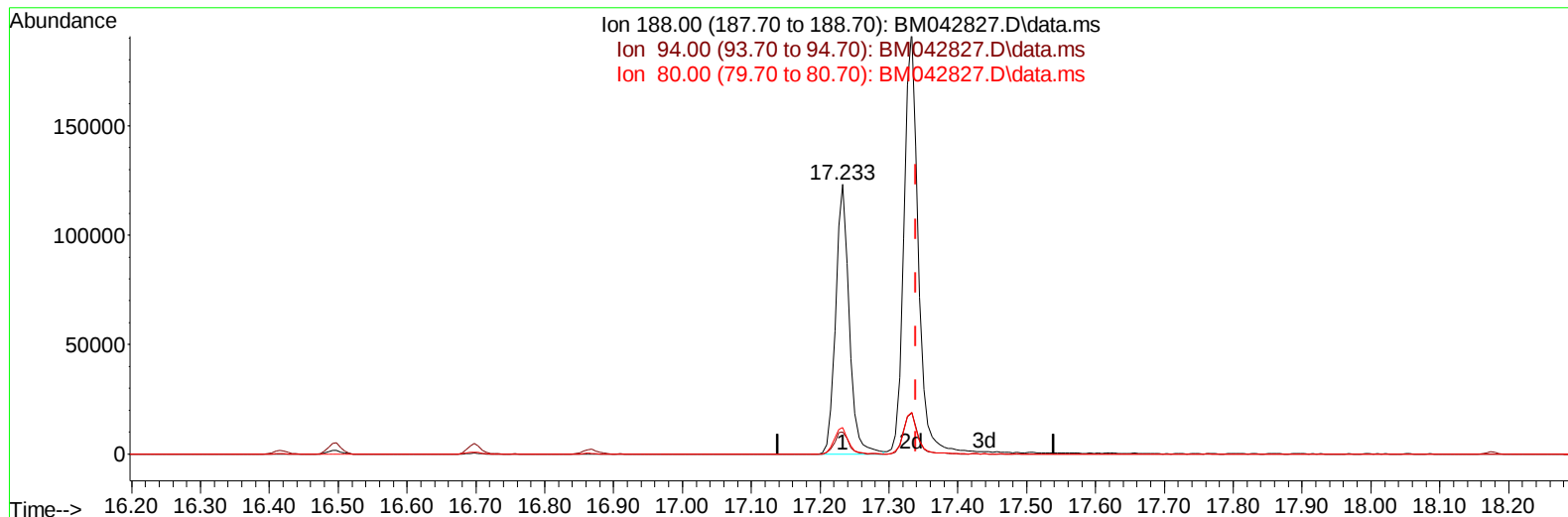
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042827.D
Acq On : 17 Nov 2023 04:10
Operator : MA/JU
Sample : PB157007BS
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS007

Manual IntegrationsAPPROVED

Quant Time: Nov 17 04:41:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



TIC: BM042827.D\data.ms

(73) Anthracene-d10 (S)

17.233min (-0.106) 17.84 ng/u1

response 168839

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.50	8.19
80.00	8.20	9.71
0.00	0.00	0.00

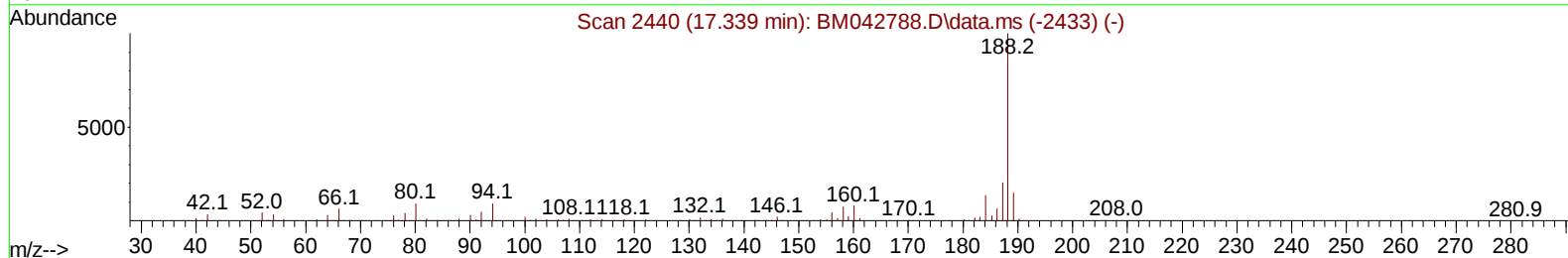
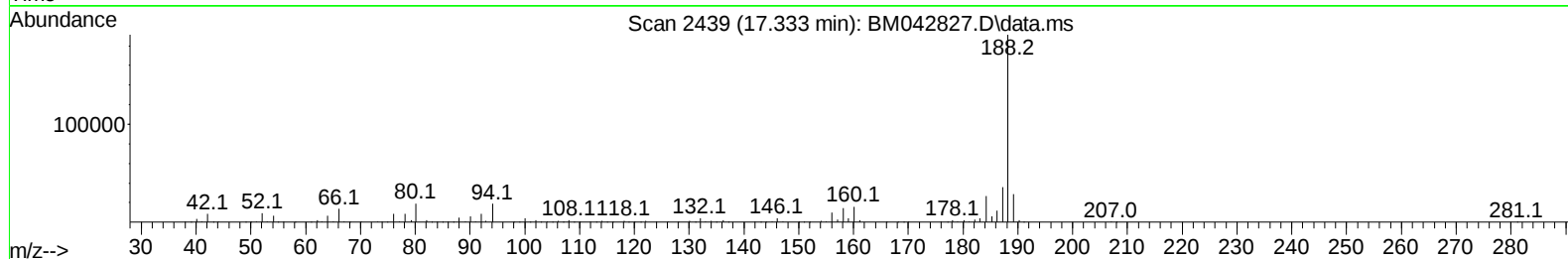
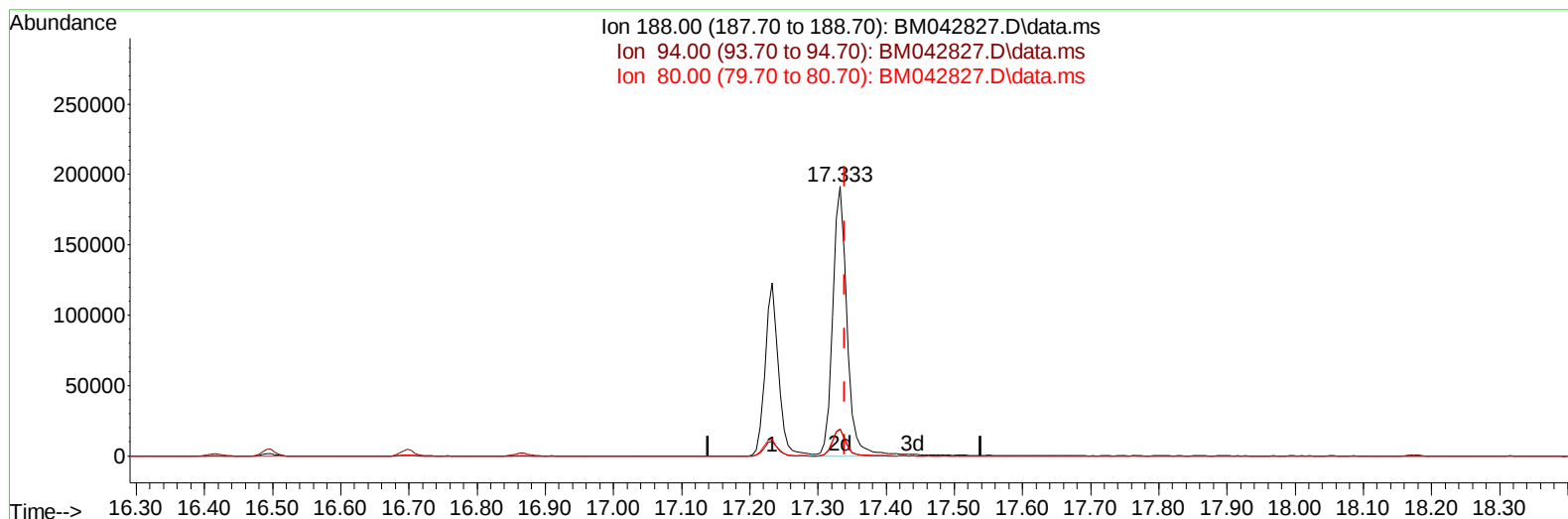
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042827.D
 Acq On : 17 Nov 2023 04:10
 Operator : MA/JU
 Sample : PB157007BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS007

Manual IntegrationsAPPROVED

Quant Time: Nov 17 04:41:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023



TIC: BM042827.D\data.ms

(73) Anthracene-d10 (S)

17.333min (-0.006) 29.44 ng/ul m

response 278590

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.50	9.85
80.00	8.20	10.01#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042827.D
 Acq On : 17 Nov 2023 04:10
 Operator : MA/JU
 Sample : PB157007BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS007

Manual IntegrationsAPPROVED

Quant Time: Nov 17 04:44:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	27322	20.000	ng/ul	0.00
20) Naphthalene-d8	10.633	136	112487	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	75259	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.233	188	168839	20.000	ng/ul	0.00
79) Chrysene-d12	21.415	240	202566	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	229574	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	5310	6.098	ng/uL	0.00
4) Pyridine-d5	3.610	84	68314	31.541	ng/ul	0.00
7) Phenol-d5	6.987	99	81775	30.753	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	60633	32.450	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	58583	28.552	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	60539	28.914	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	28492m	28.890	ng/ul	0.00
24) 2-Nitrophenol-d4	9.733	143	31399	27.215	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	62089	28.943	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	68969	25.321	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	199175	27.963	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	219264	28.771	ng/ul	0.00
54) 4-Nitrophenol-d4	14.727	143	20743	25.776	ng/ul	-0.01
60) Fluorene-d10	15.474	176	167957	28.476	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	33371	26.093	ng/ul	0.00
73) Anthracene-d10	17.333	188	278590m	29.442	ng/ul	0.00
81) Pyrene-d10	19.627	212	362152	27.302	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	409225	29.801	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.210	88	11054m	11.921	ng/uL	
5) Pyridine	3.634	79	76963	32.678	ng/ul	99
6) Benzaldehyde	6.987	77	54674	35.837	ng/ul	94
8) Phenol	7.016	94	83167	31.443	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.263	93	68003	31.125	ng/ul	90
12) 2-Chlorophenol	7.375	128	62868	30.788	ng/ul#	88
13) 2-Methylphenol	8.275	108	59063	29.945	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.333	45	138839m	34.908	ng/ul	
16) Acetophenone	8.675	105	104870	29.788	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.639	70	65827	30.715	ng/ul	89
18) 4-Methylphenol	8.610	108	66198	30.870	ng/ul	97
19) Hexachloroethane	8.875	117	35558	31.243	ng/ul	87
22) Nitrobenzene	9.063	77	94930	31.848	ng/ul	97
23) Isophorone	9.575	82	178316	30.036	ng/ul	98
25) 2-Nitrophenol	9.769	139	33552	28.624	ng/ul	92
26) 2,4-Dimethylphenol	9.810	107	66841	26.652	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.063	93	92707	30.903	ng/ul	100
29) 2,4-Dichlorophenol	10.286	162	61682	30.370	ng/ul	98
30) Naphthalene	10.686	128	206585	29.315	ng/ul	99
32) 4-Chloroaniline	10.833	127	67365	25.780	ng/ul	100
33) Hexachlorobutadiene	10.904	225	52407	29.211	ng/ul	96
34) Caprolactam	11.657	113	20023m	33.249	ng/ul	
35) 4-Chloro-3-methylphenol	11.945	107	65921	30.290	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042827.D
 Acq On : 17 Nov 2023 04:10
 Operator : MA/JU
 Sample : PB157007BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS007

Manual IntegrationsAPPROVED

Quant Time: Nov 17 04:44:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.298	142	140574	29.763	ng/ul	100
37) 1-Methylnaphthalene	12.516	142	140373	28.267	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	90158	30.546	ng/ul	98
40) Hexachlorocyclopentadiene	12.586	237	31773	22.738	ng/ul	100
41) 2,4,6-Trichlorophenol	12.916	196	53589	29.724	ng/ul	98
42) 2,4,5-Trichlorophenol	12.986	196	54423	31.262	ng/ul	100
43) 1,1'-Biphenyl	13.310	154	191244	30.471	ng/ul	98
44) 2-Chloronaphthalene	13.363	162	152920	30.286	ng/ul	98
45) 2-Nitroaniline	13.610	65	56068	34.049	ng/ul	92
47) Dimethylphthalate	13.951	163	202576	29.200	ng/ul	98
48) 2,6-Dinitrotoluene	14.104	165	37631	28.872	ng/ul	94
50) Acenaphthylene	14.210	152	260633	30.521	ng/ul	99
51) 3-Nitroaniline	14.445	138	29781	27.943	ng/ul	95
52) Acenaphthene	14.545	153	175849	30.449	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	15397	23.759	ng/ul#	86
55) 4-Nitrophenol	14.745	109	37974m	29.987	ng/ul	
56) Dibenzofuran	14.880	168	244012	30.441	ng/ul	98
57) 2,4-Dinitrotoluene	14.886	165	58560	30.604	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	54538	30.180	ng/ul#	95
59) Diethylphthalate	15.298	149	213635	29.366	ng/ul	97
61) Fluorene	15.527	166	214606	31.534	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.521	204	113935	31.064	ng/ul	97
63) 4-Nitroaniline	15.615	138	28358	29.186	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.633	198	35975	27.630	ng/ul#	92
67) N-Nitrosodiphenylamine	15.751	169	161789	30.552	ng/ul	99
68) 4-Bromophenyl-phenylether	16.415	248	67155	29.881	ng/ul	96
69) Hexachlorobenzene	16.498	284	81990	29.843	ng/ul	97
70) Atrazine	16.698	200	59271	29.058	ng/ul	99
71) Pentachlorophenol	16.868	266	45004	28.446	ng/ul	98
72) Phenanthrene	17.274	178	326967	30.999	ng/ul	99
74) Anthracene	17.368	178	329671	31.073	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.263	216	91993	30.813	ng/uL	99
76) Pentachlorobenzene	14.768	250	97536	31.136	ng/uL	96
77) Carbazole	17.662	167	260775	29.767	ng/ul	98
78) Di-n-butylphthalate	18.174	149	384733	30.033	ng/ul	98
80) Fluoranthene	19.292	202	427529	28.267	ng/ul	99
82) Pyrene	19.656	202	454496	28.341	ng/ul	99
83) Butylbenzylphthalate	20.539	149	180306	26.323	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.344	252	139714	26.949	ng/ul	98
85) Benzo(a)anthracene	21.397	228	487556	30.661	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	277996	26.750	ng/ul	97
87) Chrysene	21.450	228	458202	29.712	ng/ul	99
89) Di-n-octyl phthalate	22.191	149	501347	27.035	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	488108	31.155	ng/ul#	98
91) Benzo(k)fluoranthene	23.091	252	530776	31.825	ng/ul	99
93) Benzo(a)pyrene	23.668	252	480477	31.472	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.238	276	603722	31.820	ng/ul	97
95) Dibenzo(a,h)anthracene	26.244	278	499310	31.742	ng/ul	98
96) Benzo(g,h,i)perylene	27.003	276	477512	31.694	ng/ul	98

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

Instrument :

BNA_M

ClientSampleId :

SLCS007

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023

Manual IntegrationsAPPROVED

Quant Time: Nov 17 04:44:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

