

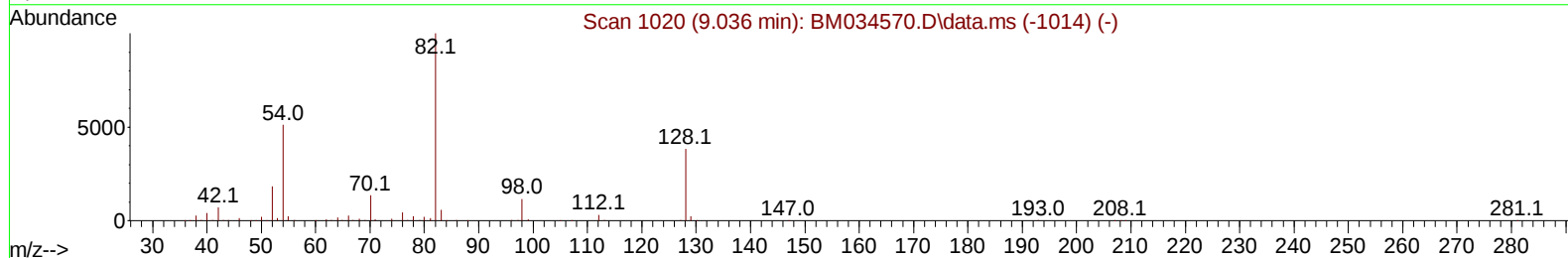
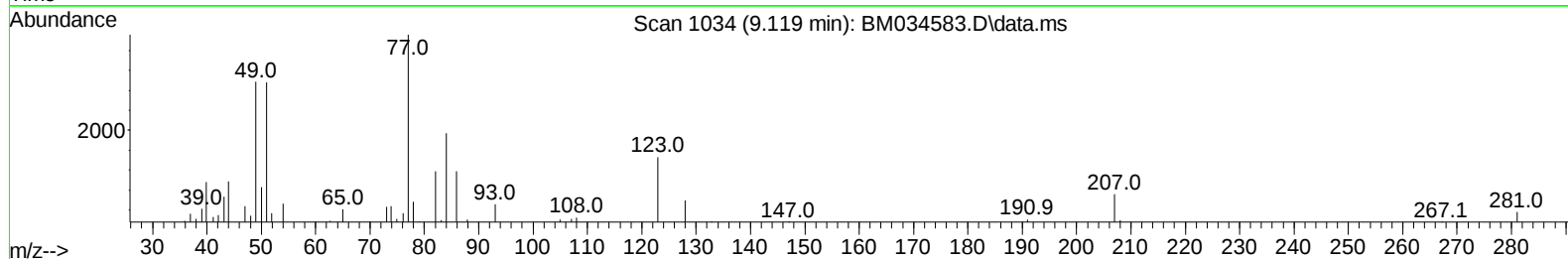
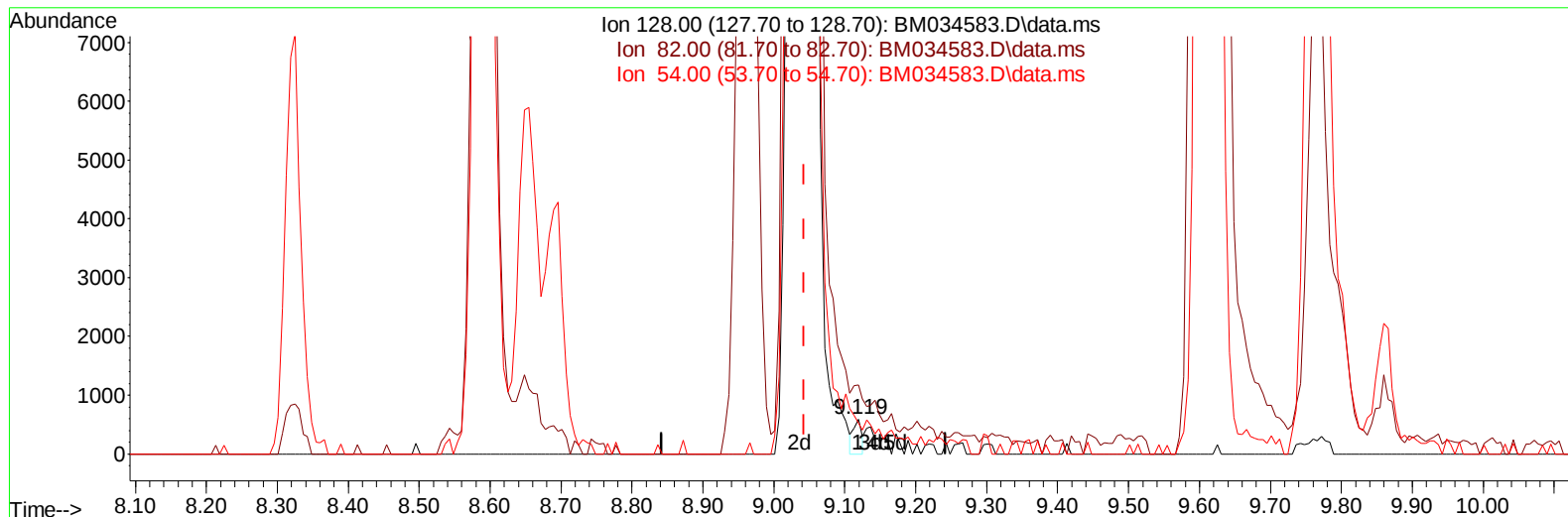
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
Data File : BM034583.D
Acq On : 09 Apr 2022 04:50
Operator : CG/JU
Sample : PB143964BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS964

Manual IntegrationsAPPROVED

Quant Time: Apr 09 05:32:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 08 14:30:08 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :Yogesh Patel 04/12/2022



TIC: BM034583.D\data.ms

(21) Nitrobenzene-d5 (S)

9.119min (+ 0.077) 0.15 ng/u1

response 471

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	228.00	197.65
54.00	100.50	87.73
0.00	0.00	0.00

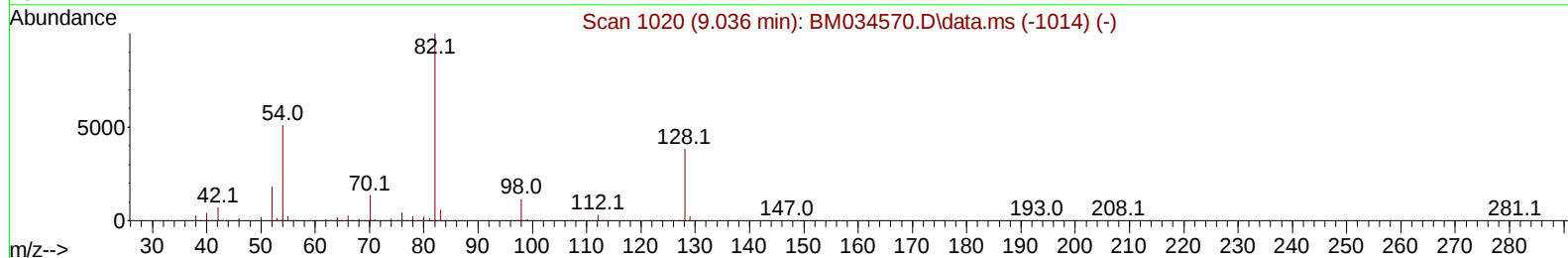
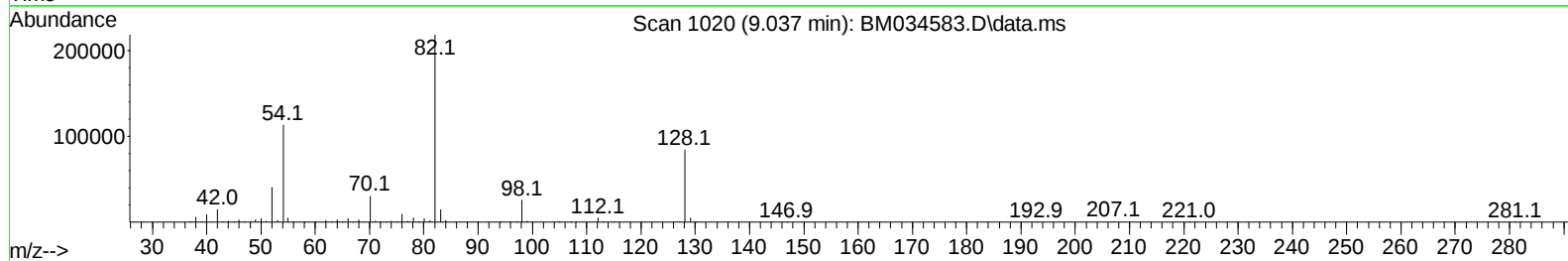
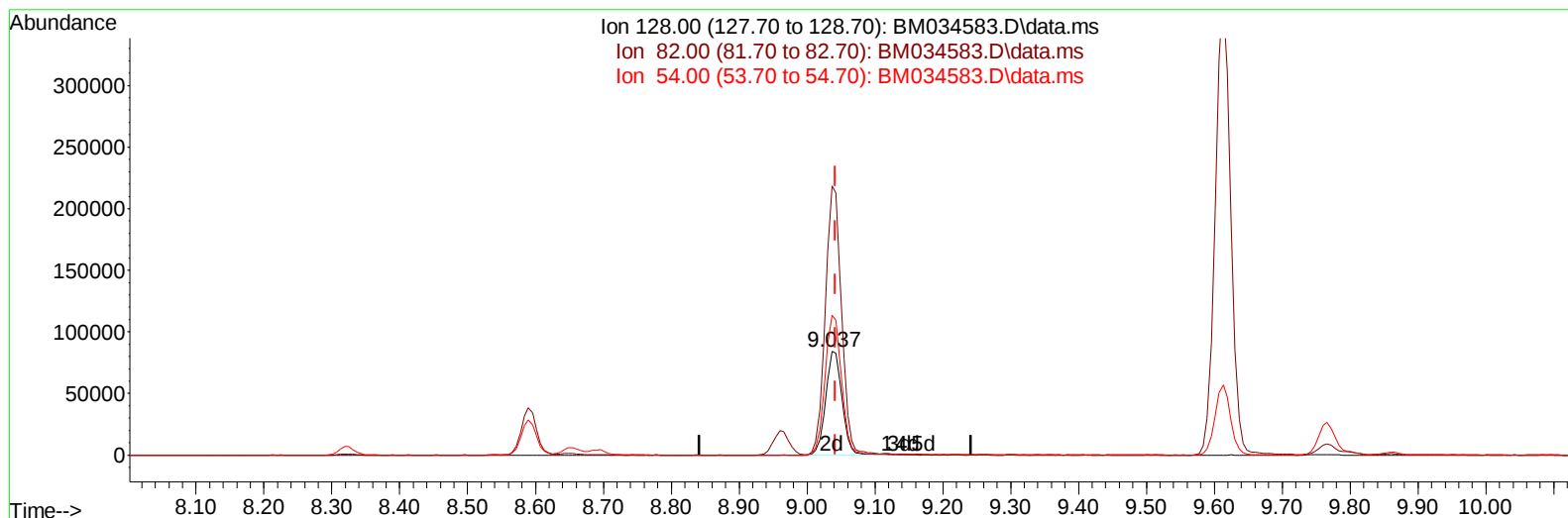
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
 Data File : BM034583.D
 Acq On : 09 Apr 2022 04:50
 Operator : CG/JU
 Sample : PB143964BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS964

Manual IntegrationsAPPROVED

Quant Time: Apr 09 05:32:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 08 14:30:08 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :Yogesh Patel 04/12/2022



TIC: BM034583.D\data.ms

(21) Nitrobenzene-d5 (S)

9.037min (-0.006) 44.52 ng/ul m

response 139851

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	228.00	259.44
54.00	100.50	134.72#
0.00	0.00	0.00

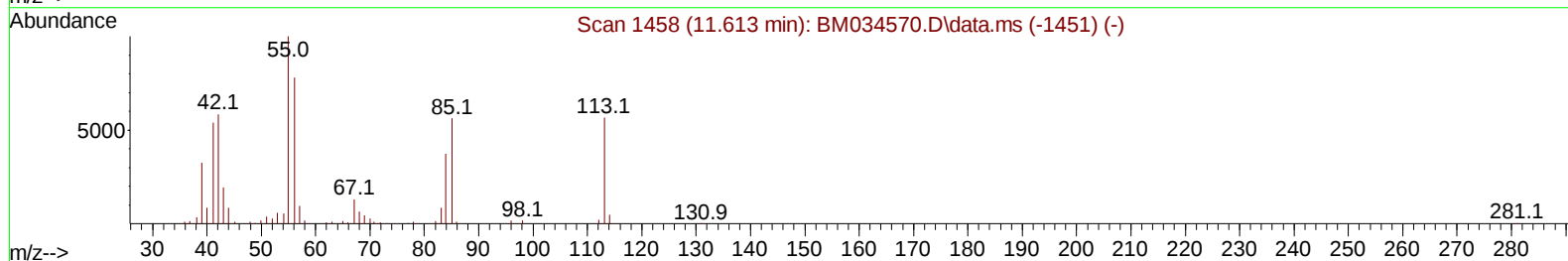
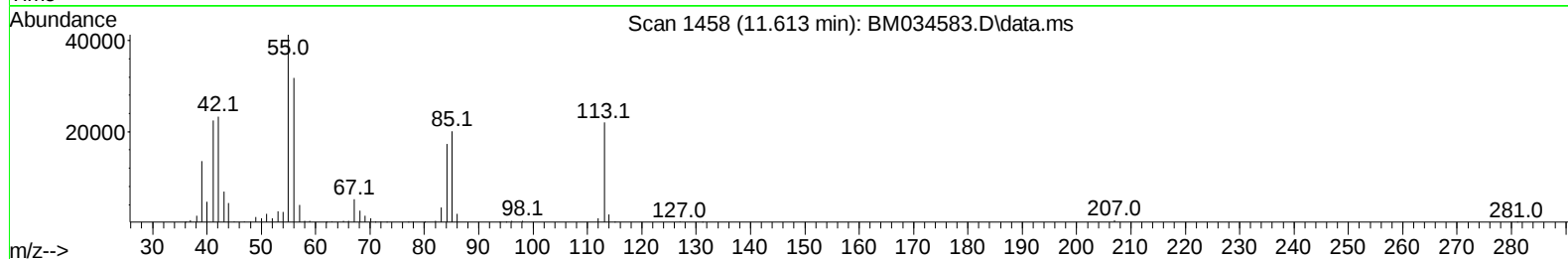
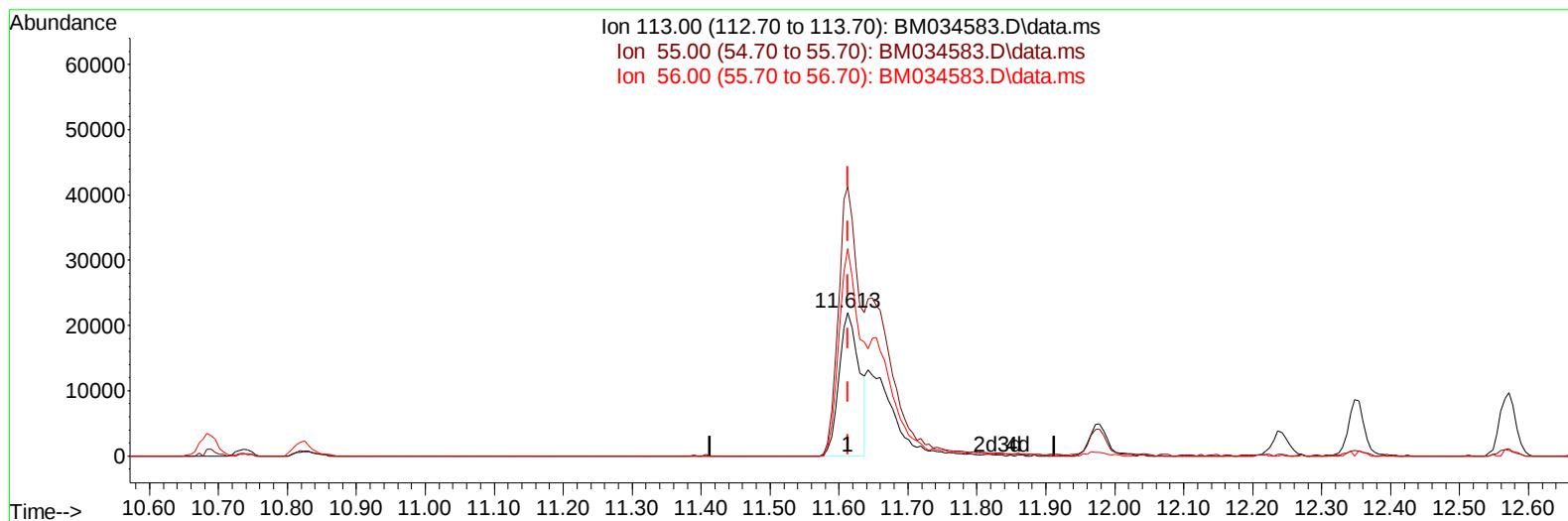
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
 Data File : BM034583.D
 Acq On : 09 Apr 2022 04:50
 Operator : CG/JU
 Sample : PB143964BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS964

Manual IntegrationsAPPROVED

Quant Time: Apr 09 05:32:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 08 14:30:08 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :Yogesh Patel 04/12/2022



TIC: BM034583.D\data.ms

(34) Caprolactam

11.613min (+ 0.000) 22.77 ng/ul

response 44959

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.10	187.64#
56.00	101.20	144.38#
0.00	0.00	0.00

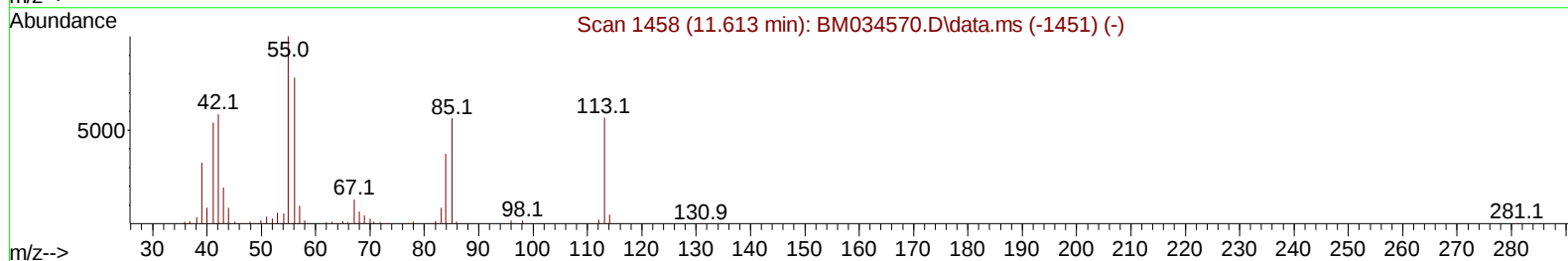
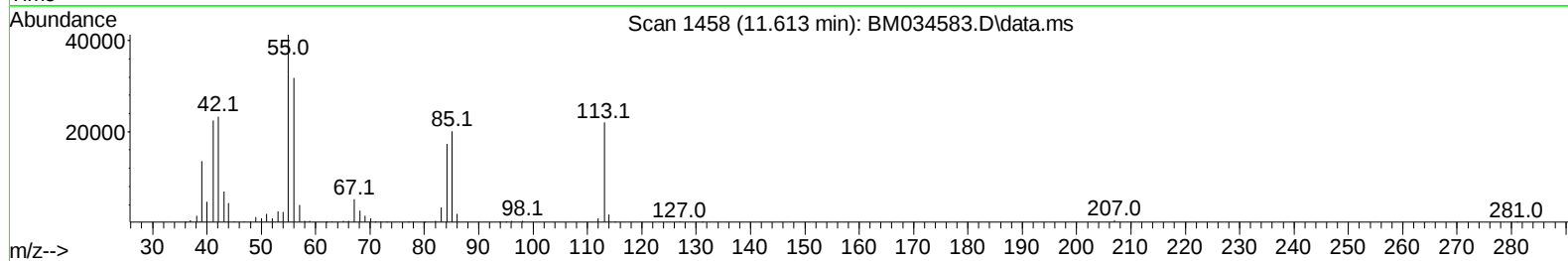
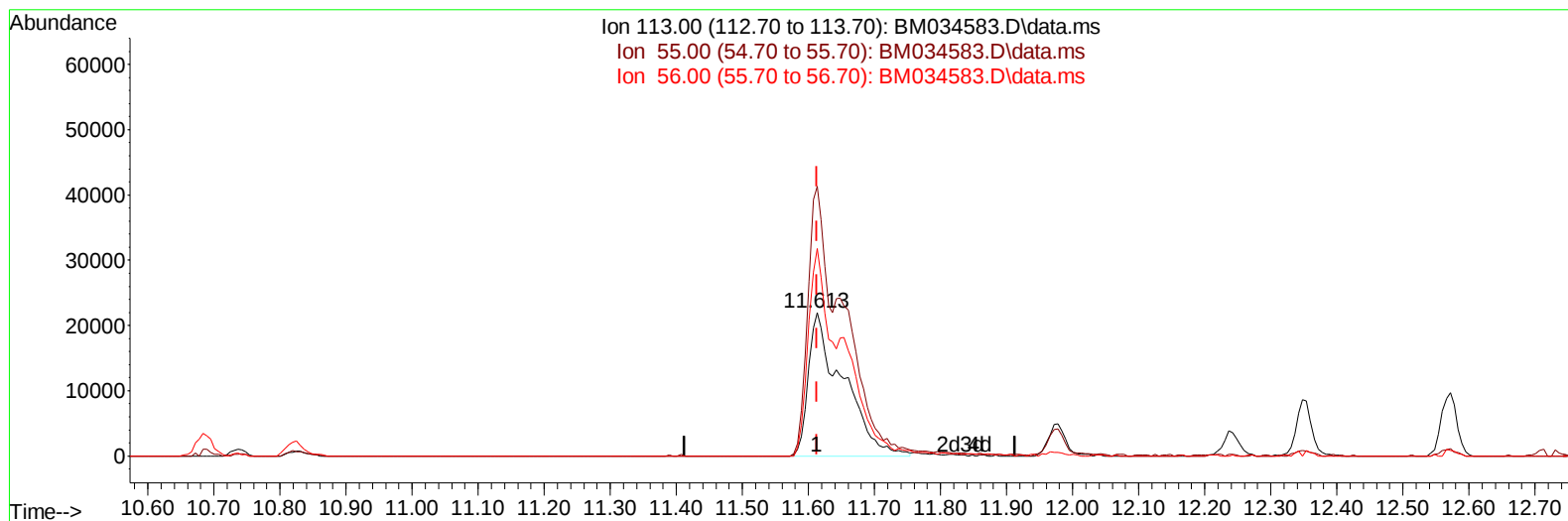
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
Data File : BM034583.D
Acq On : 09 Apr 2022 04:50
Operator : CG/JU
Sample : PB143964BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS964

Manual IntegrationsAPPROVED

Quant Time: Apr 09 05:32:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 08 14:30:08 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :Yogesh Patel 04/12/2022



TIC: BM034583.D\data.ms

(34) Caprolactam

11.613min (+ 0.000) 40.37 ng/ul m

response 79708

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.10	187.64#
56.00	101.20	144.38#
0.00	0.00	0.00

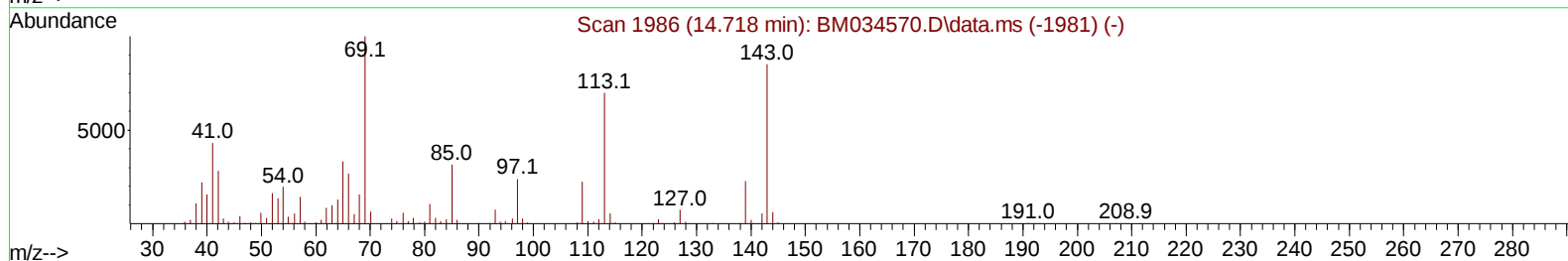
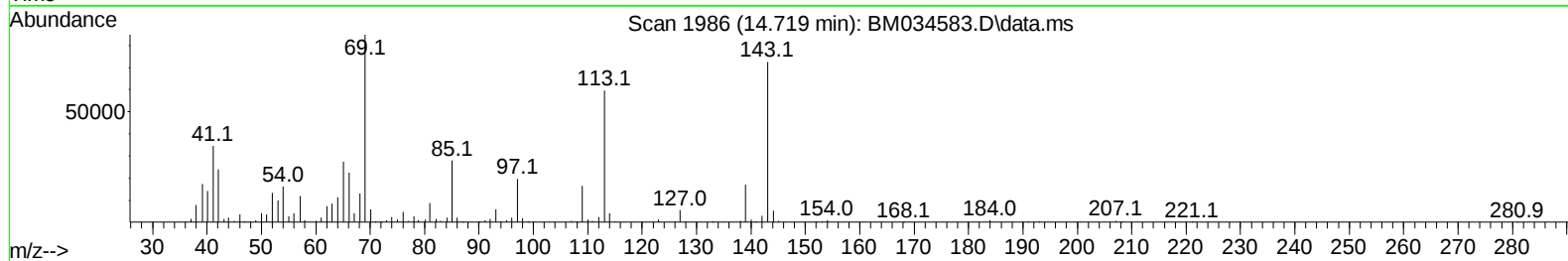
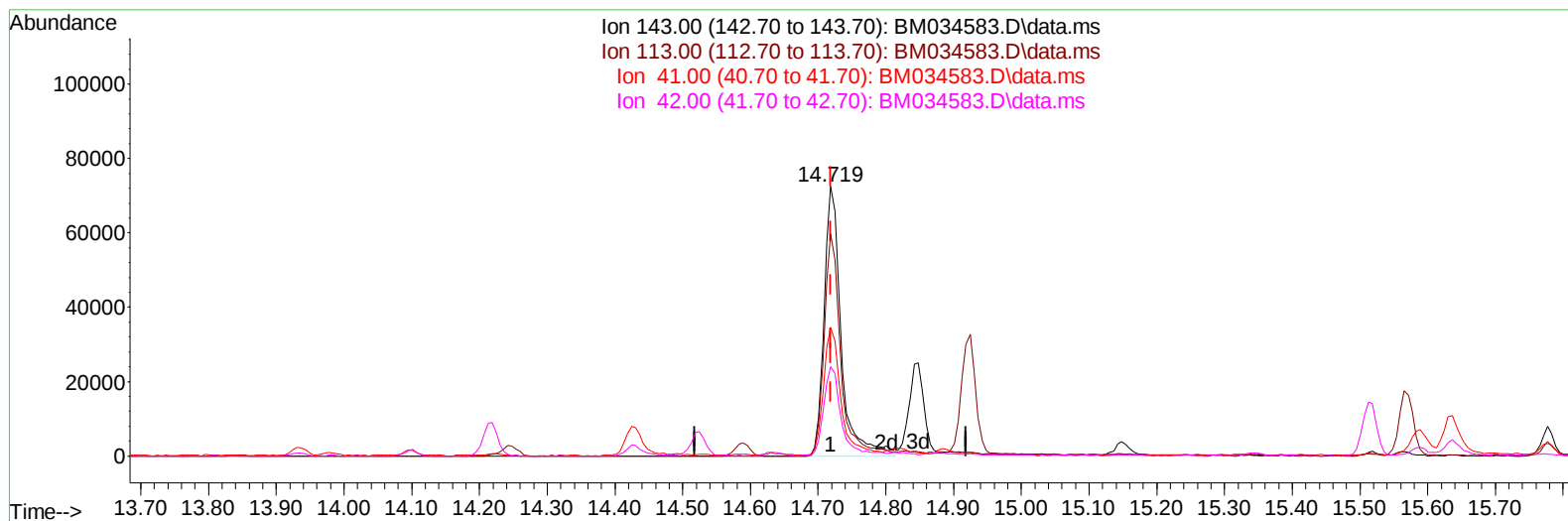
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
Data File : BM034583.D
Acq On : 09 Apr 2022 04:50
Operator : CG/JU
Sample : PB143964BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS964

Manual IntegrationsAPPROVED

Quant Time: Apr 09 05:32:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 08 14:30:08 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :Yogesh Patel 04/12/2022



TIC: BM034583.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.719min (+ 0.000) 44.80 ng/ul m

response 126784

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	77.80	82.35
41.00	31.90	47.79#
42.00	19.10	33.04#

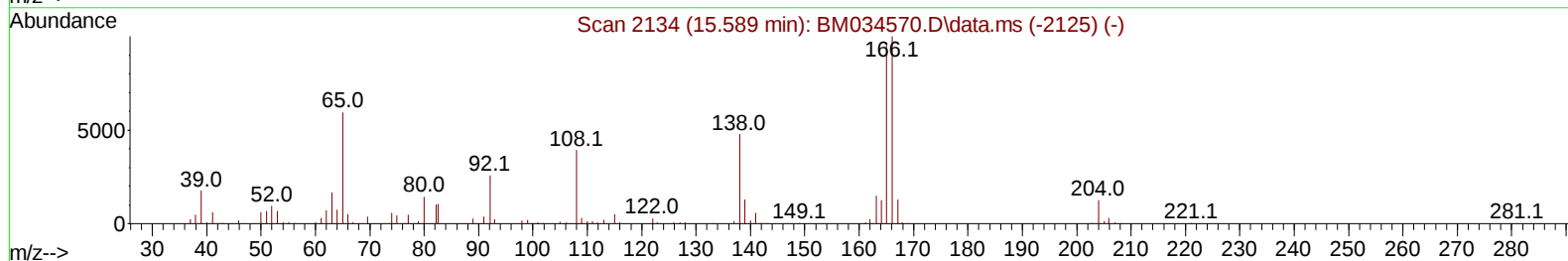
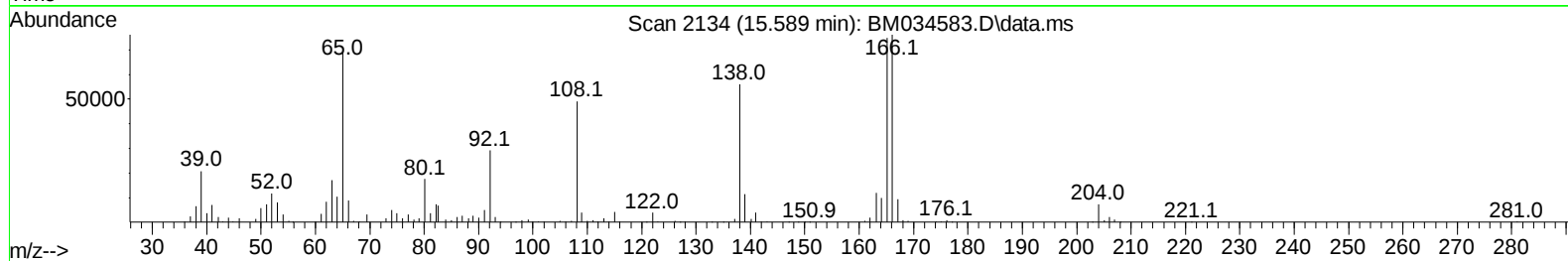
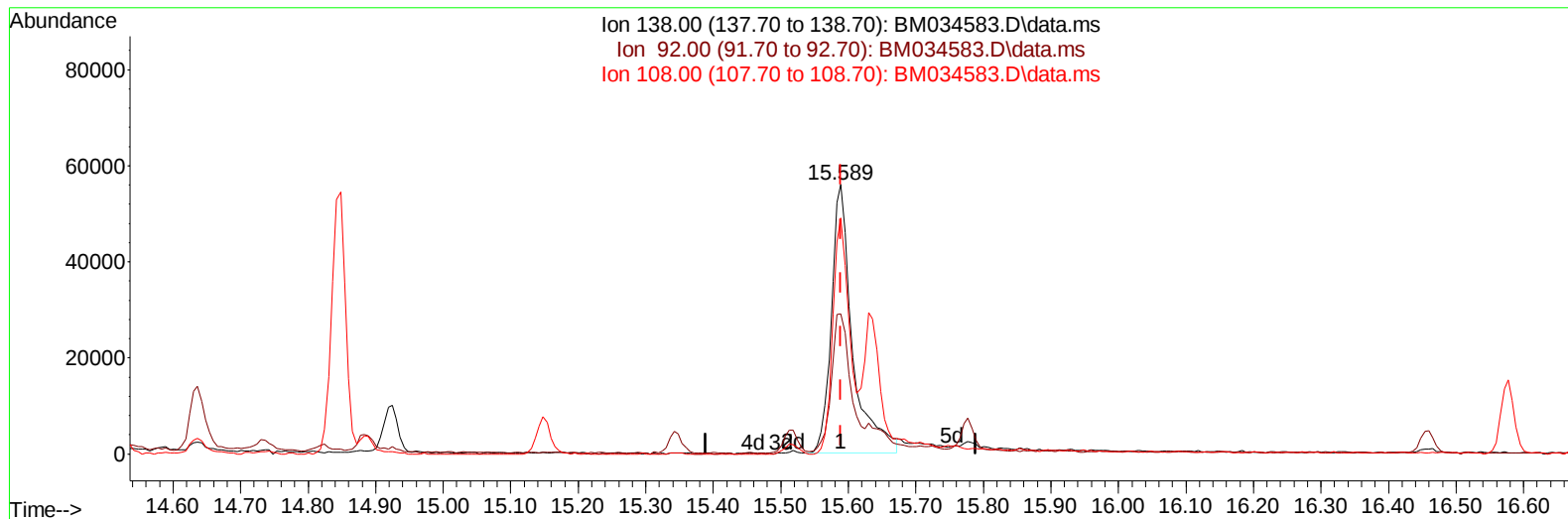
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
Data File : BM034583.D
Acq On : 09 Apr 2022 04:50
Operator : CG/JU
Sample : PB143964BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS964

Manual IntegrationsAPPROVED

Quant Time: Apr 09 05:32:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 08 14:30:08 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :Yogesh Patel 04/12/2022



TIC: BM034583.D\data.ms

(63) 4-Nitroaniline

15.589min (+ 0.000) 45.19 ng/ul

response 122063

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	45.40	52.05
108.00	86.10	87.71
0.00	0.00	0.00

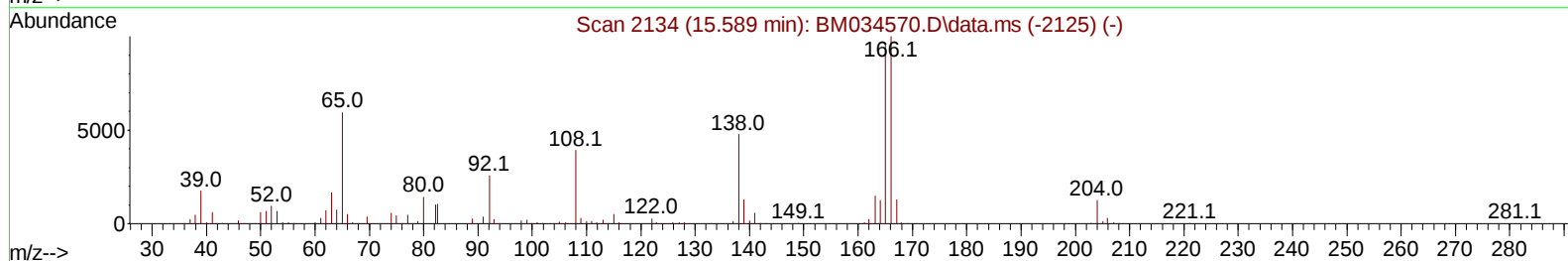
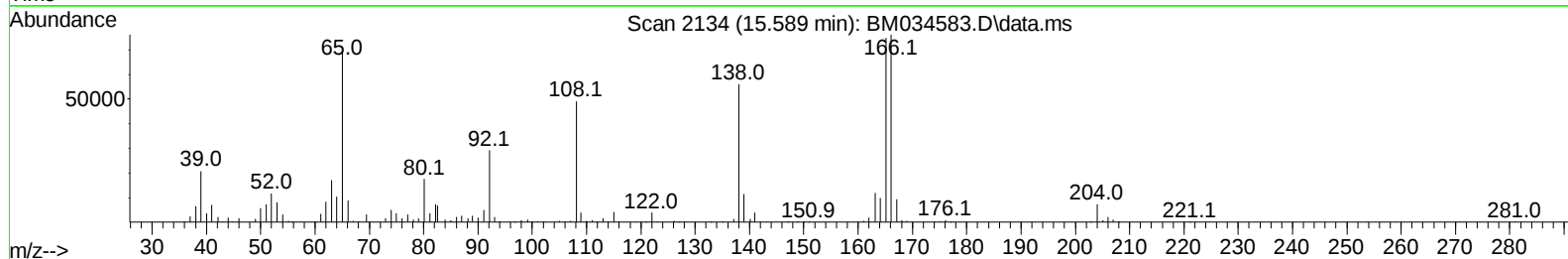
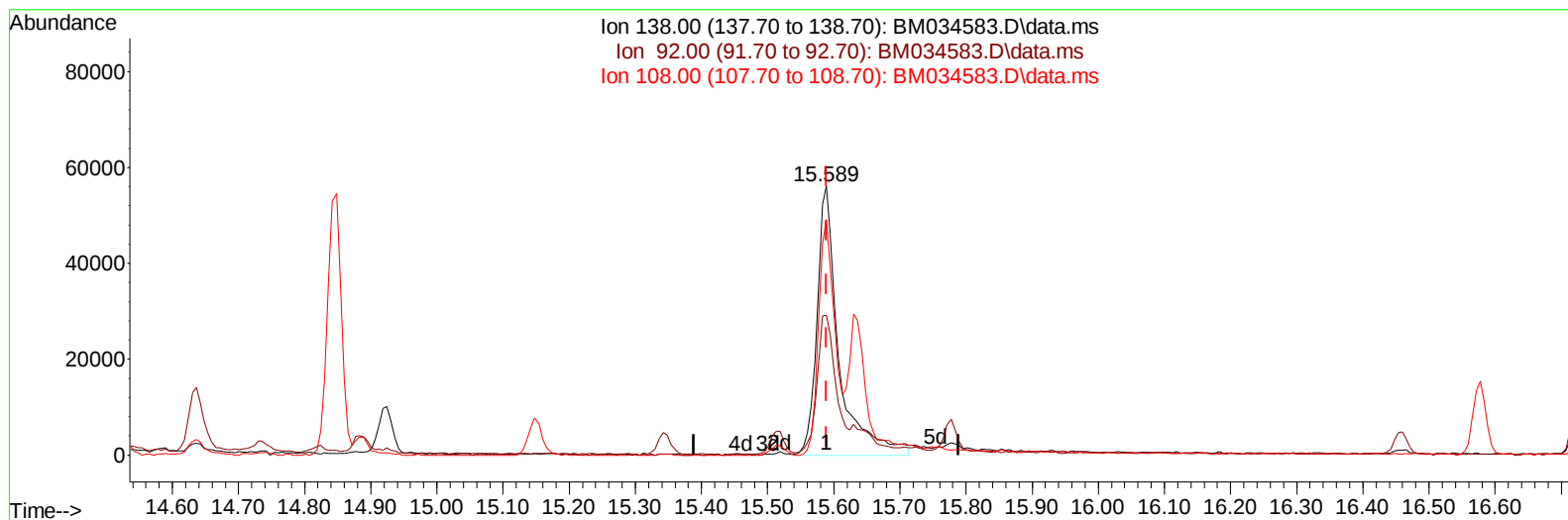
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
Data File : BM034583.D
Acq On : 09 Apr 2022 04:50
Operator : CG/JU
Sample : PB143964BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS964

Manual IntegrationsAPPROVED

Quant Time: Apr 09 05:32:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 08 14:30:08 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :Yogesh Patel 04/12/2022



TIC: BM034583.D\data.ms

(63) 4-Nitroaniline

15.589min (+ 0.000) 47.80 ng/ul m

response 129101

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	45.40	52.05
108.00	86.10	87.71
0.00	0.00	0.00

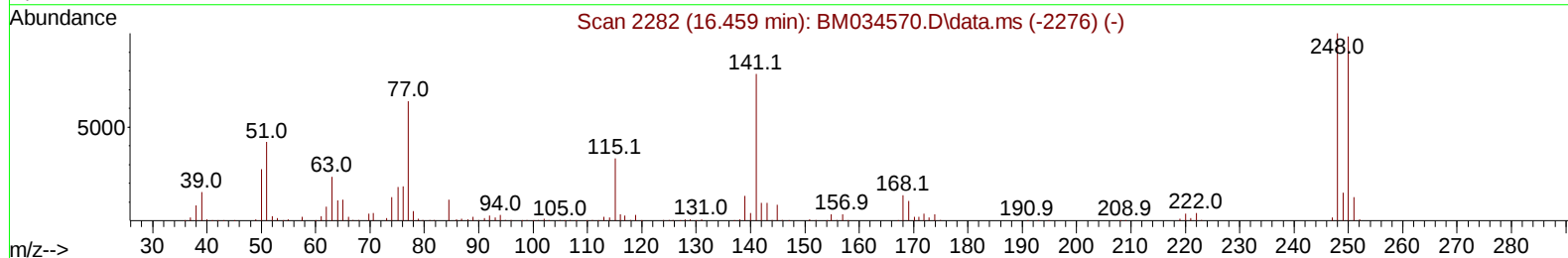
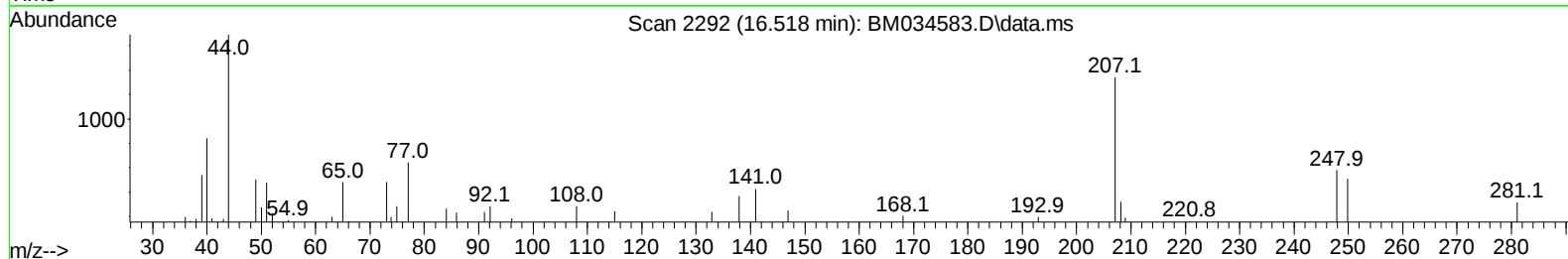
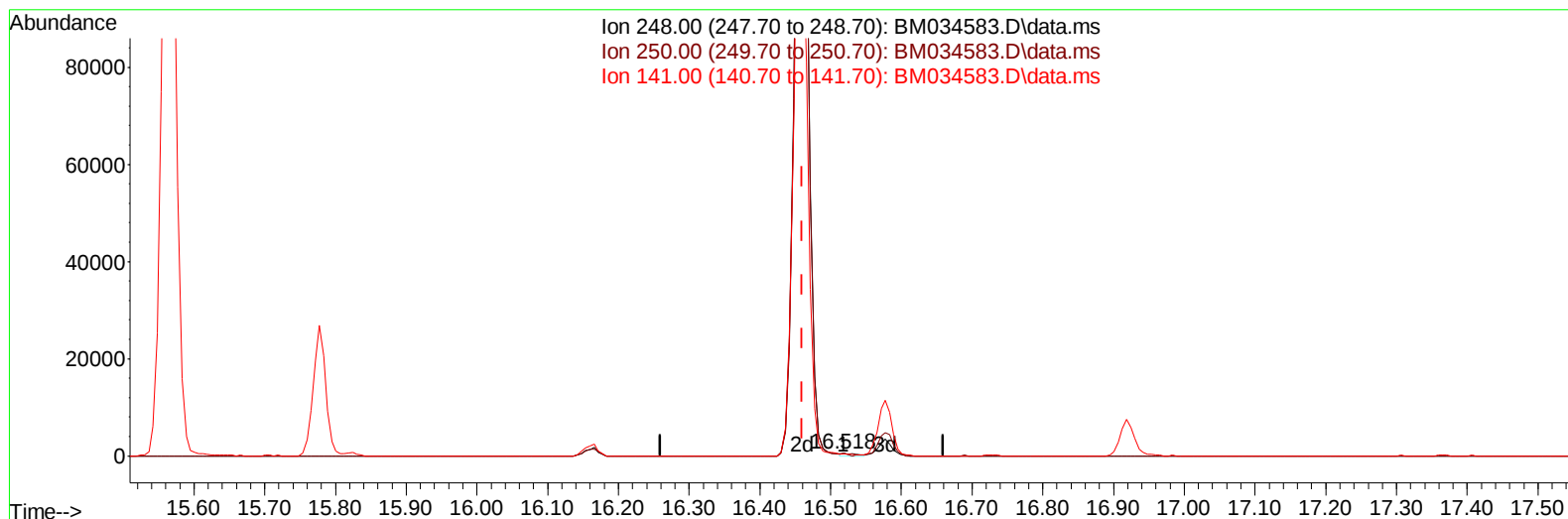
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
 Data File : BM034583.D
 Acq On : 09 Apr 2022 04:50
 Operator : CG/JU
 Sample : PB143964BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS964

Manual IntegrationsAPPROVED

Quant Time: Apr 09 05:32:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 08 14:30:08 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :Yogesh Patel 04/12/2022



TIC: BM034583.D\data.ms

(68) 4-Bromophenyl-phenylether

16.518min (+ 0.059) 0.15 ng/u1

response 773

Ion	Exp%	Act%
248.00	100.00	100.00
250.00	98.00	88.26
141.00	64.30	73.92
0.00	0.00	0.00

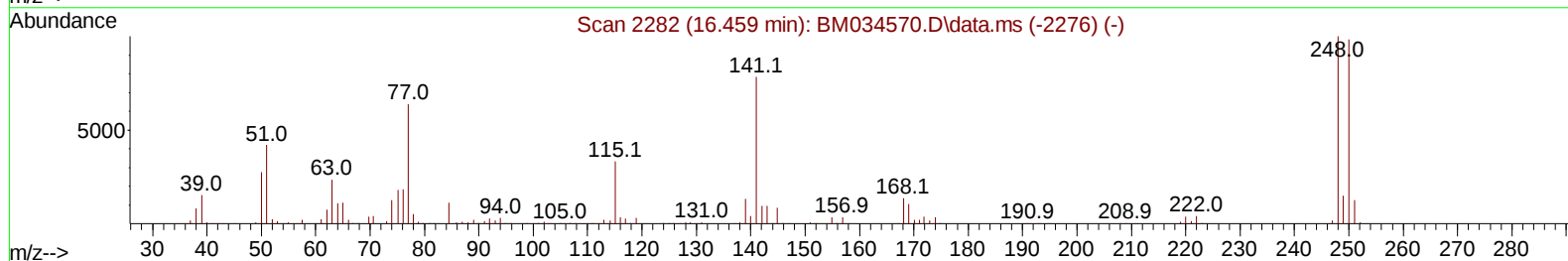
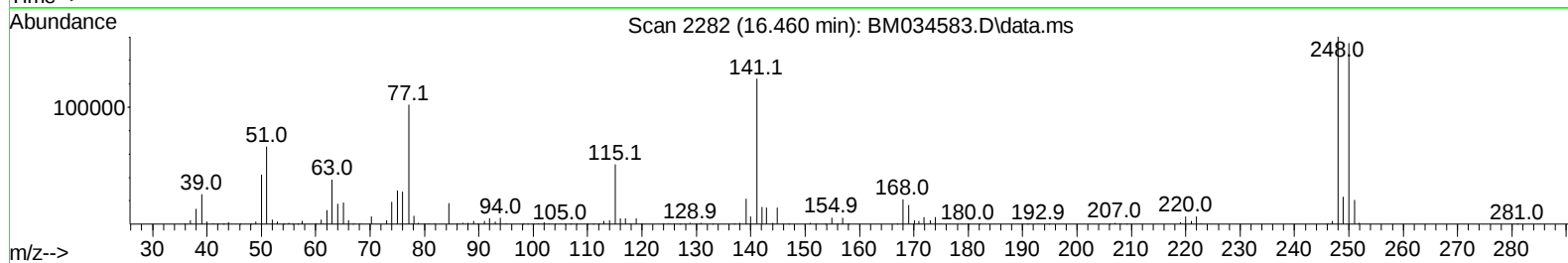
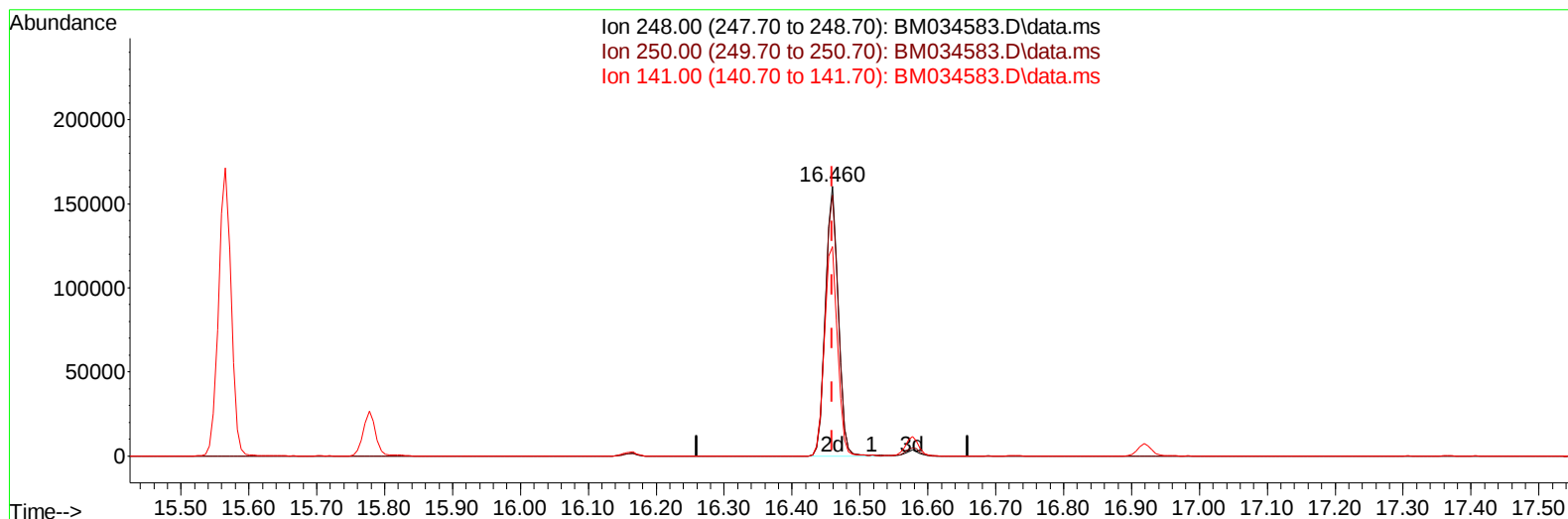
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
 Data File : BM034583.D
 Acq On : 09 Apr 2022 04:50
 Operator : CG/JU
 Sample : PB143964BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS964

Manual IntegrationsAPPROVED

Quant Time: Apr 09 05:32:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 08 14:30:08 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :Yogesh Patel 04/12/2022



TIC: BM034583.D\data.ms

(68) 4-Bromophenyl-phenylether

16.460min (+ 0.000) 40.17 ng/ul m

response 211277

Ion	Exp%	Act%
248.00	100.00	100.00
250.00	98.00	96.77
141.00	64.30	77.63#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
 Data File : BM034583.D
 Acq On : 09 Apr 2022 04:50
 Operator : CG/JU
 Sample : PB143964BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS964

Manual IntegrationsAPPROVED

Quant Time: Apr 09 05:32:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 08 14:30:08 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :Yogesh Patel 04/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	105629	20.000	ng/ul	0.00
20) Naphthalene-d8	10.684	136	427391	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.524	164	256830	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	508749	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.442	240	498250	20.000	ng/ul	# 0.00
88) Perylene-d12	23.824	264	496626	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	22578	7.622	ng/uL	0.00
4) Pyridine-d5	3.678	84	277695	38.846	ng/ul	0.00
7) Phenol-d5	7.037	99	347550	39.532	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	241215	41.174	ng/ul	0.00
11) 2-Chlorophenol-d4	7.407	132	290931	42.807	ng/ul	0.00
15) 4-Methylphenol-d8	8.590	113	283190	41.236	ng/ul	0.00
21) Nitrobenzene-d5	9.037	128	139851m	44.523	ng/ul	0.00
24) 2-Nitrophenol-d4	9.766	143	147688	45.161	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	266693	43.309	ng/ul	0.00
31) 4-Chloroaniline-d4	10.825	131	325876	38.358	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	795375	42.859	ng/ul	0.00
49) Acenaphthylene-d8	14.219	160	971959	40.749	ng/ul	0.00
54) 4-Nitrophenol-d4	14.719	143	126784m	44.805	ng/ul	0.00
60) Fluorene-d10	15.518	176	677664	42.256	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.636	200	134534	43.317	ng/ul	0.00
73) Anthracene-d10	17.365	188	1037961	42.793	ng/ul	0.00
81) Pyrene-d10	19.654	212	1221831	44.930	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.671	264	1159551	46.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	39364	13.198	ng/ul#	77
5) Pyridine	3.696	79	277729	35.555	ng/ul#	77
6) Benzaldehyde	7.007	77	223993	41.558	ng/ul	92
8) Phenol	7.066	94	335222	37.743	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.295	93	274002	38.228	ng/ul#	88
12) 2-Chlorophenol	7.437	128	274902	39.681	ng/ul#	88
13) 2-Methylphenol	8.325	108	250287	38.120	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.413	45	412945	38.533	ng/ul#	86
16) Acetophenone	8.701	105	401932	37.495	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.690	70	226990	39.783	ng/ul#	85
18) 4-Methylphenol	8.654	108	268900	38.499	ng/ul	99
19) Hexachloroethane	8.960	117	119375	38.310	ng/ul	85
22) Nitrobenzene	9.084	77	329851	40.057	ng/ul	91
23) Isophorone	9.613	82	587490	40.176	ng/ul	94
25) 2-Nitrophenol	9.795	139	145360	41.499	ng/ul#	85
26) 2,4-Dimethylphenol	9.860	107	302207	38.870	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.095	93	349551	39.731	ng/ul	99
29) 2,4-Dichlorophenol	10.336	162	243632	40.087	ng/ul	96
30) Naphthalene	10.736	128	858299	38.575	ng/ul	98
32) 4-Chloroaniline	10.848	127	298470	35.068	ng/ul	97
33) Hexachlorobutadiene	11.031	225	164721	38.550	ng/ul	98
34) Caprolactam	11.613	113	79708m	40.371	ng/ul	
35) 4-Chloro-3-methylphenol	11.978	107	264847	41.978	ng/ul	90

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
 Data File : BM034583.D
 Acq On : 09 Apr 2022 04:50
 Operator : CG/JU
 Sample : PB143964BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS964

Manual IntegrationsAPPROVED

Quant Time: Apr 09 05:32:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 08 14:30:08 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :Yogesh Patel 04/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.348	142	555585	38.960	ng/ul	99
37) 1-Methylnaphthalene	12.572	142	576272	39.389	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.725	216	291297	37.892	ng/ul#	98
40) Hexachlorocyclopentadiene	12.701	237	179360	35.553	ng/ul	95
41) 2,4,6-Trichlorophenol	12.960	196	192460	41.213	ng/ul	96
42) 2,4,5-Trichlorophenol	13.030	196	205437	42.453	ng/ul	98
43) 1,1'-Biphenyl	13.360	154	747256	38.409	ng/ul#	97
44) 2-Chloronaphthalene	13.401	162	570522	38.197	ng/ul	97
45) 2-Nitroaniline	13.607	65	181200	44.490	ng/ul#	82
47) Dimethylphthalate	13.983	163	722749	39.575	ng/ul	99
48) 2,6-Dinitrotoluene	14.101	165	150015	42.758	ng/ul	90
50) Acenaphthylene	14.248	152	947048	39.110	ng/ul	100
51) 3-Nitroaniline	14.430	138	126573	41.264	ng/ul	92
52) Acenaphthene	14.589	153	619551	38.429	ng/ul	99
53) 2,4-Dinitrophenol	14.636	184	76194	38.535	ng/ul#	78
55) 4-Nitrophenol	14.736	109	101994	42.208	ng/ul#	82
56) Dibenzofuran	14.924	168	856323	39.081	ng/ul	96
57) 2,4-Dinitrotoluene	14.889	165	212500	43.516	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.148	232	177733	41.832	ng/ul#	89
59) Diethylphthalate	15.342	149	756219	40.766	ng/ul	98
61) Fluorene	15.571	166	719864	38.939	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.566	204	347331	38.923	ng/ul	91
63) 4-Nitroaniline	15.589	138	129101m	47.798	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.648	198	121994	39.394	ng/ul#	83
67) N-Nitrosodiphenylamine	15.777	169	610298	40.264	ng/ul	98
68) 4-Bromophenyl-phenylether	16.460	248	211277m	40.174	ng/ul	
69) Hexachlorobenzene	16.577	284	251251	39.780	ng/ul#	92
70) Atrazine	16.730	200	224723	39.618	ng/ul	99
71) Pentachlorophenol	16.918	266	152676	39.478	ng/ul	98
72) Phenanthrene	17.307	178	1133206	39.918	ng/ul	99
74) Anthracene	17.401	178	1134509	40.331	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.325	216	306206	38.322	ng/uL	98
76) Pentachlorobenzene	14.848	250	288351	38.455	ng/uL	99
77) Carbazole	17.671	167	949449	40.800	ng/ul	99
78) Di-n-butylphthalate	18.236	149	1257998	42.592	ng/ul	99
80) Fluoranthene	19.324	202	1271863	42.261	ng/ul#	89
82) Pyrene	19.683	202	1367493	41.806	ng/ul#	87
83) Butylbenzylphthalate	20.583	149	557015	43.497	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.359	252	347272	39.769	ng/ul#	98
85) Benzo(a)anthracene	21.424	228	1200150	41.425	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.359	149	825569	43.075	ng/ul#	97
87) Chrysene	21.477	228	1240772	39.717	ng/ul	99
89) Di-n-octyl phthalate	22.271	149	1396391	42.235	ng/ul	100
90) Benzo(b)fluoranthene	23.100	252	1253664	42.483	ng/ul#	98
91) Benzo(k)fluoranthene	23.147	252	1308115	42.211	ng/ul#	97
93) Benzo(a)pyrene	23.718	252	1289647	44.218	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.306	276	1368756	43.853	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.318	278	1141162	44.598	ng/ul#	96
96) Benzo(g,h,i)perylene	27.059	276	1281120	42.763	ng/ul#	94

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

Instrument :

BNA_M

ClientSampleId :

SLCS964

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :Yogesh Patel 04/12/2022

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
 Data File : BM034583.D
 Acq On : 09 Apr 2022 04:50
 Operator : CG/JU
 Sample : PB143964BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS964

Manual IntegrationsAPPROVED

Quant Time: Apr 09 05:32:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 08 14:30:08 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :Yogesh Patel 04/12/2022

