

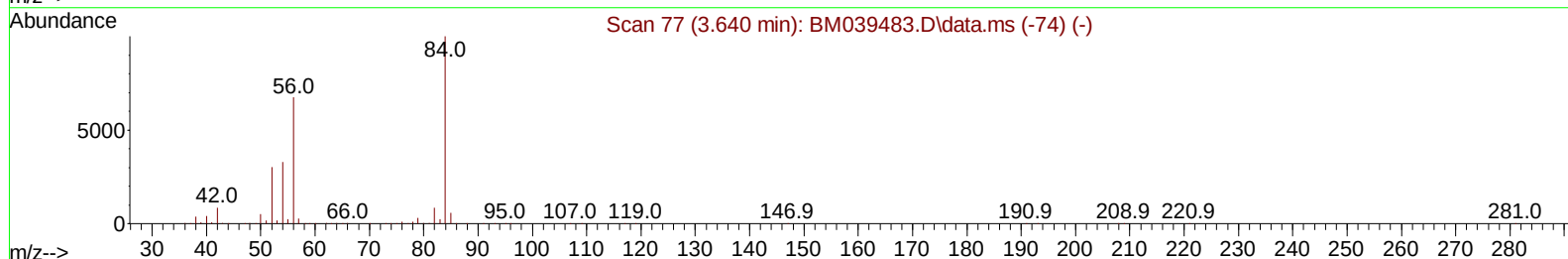
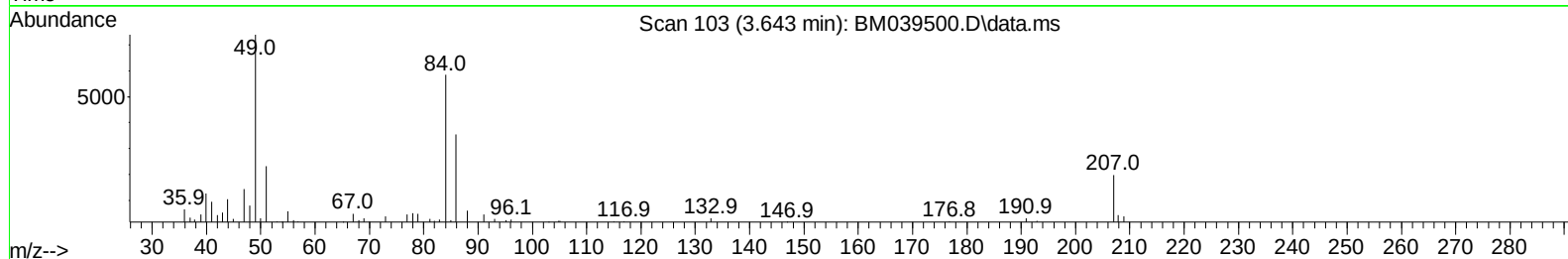
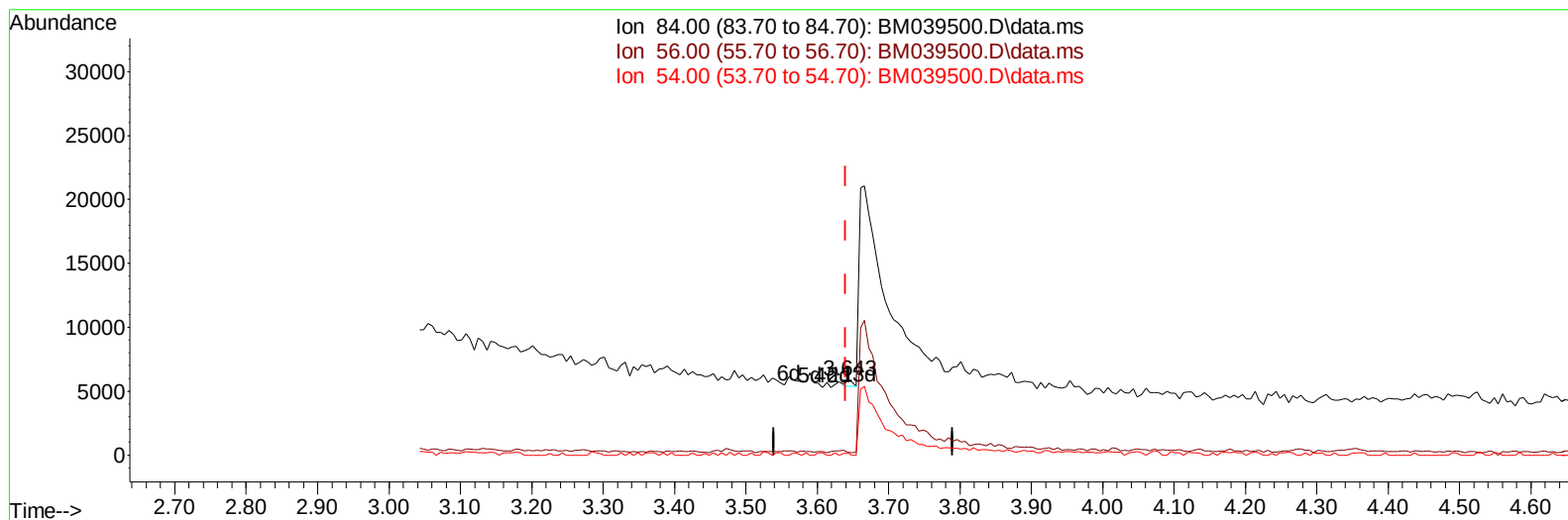
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039500.D
 Acq On : 19 Apr 2023 18:05
 Operator : CG/JU
 Sample : 02296-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCBM2

Manual IntegrationsAPPROVED

Quant Time: Apr 19 22:55:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 08:18:41 2023
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 04/20/2023
 Supervised By :Jagrut Upadhyay 04/20/2023



TIC: BM039500.D\data.ms

(4) Pyridine-d5 (S)

3.643min (+ 0.003) 0.02 ng/u1

response 307

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.40	3.97#
54.00	32.00	2.82#
0.00	0.00	0.00

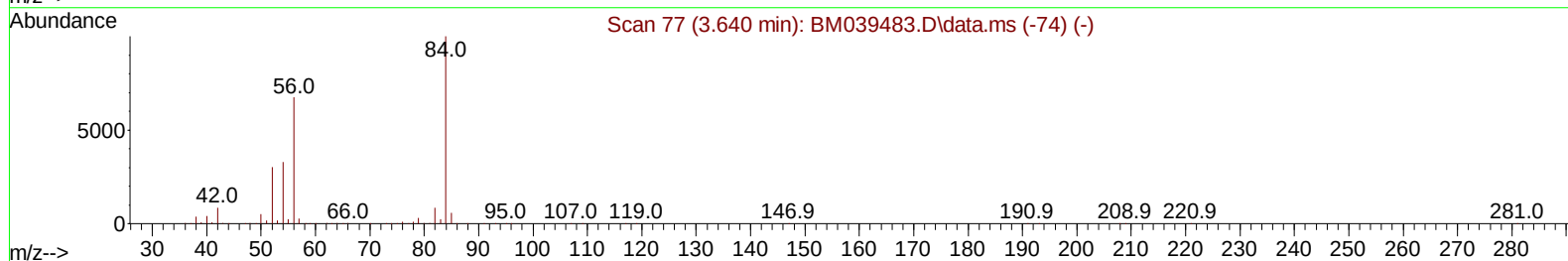
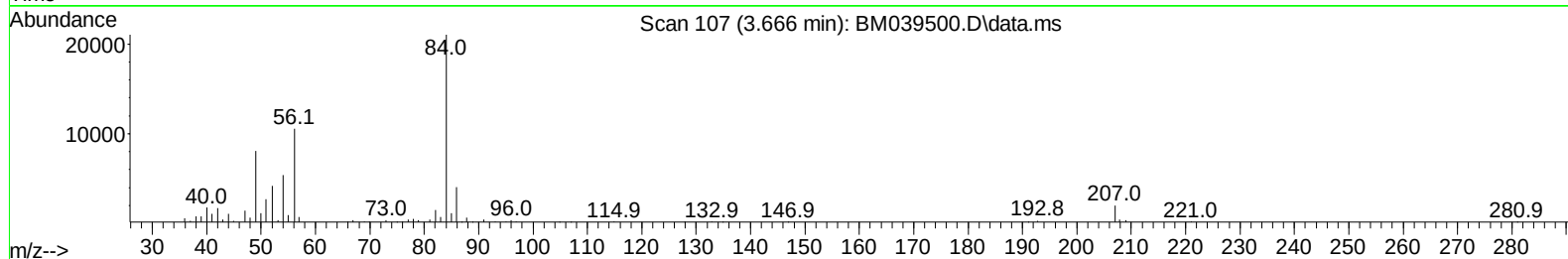
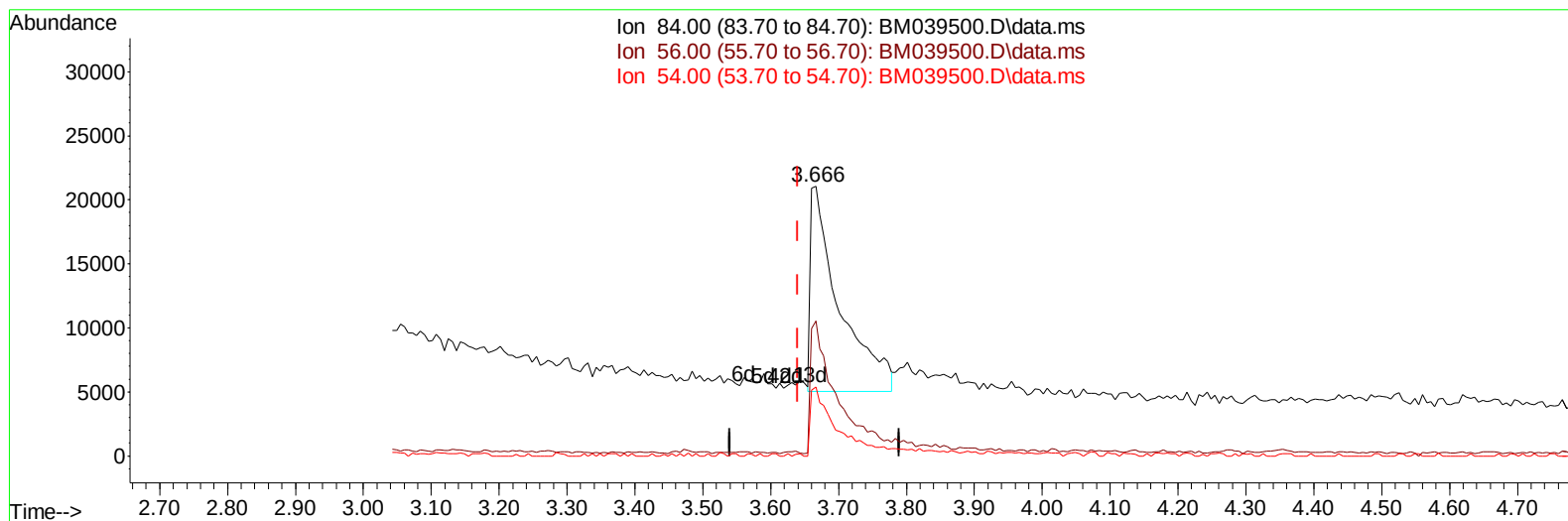
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039500.D
 Acq On : 19 Apr 2023 18:05
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TIC: BM039500.D\data.ms

(4) Pyridine-d5 (S)

3.666min (+ 0.027) 2.78 ng/ul m

response 47181

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	64.40	50.18#
54.00	32.00	25.60
0.00	0.00	0.00

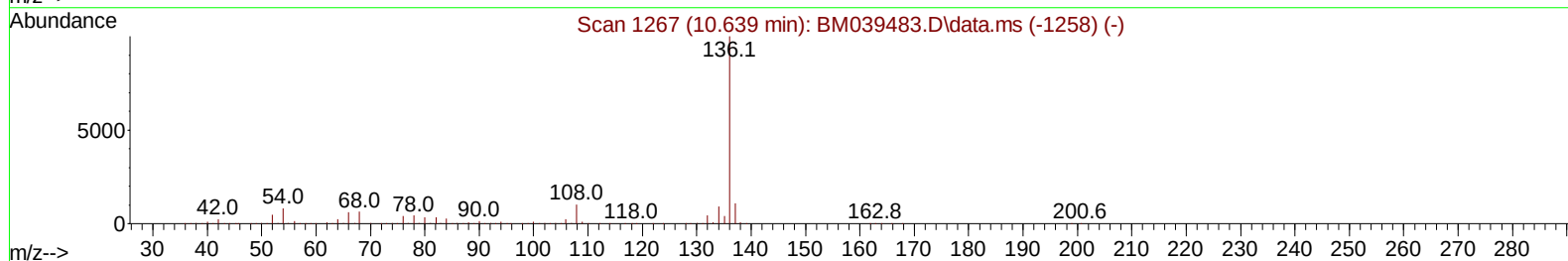
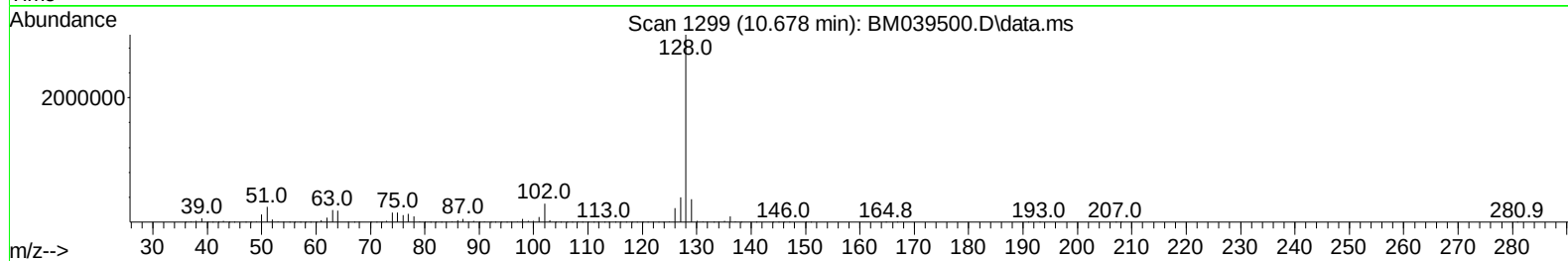
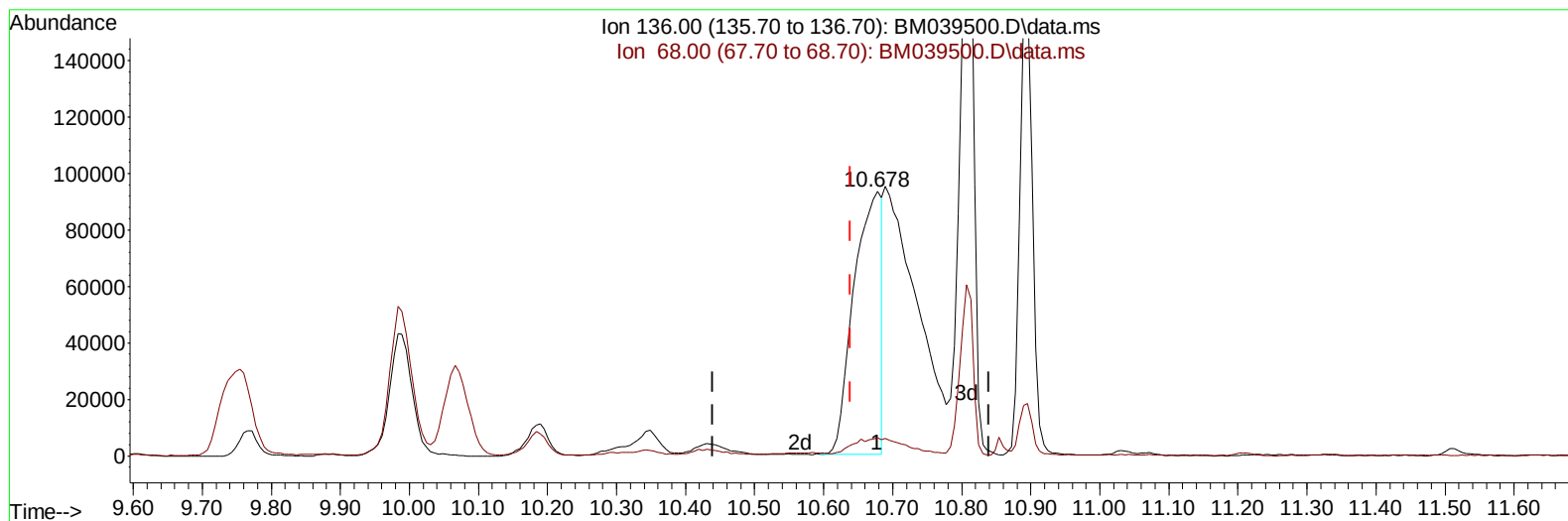
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039500.D
 Acq On : 19 Apr 2023 18:05
 Operator : CG/JU
 Sample : 02296-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Apr 20 00:27:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
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TIC: BM039500.D\data.ms

(20) Naphthalene-d8 (I)

10.678min (+ 0.038) 20.00 ng/ul

response 259635

Ion	Exp%	Act%
136.00	100.00	100.00
68.00	6.70	6.98
0.00	0.00	0.00
0.00	0.00	0.00

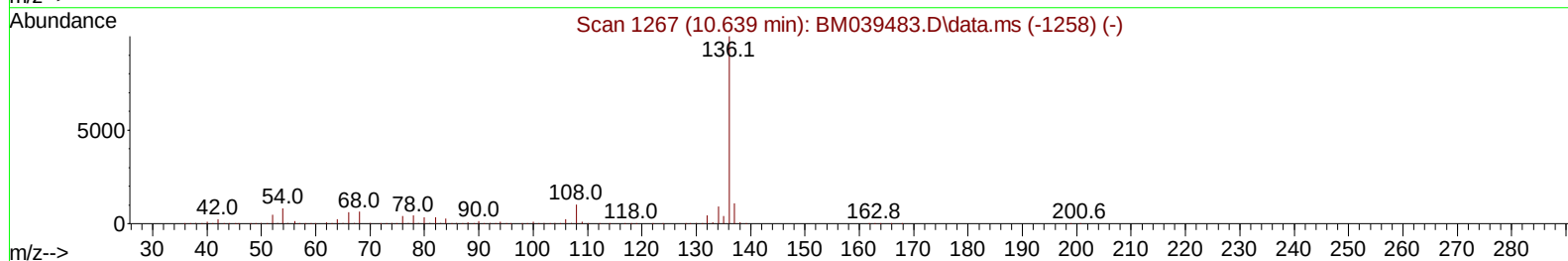
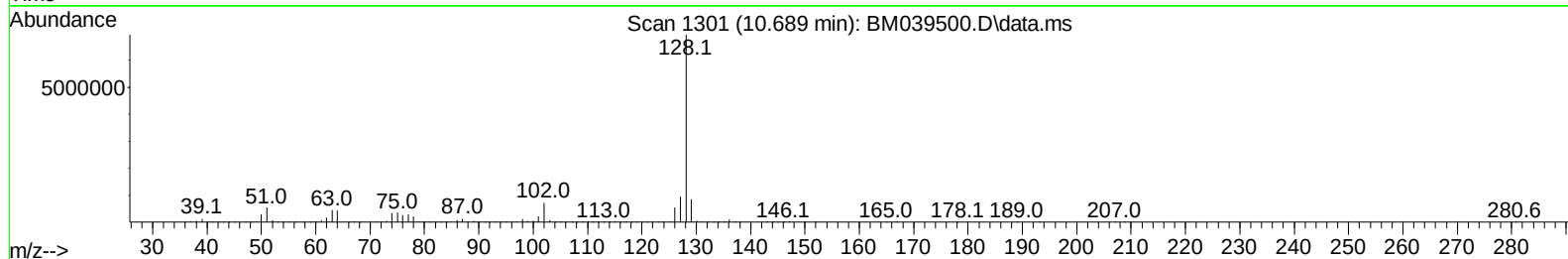
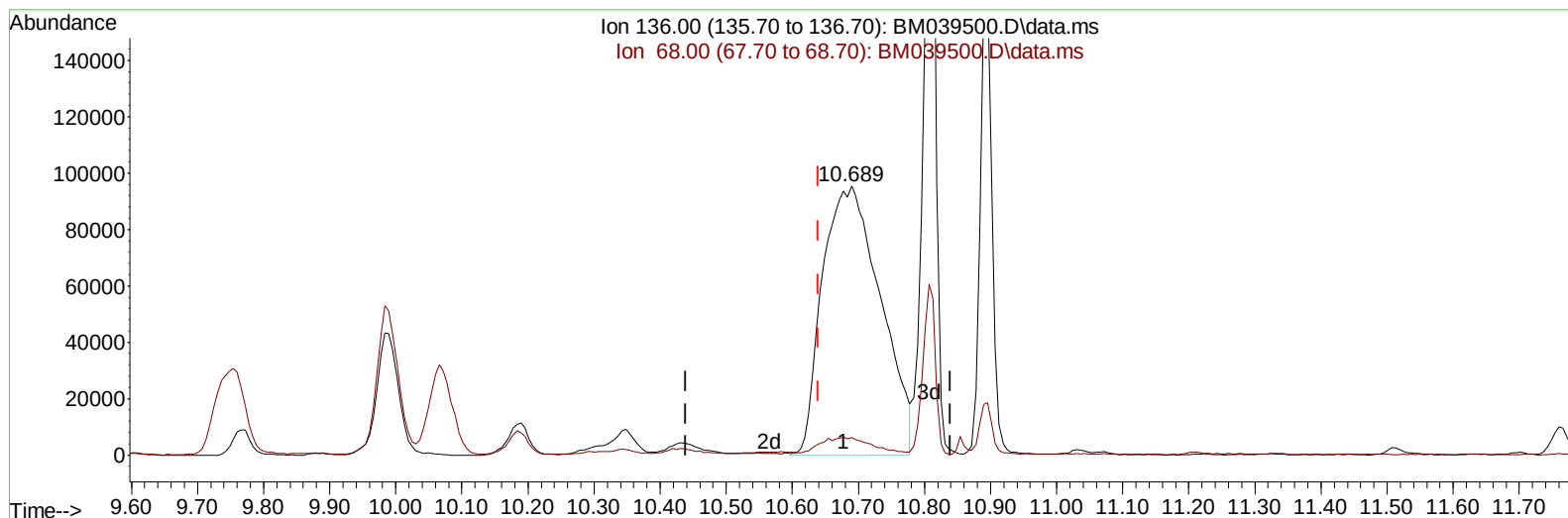
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039500.D
Acq On : 19 Apr 2023 18:05
Operator : CG/JU
Sample : 02296-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Apr 20 00:27:17 2023
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TIC: BM039500.D\data.ms

(20) Naphthalene-d8 (I)

10.689min (+ 0.050) 20.00 ng/ul m

response 580707

Ion	Exp%	Act%
136.00	100.00	100.00
68.00	6.70	6.41
0.00	0.00	0.00
0.00	0.00	0.00

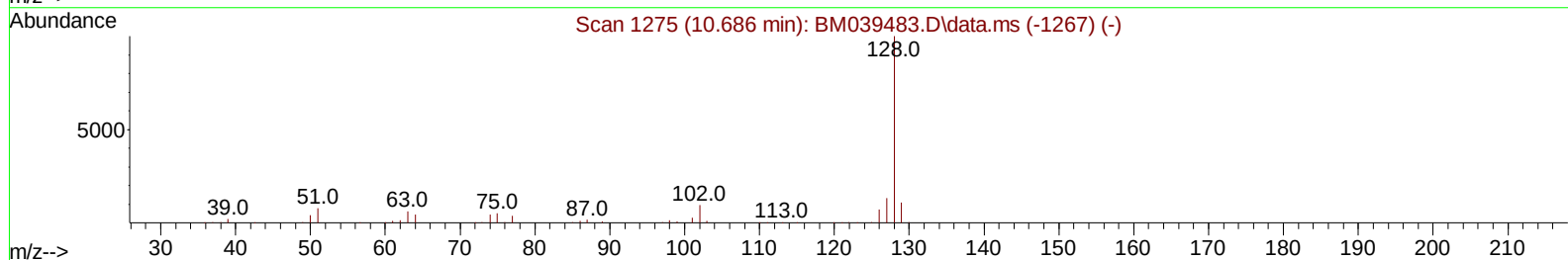
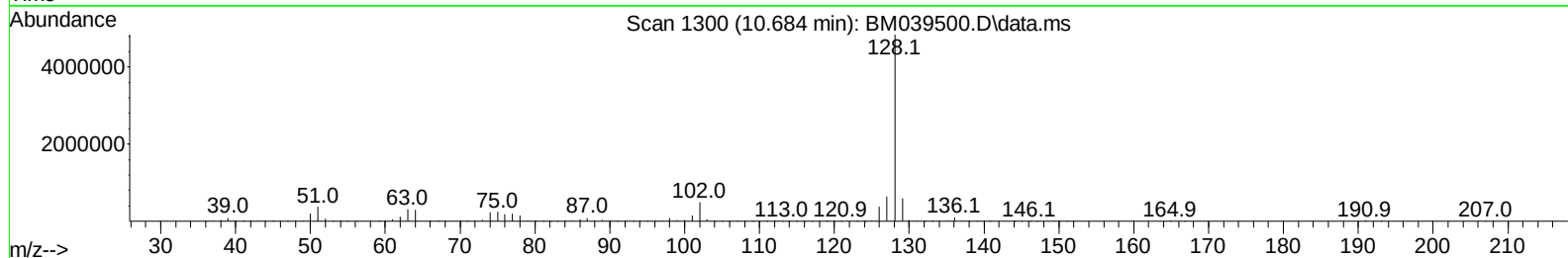
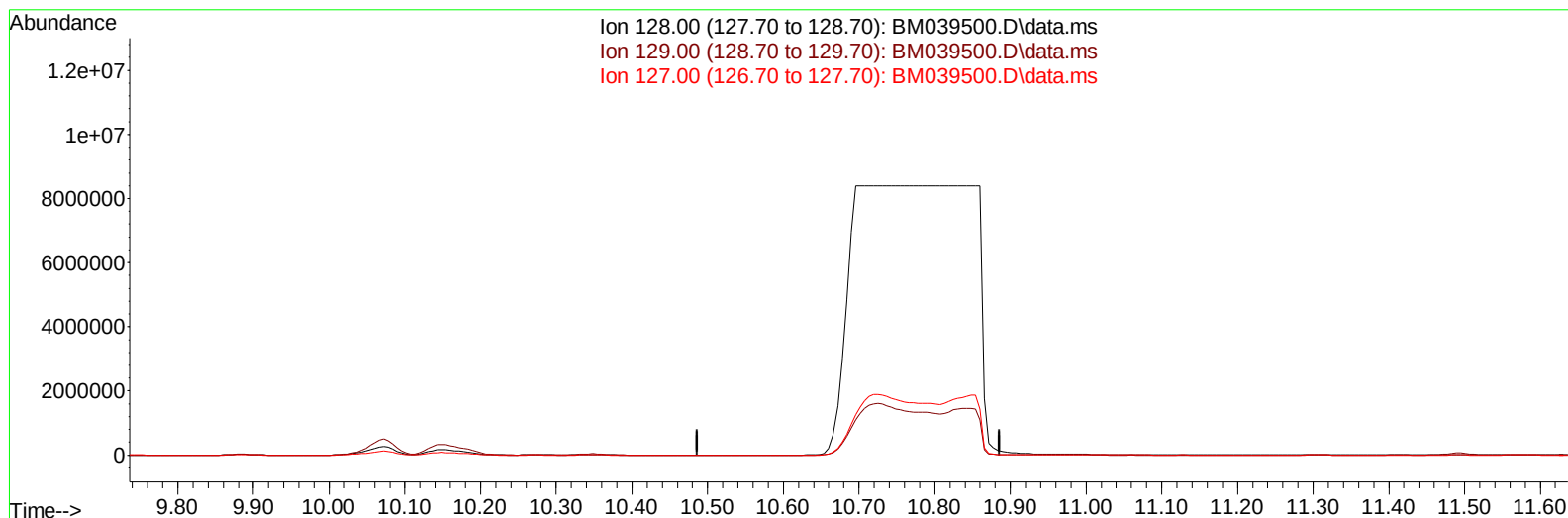
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039500.D
Acq On : 19 Apr 2023 18:05
Operator : CG/JU
Sample : 02296-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Apr 20 00:27:55 2023
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TIC: BM039500.D\data.ms

(30) Naphthalene

10.686min (-10.686) 0.00 ng/ul

response 0

Ion	Exp%	Act%
128.00	100.00	0.00
129.00	11.10	0.00#
127.00	13.10	0.00#
0.00	0.00	0.00

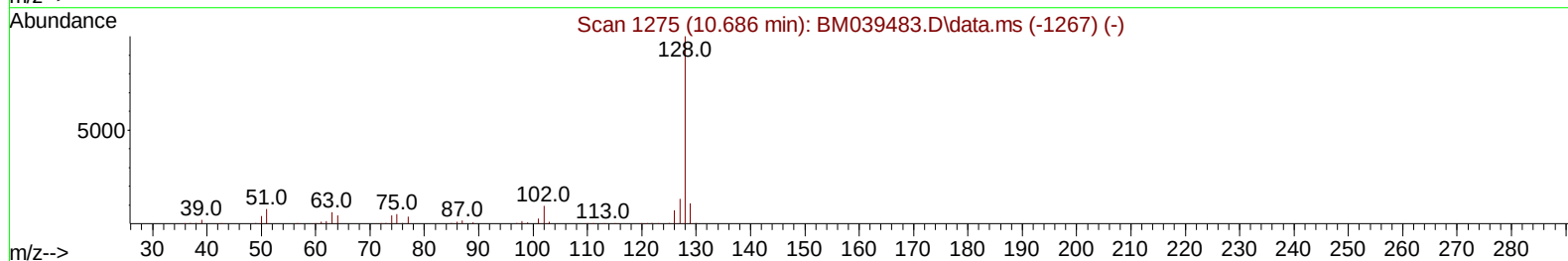
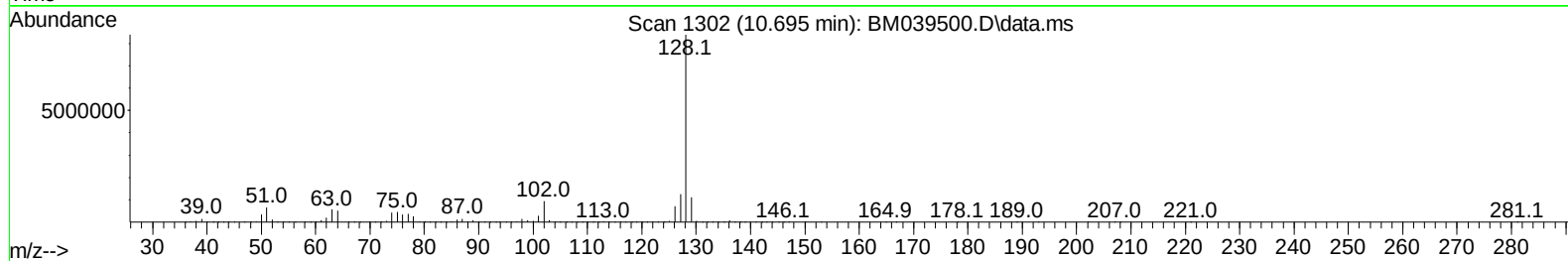
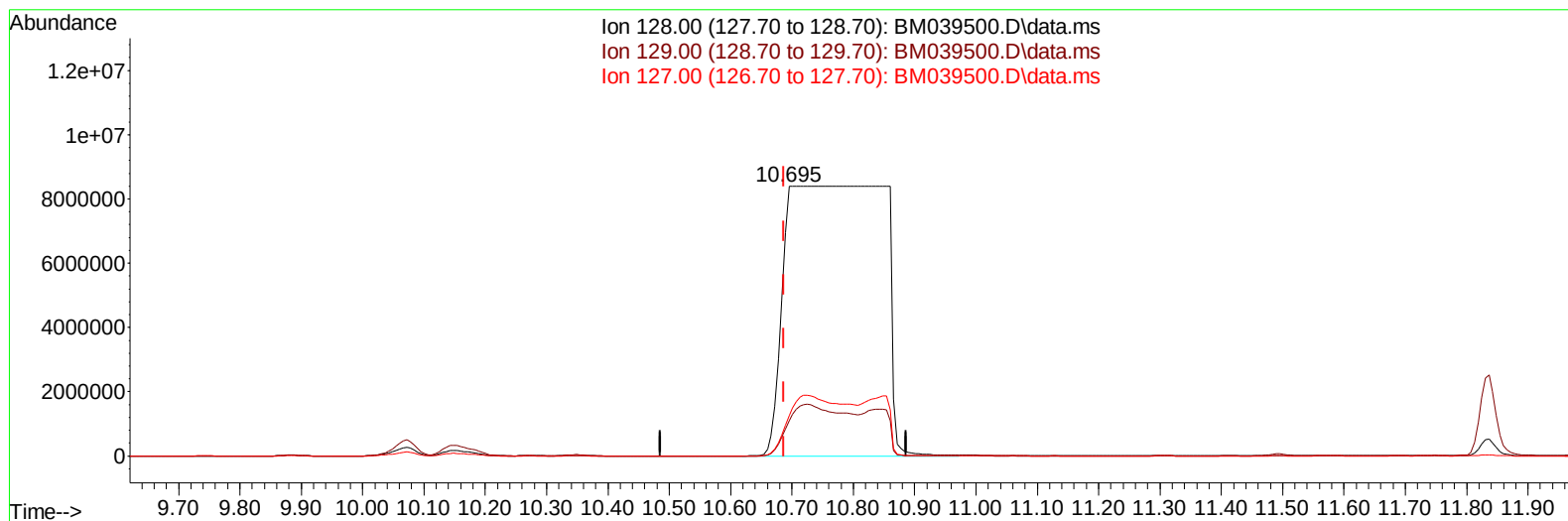
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039500.D
Acq On : 19 Apr 2023 18:05
Operator : CG/JU
Sample : 02296-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/20/2023
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Quant Time: Apr 20 00:27:55 2023
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TIC: BM039500.D\data.ms

(30) Naphthalene

10.695min (+ 0.009) 2897.24 ng/ul m

response 93087898

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.10	13.14
127.00	13.10	14.96
0.00	0.00	0.00

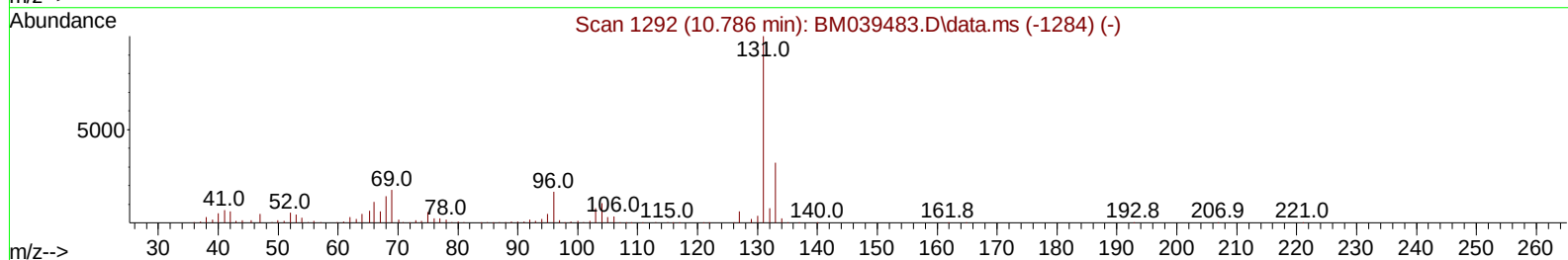
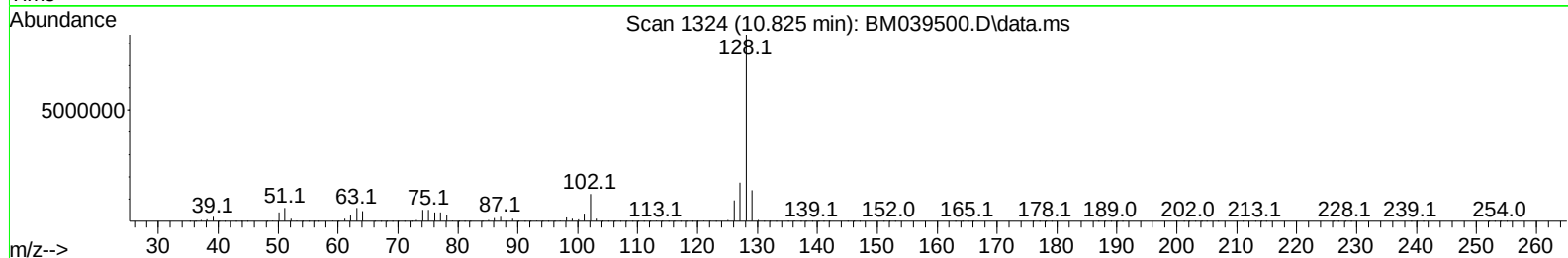
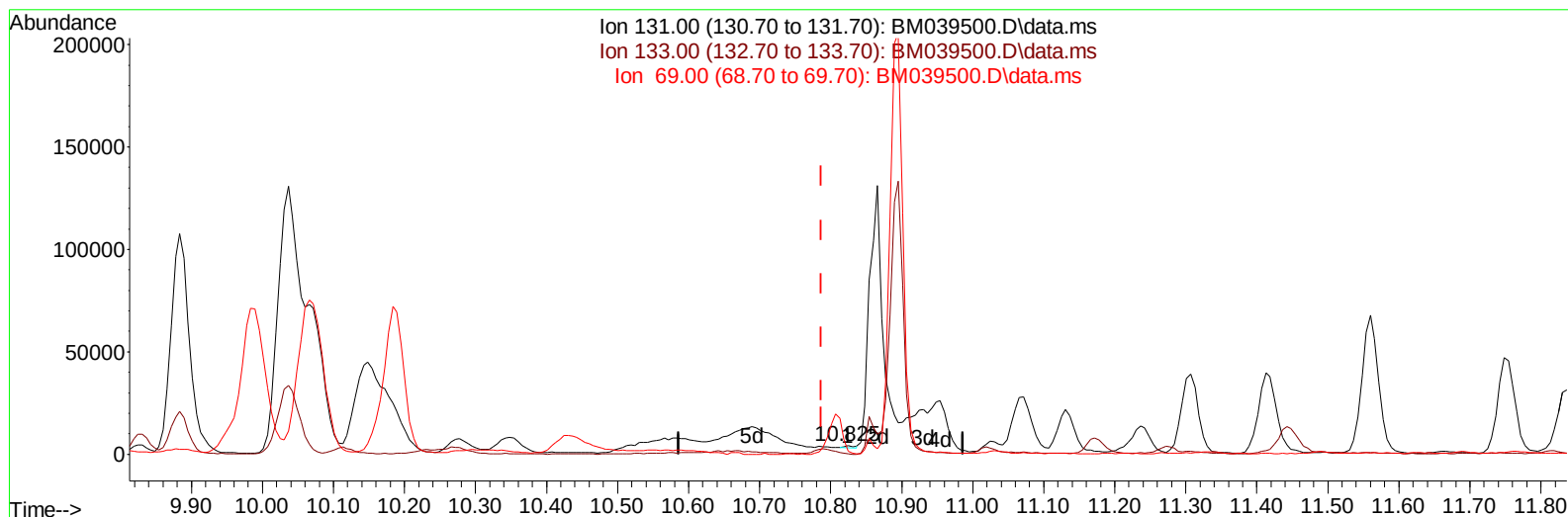
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039500.D
Acq On : 19 Apr 2023 18:05
Operator : CG/JU
Sample : 02296-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2

Manual IntegrationsAPPROVED

Quant Time: Apr 20 00:28:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 08:18:41 2023
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TIC: BM039500.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.825min (+ 0.038) 0.07 ng/u1

response 904

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.20	6.61#
69.00	18.10	33.13#
0.00	0.00	0.00

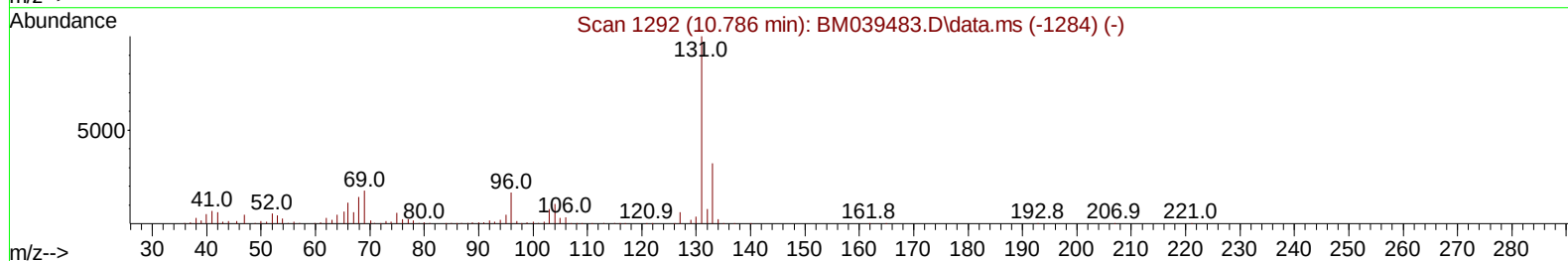
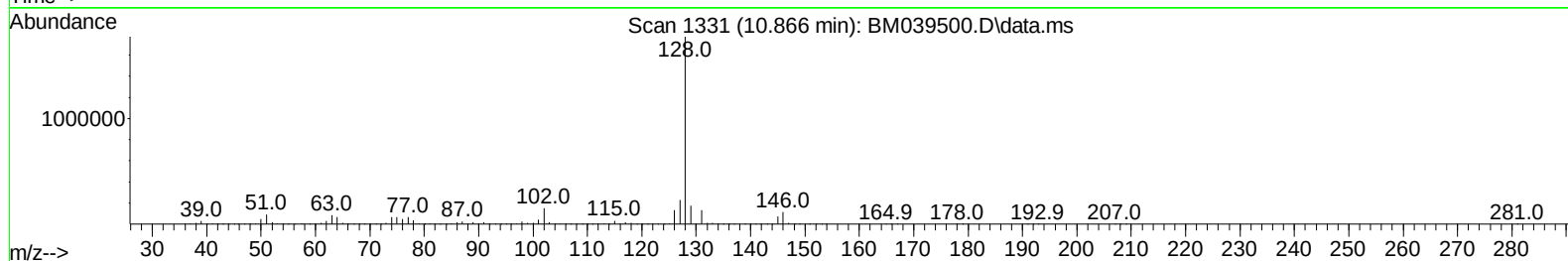
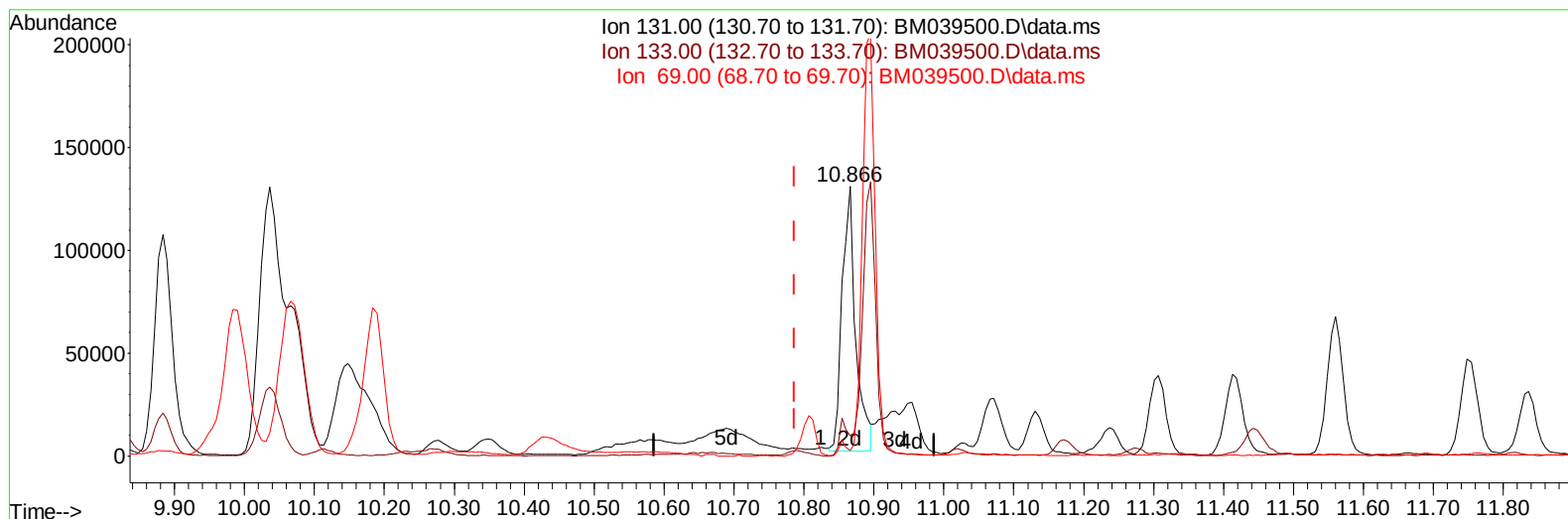
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039500.D
Acq On : 19 Apr 2023 18:05
Operator : CG/JU
Sample : 02296-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023

Quant Time: Apr 20 00:28:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 08:18:41 2023
Response via : Initial Calibration



TIC: BM039500.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.866min (+ 0.079) 12.80 ng/ul m

response 172588

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.20	7.34#
69.00	18.10	2.07#
0.00	0.00	0.00

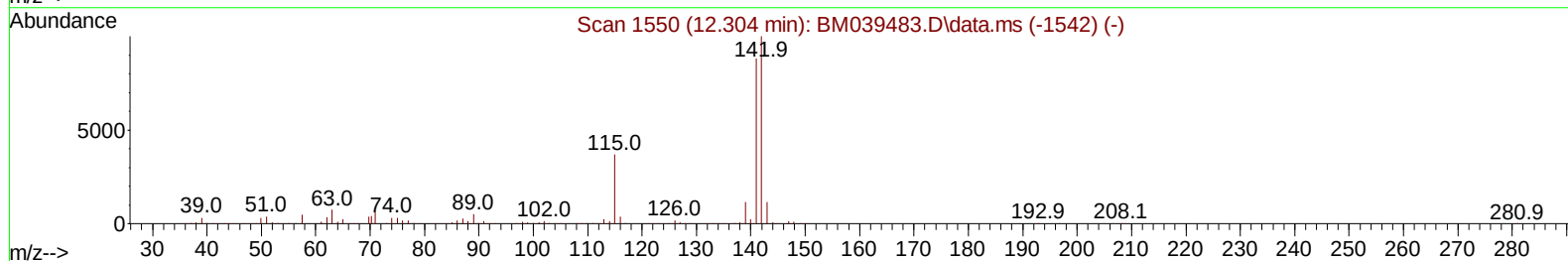
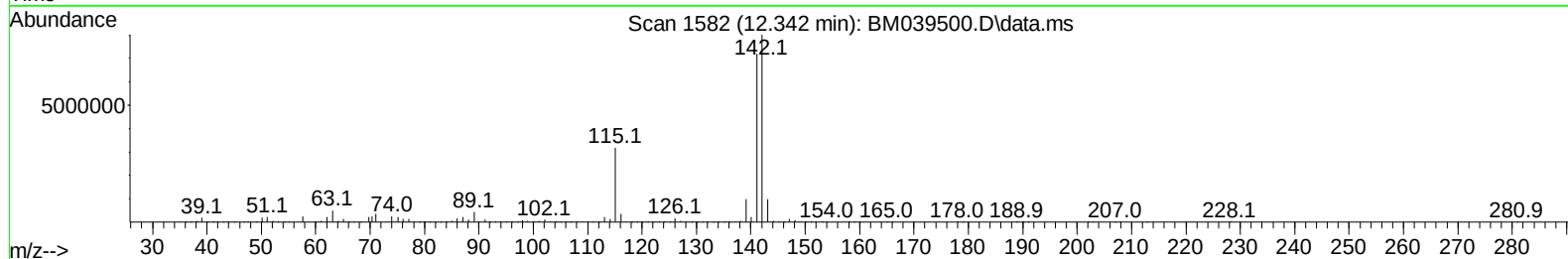
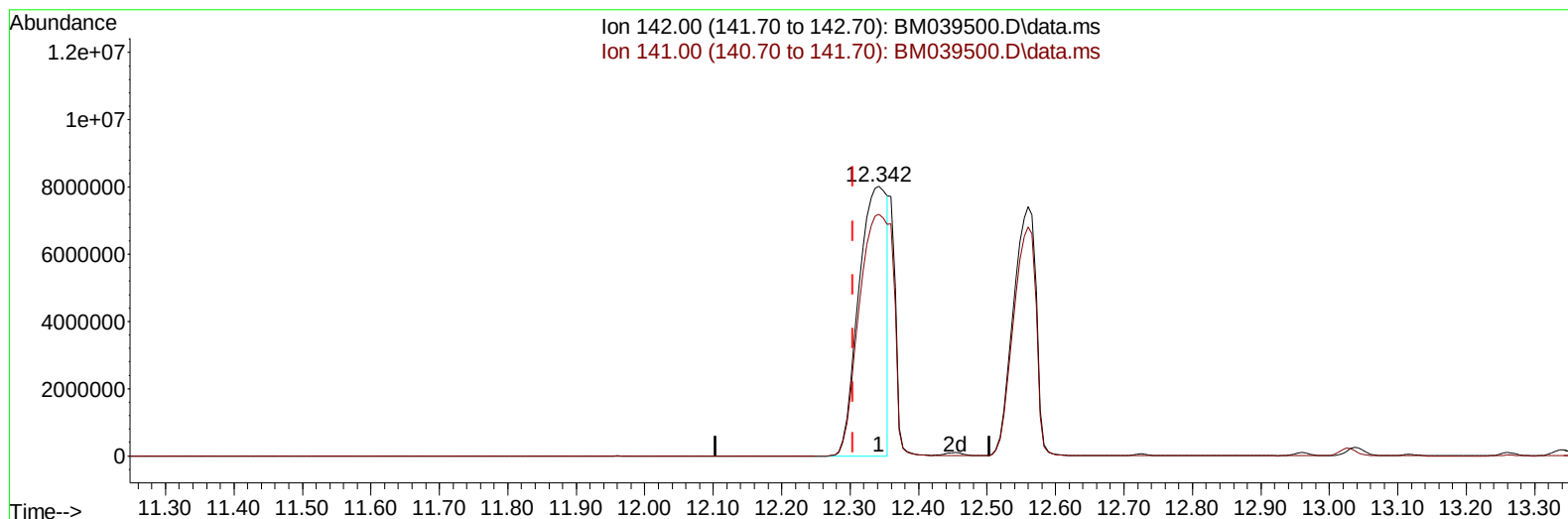
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039500.D
Acq On : 19 Apr 2023 18:05
Operator : CG/JU
Sample : 02296-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/20/2023
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Quant Time: Apr 20 00:29:04 2023
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Quant Title : SVOA CALIBRATION
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TIC: BM039500.D\data.ms

(36) 2-Methylnaphthalene

12.342min (+ 0.038) 1070.19 ng/ul

response 23050908

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.90	89.70
0.00	0.00	0.00
0.00	0.00	0.00

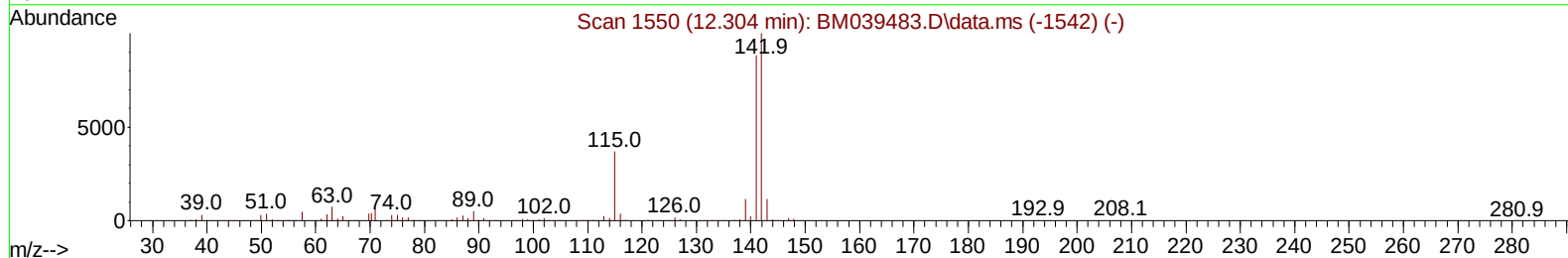
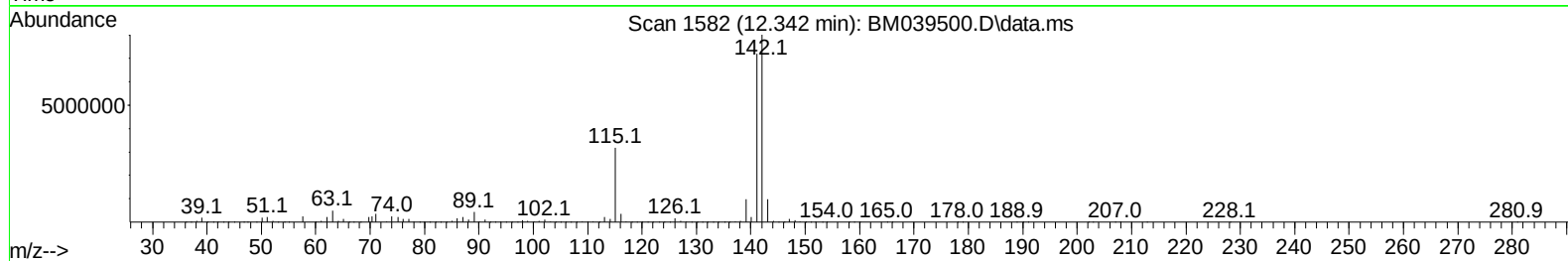
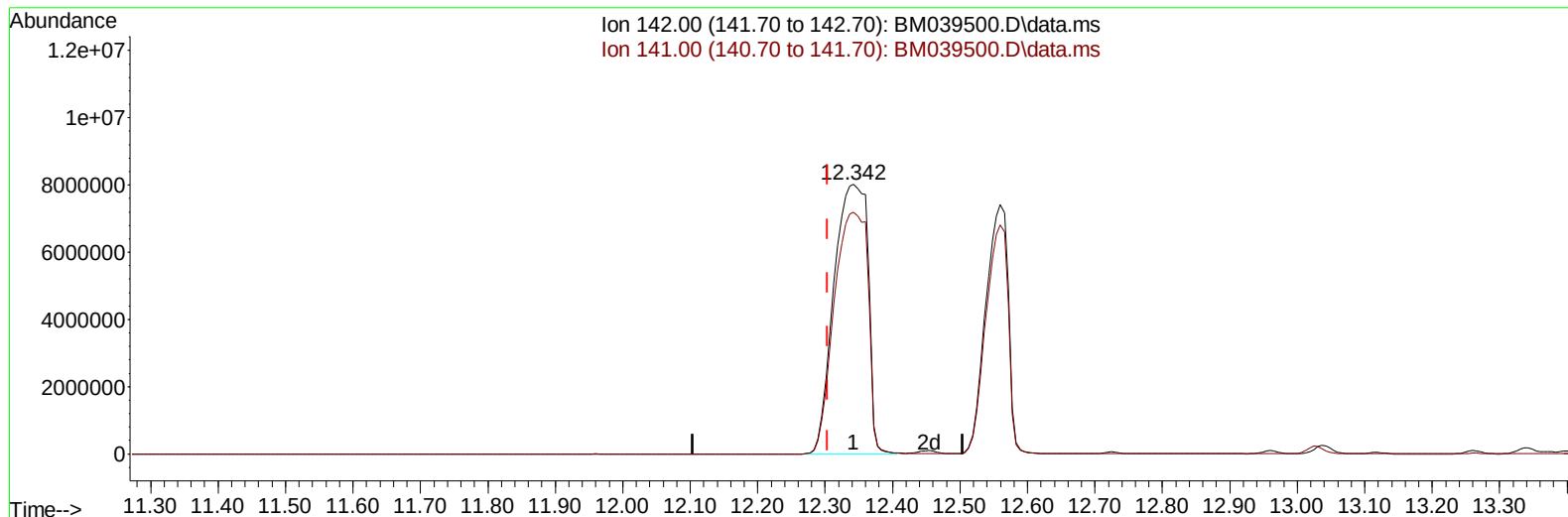
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039500.D
Acq On : 19 Apr 2023 18:05
Operator : CG/JU
Sample : 02296-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2

Manual IntegrationsAPPROVED

Quant Time: Apr 20 00:29:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
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TIC: BM039500.D\data.ms

(36) 2-Methylnaphthalene

12.342min (+ 0.038) 1301.99 ng/ul m

response 28043648

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.90	89.70
0.00	0.00	0.00
0.00	0.00	0.00

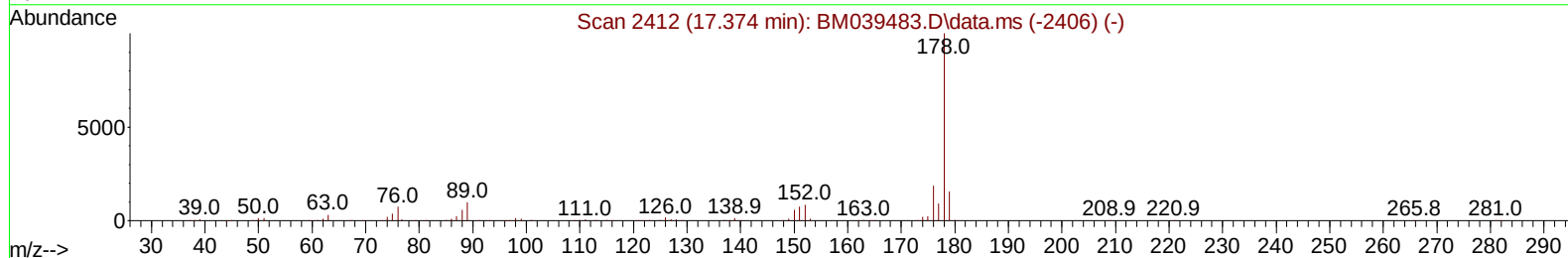
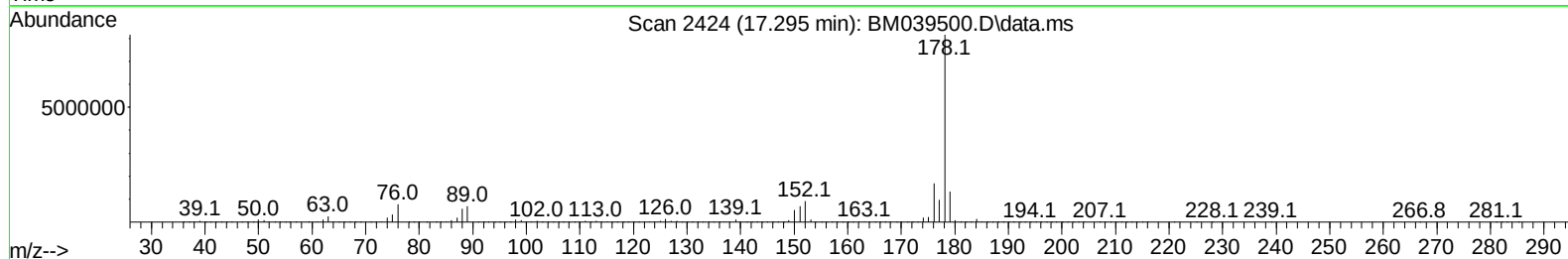
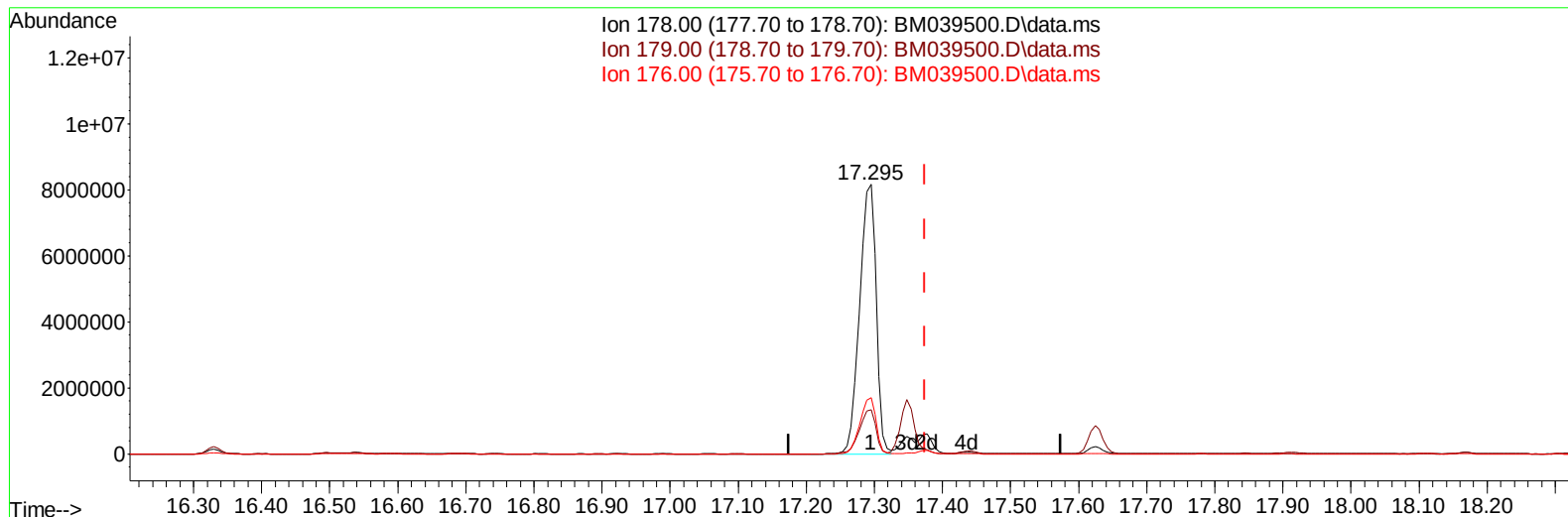
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039500.D
Acq On : 19 Apr 2023 18:05
Operator : CG/JU
Sample : 02296-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Time: Apr 20 00:30:32 2023
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TIC: BM039500.D\data.ms

(74) Anthracene

17.295min (-0.079) 185.88 ng/ul

response 13856925

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.10	16.31
176.00	18.80	20.81
0.00	0.00	0.00

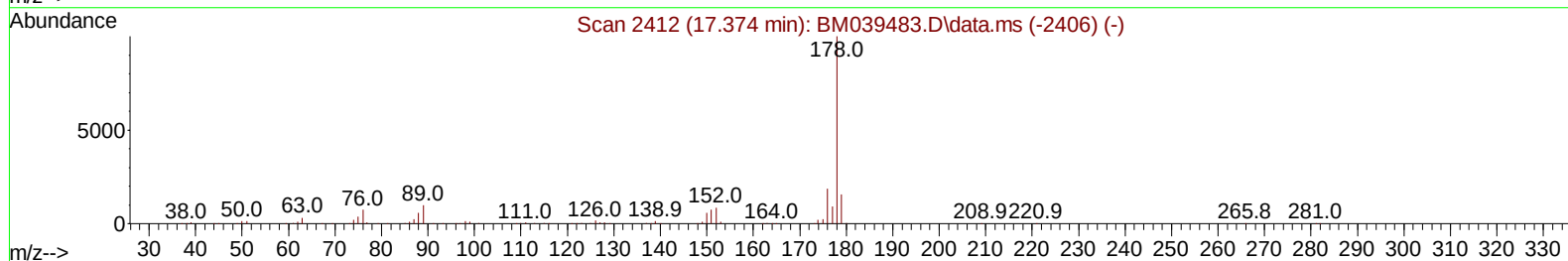
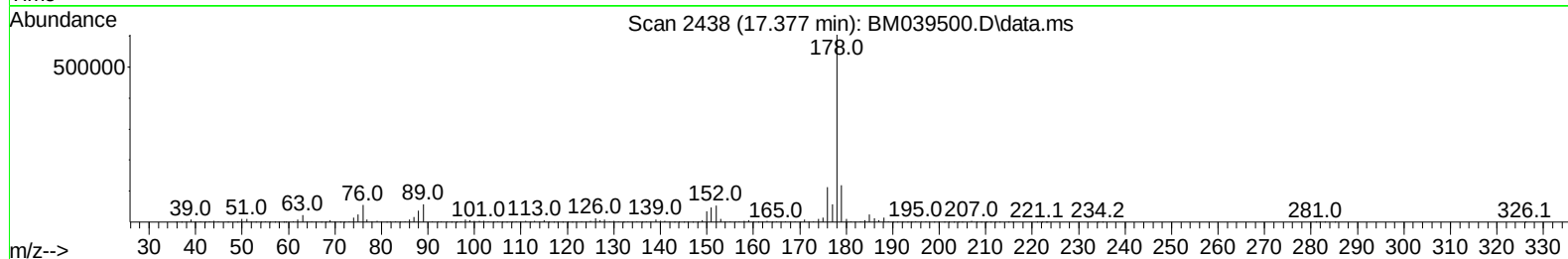
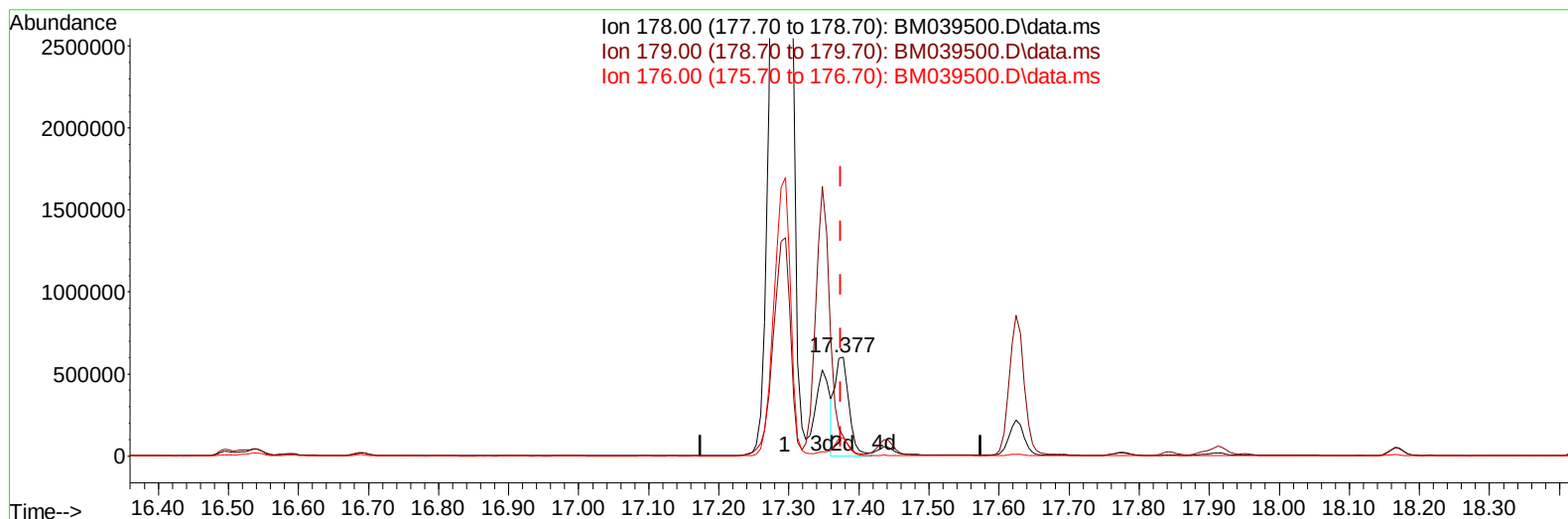
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039500.D
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 Sample : 02296-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Apr 20 00:30:32 2023
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TIC: BM039500.D\data.ms

(74) Anthracene

17.377min (+ 0.003) 11.26 ng/ul m

response 839397

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.10	19.74#
176.00	18.80	18.57
0.00	0.00	0.00

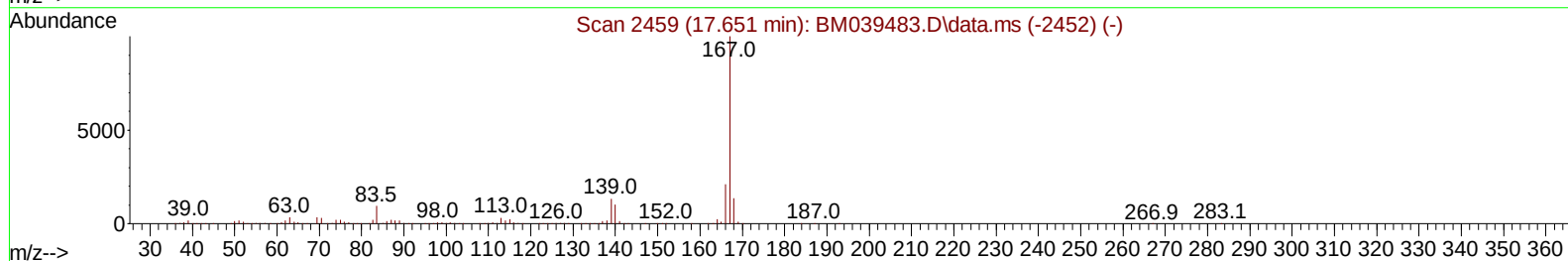
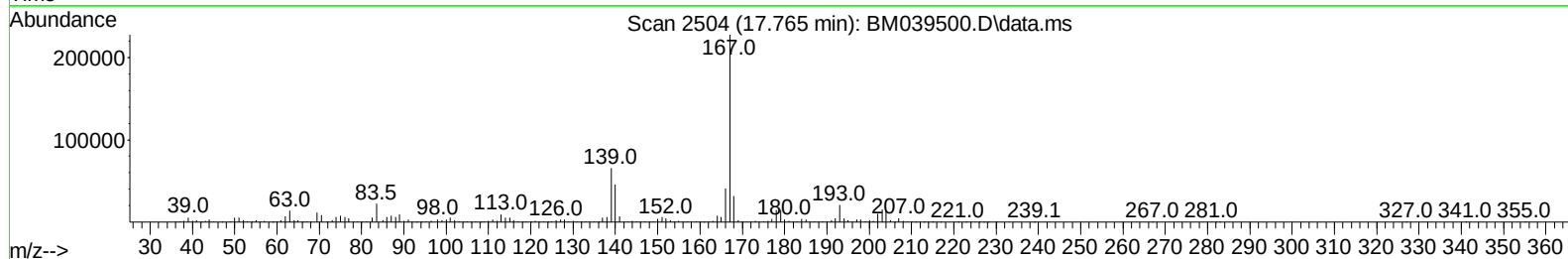
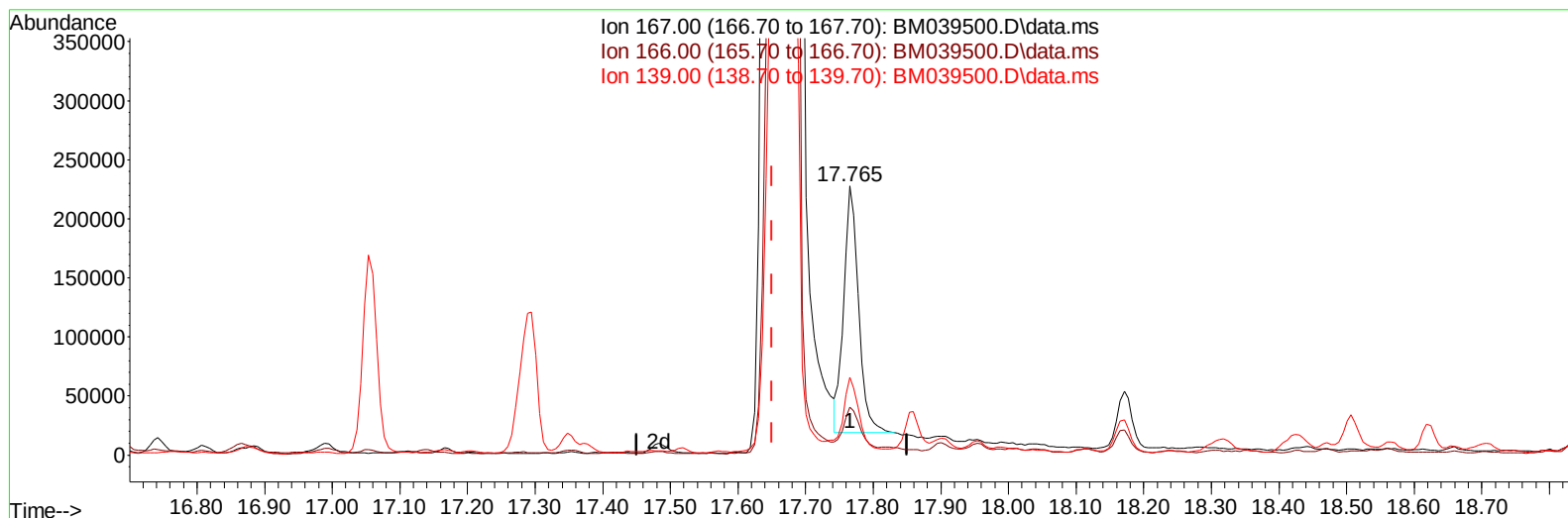
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
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TIC: BM039500.D\data.ms

(77) Carbazole

17.765min (+ 0.115) 4.81 ng/u1

response 318802

Ion	Exp%	Act%
167.00	100.00	100.00
166.00	21.20	17.87
139.00	13.20	28.86#
0.00	0.00	0.00

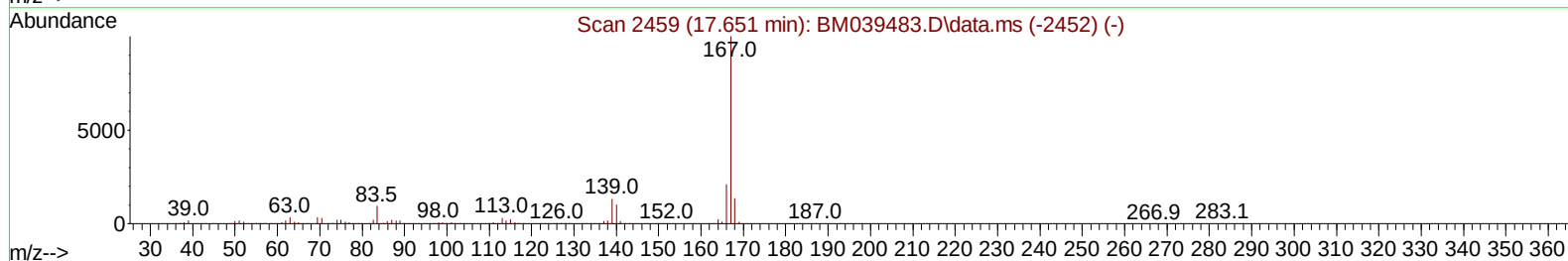
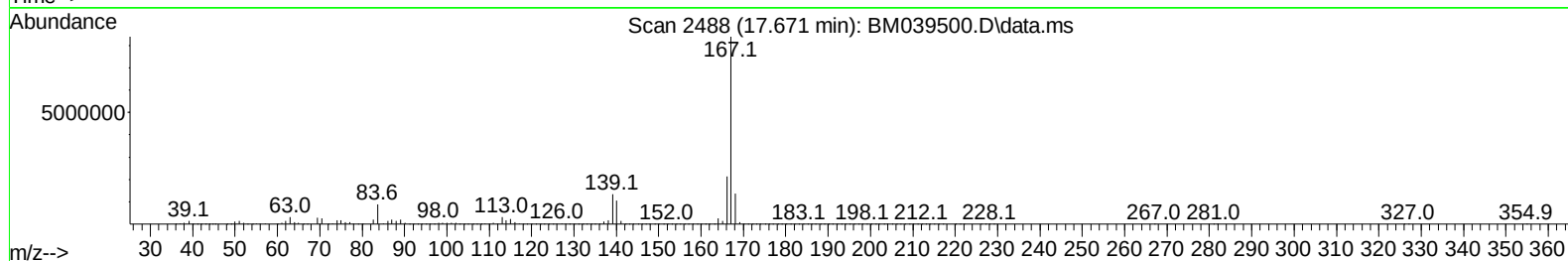
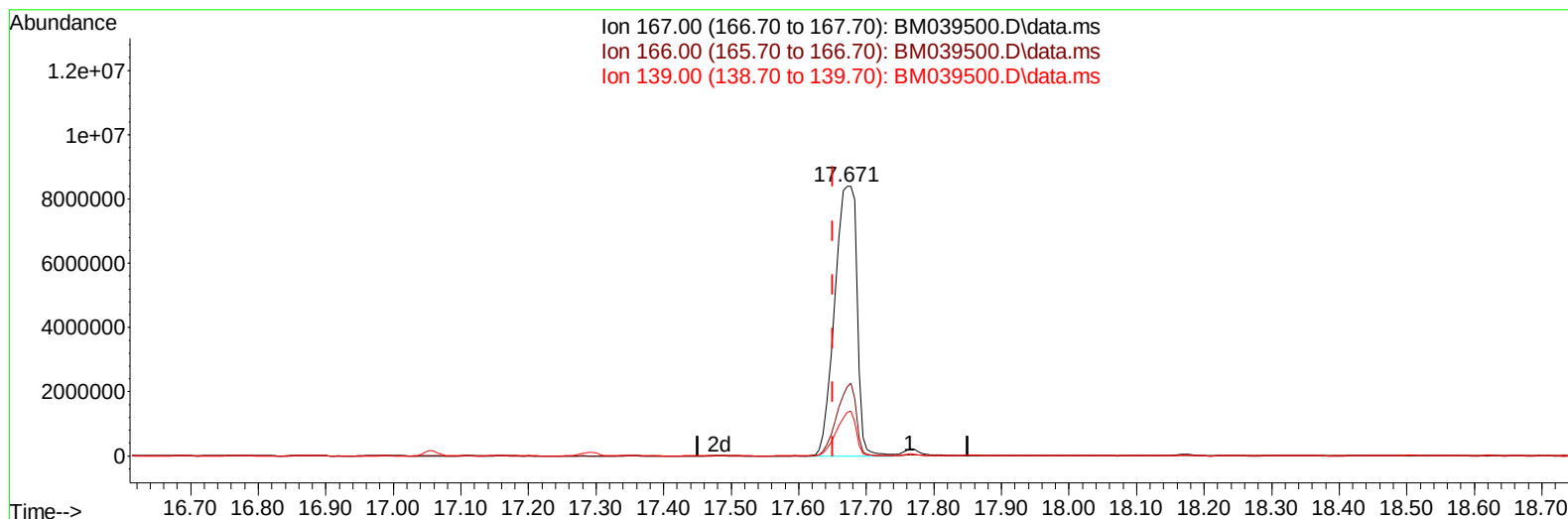
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039500.D
Acq On : 19 Apr 2023 18:05
Operator : CG/JU
Sample : 02296-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023

Quant Time: Apr 20 00:30:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 08:18:41 2023
Response via : Initial Calibration



TIC: BM039500.D\data.ms

(77) Carbazole

17.671min (+ 0.021) 290.11 ng/ul m

response 19217874

Ion	Exp%	Act%
167.00	100.00	100.00
166.00	21.20	25.56#
139.00	13.20	16.09#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039500.D
 Acq On : 19 Apr 2023 18:05
 Operator : CG/JU
 Sample : 02296-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 DCBM2

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/20/2023
 Supervised By :Jagrut Upadhyay 04/20/2023

Quant Time: Apr 20 00:32:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 08:18:41 2023
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.831	152		232077	20.000	ng/ul	0.00
20) Naphthalene-d8	10.689	136		580707m	20.000	ng/ul	0.05
38) Acenaphthene-d10	14.489	164		654532	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.242	188		1338477	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240		952347	20.000	ng/ul	0.00
88) Perylene-d12	23.794	264		881795	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.213	96		20734	3.429	ng/uL	0.00
4) Pyridine-d5	3.666	84		47181m	2.777	ng/ul	0.03
7) Phenol-d5	7.019	99		124616	5.867	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67		380591	27.109	ng/ul	0.00
11) 2-Chlorophenol-d4	7.366	132		387525	23.258	ng/ul	0.00
15) 4-Methylphenol-d8	8.572	113		261091	15.259	ng/ul	0.00
21) Nitrobenzene-d5	9.013	128		291339	62.360	ng/ul	0.01
24) 2-Nitrophenol-d4	9.742	143		301025	57.381	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.348	165		485106	53.741	ng/ul	0.08
31) 4-Chloroaniline-d4	10.866	131		172588m	12.802	ng/ul	0.08
46) Dimethylphthalate-d6	13.913	166		1695992	32.129	ng/ul	0.00
49) Acenaphthylene-d8	14.183	160		1950584	32.892	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143		42433	5.311	ng/ul	0.02
60) Fluorene-d10	15.483	176		1452987	33.596	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.624	200		196621	22.106	ng/ul	0.00
73) Anthracene-d10	17.342	188		2161365	33.577	ng/ul	0.00
81) Pyrene-d10	19.636	212		2404343	37.993	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.642	264		1668015	35.037	ng/ul	0.00
Target Compounds							
							Qvalue
30) Naphthalene	10.695	128	93087898m	2897.236	ng/ul		
36) 2-Methylnaphthalene	12.342	142	28043648m	1301.988	ng/ul		
37) 1-Methylnaphthalene	12.560	142	17283961	798.520	ng/ul		98
43) 1,1'-Biphenyl	13.330	154	8425645	166.570	ng/ul		98
50) Acenaphthylene	14.207	152	524559	8.269	ng/ul#		90
52) Acenaphthene	14.583	153	19681655	450.643	ng/ul		98
56) Dibenzofuran	14.901	168	17591149	296.332	ng/ul		92
61) Fluorene	15.554	166	11060878	225.246	ng/ul		100
72) Phenanthrene	17.295	178	13856925	186.478	ng/ul		98
74) Anthracene	17.377	178	839397m	11.260	ng/ul		
77) Carbazole	17.671	167	19217874m	290.112	ng/ul		
80) Fluoranthene	19.301	202	1470327	19.822	ng/ul		97
82) Pyrene	19.665	202	825004	10.744	ng/ul		96

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

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