

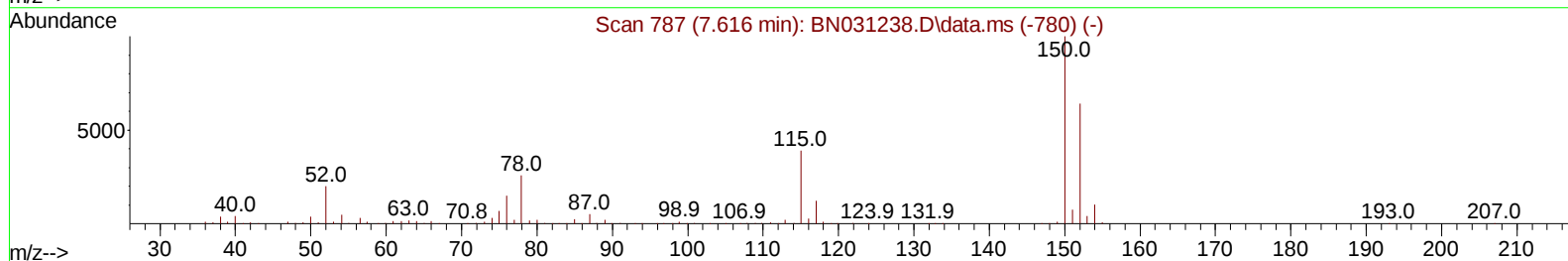
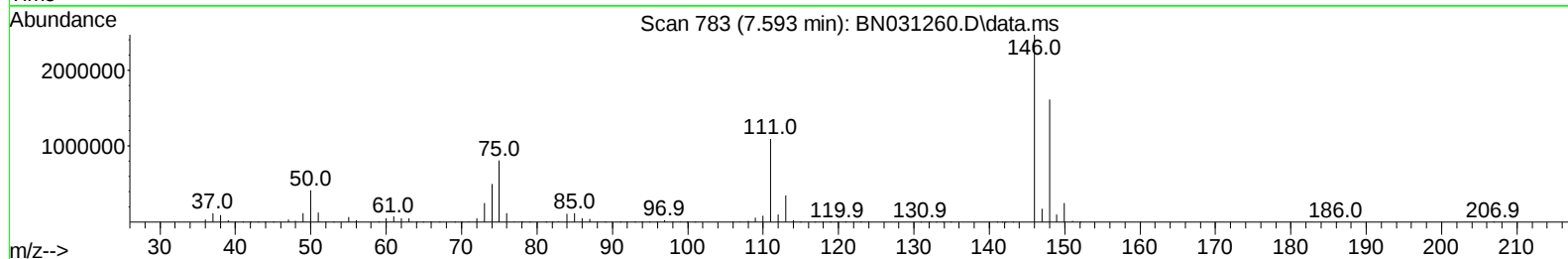
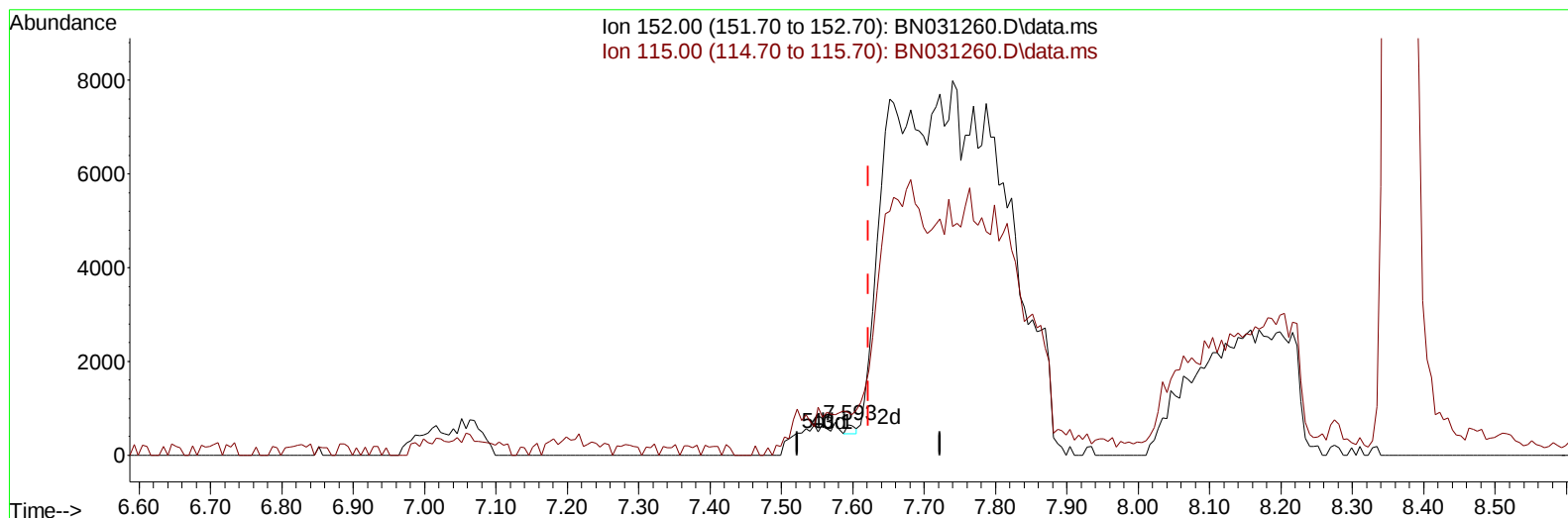
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031260.D
Acq On : 27 Apr 2024 01:44
Operator : MA/JU
Sample : P2184-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CORE5

Manual IntegrationsAPPROVED

Quant Time: Apr 27 02:44:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024



TIC: BN031260.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.593min (-0.029) 20.00 ng/u1

response 166

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	58.40	141.91#
0.00	0.00	0.00
0.00	0.00	0.00

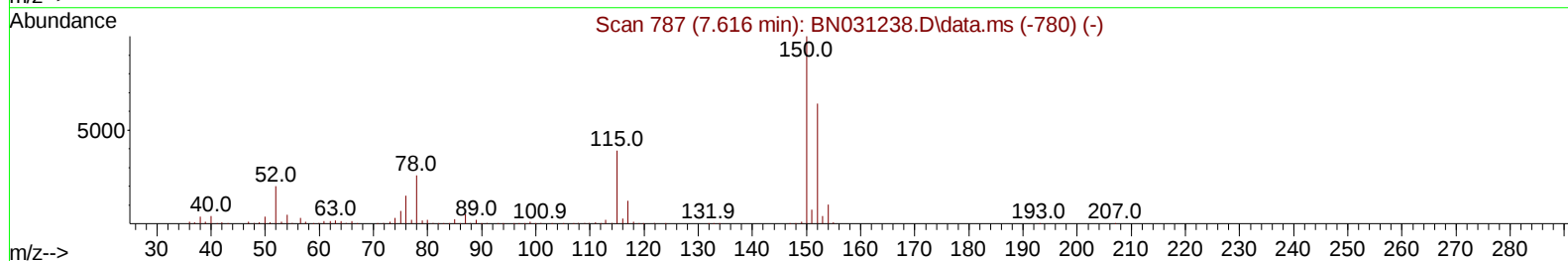
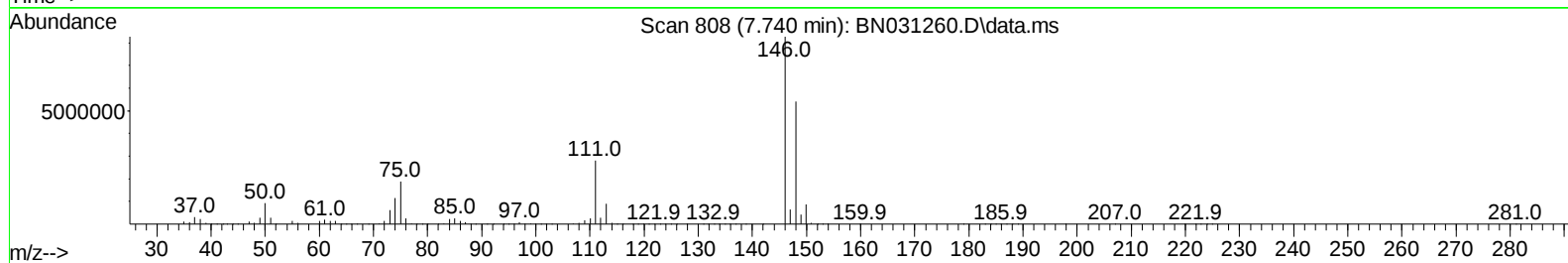
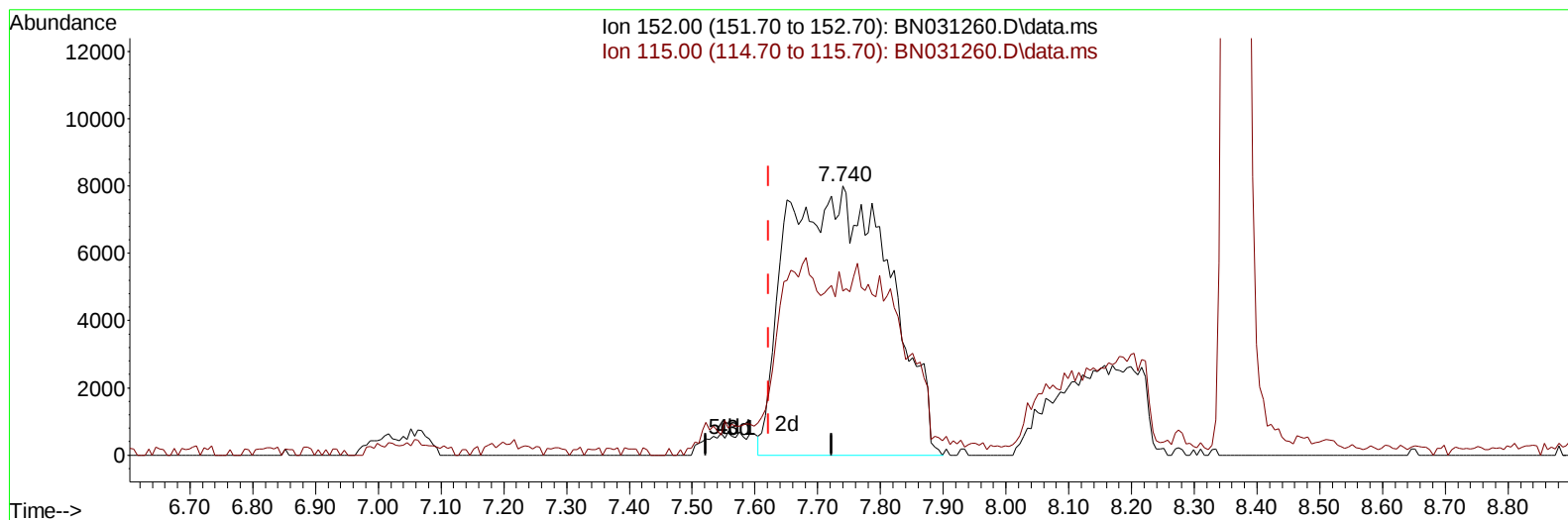
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031260.D
Acq On : 27 Apr 2024 01:44
Operator : MA/JU
Sample : P2184-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CORE5

Manual IntegrationsAPPROVED

Quant Time: Apr 27 02:44:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024



TIC: BN031260.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.740min (+ 0.118) 20.00 ng/ul m

response 91444

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	58.40	60.95
0.00	0.00	0.00
0.00	0.00	0.00

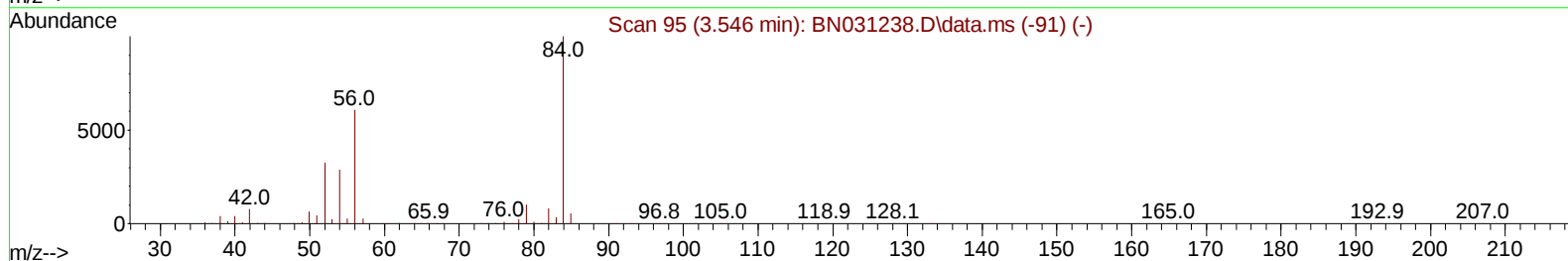
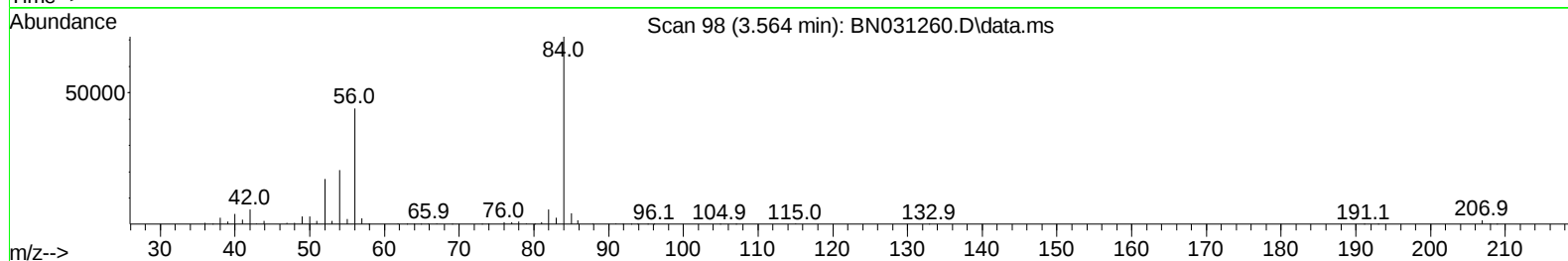
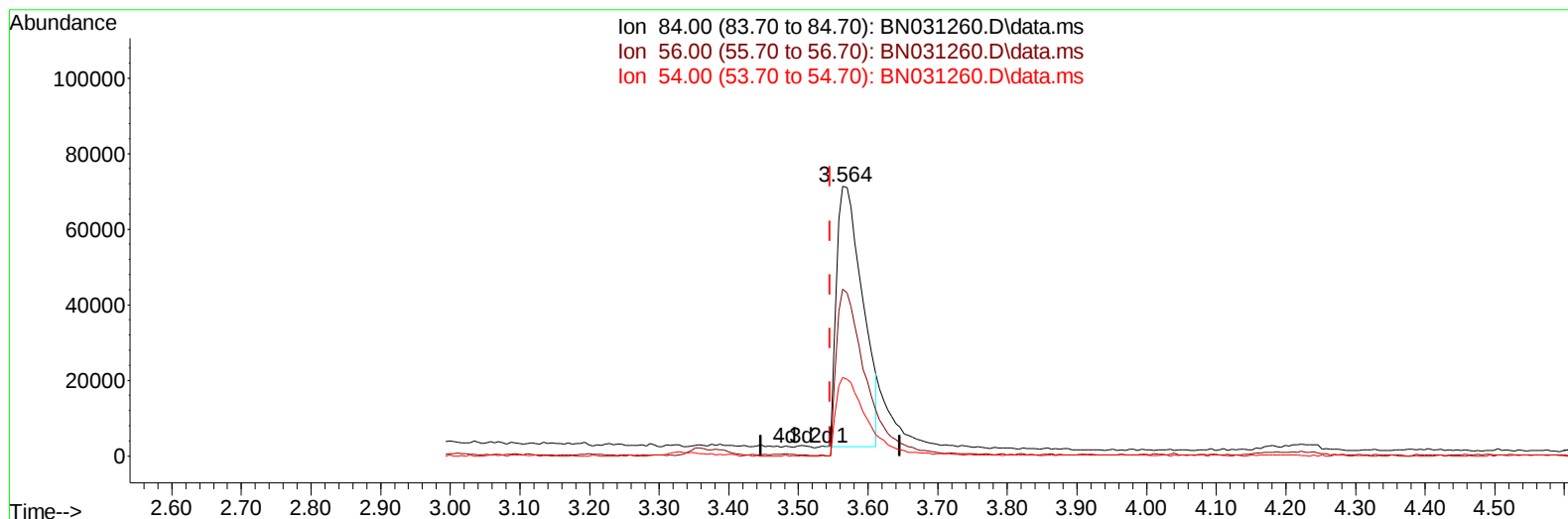
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031260.D
Acq On : 27 Apr 2024 01:44
Operator : MA/JU
Sample : P2184-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CORE5

Manual IntegrationsAPPROVED

Quant Time: Apr 27 02:44:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024



TIC: BN031260.D\data.ms

(4) Pyridine-d5 (S)

3.564min (+ 0.018) 31.65 ng/u1

response 178391

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	59.00	61.86
54.00	30.10	29.07
0.00	0.00	0.00

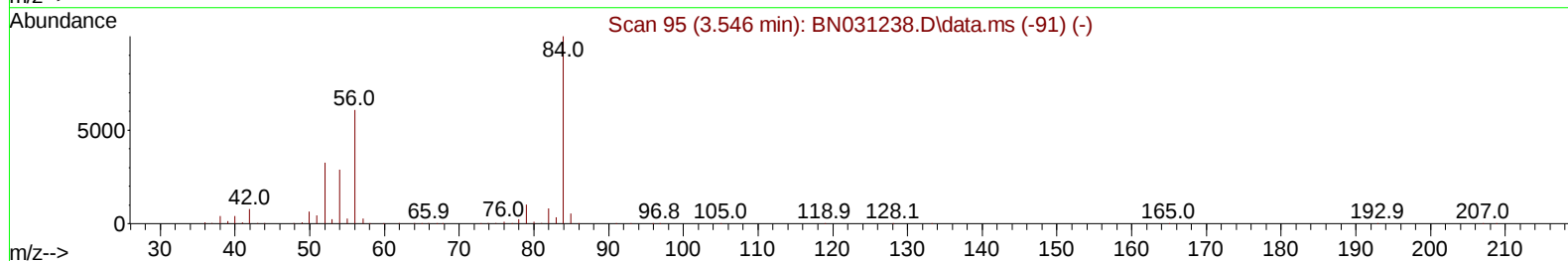
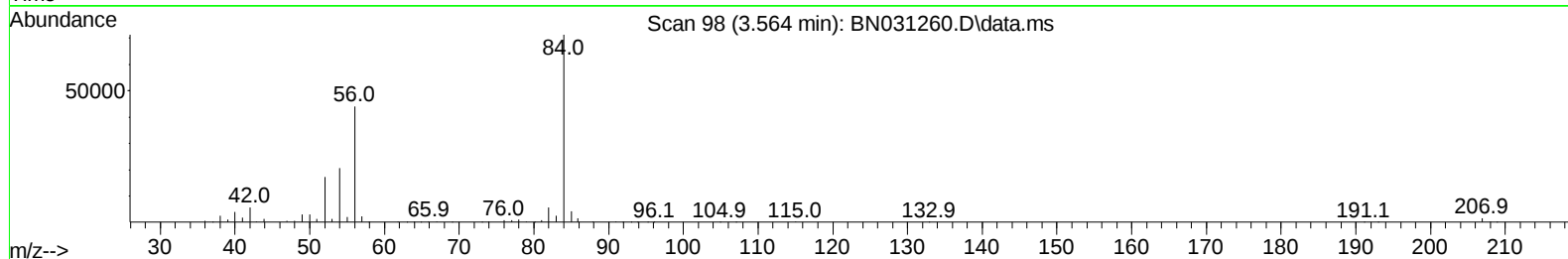
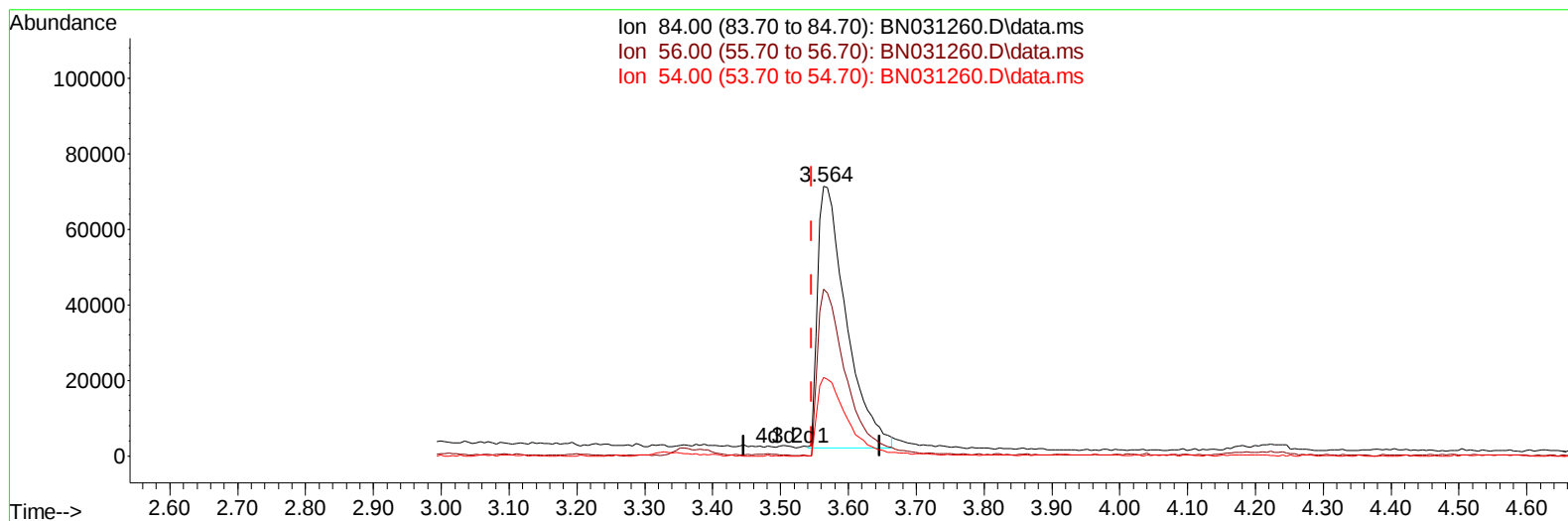
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031260.D
Acq On : 27 Apr 2024 01:44
Operator : MA/JU
Sample : P2184-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CORE5

Manual IntegrationsAPPROVED

Quant Time: Apr 27 02:44:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024



TIC: BN031260.D\data.ms

(4) Pyridine-d5 (S)

3.564min (+ 0.018) 36.25 ng/u1 m

response 204347

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	59.00	61.86
54.00	30.10	29.07
0.00	0.00	0.00

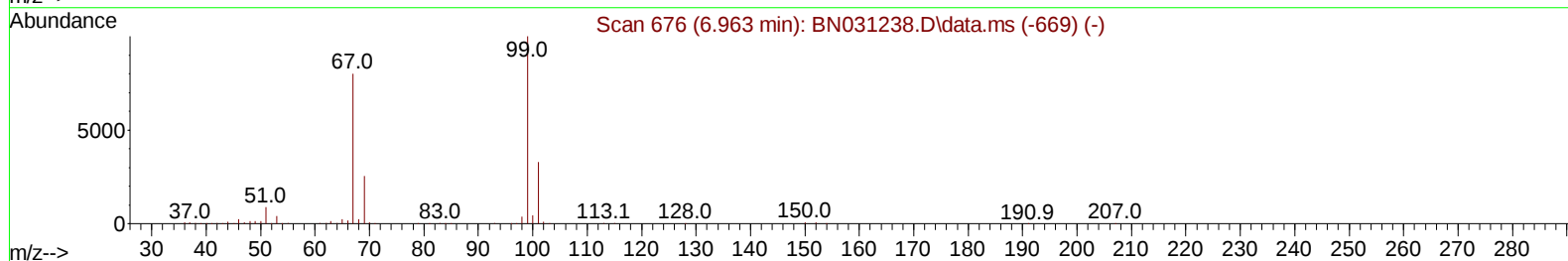
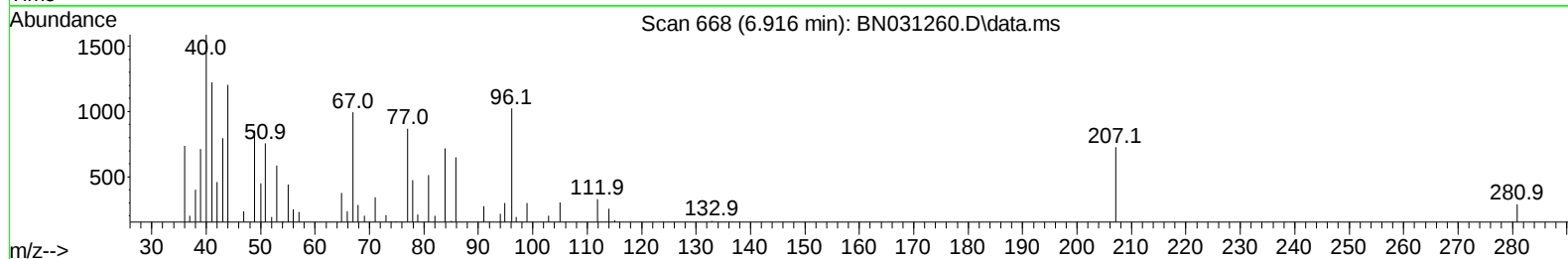
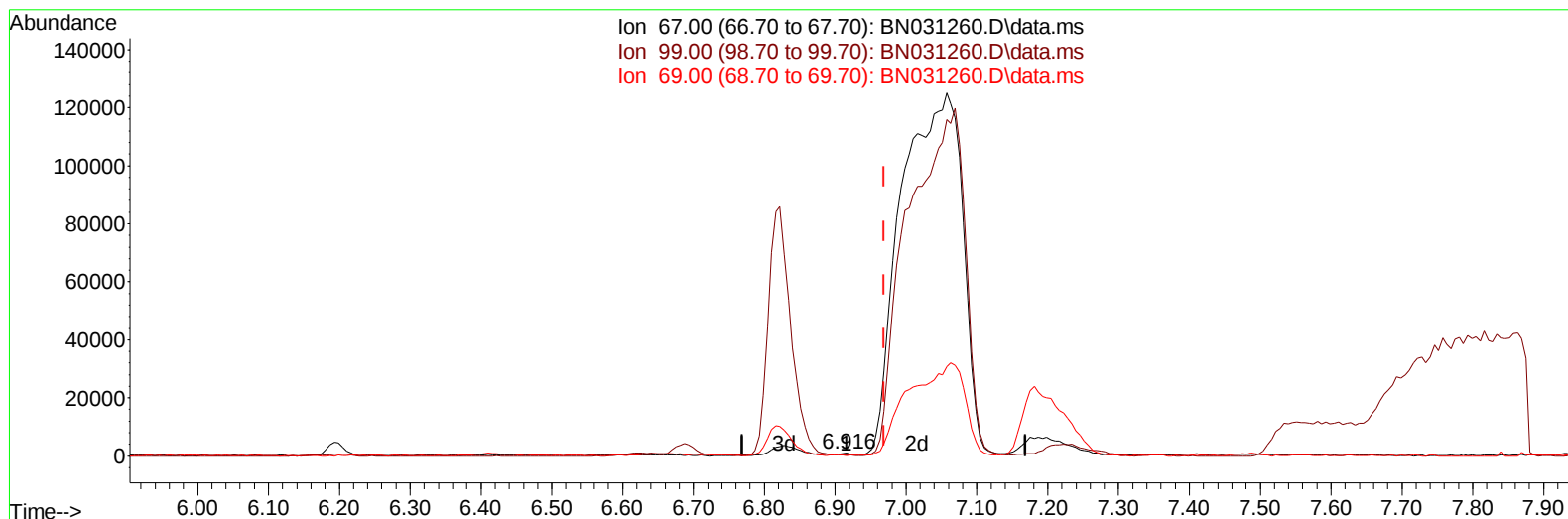
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
 Data File : BN031260.D
 Acq On : 27 Apr 2024 01:44
 Operator : MA/JU
 Sample : P2184-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CORE5

Manual IntegrationsAPPROVED

Quant Time: Apr 27 02:45:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 22:57:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/29/2024
 Supervised By :mohammad ahmed 04/29/2024



TIC: BN031260.D\data.ms

(9) Bis-(2-Chloroethyl)ether-d8 (S)

6.916min (-0.053) 0.13 ng/u1

response 601

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	127.20	30.34#
69.00	31.60	20.46#
0.00	0.00	0.00

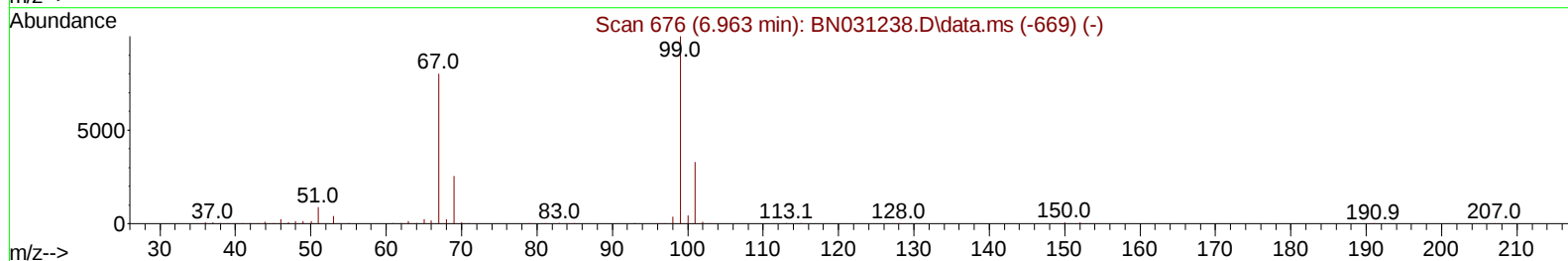
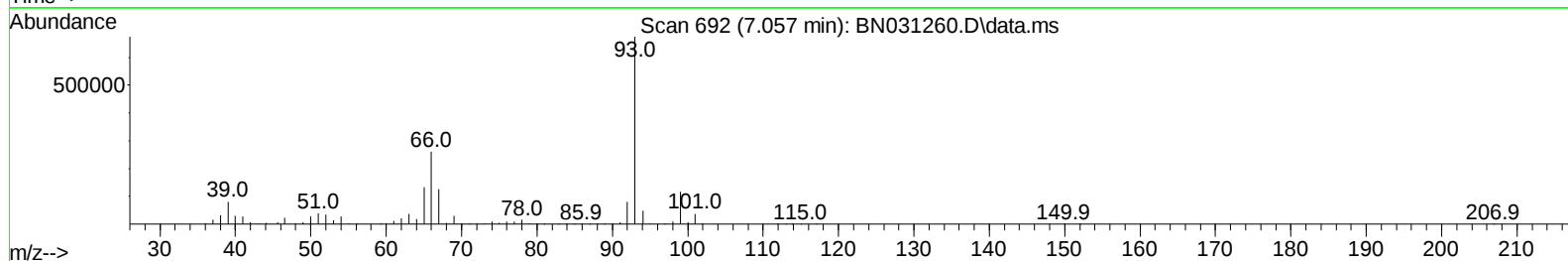
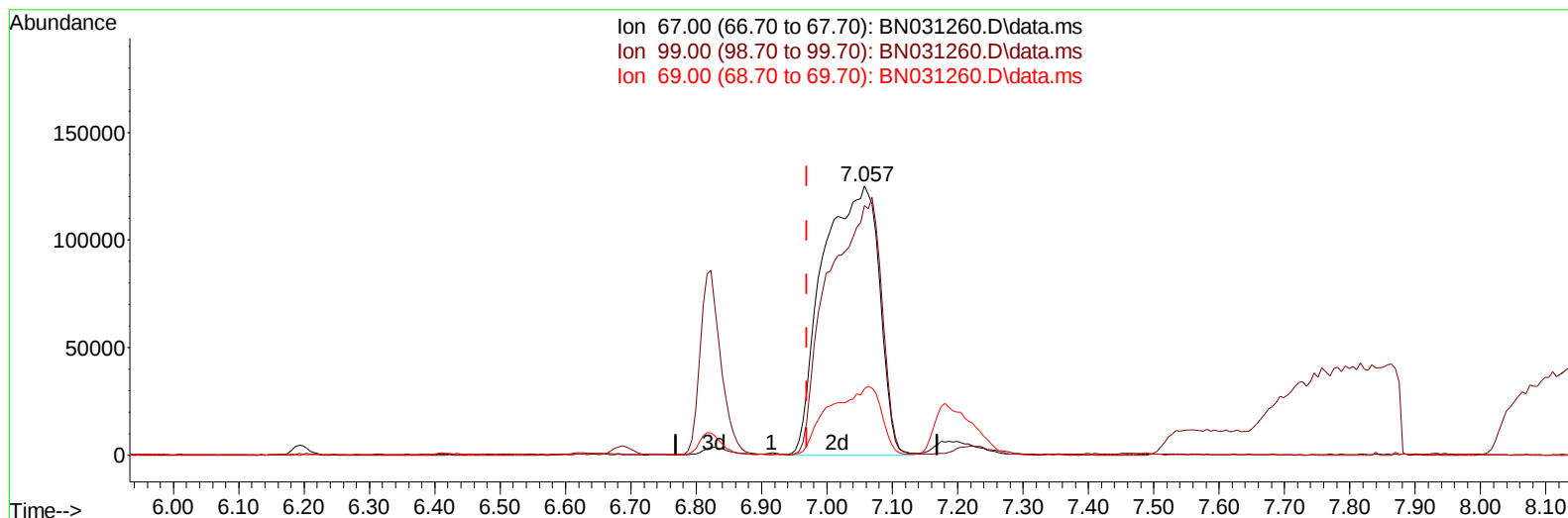
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031260.D
Acq On : 27 Apr 2024 01:44
Operator : MA/JU
Sample : P2184-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CORE5

Manual IntegrationsAPPROVED

Quant Time: Apr 27 02:45:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024



TIC: BN031260.D\data.ms

(9) Bis-(2-Chloroethyl)ether-d8 (S)

7.057min (+ 0.088) 166.54 ng/ul m

response 747428

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	127.20	92.70#
69.00	31.60	24.64#
0.00	0.00	0.00

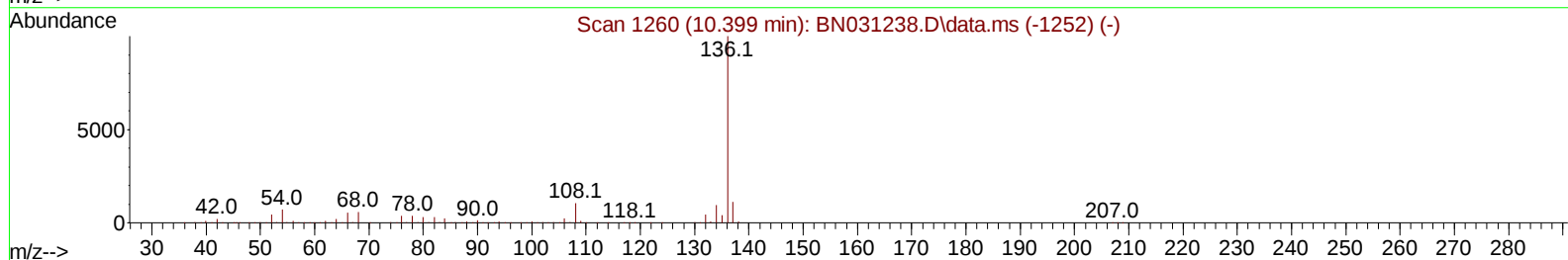
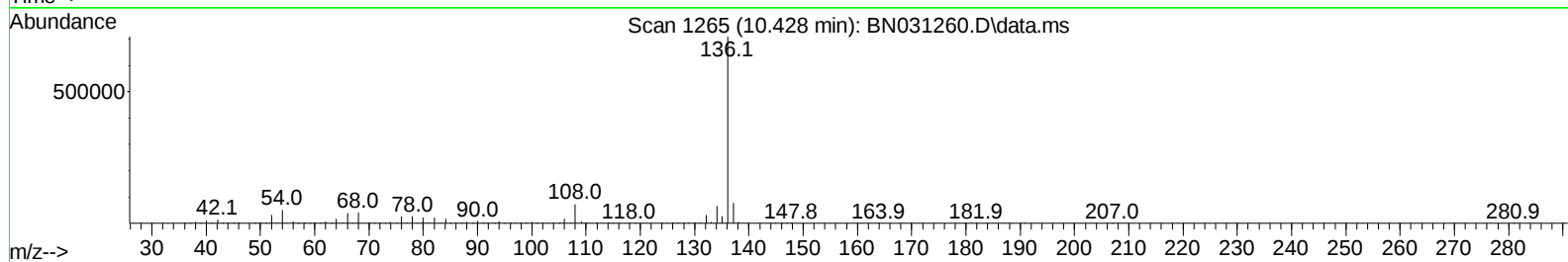
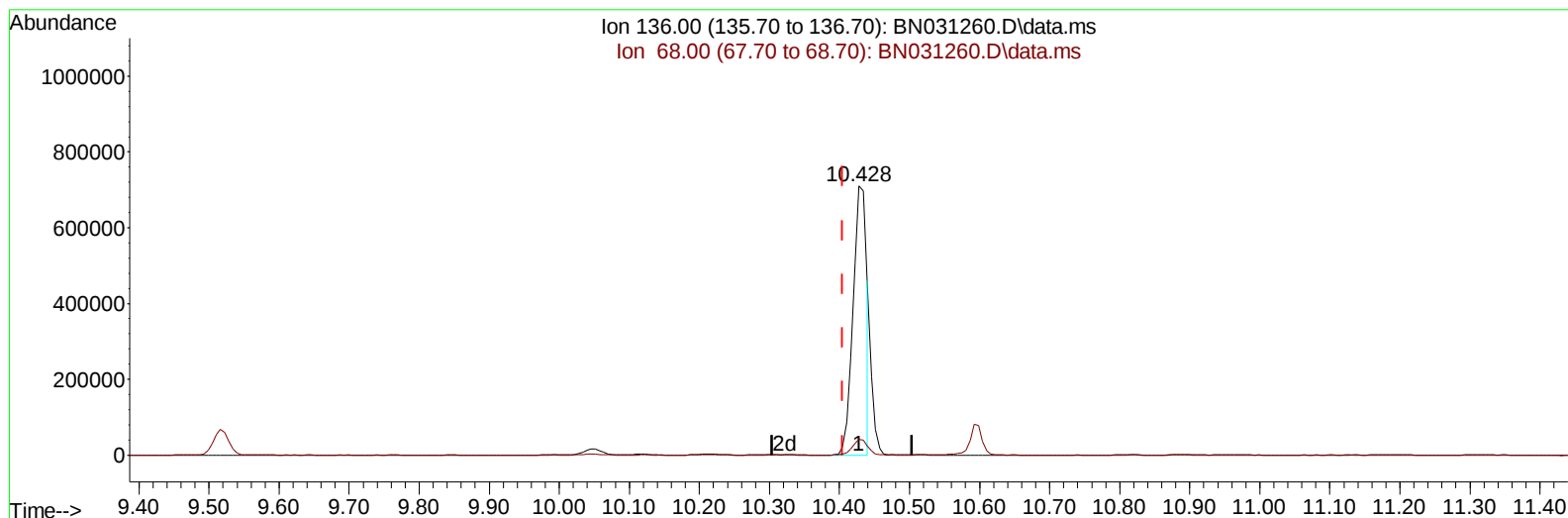
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
 Data File : BN031260.D
 Acq On : 27 Apr 2024 01:44
 Operator : MA/JU
 Sample : P2184-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CORE5

Manual IntegrationsAPPROVED

Quant Time: Apr 27 02:45:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 22:57:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/29/2024
 Supervised By :mohammad ahmed 04/29/2024



TIC: BN031260.D\data.ms

(20) Naphthalene-d8 (I)

10.428min (+ 0.024) 20.00 ng/u1

response 966992

Ion	Exp%	Act%
136.00	100.00	100.00
68.00	5.60	5.81
0.00	0.00	0.00
0.00	0.00	0.00

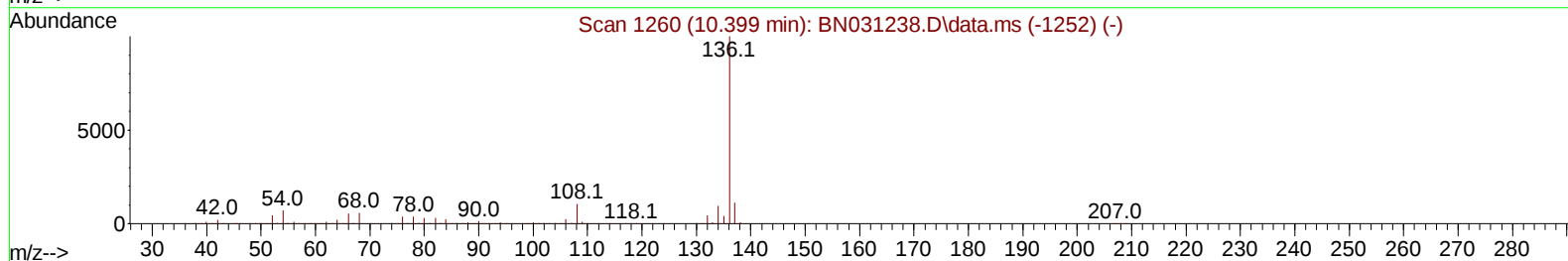
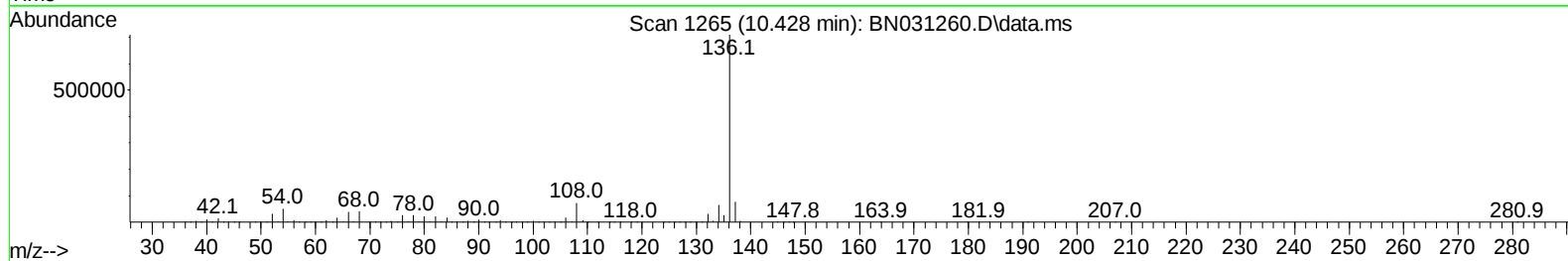
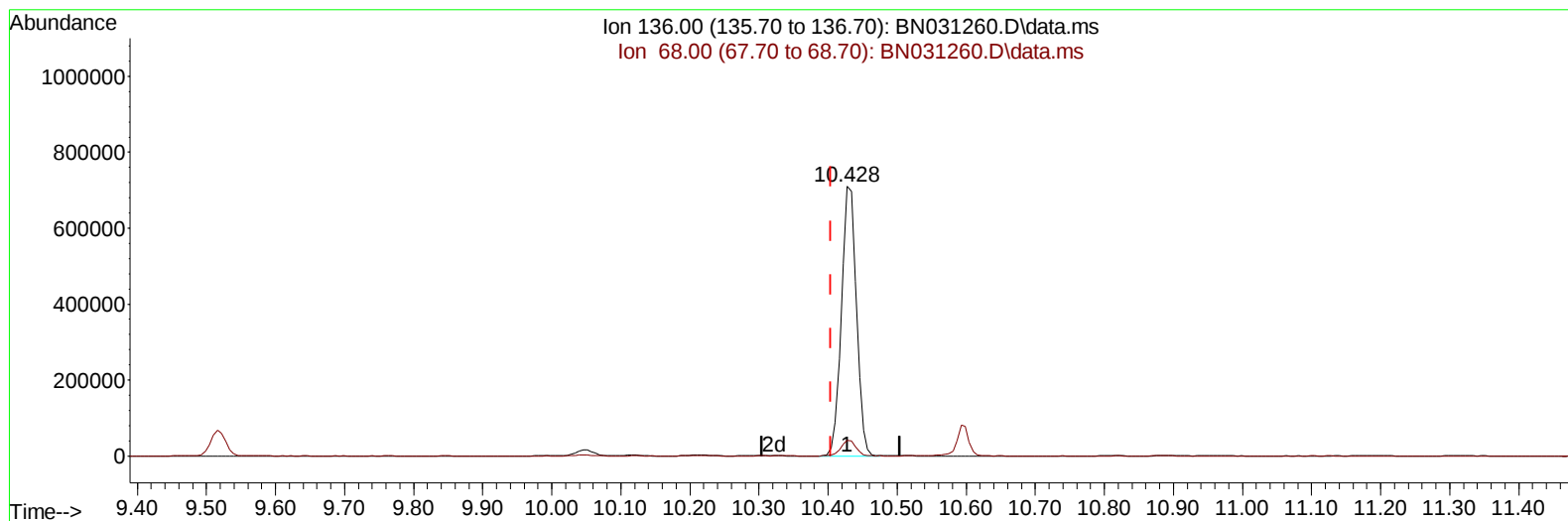
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
 Data File : BN031260.D
 Acq On : 27 Apr 2024 01:44
 Operator : MA/JU
 Sample : P2184-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CORE5

Manual IntegrationsAPPROVED

Quant Time: Apr 27 02:45:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 22:57:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/29/2024
 Supervised By :mohammad ahmed 04/29/2024



TIC: BN031260.D\data.ms

(20) Naphthalene-d8 (I)

10.428min (+ 0.024) 20.00 ng/ul m

response 1072027

Ion	Exp%	Act%
136.00	100.00	100.00
68.00	5.60	5.81
0.00	0.00	0.00
0.00	0.00	0.00

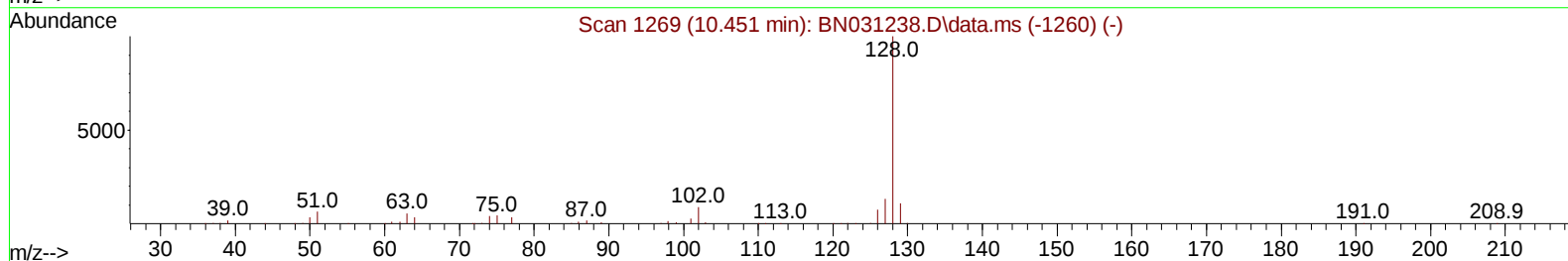
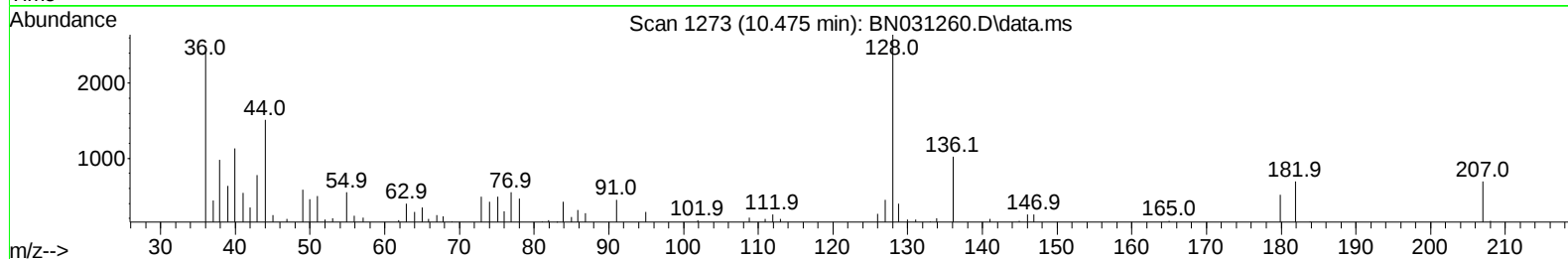
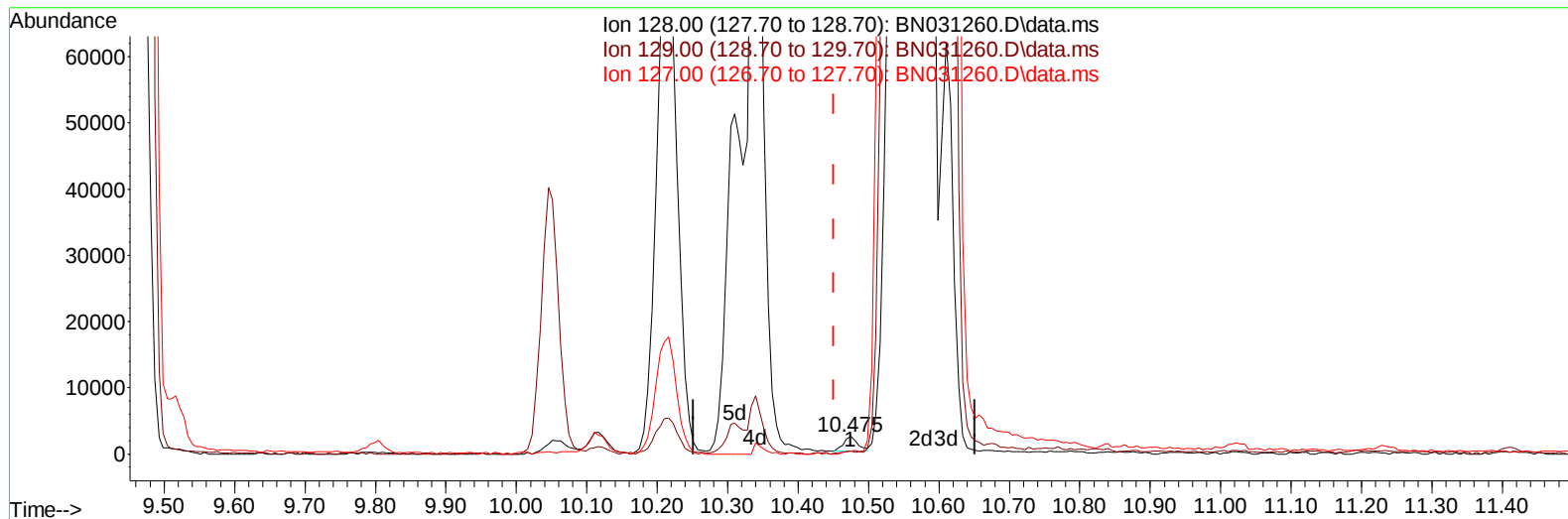
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031260.D
Acq On : 27 Apr 2024 01:44
Operator : MA/JU
Sample : P2184-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CORE5

Manual IntegrationsAPPROVED

Quant Time: Apr 27 02:46:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024



TIC: BN031260.D\data.ms

(30) Naphthalene

10.475min (+ 0.024) 0.05 ng/u1

response 3013

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.20	15.04#
127.00	13.10	16.86#
0.00	0.00	0.00

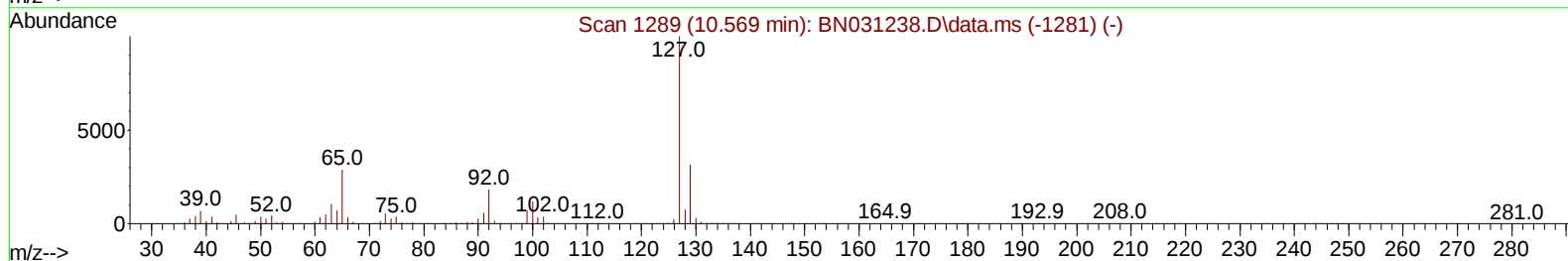
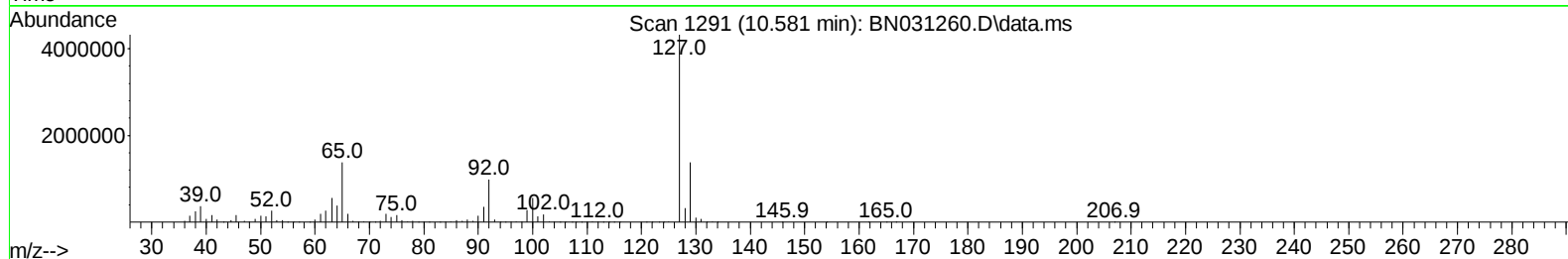
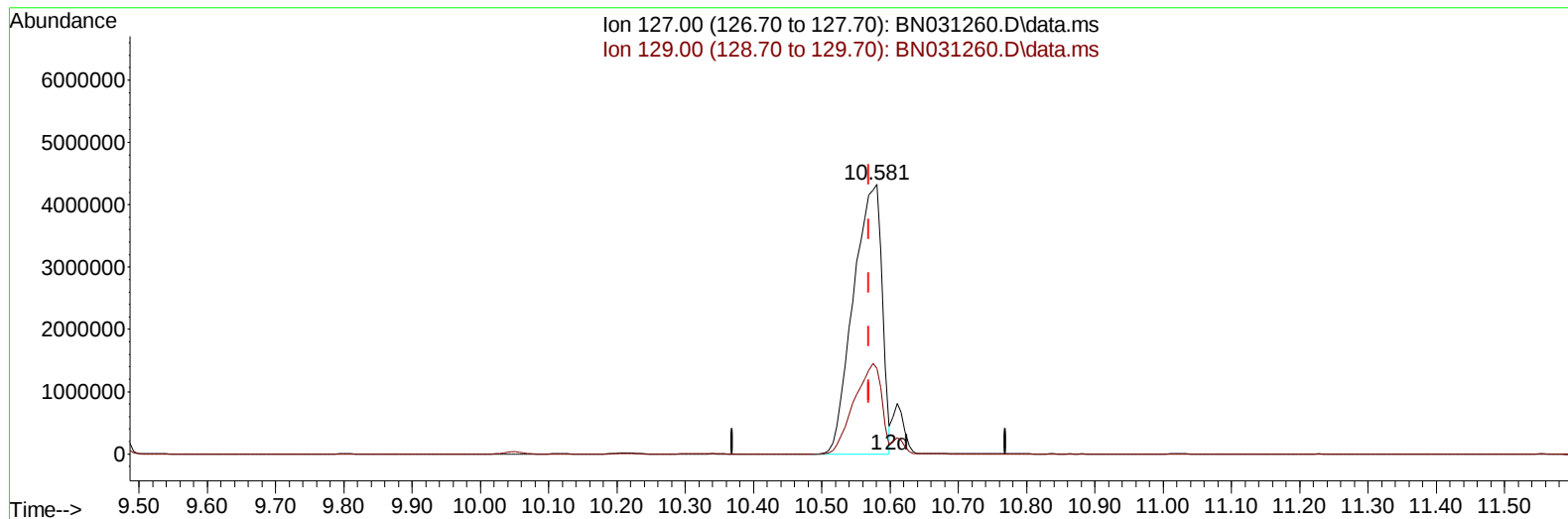
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Data File : BN031260.D
Acq On : 27 Apr 2024 01:44
Operator : MA/JU
Sample : P2184-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CORE5

Manual IntegrationsAPPROVED

Quant Time: Apr 27 02:46:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
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Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024



TIC: BN031260.D\data.ms

(32) 4-Chloroaniline

10.581min (+ 0.012) 523.75 ng/u1

response 12556622

Ion	Exp%	Act%
127.00	100.00	100.00
129.00	31.80	31.74
0.00	0.00	0.00
0.00	0.00	0.00

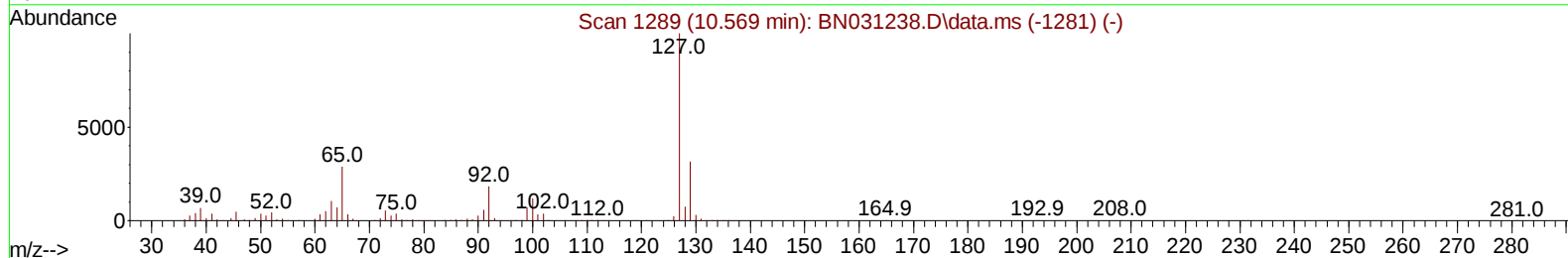
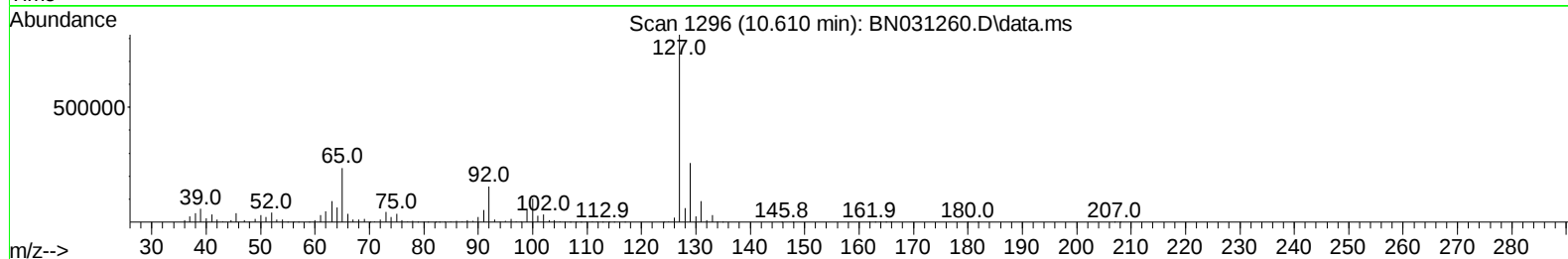
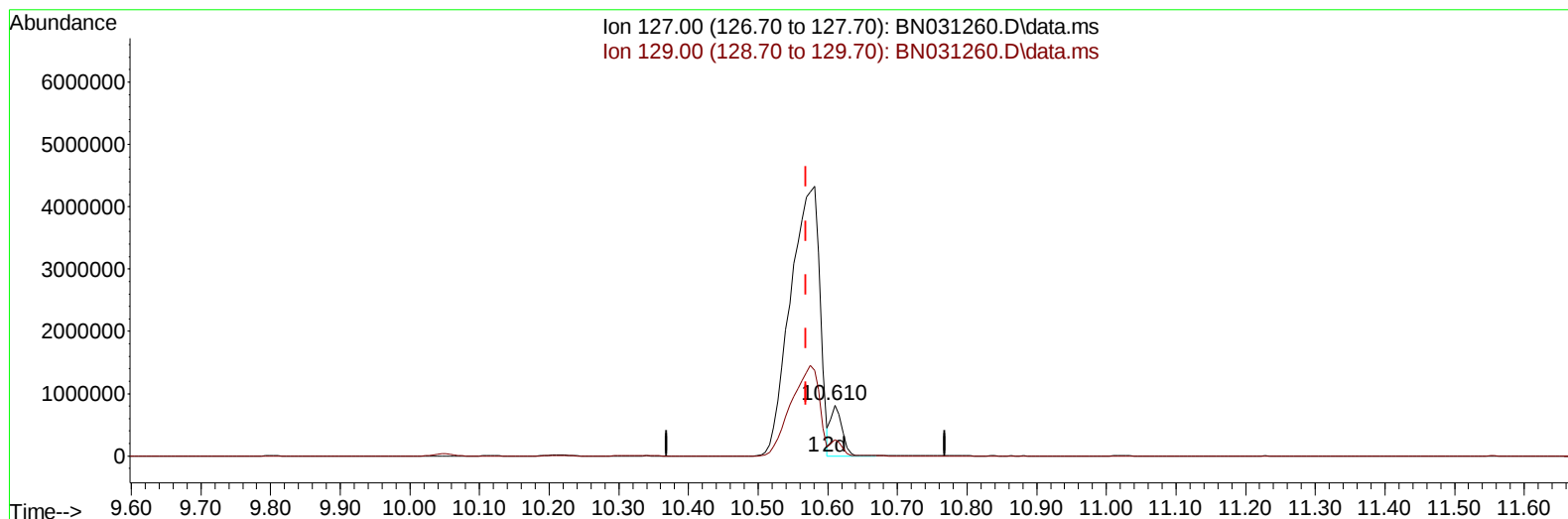
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
 Data File : BN031260.D
 Acq On : 27 Apr 2024 01:44
 Operator : MA/JU
 Sample : P2184-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CORE5

Manual IntegrationsAPPROVED

Quant Time: Apr 27 02:46:47 2024
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Reviewed By :Yogesh Patel 04/29/2024
 Supervised By :mohammad ahmed 04/29/2024



TIC: BN031260.D\data.ms

(32) 4-Chloroaniline

10.610min (+ 0.041) 38.91 ng/ul m

response 932955

Ion	Exp%	Act%
127.00	100.00	100.00
129.00	31.80	31.67
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
 Data File : BN031260.D
 Acq On : 27 Apr 2024 01:44
 Operator : MA/JU
 Sample : P2184-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CORE5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/29/2024
 Supervised By :mohammad ahmed 04/29/2024

Quant Time: Apr 27 02:49:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 22:57:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	91444m	20.000	ng/ul	0.12
20) Naphthalene-d8	10.428	136	1072027m	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.275	164	649051	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.022	188	1218530	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	877628	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	866354	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	27908	14.259	ng/uL	0.00
4) Pyridine-d5	3.564	84	204347m	36.252	ng/ul	0.02
7) Phenol-d5	6.822	99	189218	24.529	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.057	67	747428m	166.539	ng/ul	0.09
11) 2-Chlorophenol-d4	7.187	132	592495	98.648	ng/ul	0.03
15) 4-Methylphenol-d8	8.363	113	334570	51.573	ng/ul	0.03
21) Nitrobenzene-d5	8.816	128	365959	47.512	ng/ul	0.04
24) 2-Nitrophenol-d4	9.516	143	398232	49.739	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.046	165	621370	39.354	ng/ul	0.02
31) 4-Chloroaniline-d4	10.598	131	695353	28.182	ng/ul	0.05
46) Dimethylphthalate-d6	13.692	166	2010605	44.516	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	2328648	45.498	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	71029	7.535	ng/ul	0.00
60) Fluorene-d10	15.269	176	1709459	43.477	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	272545	44.333	ng/ul	0.00
73) Anthracene-d10	17.122	188	2428318	45.977	ng/ul	0.00
81) Pyrene-d10	19.427	212	2488060	57.693	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1965068	47.832	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.181	88	2692	1.298	ng/uL#	62
8) Phenol	6.846	94	86292	10.850	ng/ul	96
12) 2-Chlorophenol	7.216	128	236078	37.814	ng/ul#	89
16) Acetophenone	8.493	105	26685	2.655	ng/ul	94
22) Nitrobenzene	8.857	77	21021	1.156	ng/ul	93
32) 4-Chloroaniline	10.610	127	932955m	38.915	ng/ul	
39) 1,2,4,5-Tetrachloroben...	12.445	216	136131	8.015	ng/ul	98
42) 2,4,5-Trichlorophenol	12.769	196	14701	1.173	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.057	216	197306	13.805	ng/uL	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031260.D
Acq On : 27 Apr 2024 01:44
Operator : MA/JU
Sample : P2184-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CORE5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/29/2024
Supervised By :mohammad ahmed 04/29/2024

Quant Time: Apr 27 02:49:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration

