

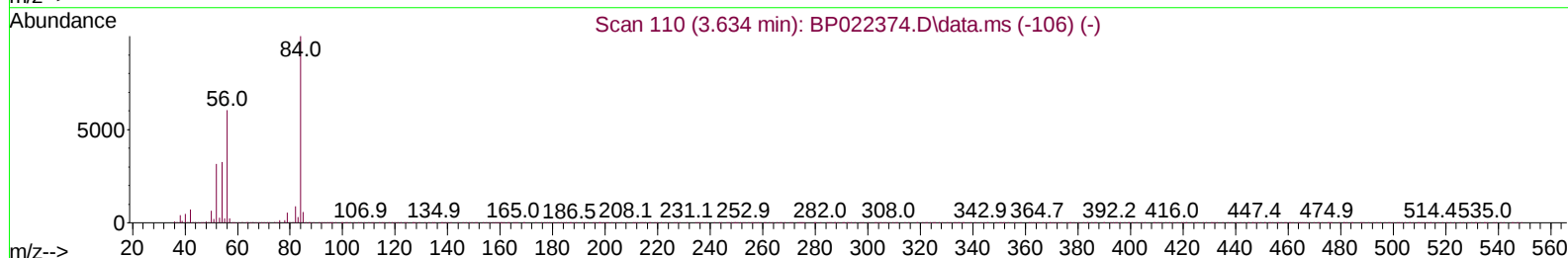
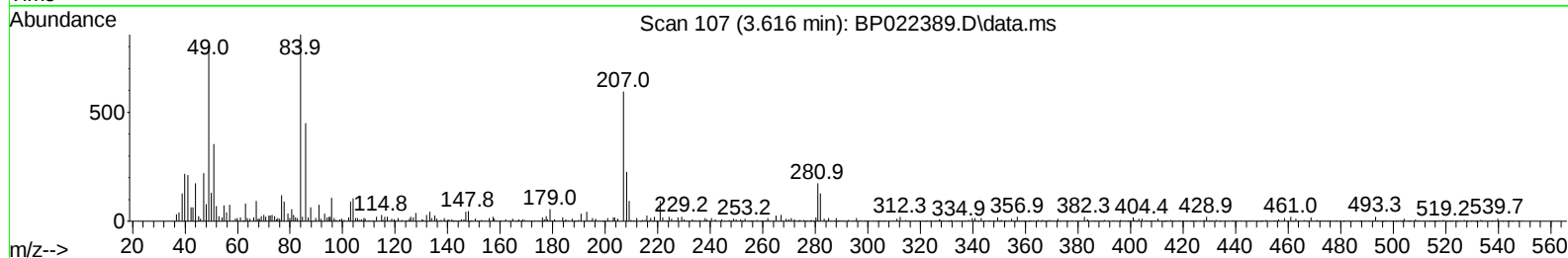
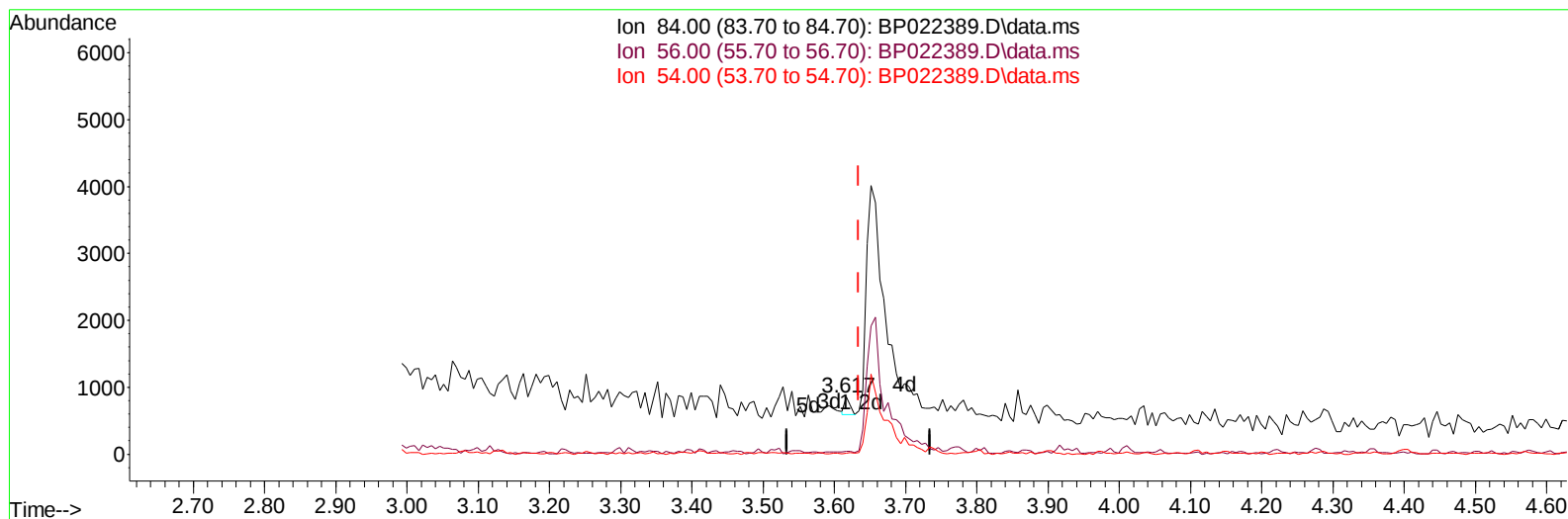
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022389.D
 Acq On : 15 Oct 2024 14:55
 Operator : RC/JU
 Sample : P4264-01DL2 20X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN5DL2

Manual IntegrationsAPPROVED

Quant Time: Oct 16 01:39:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024



TIC: BP022389.D\data.ms

(4) Pyridine-d5 (S)

3.616min (-0.018) 0.03 ng/u1

response 142

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.10	4.91#
54.00	30.90	2.11#
0.00	0.00	0.00

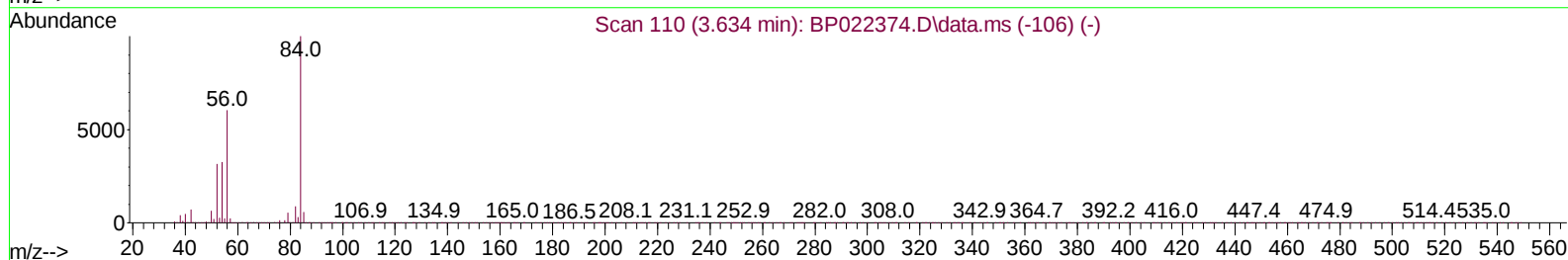
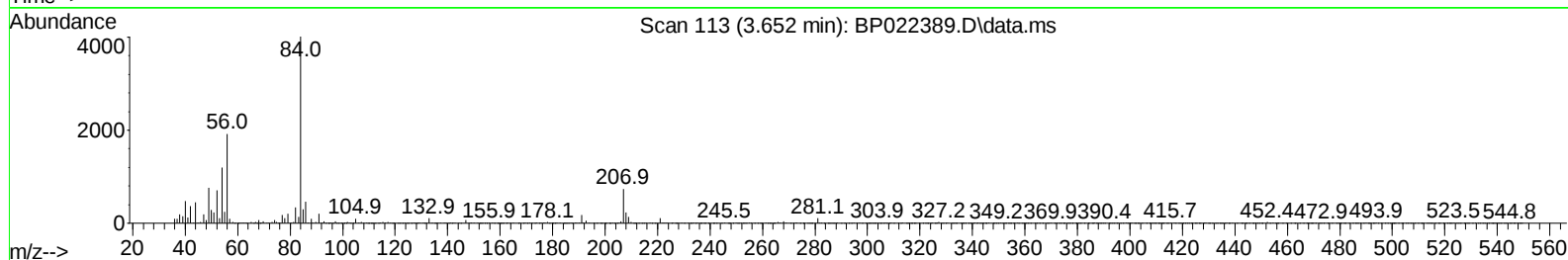
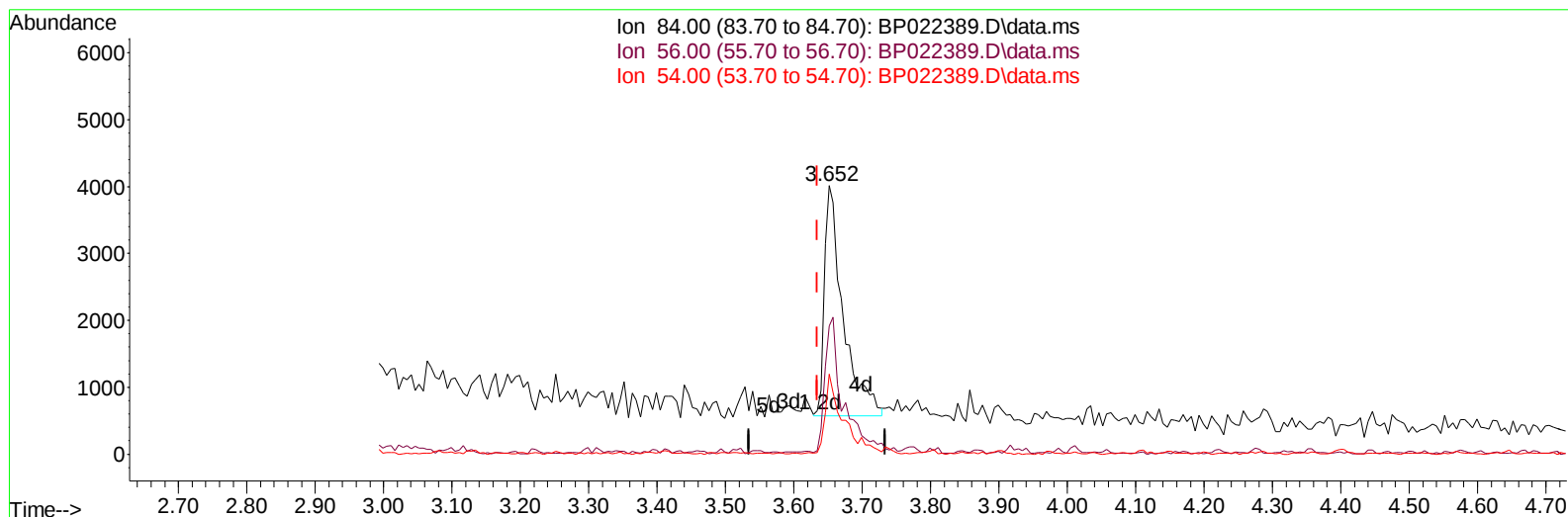
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TIC: BP022389.D\data.ms

(4) Pyridine-d5 (S)

3.652min (+ 0.018) 1.22 ng/ul m

response 6474

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.10	47.87#
54.00	30.90	29.89
0.00	0.00	0.00

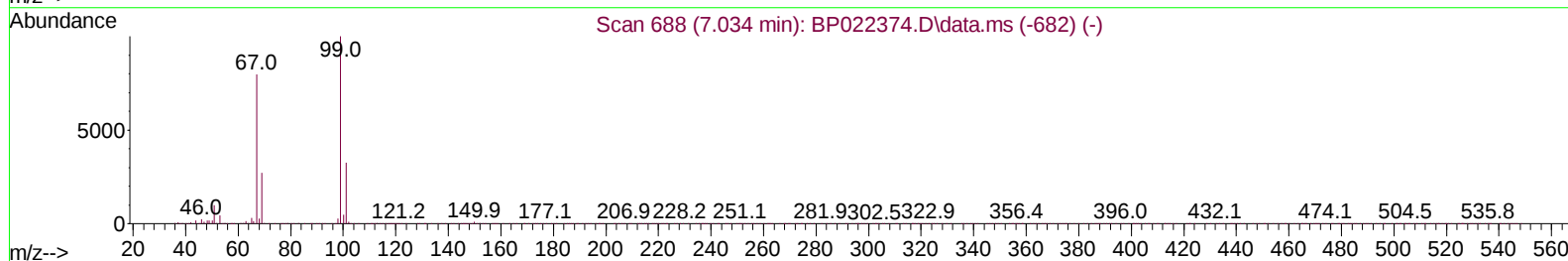
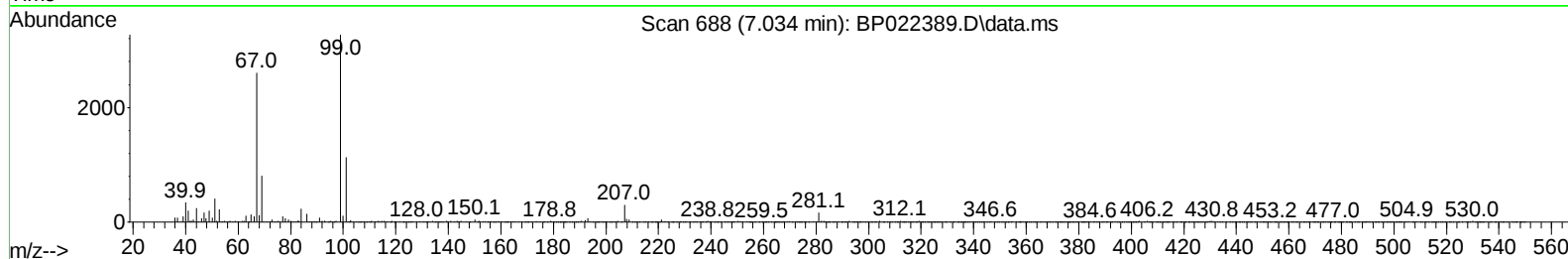
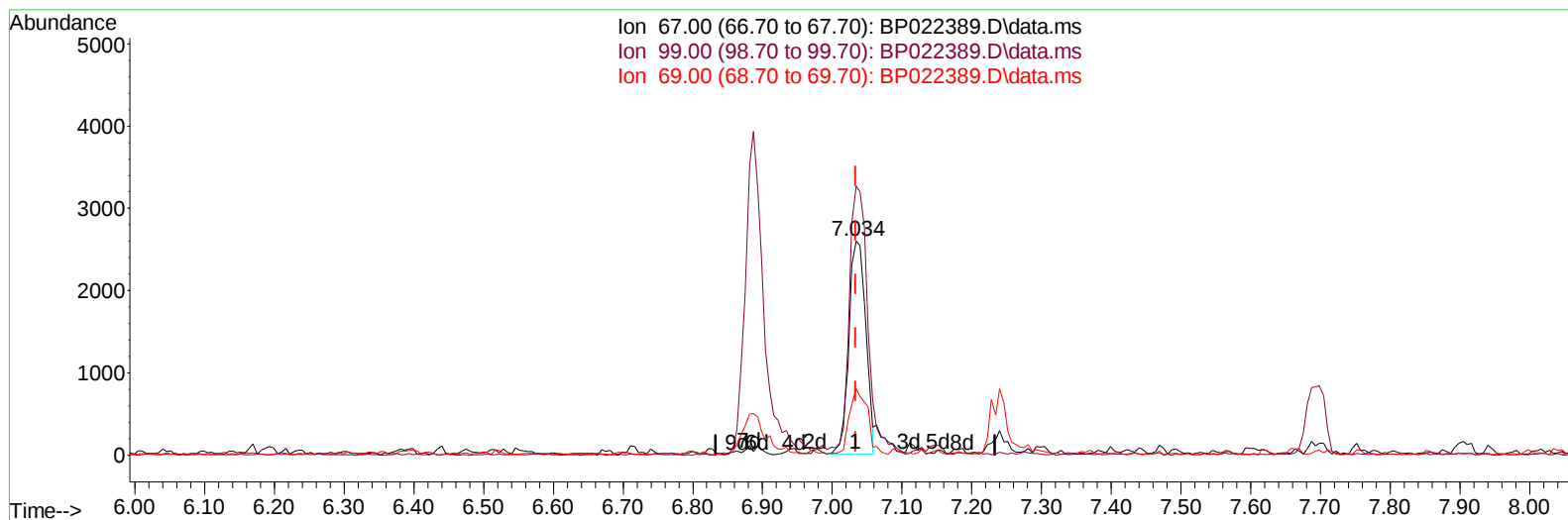
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
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Manual IntegrationsAPPROVED

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TIC: BP022389.D\data.ms

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

7.034min (+ 0.000) 1.17 ng/u1

response 4340

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.00	125.53
69.00	32.90	31.02
0.00	0.00	0.00

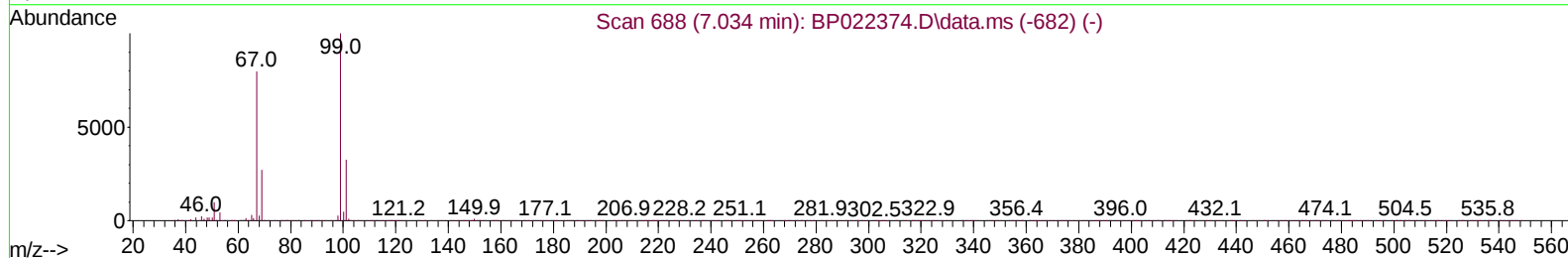
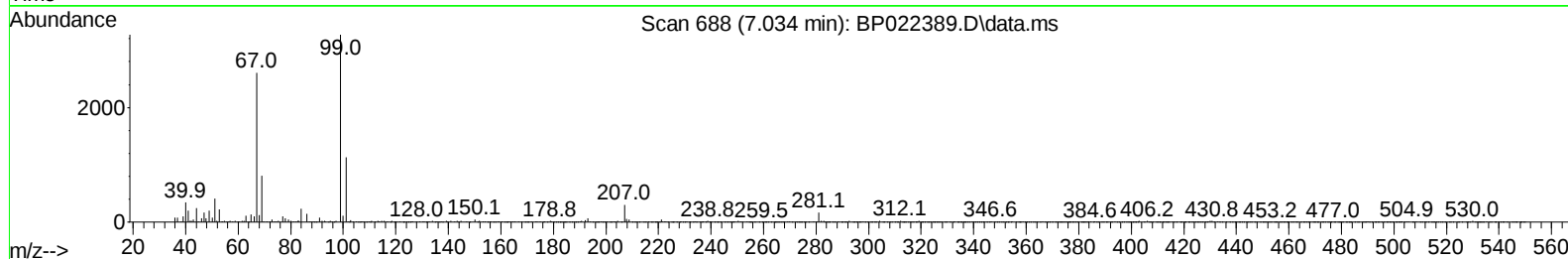
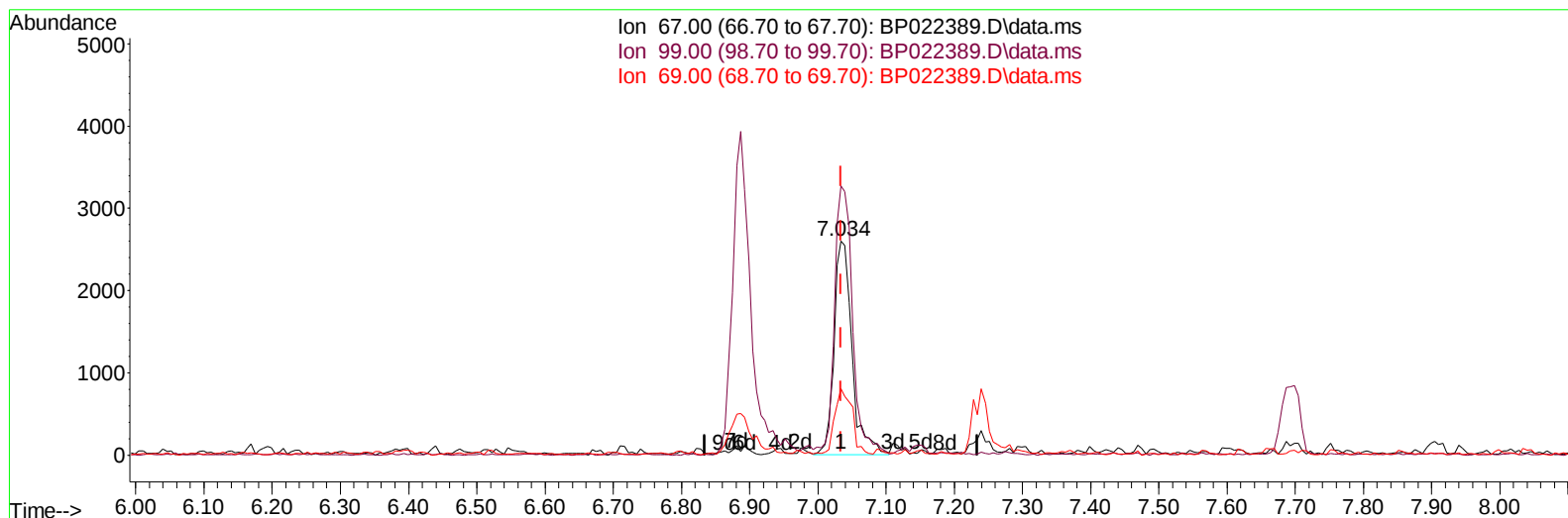
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 10/16/2024
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TIC: BP022389.D\data.ms

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

7.034min (+ 0.000) 1.30 ng/ul m

response 4817

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	117.00	125.53
69.00	32.90	31.02
0.00	0.00	0.00

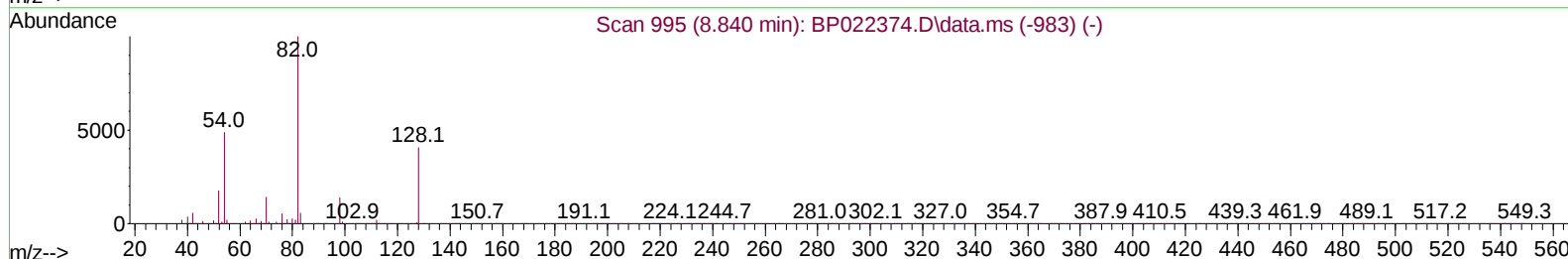
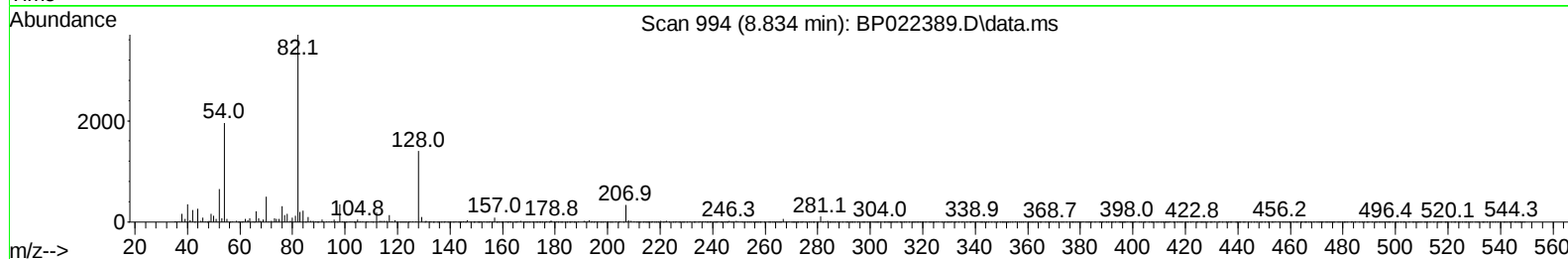
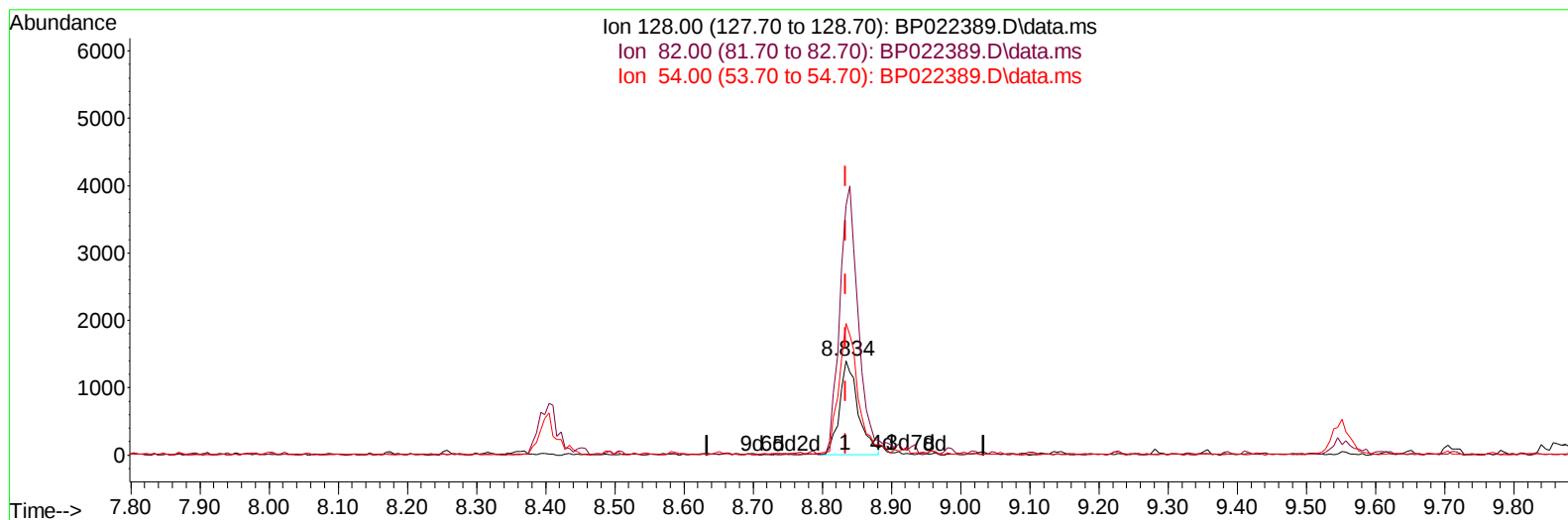
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

Manual IntegrationsAPPROVED

Quant Time: Oct 16 01:39:34 2024
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QLast Update : Mon Oct 14 11:01:55 2024
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Reviewed By :Yogesh Patel 10/16/2024
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TIC: BP022389.D\data.ms

(21) Nitrobenzene-d5 (S)

8.834min (0.000) 1.21 ng/u1

response 2617

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	288.70	264.29
54.00	137.80	139.36
0.00	0.00	0.00

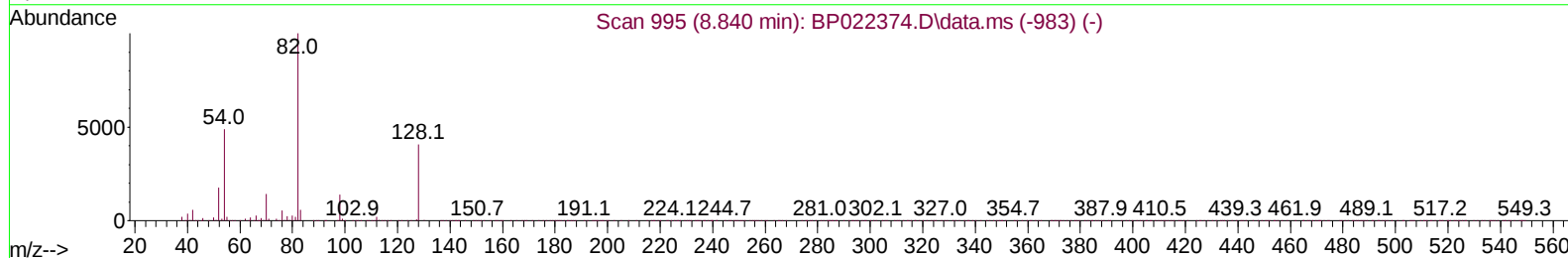
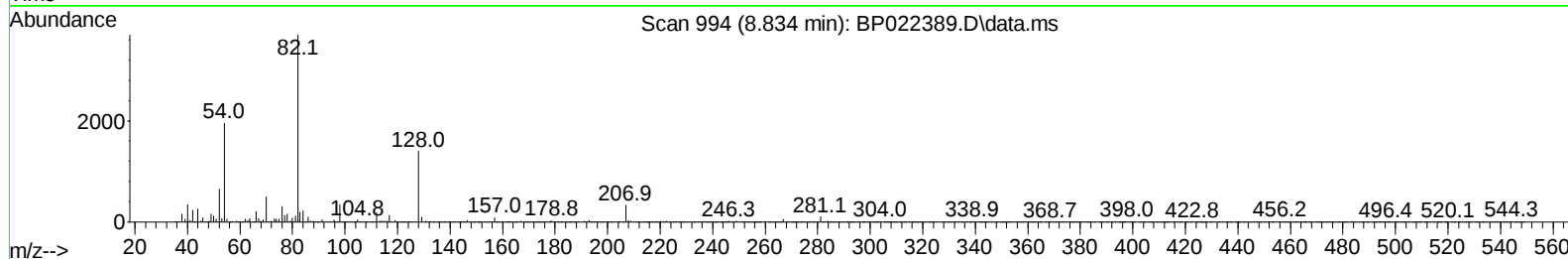
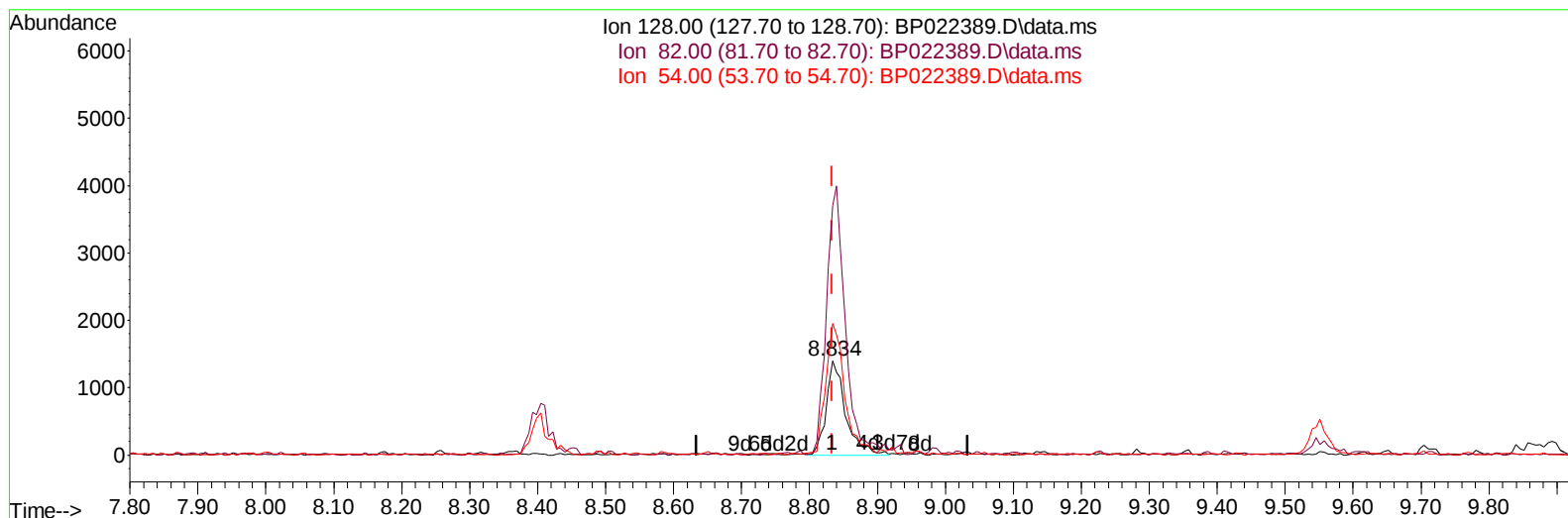
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

Manual IntegrationsAPPROVED

Quant Time: Oct 16 01:39:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024



TIC: BP022389.D\data.ms

(21) Nitrobenzene-d5 (S)

8.834min (0.000) 1.28 ng/ul m

response 2769

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	288.70	264.29
54.00	137.80	139.36
0.00	0.00	0.00

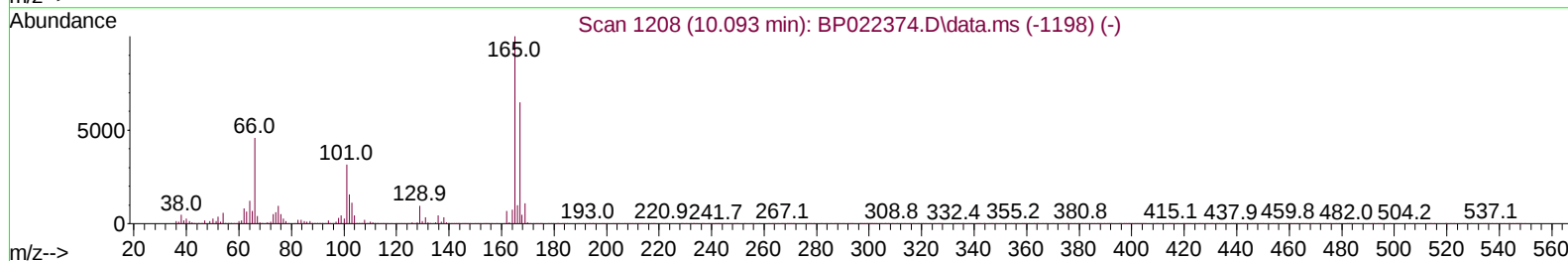
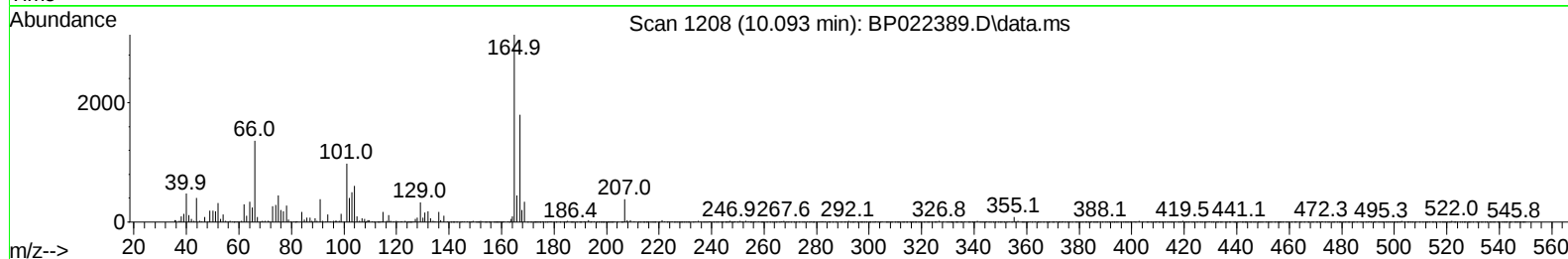
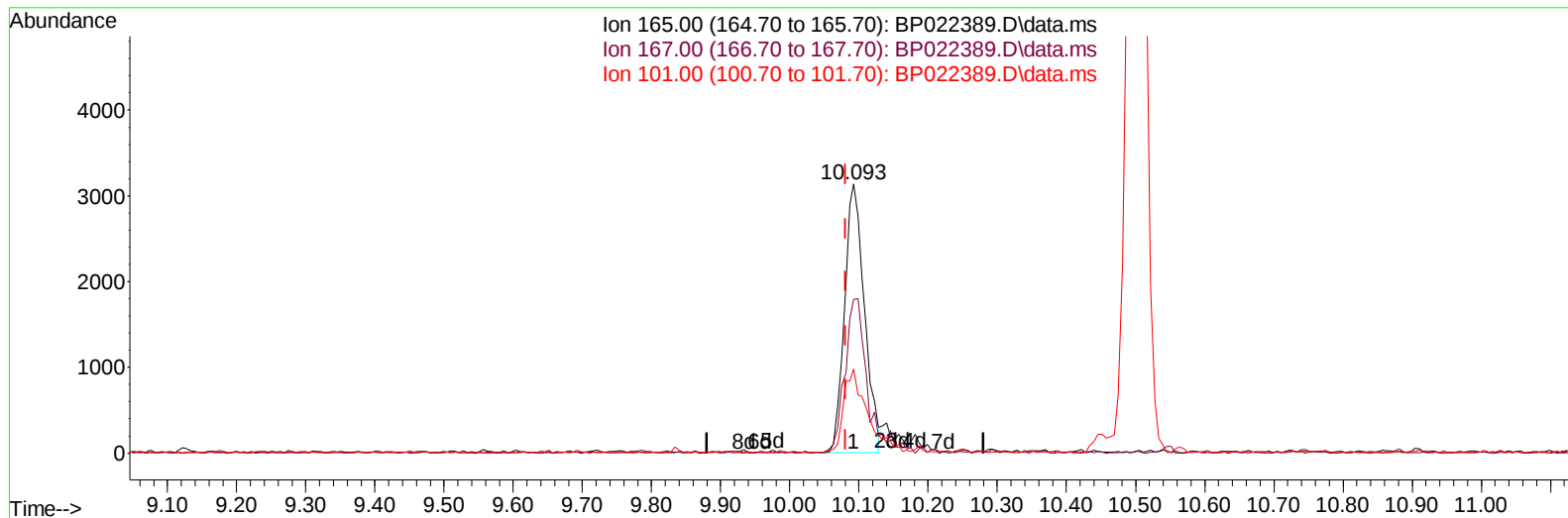
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 16 01:39:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration



TIC: BP022389.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.093min (+ 0.012) 1.17 ng/u1

response 6267

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.10	63.58
101.00	32.30	31.35
0.00	0.00	0.00

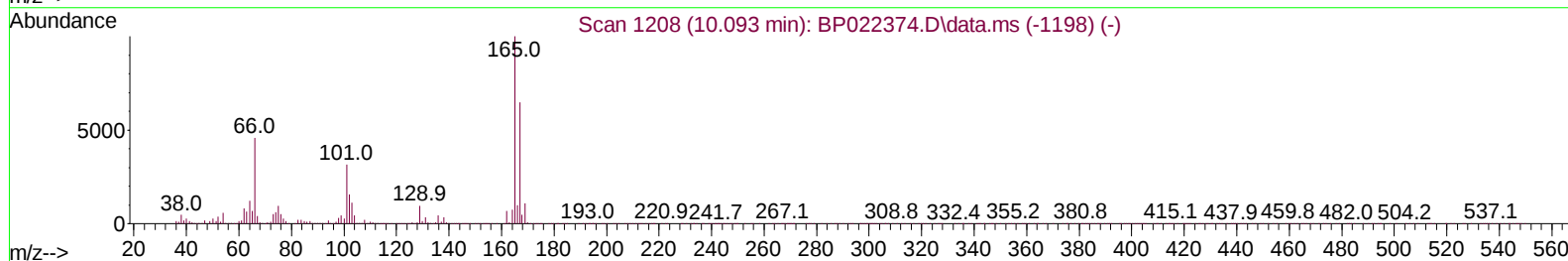
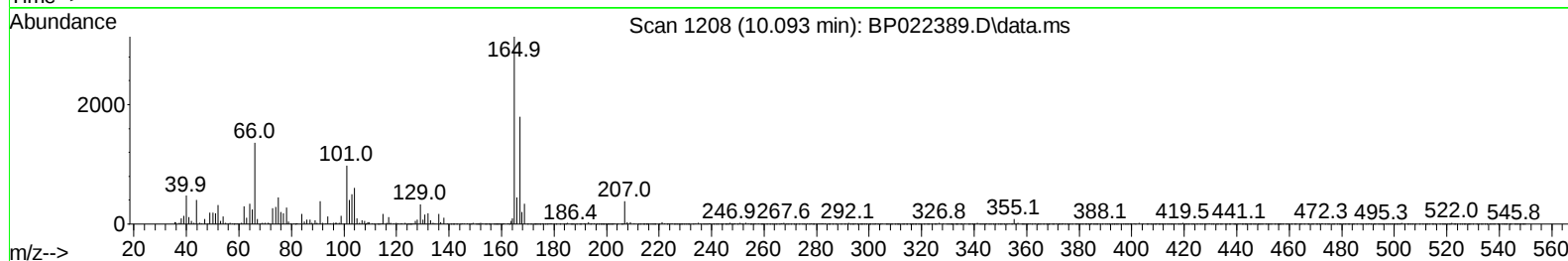
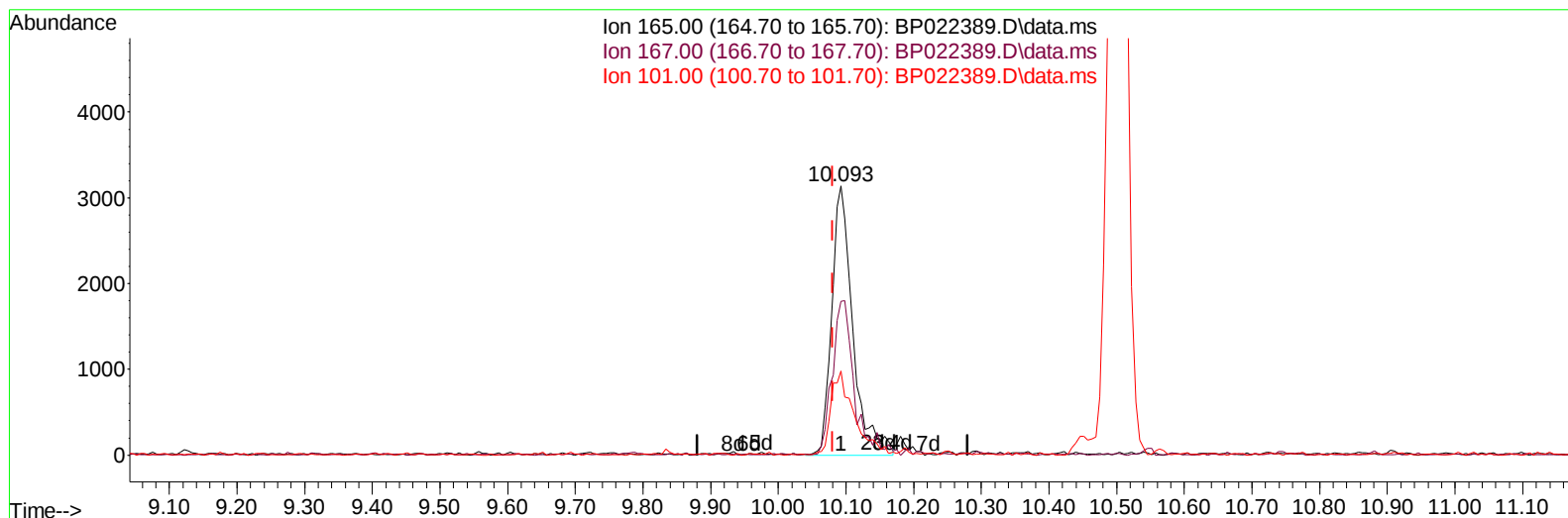
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 Data File : BP022389.D
 Acq On : 15 Oct 2024 14:55
 Operator : RC/JU
 Sample : P4264-01DL2 20X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN5DL2

Manual IntegrationsAPPROVED

Quant Time: Oct 16 01:39:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024



TIC: BP022389.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.093min (+ 0.012) 1.27 ng/ul m

response 6806

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.10	57.14
101.00	32.30	31.35
0.00	0.00	0.00

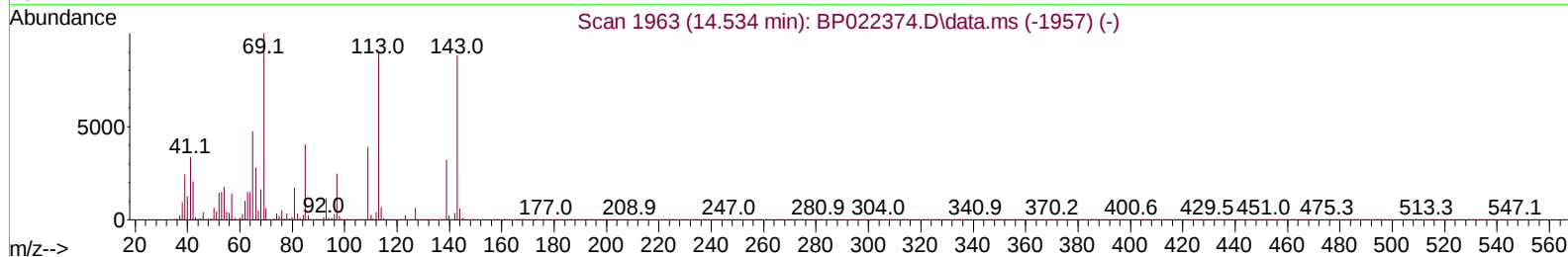
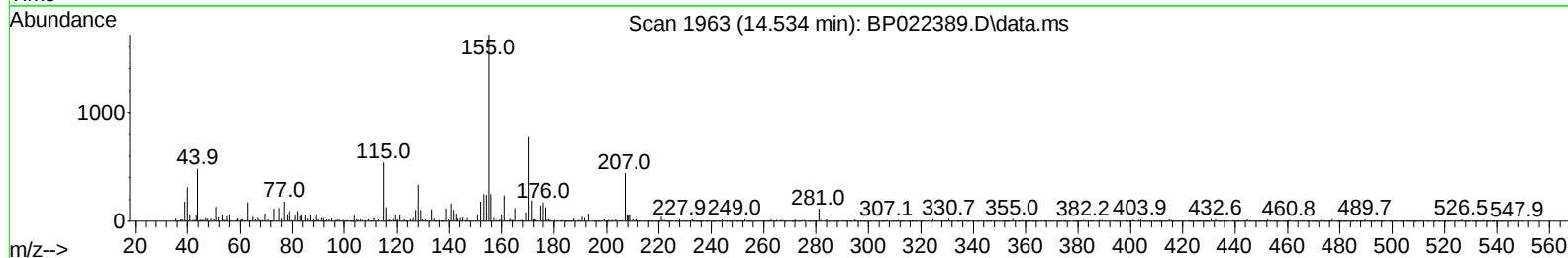
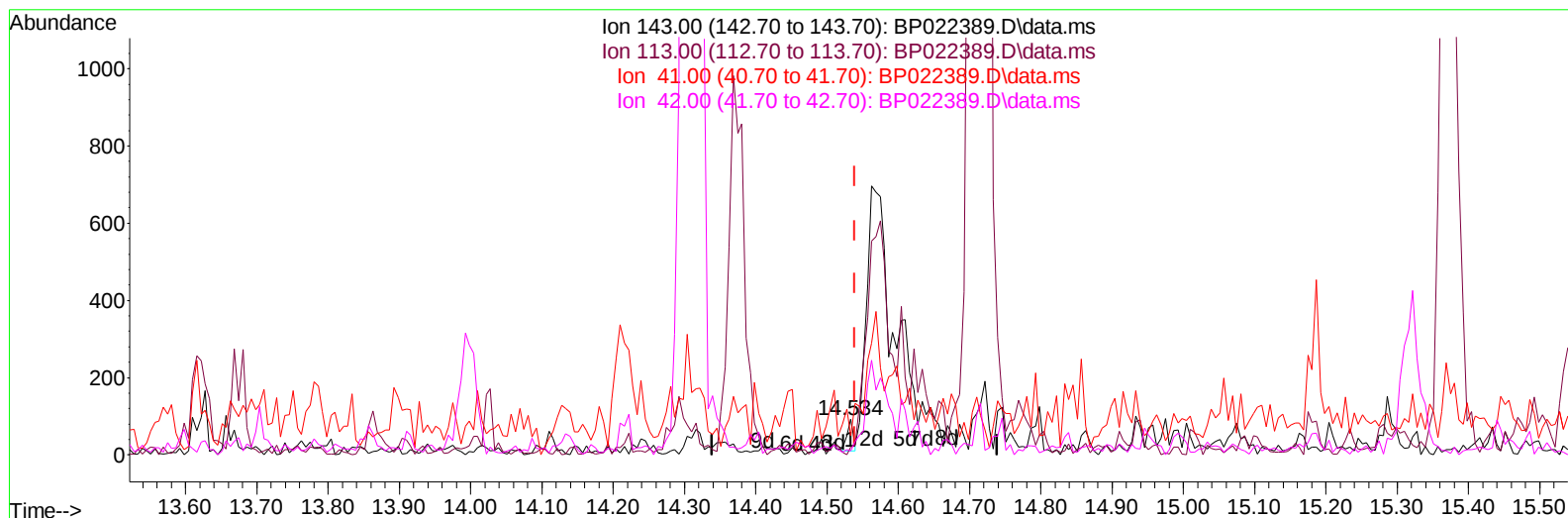
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Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

Manual IntegrationsAPPROVED

Quant Time: Oct 16 01:44:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/16/2024
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TIC: BP022389.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.534min (-0.006) 0.02 ng/u1

response 48

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	21.74#
41.00	35.90	54.35#
42.00	23.70	11.96#

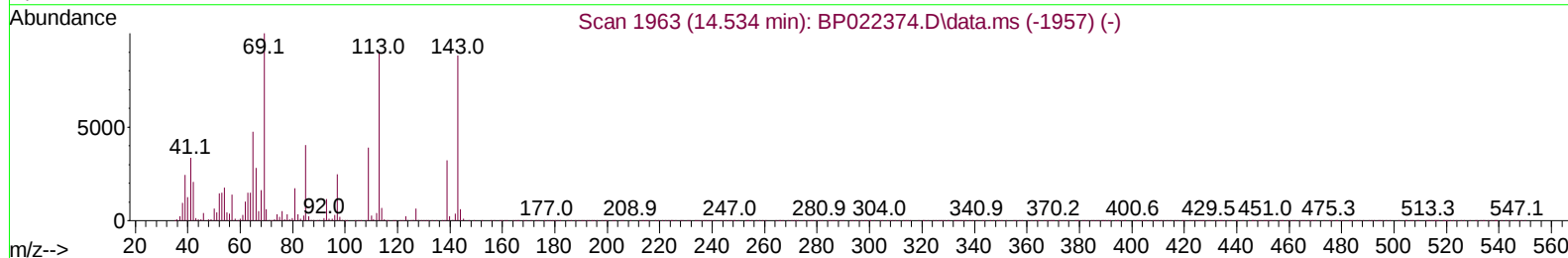
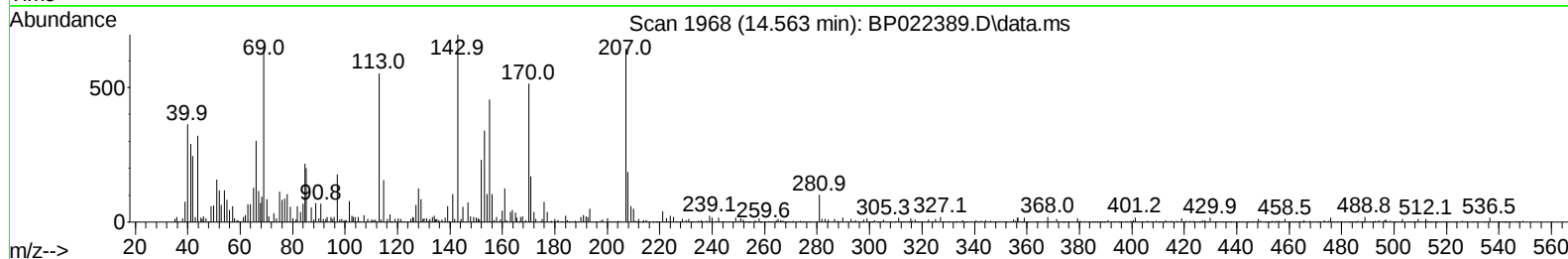
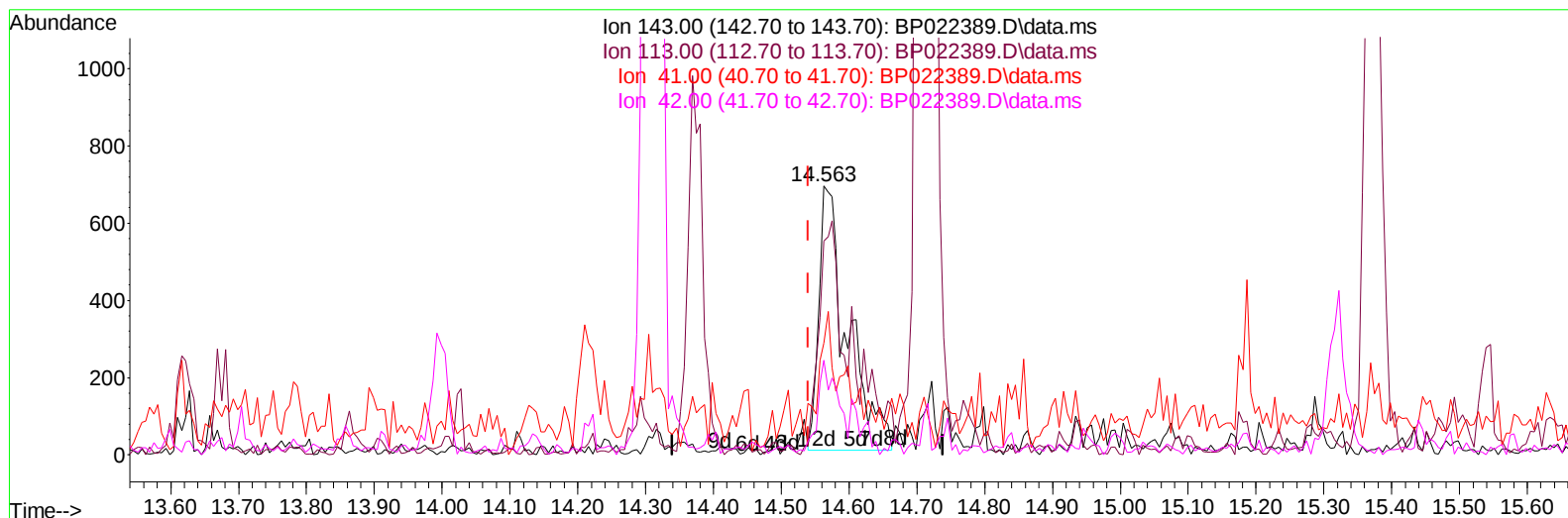
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Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Oct 16 01:44:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
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TIC: BP022389.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.563min (+ 0.024) 0.66 ng/ul m

response 1998

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	79.45
41.00	35.90	41.67
42.00	23.70	35.20#

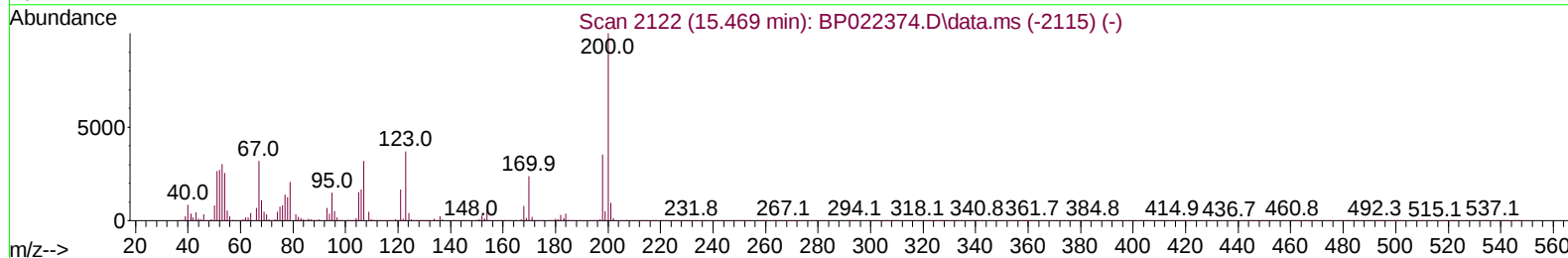
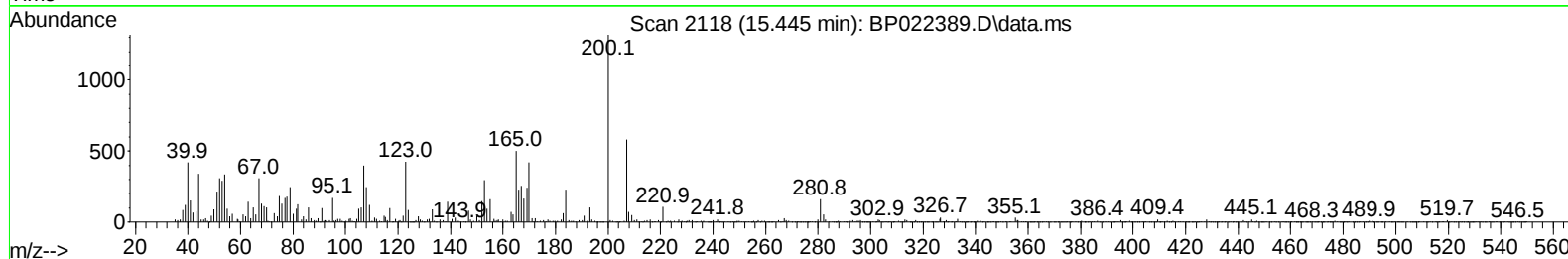
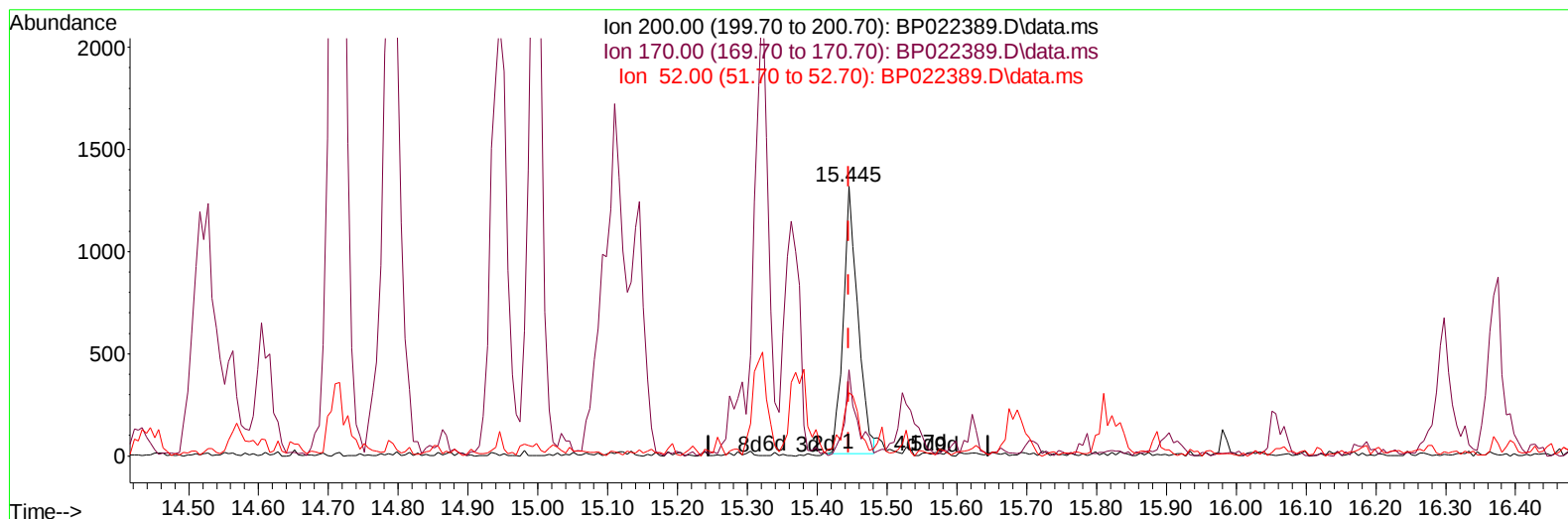
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP022389.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.445min (0.000) 0.49 ng/u1

response 1883

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.00	31.92#
52.00	36.60	23.43#
0.00	0.00	0.00

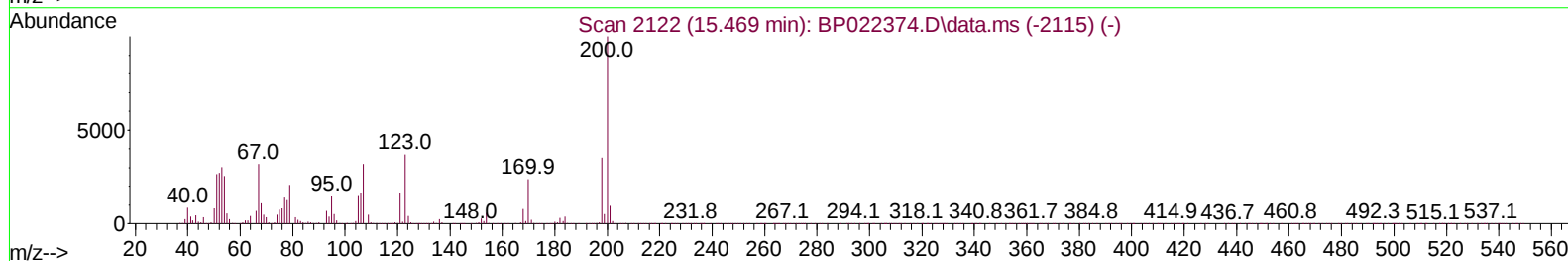
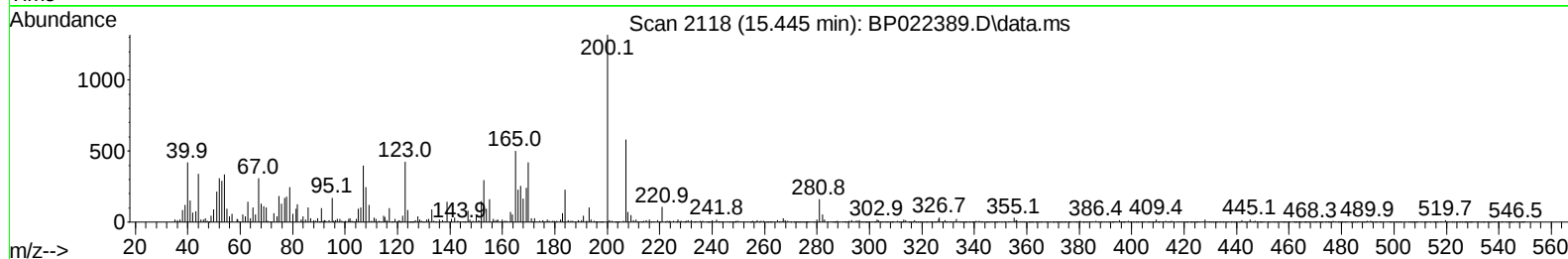
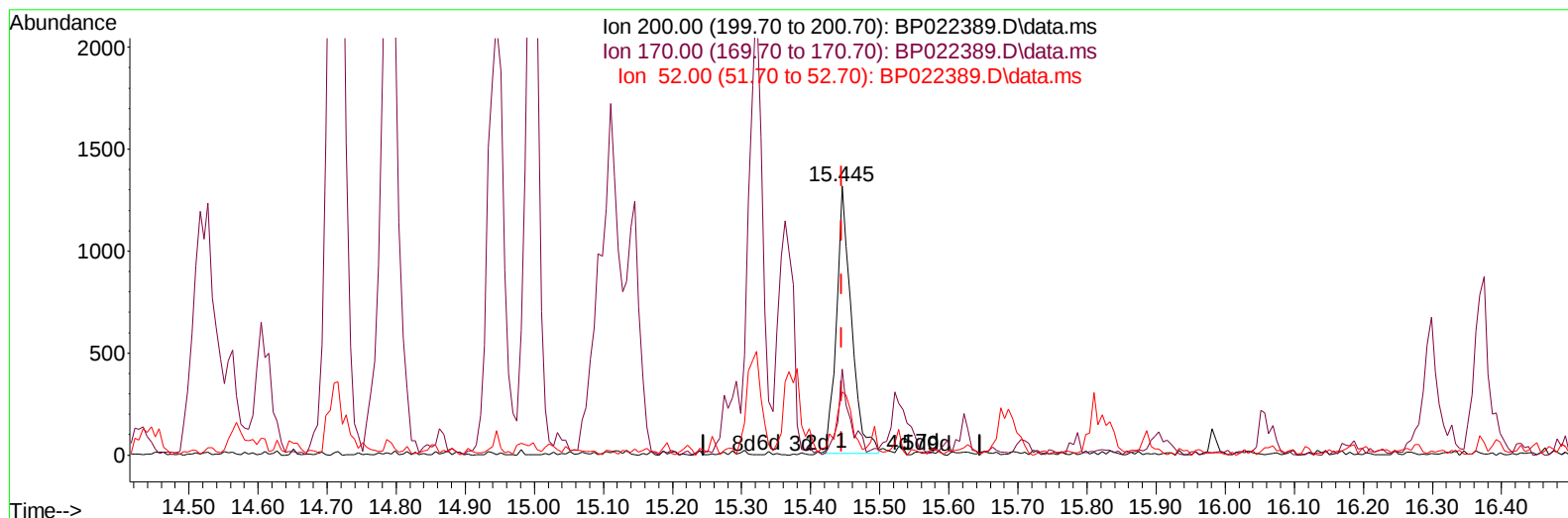
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
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Instrument :
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 ClientSampleId :
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Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024



TIC: BP022389.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.445min (0.000) 0.51 ng/ul m

response 1959

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.00	31.92#
52.00	36.60	23.43#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
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 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN5DL2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 16 01:46:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	74935	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	282190	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	225870	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	586439	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	744172	20.000	ng/ul	0.00
88) Perylene-d12	24.833	264	892464	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	449	0.233	ng/uL	0.00
4) Pyridine-d5	3.652	84	6474m	1.223	ng/ul	0.02
7) Phenol-d5	6.887	99	7198	1.141	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	4817m	1.299	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	5737	1.282	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	5574	1.107	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	2769m	1.276	ng/ul	0.00
24) 2-Nitrophenol-d4	9.546	143	3206	1.276	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	6806m	1.275	ng/ul	0.01
31) 4-Chloroaniline-d4	10.604	131	7498	1.189	ng/ul	0.02
46) Dimethylphthalate-d6	13.710	166	23691	1.320	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	24847	1.304	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	1998m	0.664	ng/ul	0.02
60) Fluorene-d10	15.322	176	22358	1.436	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	1959m	0.508	ng/ul	0.00
73) Anthracene-d10	17.204	188	38259	1.387	ng/ul	0.00
81) Pyrene-d10	19.592	212	54732	1.391	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.615	264	67605	1.418	ng/ul	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.504	128	663745	44.161	ng/ul	98
36) 2-Methylnaphthalene	12.110	142	131165	11.888	ng/ul	100
37) 1-Methylnaphthalene	12.328	142	61647	5.474	ng/ul	97
52) Acenaphthene	14.375	153	137757	9.848	ng/ul	99
61) Fluorene	15.375	166	151888	8.872	ng/ul	96
71) Pentachlorophenol	16.763	266	8417	1.504	ng/ul	96
72) Phenanthrene	17.145	178	858081	27.349	ng/ul	99
74) Anthracene	17.239	178	90390	2.887	ng/ul	99
80) Fluoranthene	19.251	202	523720	11.576	ng/ul	98
82) Pyrene	19.622	202	351533	7.250	ng/ul	97
85) Benzo(a)anthracene	21.527	228	100134	1.919	ng/ul	98
87) Chrysene	21.586	228	84023	1.737	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022389.D
Acq On : 15 Oct 2024 14:55
Operator : RC/JU
Sample : P4264-01DL2 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCYN5DL2

Manual IntegrationsAPPROVED

Quant Time: Oct 16 01:46:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/22/2024

