

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021421.D
 Acq On : 07 Aug 2024 15:36
 Operator : CG/JU
 Sample : P3329-04DL2 30X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

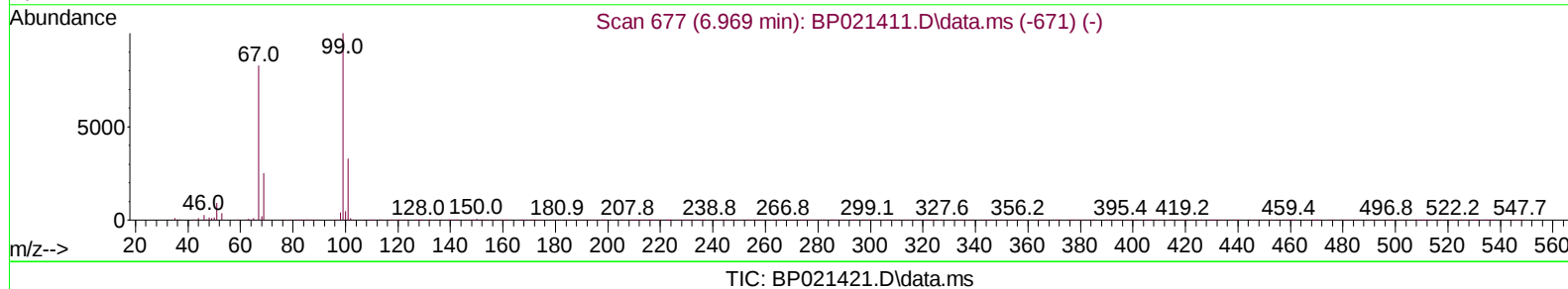
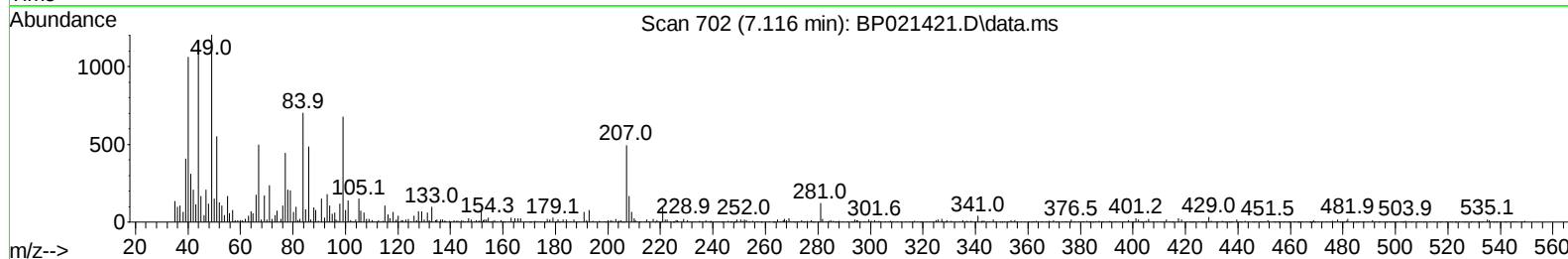
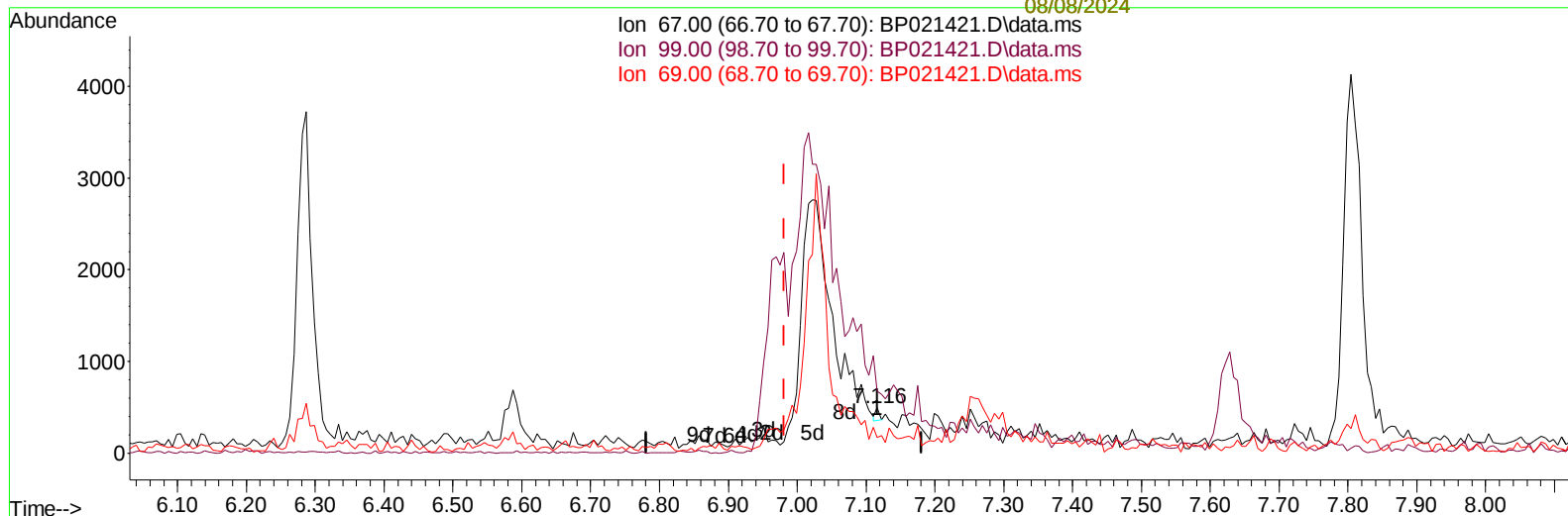
Instrument :
 BNA_P
 ClientSampleId :
 F7E03DL2

Manual IntegrationsAPPROVED

Quant Time: Aug 07 16:03:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

Supervised By :mohammad
 ahmed
 08/08/2024



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

7.116min (+ 0.136) 0.01 ng/u1

response	51
Ion	Exp% Act%
67.00	100.00 100.00
99.00	122.50 136.22
69.00	30.60 34.21
0.00	0.00 0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
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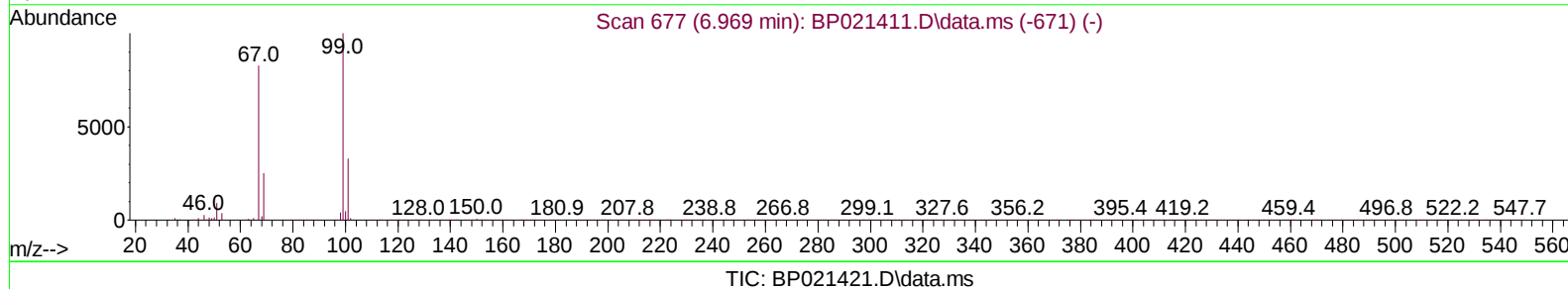
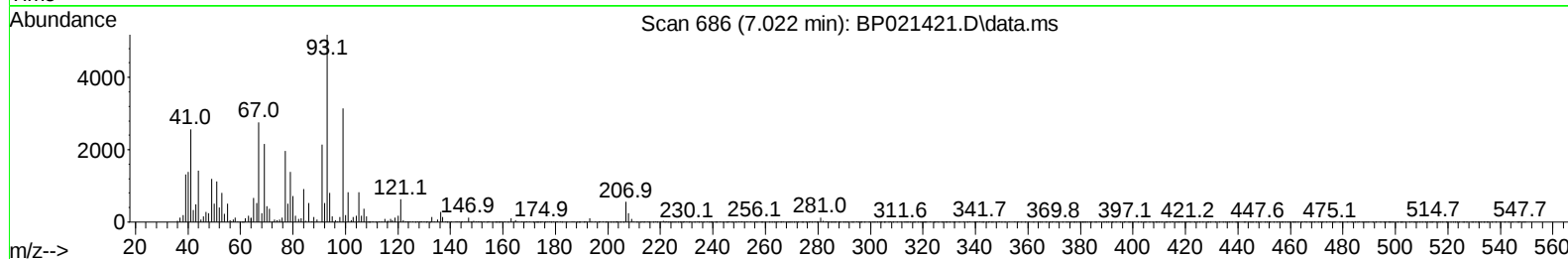
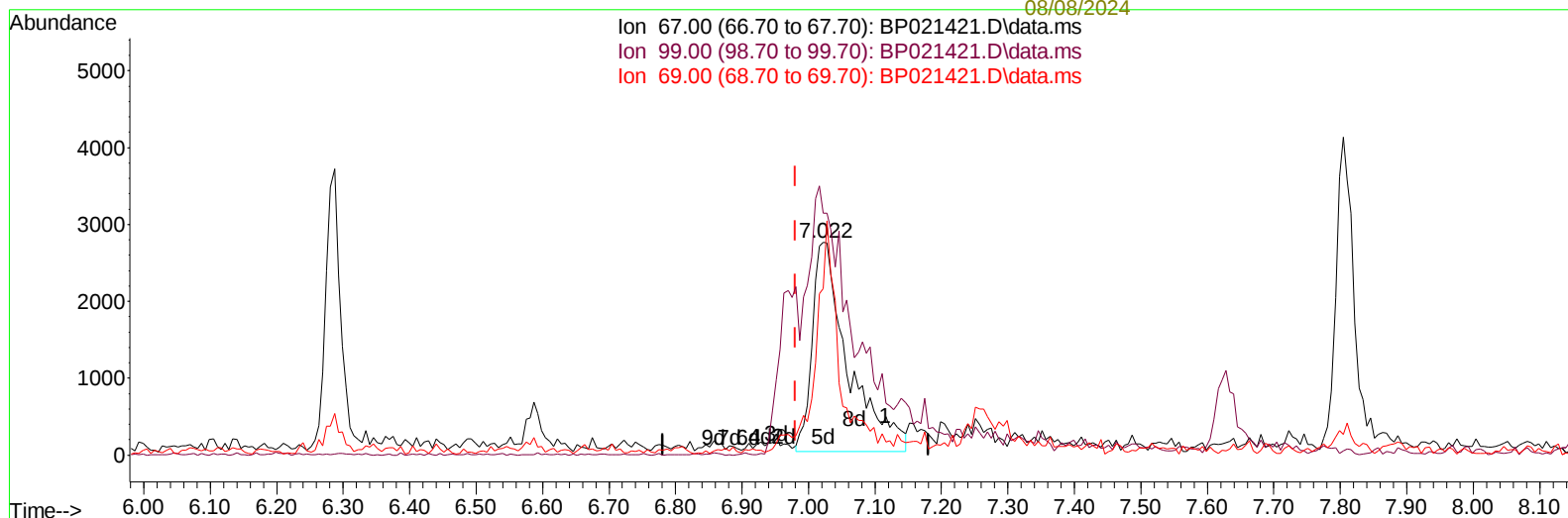
Instrument :
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 ClientSampleId :
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(9) Bis-(2-Chloroethyl)ether-d8 (S)

7.022min (+ 0.041) 1.40 ng/ul m

response 10280

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	122.50	113.93
69.00	30.60	78.36#
0.00	0.00	0.00

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Acq On : 07 Aug 2024 15:36
Operator : CG/JU
Sample : P3329-04DL2 30X
Misc :
ALS Vial : 12 Sample Multiplier: 1

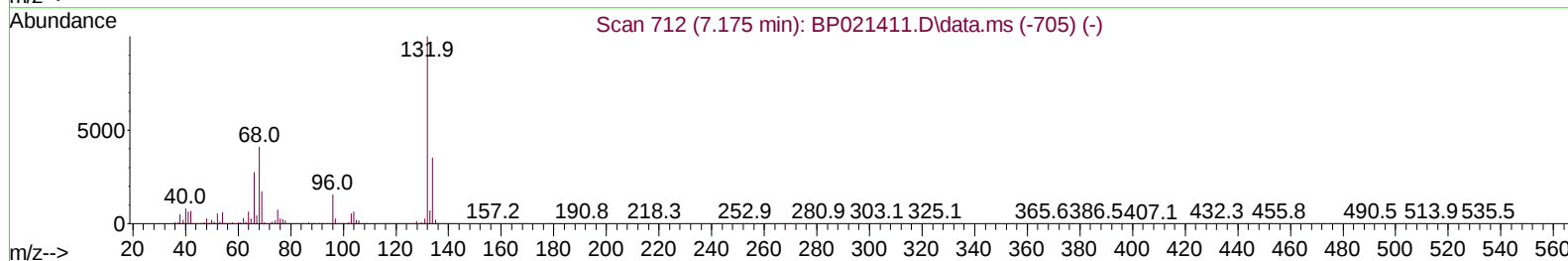
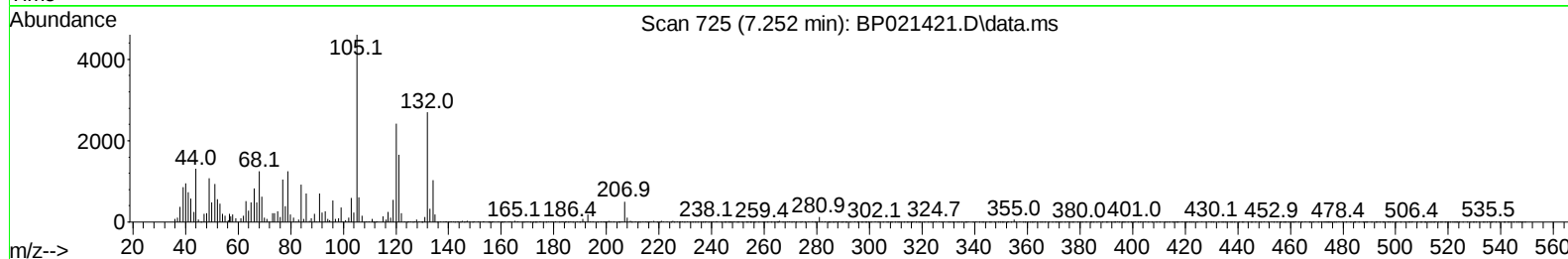
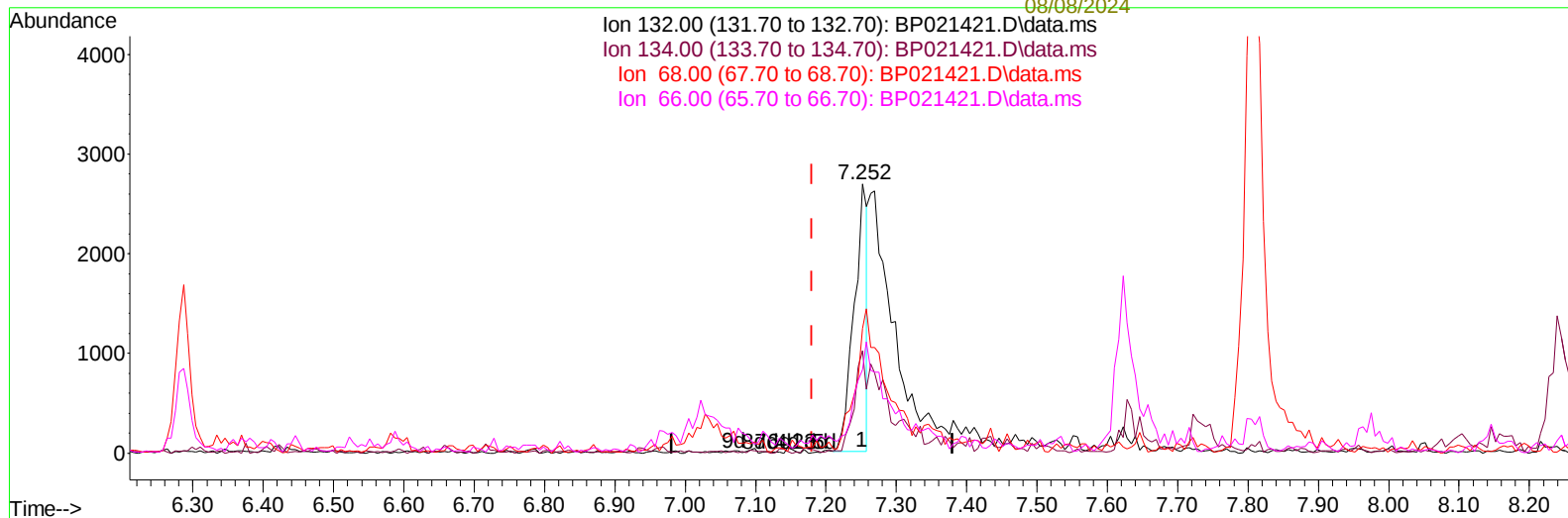
Instrument :
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ClientSampleId :
F7E03DL2

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TIC: BP021421.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.252min (+ 0.071) 0.35 ng/u1

response 3527

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	32.30	38.18
68.00	39.60	46.26
66.00	27.60	30.95

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021421.D
Acq On : 07 Aug 2024 15:36
Operator : CG/JU
Sample : P3329-04DL2 30X
Misc :
ALS Vial : 12 Sample Multiplier: 1

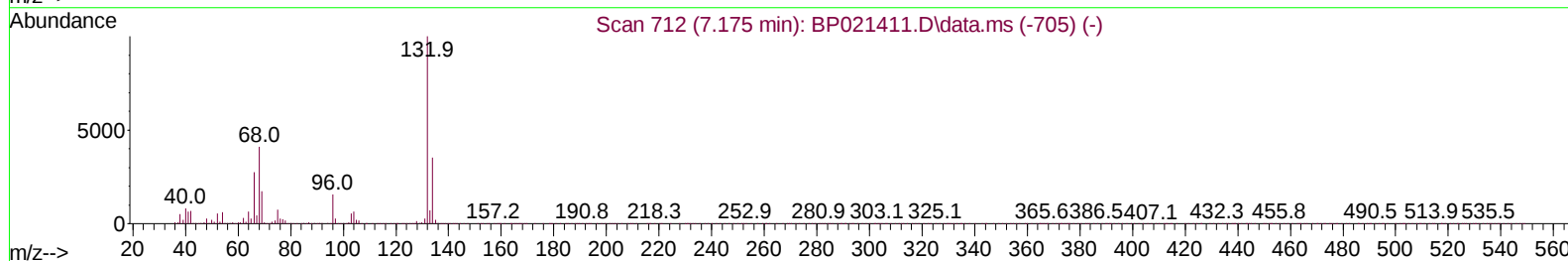
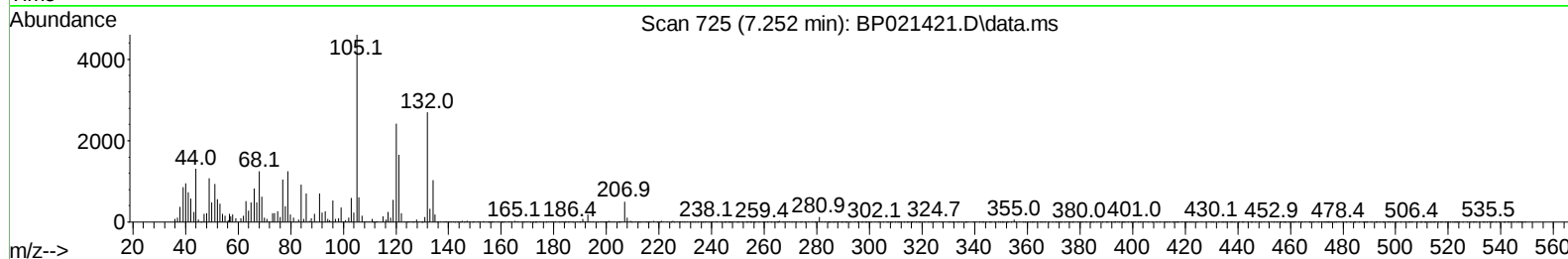
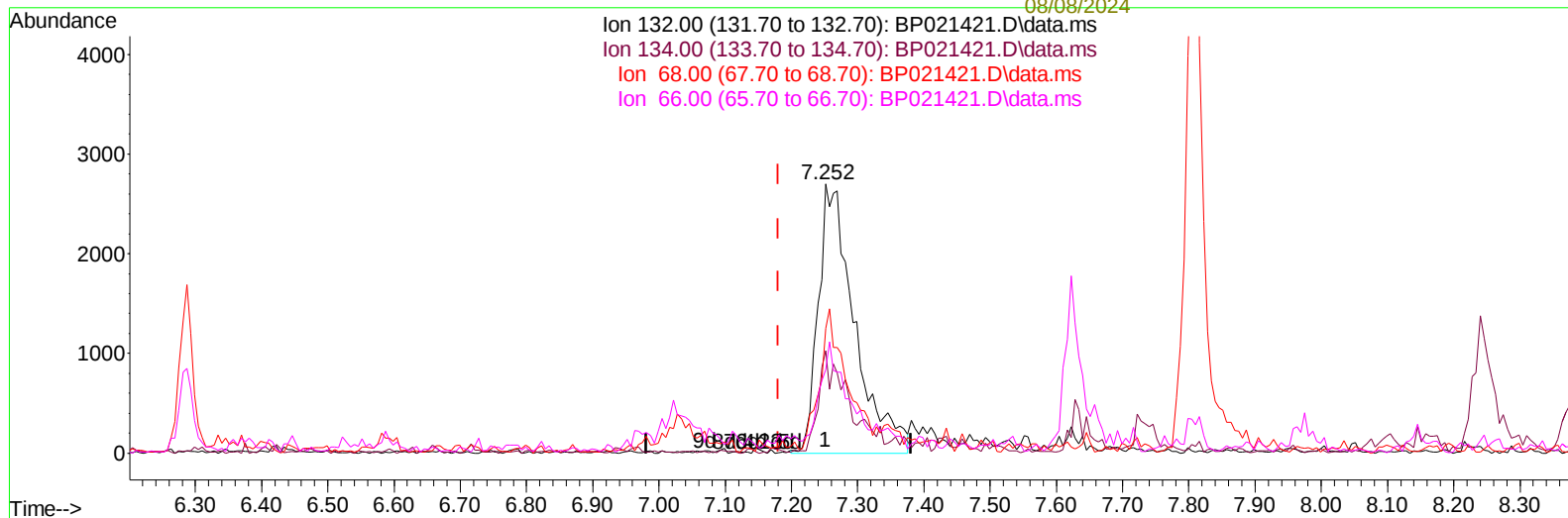
Instrument :
BNA_P
ClientSampleId :
F7E03DL2

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Reviewed By :Yogesh Patel 08/08/2024
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Supervised By :mohammad
ahmed
08/08/2024



TIC: BP021421.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.252min (+ 0.071) 1.03 ng/ul m

response 10246

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	32.30	38.18
68.00	39.60	46.26
66.00	27.60	30.95

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
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Acq On : 07 Aug 2024 15:36
Operator : CG/JU
Sample : P3329-04DL2 30X
Misc :
ALS Vial : 12 Sample Multiplier: 1

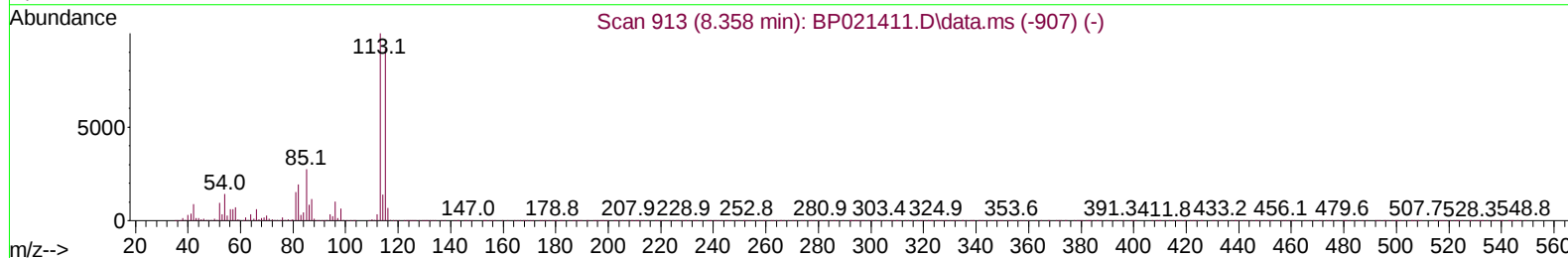
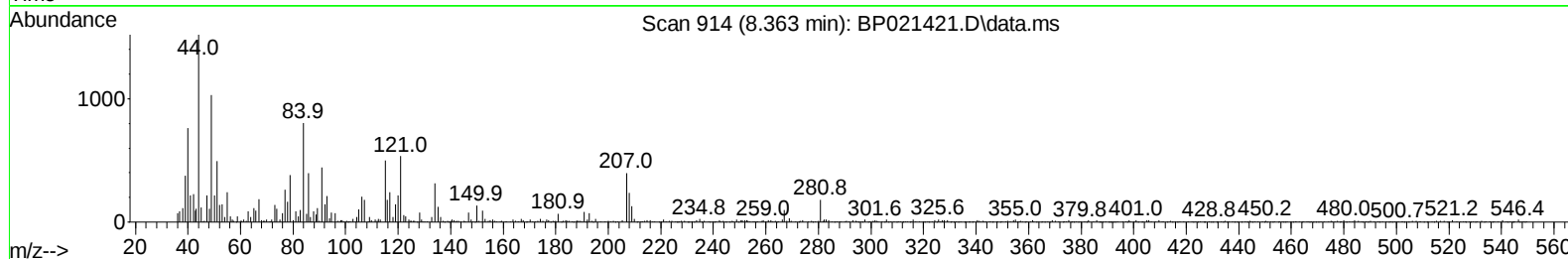
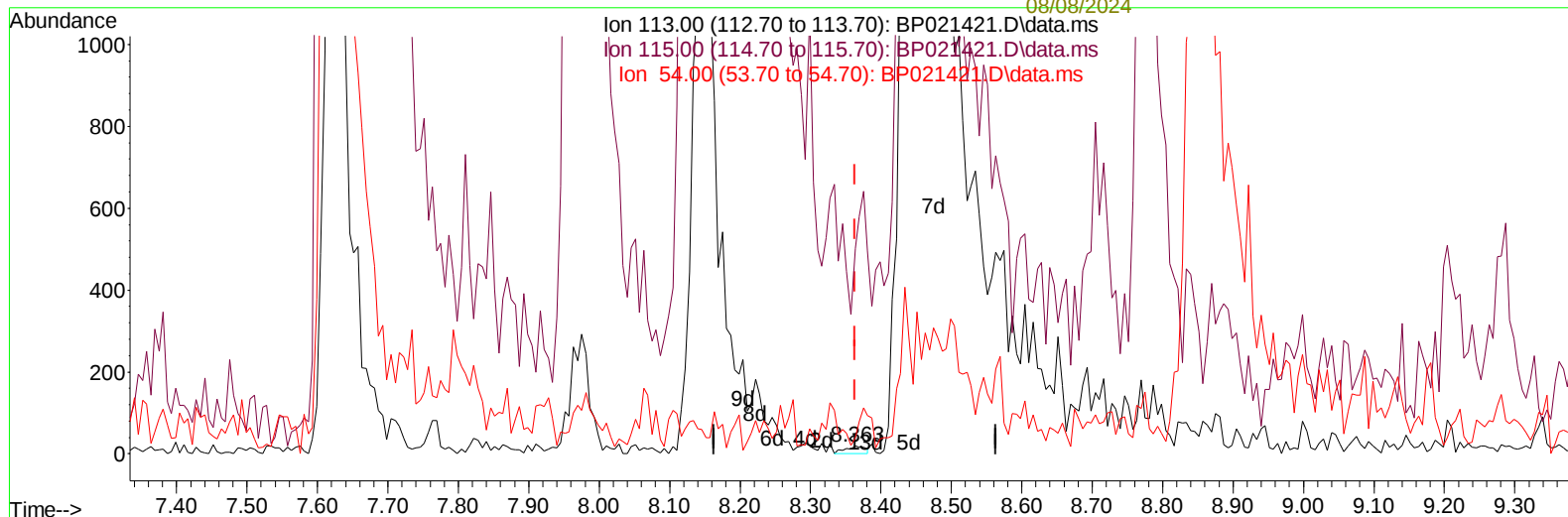
Instrument :
BNA_P
ClientSampleId :
F7E03DL2

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TIC: BP021421.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.363min (+ 0.000) 0.00 ng/u1

response 37

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	93.20	2642.11#
54.00	13.70	210.53#
0.00	0.00	0.00

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 Data File : BP021421.D
 Acq On : 07 Aug 2024 15:36
 Operator : CG/JU
 Sample : P3329-04DL2 30X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

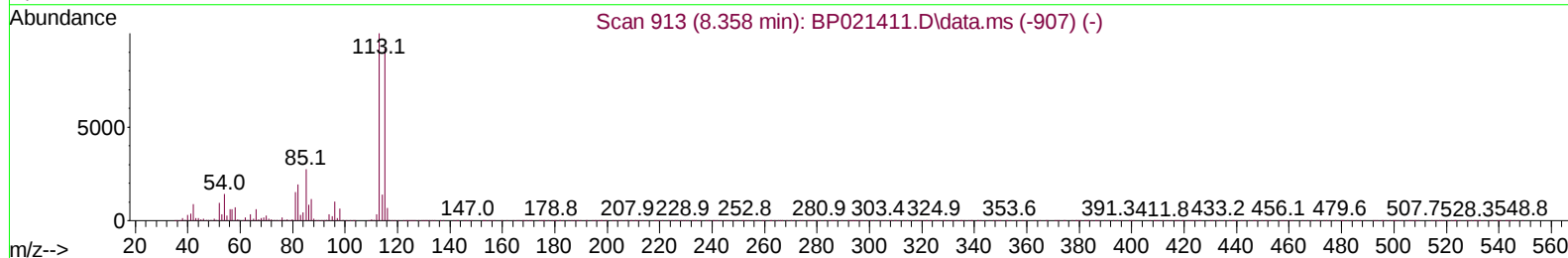
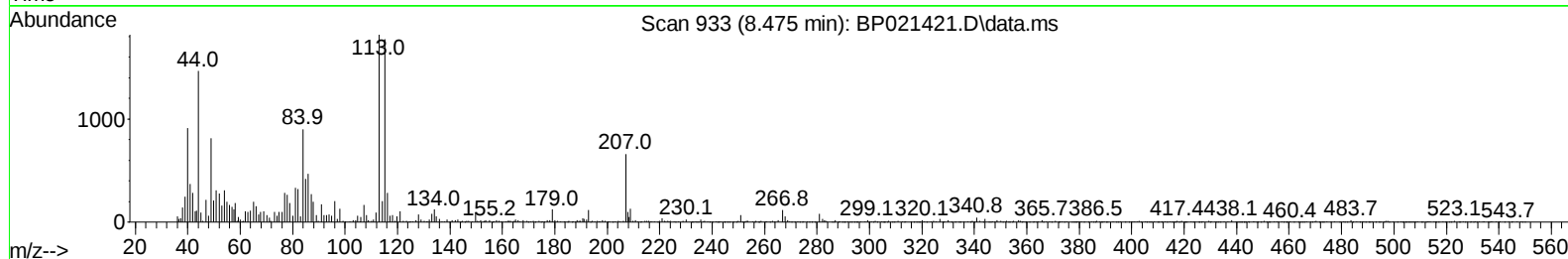
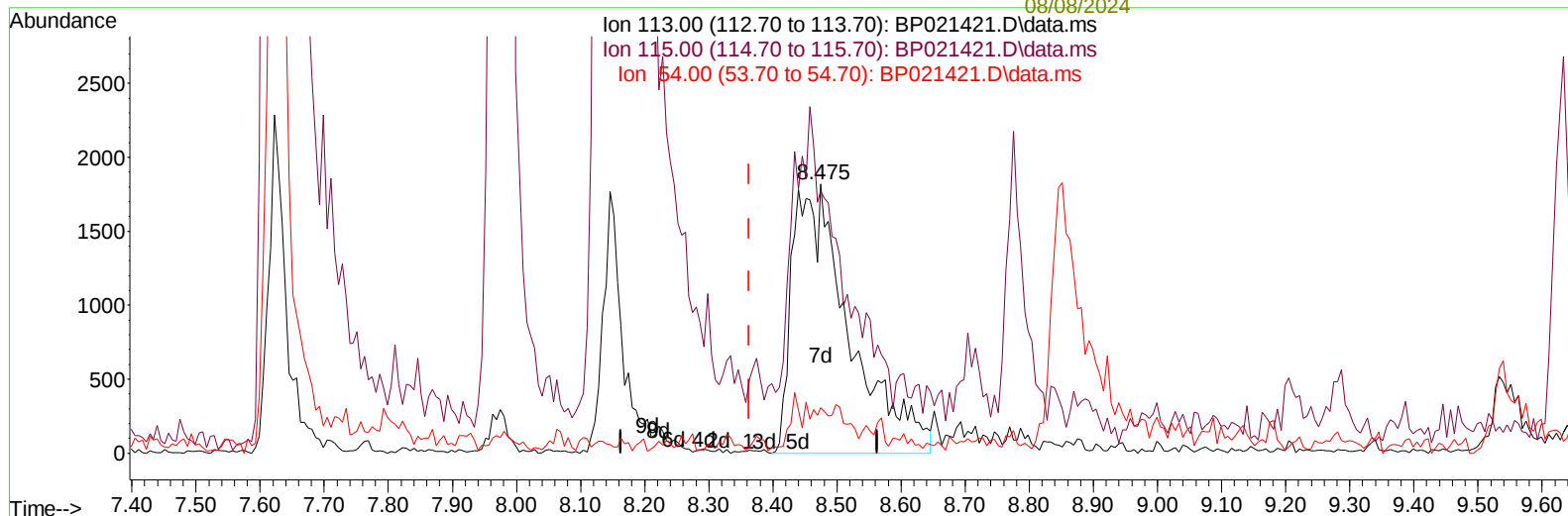
Instrument :
 BNA_P
 ClientSampleId :
 F7E03DL2

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 Supervised By :mohammad ahmed 08/09/2024

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 Quant Title : SVOA CALIBRATION
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Supervised By :mohammad
 ahmed
 08/08/2024



TIC: BP021421.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.475min (+ 0.112) 1.12 ng/u1 m

response 11267

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	93.20	97.52
54.00	13.70	16.94#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021421.D
 Acq On : 07 Aug 2024 15:36
 Operator : CG/JU
 Sample : P3329-04DL2 30X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E03DL2

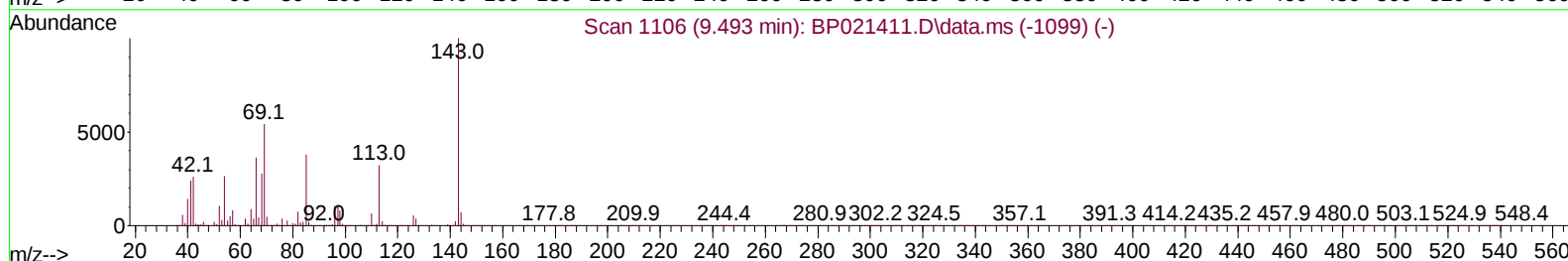
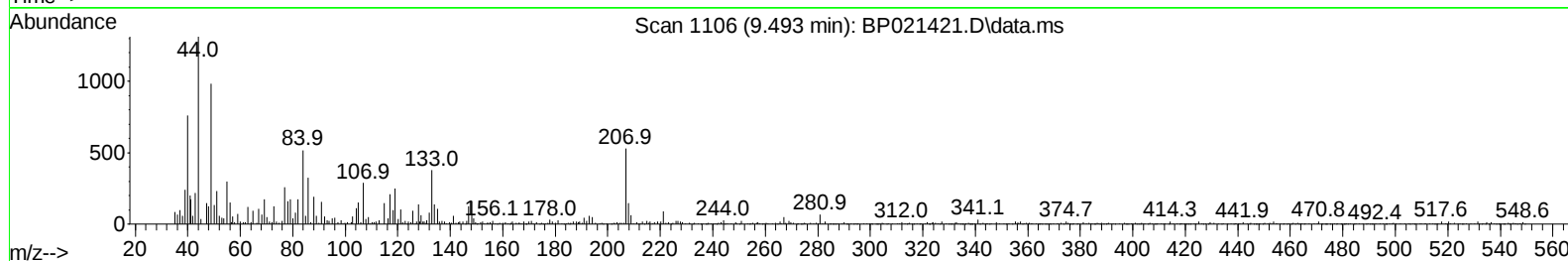
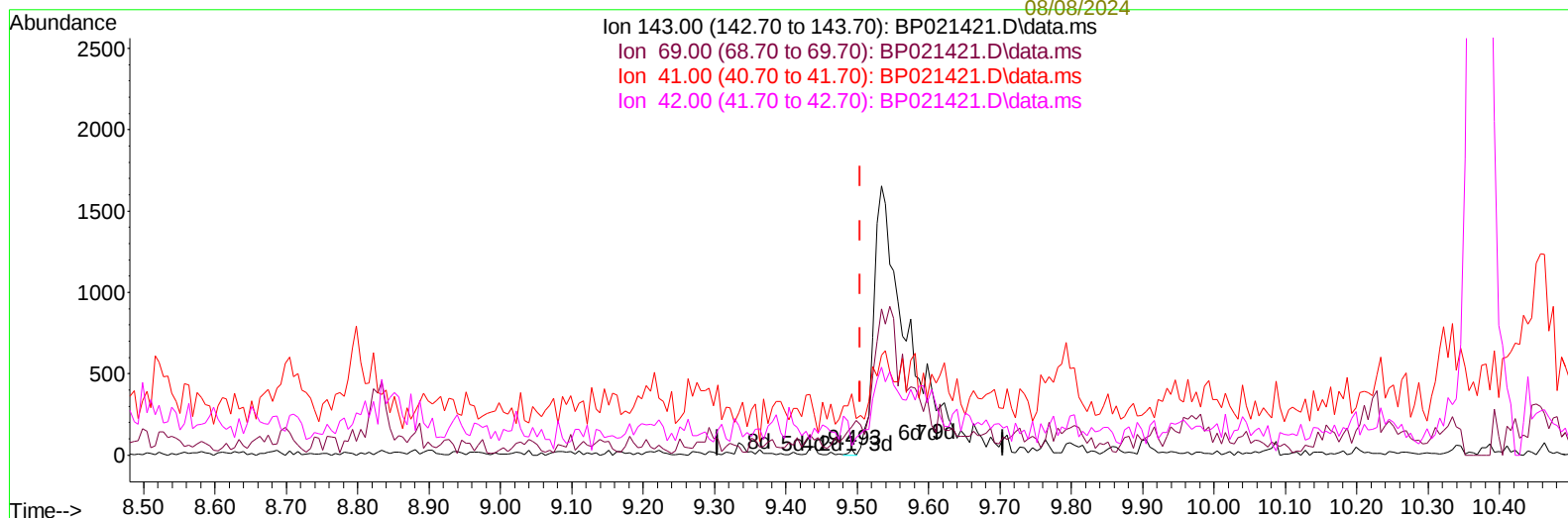
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 ahmed
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Ion 143.00 (142.70 to 143.70): BP021421.D\data.ms
 Ion 69.00 (68.70 to 69.70): BP021421.D\data.ms
 Ion 41.00 (40.70 to 41.70): BP021421.D\data.ms
 Ion 42.00 (41.70 to 42.70): BP021421.D\data.ms



TIC: BP021421.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.493min (-0.011) 0.00 ng/u1

response 15

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	50.20	546.88#
41.00	22.70	1175.00#
42.00	22.10	181.25#

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Acq On : 07 Aug 2024 15:36
Operator : CG/JU
Sample : P3329-04DL2 30X
Misc :
ALS Vial : 12 Sample Multiplier: 1

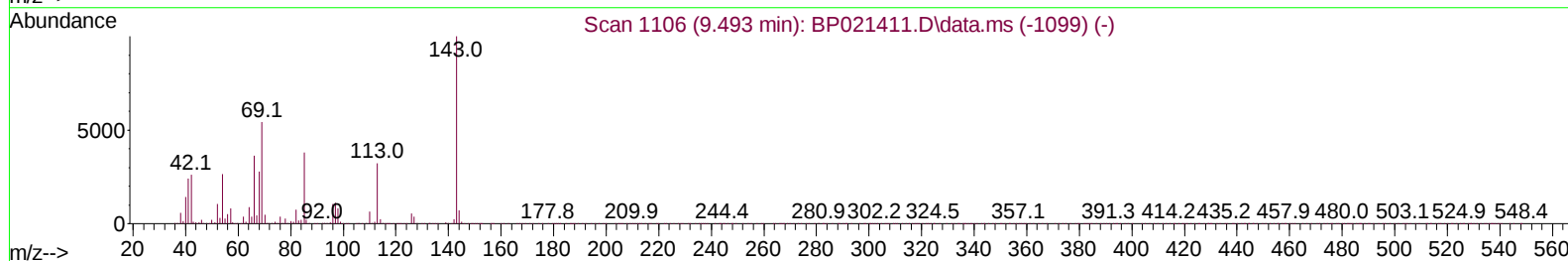
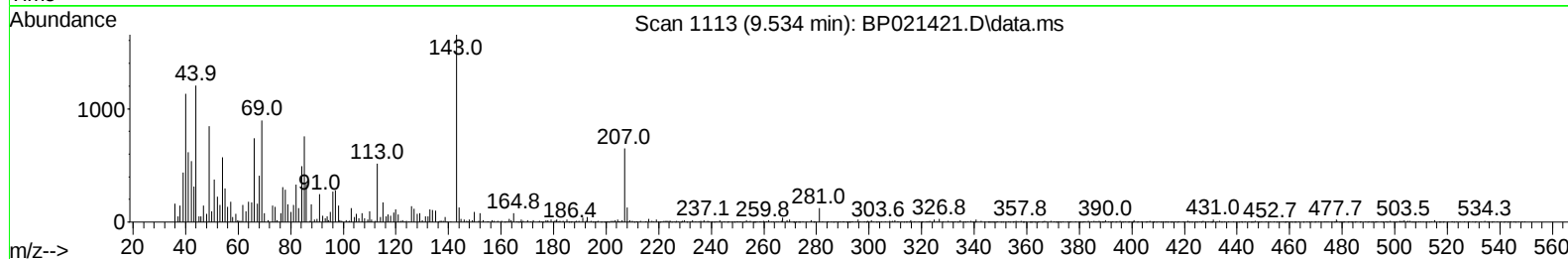
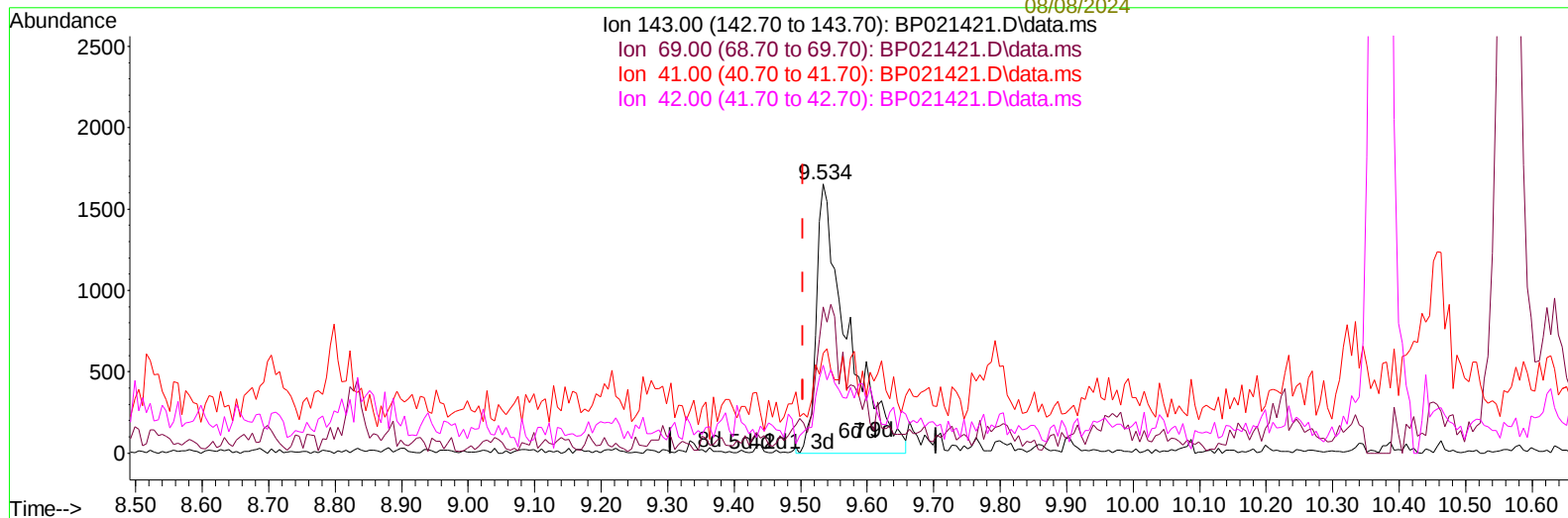
Instrument :
BNA_P
ClientSampleId :
F7E03DL2

Manual IntegrationsAPPROVED

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ahmed
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Quant Time: Aug 07 16:03:43 2024
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Quant Title : SVOA CALIBRATION
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TIC: BP021421.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.534min (+ 0.030) 0.96 ng/ul m

response 5416

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	50.20	54.33
41.00	22.70	37.27#
42.00	22.10	32.67#

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021421.D
Acq On : 07 Aug 2024 15:36
Operator : CG/JU
Sample : P3329-04DL2 30X
Misc :
ALS Vial : 12 Sample Multiplier: 1

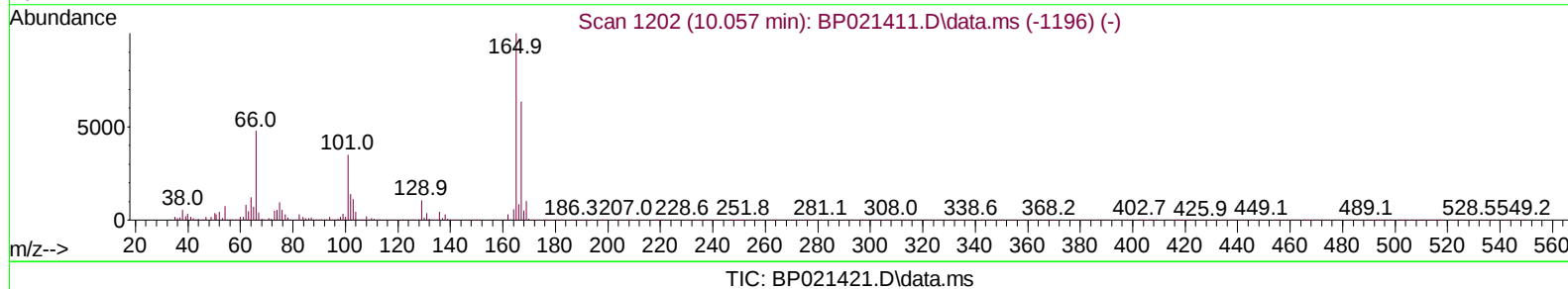
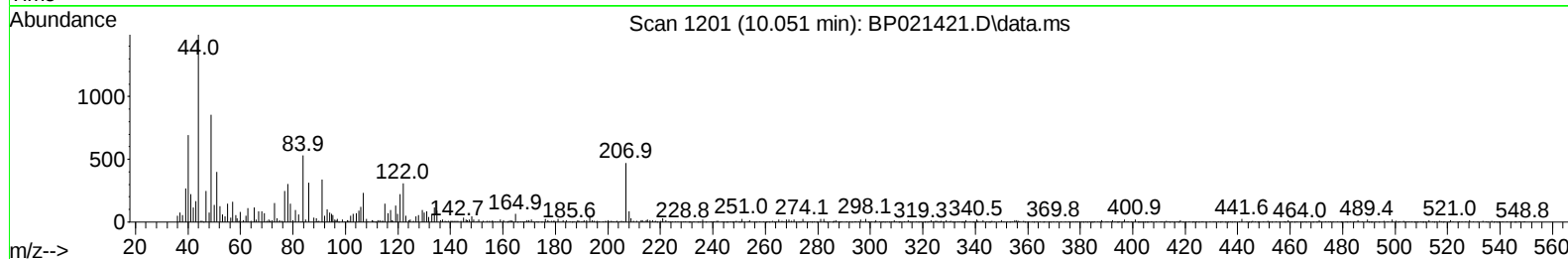
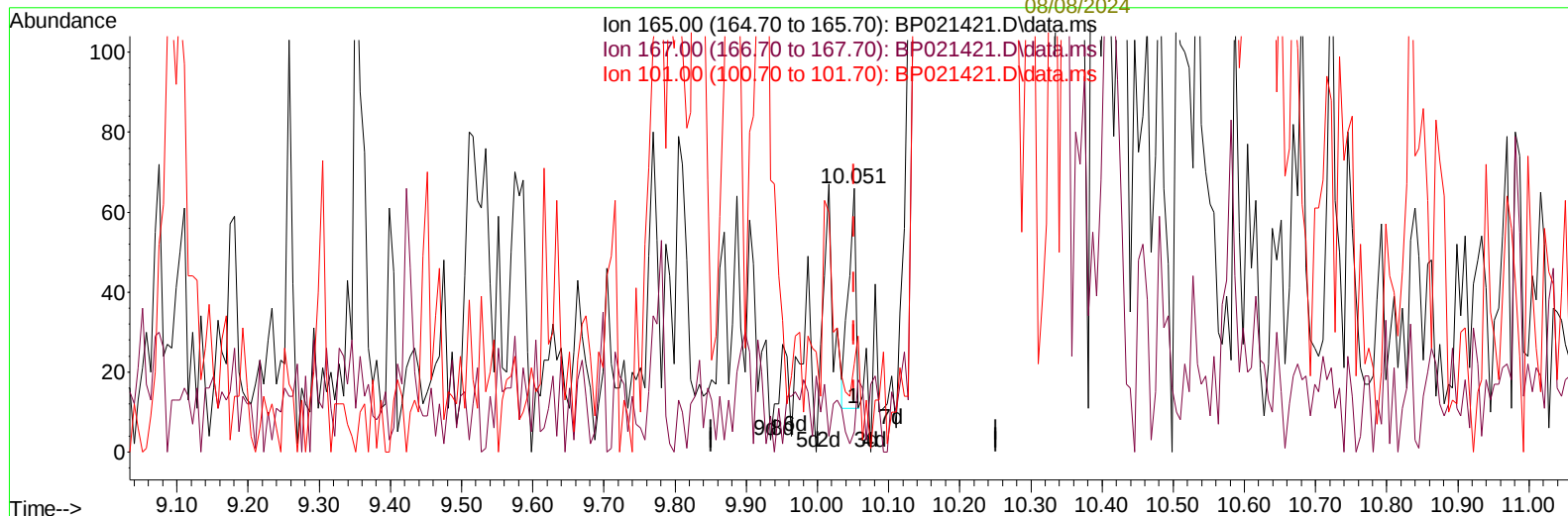
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(28) 2,4-Dichlorophenol-d3 (S)

10.051min (+ 0.000) 0.00 ng/u1

response 39

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	62.80	7.58#
101.00	35.50	33.33
0.00	0.00	0.00

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Misc :
ALS Vial : 12 Sample Multiplier: 1

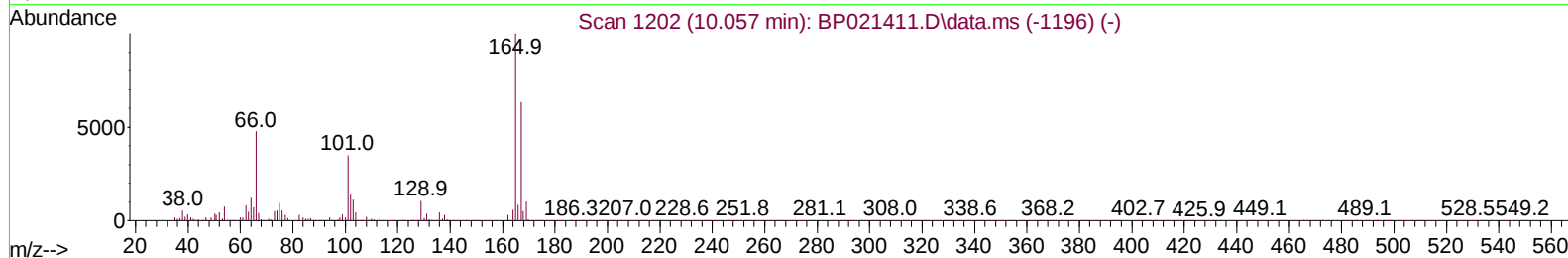
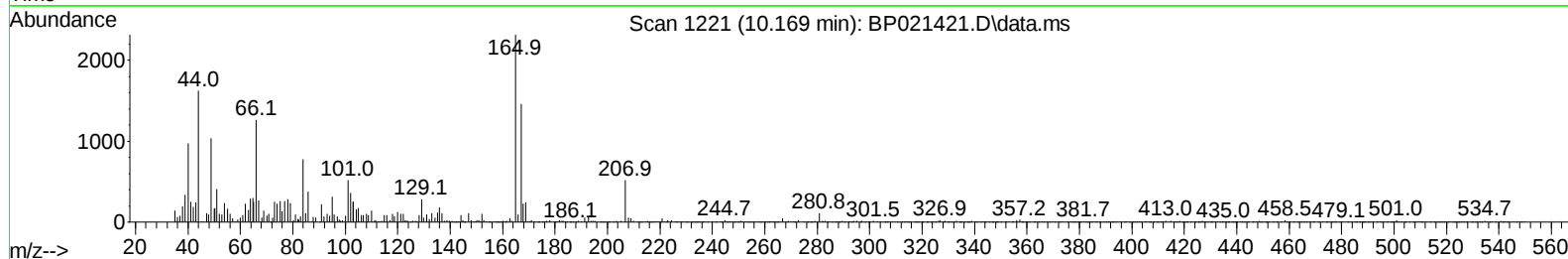
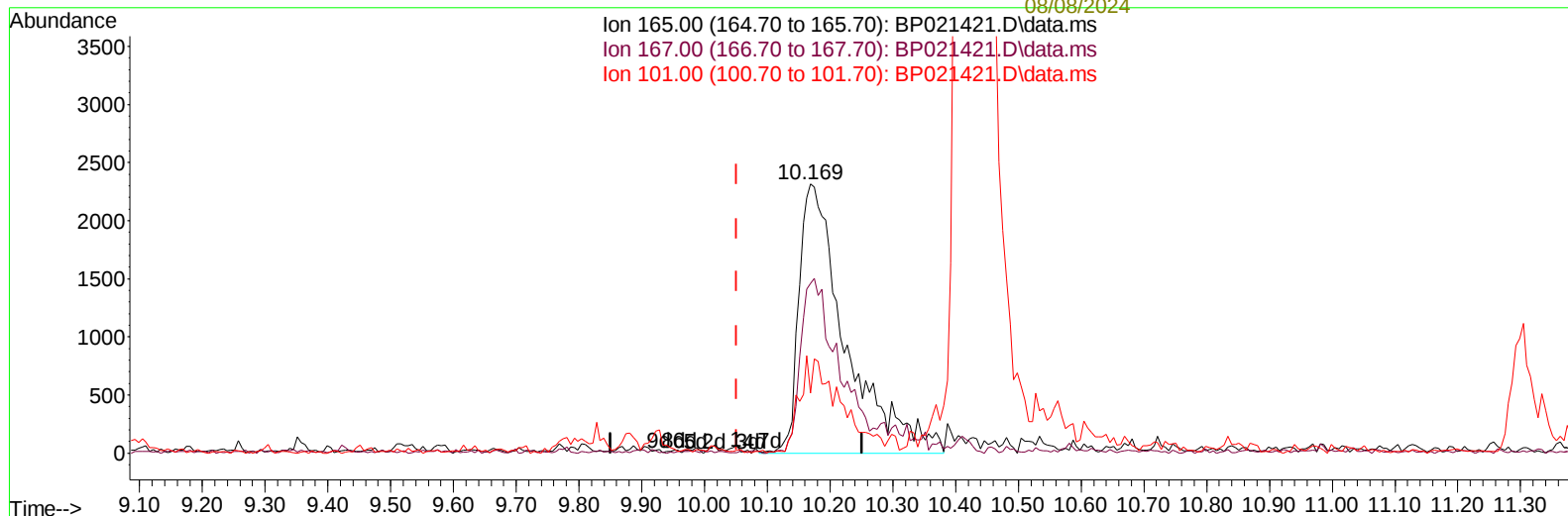
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F7E03DL2

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TIC: BP021421.D\data.ms

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

10.169min (+ 0.118) 1.17 ng/ul m

response 12006

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	62.80	62.98
101.00	35.50	22.29#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
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 Sample : P3329-04DL2 30X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

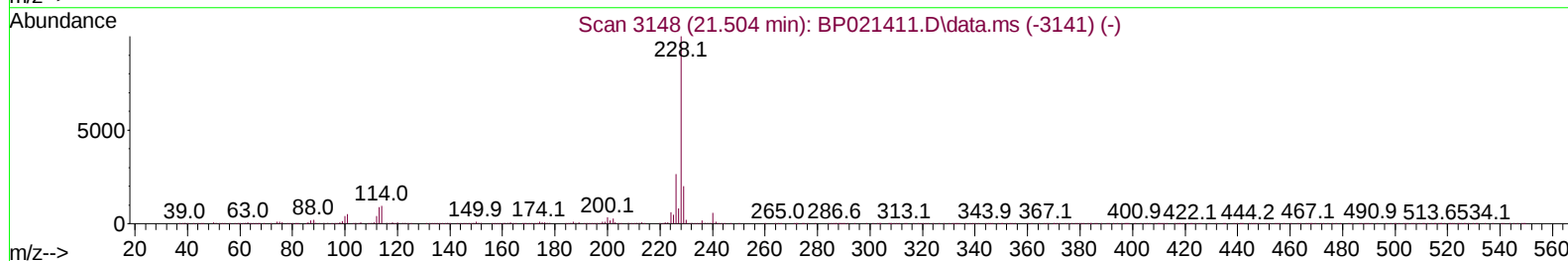
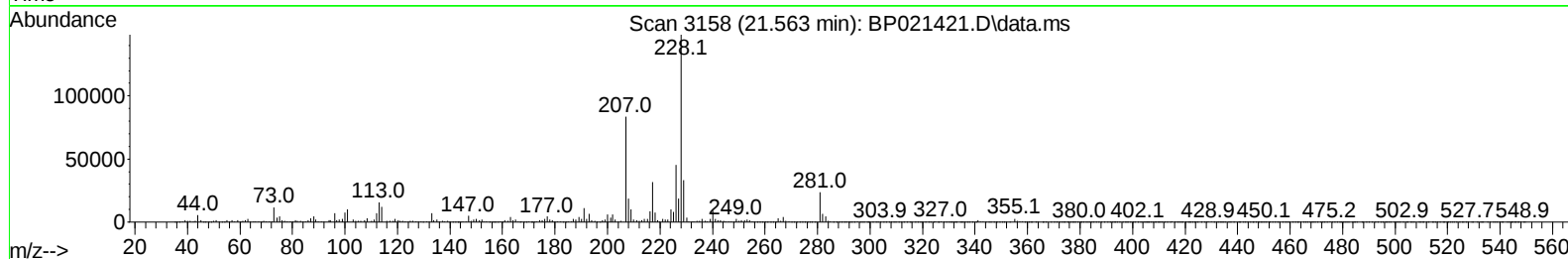
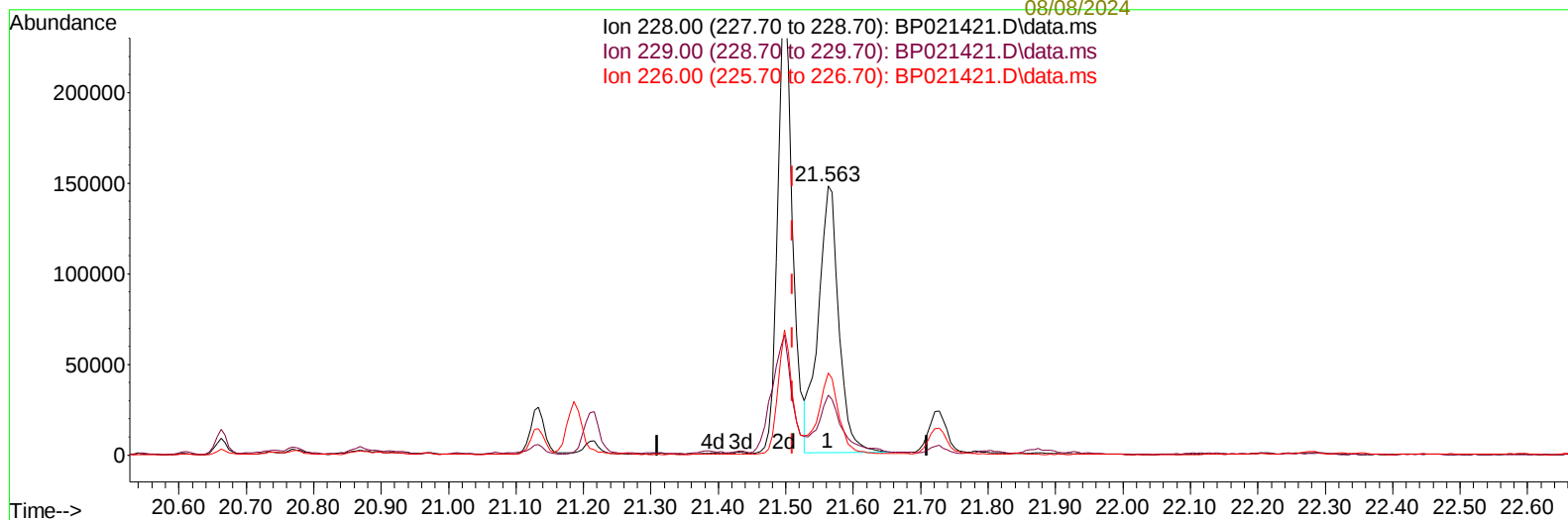
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TIC: BP021421.D\data.ms

(85) Benzo(a)anthracene

21.563min (+ 0.053) 4.47 ng/u1

response 312334

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	22.35
226.00	26.80	30.63
0.00	0.00	0.00

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Sample : P3329-04DL2 30X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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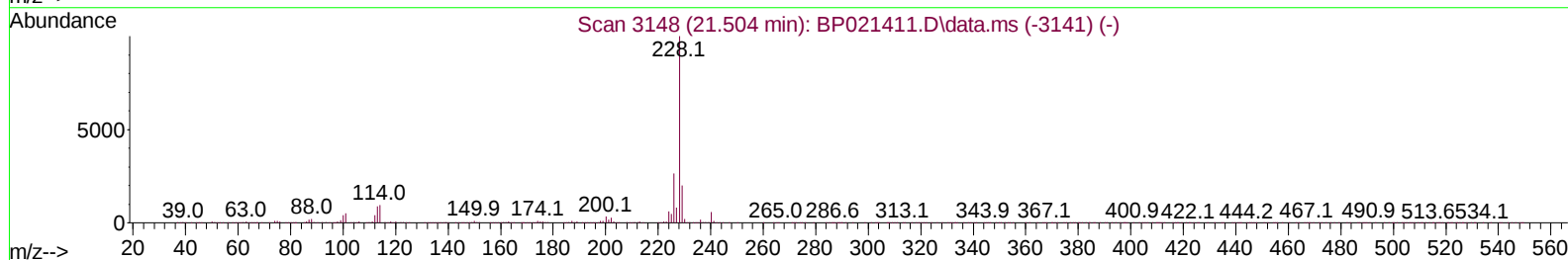
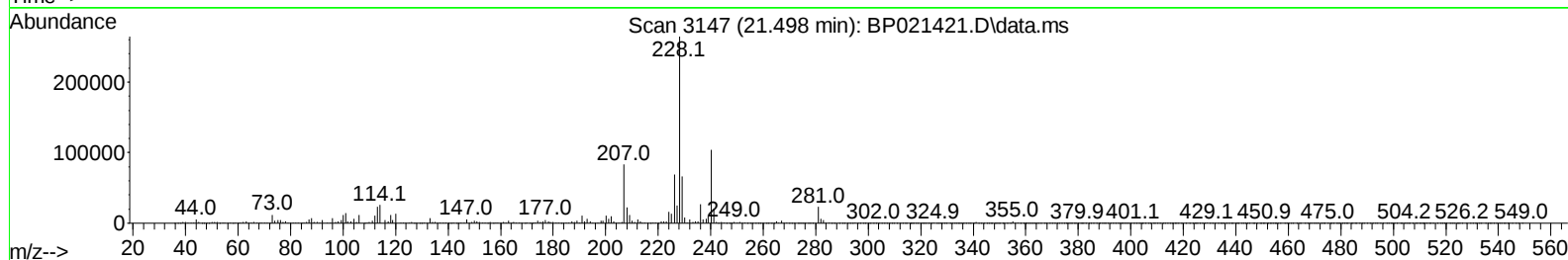
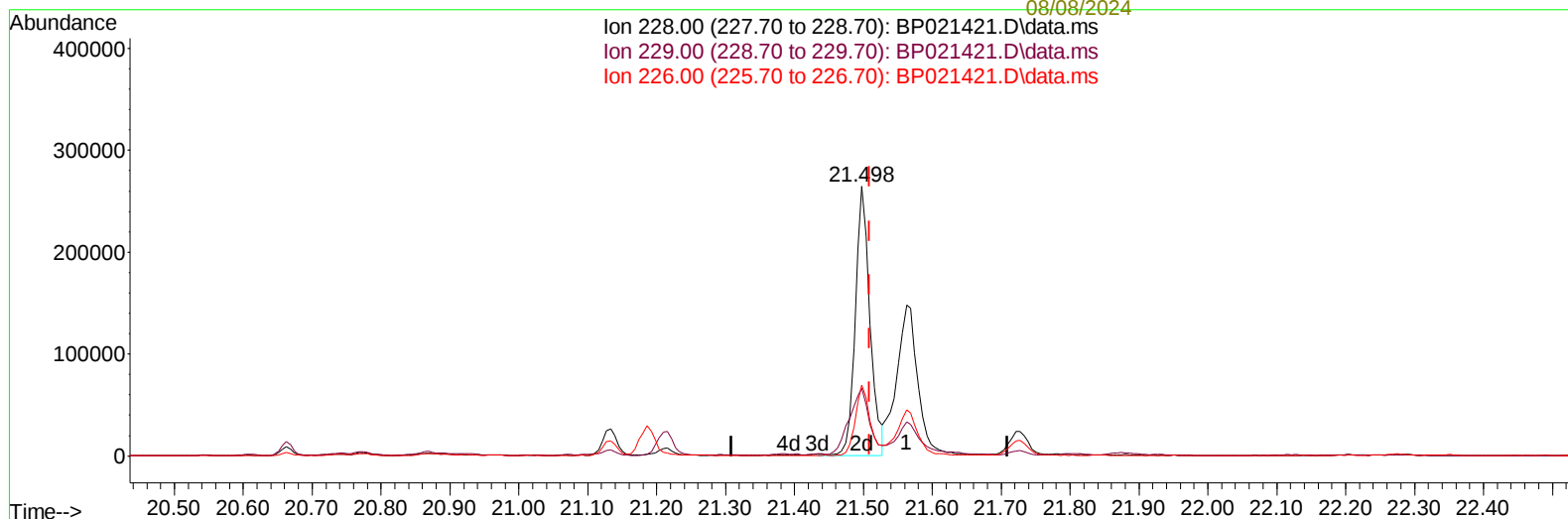
Manual IntegrationsAPPROVED

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Supervised By :mohammad
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08/08/2024

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Ion 228.00 (227.70 to 228.70): BP021421.D\data.ms
Ion 229.00 (228.70 to 229.70): BP021421.D\data.ms
Ion 226.00 (225.70 to 226.70): BP021421.D\data.ms



TIC: BP021421.D\data.ms

(85) Benzo(a)anthracene

21.498min (-0.011) 5.60 ng/u1 m

response 390922

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	25.03#
226.00	26.80	26.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021421.D
Acq On : 07 Aug 2024 15:36
Operator : CG/JU
Sample : P3329-04DL2 30X
Misc :
ALS Vial : 12 Sample Multiplier: 1

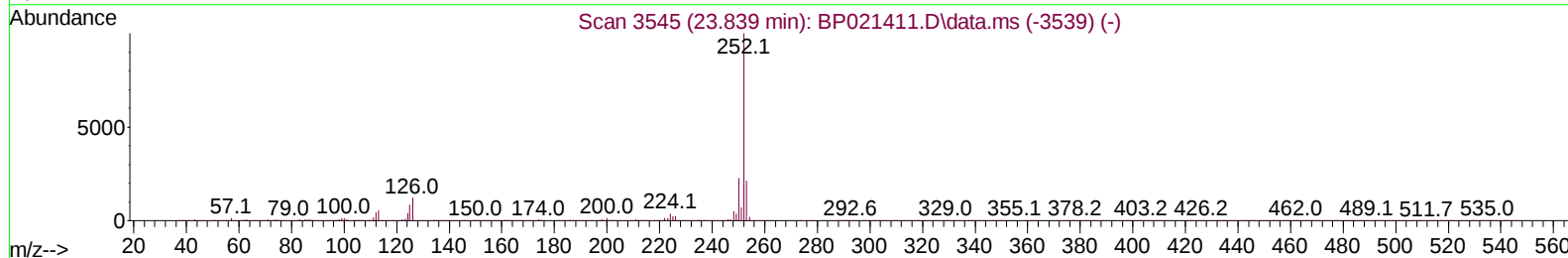
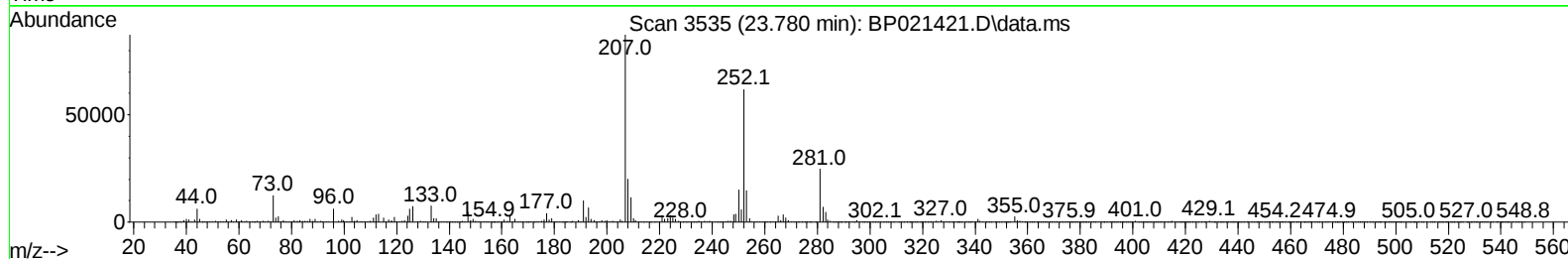
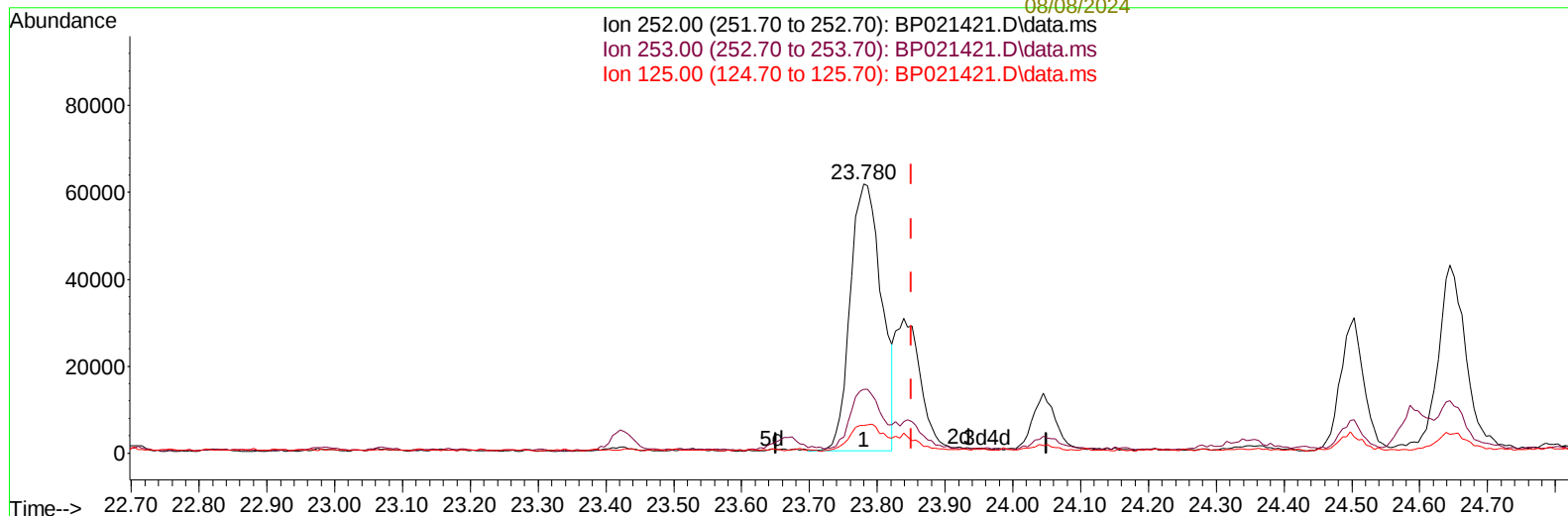
Instrument :
BNA_P
ClientSampleId :
F7E03DL2

Manual IntegrationsAPPROVED

Quant Time: Aug 07 16:03:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

Supervised By :mohammad
ahmed
08/08/2024



TIC: BP021421.D\data.ms

(91) Benzo(k)fluoranthene

23.780min (-0.070) 2.88 ng/u1

response 197377

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.71
125.00	9.20	10.27
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021421.D
 Acq On : 07 Aug 2024 15:36
 Operator : CG/JU
 Sample : P3329-04DL2 30X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E03DL2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

Supervised By :mohammad
 ahmed
 08/08/2024

Quant Time: Aug 08 05:07:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	148214	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.375	136	636741	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.263	164	428909	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.080	188	947569	20.000	ng/ul	-0.01
79) Chrysene-d12	21.516	240	996931	20.000	ng/ul	-0.02
88) Perylene-d12	24.798	264	1133547	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	765	0.235	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	7.022	67	10280m	1.404	ng/ul	0.04
11) 2-Chlorophenol-d4	7.252	132	10246m	1.029	ng/ul	0.07
15) 4-Methylphenol-d8	8.475	113	11267m	1.123	ng/ul	0.11
21) Nitrobenzene-d5	8.846	128	3961	0.801	ng/ul	0.05
24) 2-Nitrophenol-d4	9.534	143	5416m	0.957	ng/ul	0.03
28) 2,4-Dichlorophenol-d3	10.169	165	12006m	1.173	ng/ul	0.12
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.681	166	42711	1.370	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	41052	1.173	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.275	176	37184	1.454	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.180	188	59050	1.403	ng/ul	-0.01
81) Pyrene-d10	19.563	212	77382	1.256	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.586	264	76435	1.367	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.428	128	4885505	145.866	ng/ul	100
36) 2-Methylnaphthalene	12.057	142	828327	36.029	ng/ul	100
37) 1-Methylnaphthalene	12.269	142	379332	16.042	ng/ul	98
43) 1,1'-Biphenyl	13.087	154	191502	6.109	ng/ul	98
52) Acenaphthene	14.328	153	574912	21.852	ng/ul	99
56) Dibenzofuran	14.675	168	685526	19.027	ng/ul	99
61) Fluorene	15.334	166	676675	23.016	ng/ul	99
72) Phenanthrene	17.122	178	2784561	56.647	ng/ul	99
74) Anthracene	17.216	178	1130707	22.563	ng/ul	98
77) Carbazole	17.528	167	594066	14.502	ng/ul	99
80) Fluoranthene	19.216	202	1735271	23.313	ng/ul	99
82) Pyrene	19.598	202	1197777	15.814	ng/ul	99
85) Benzo(a)anthracene	21.498	228	390922m	5.598	ng/ul	
87) Chrysene	21.563	228	310730	4.788	ng/ul	96
90) Benzo(b)fluoranthene	23.780	252	197377	2.869	ng/ul	95
91) Benzo(k)fluoranthene	23.839	252	80006m	1.165	ng/ul	
93) Benzo(a)pyrene	24.645	252	117400	1.806	ng/ul#	91

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

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Operator : CG/JU
Sample : P3329-04DL2 30X
Misc :
ALS Vial : 12 Sample Multiplier: 1

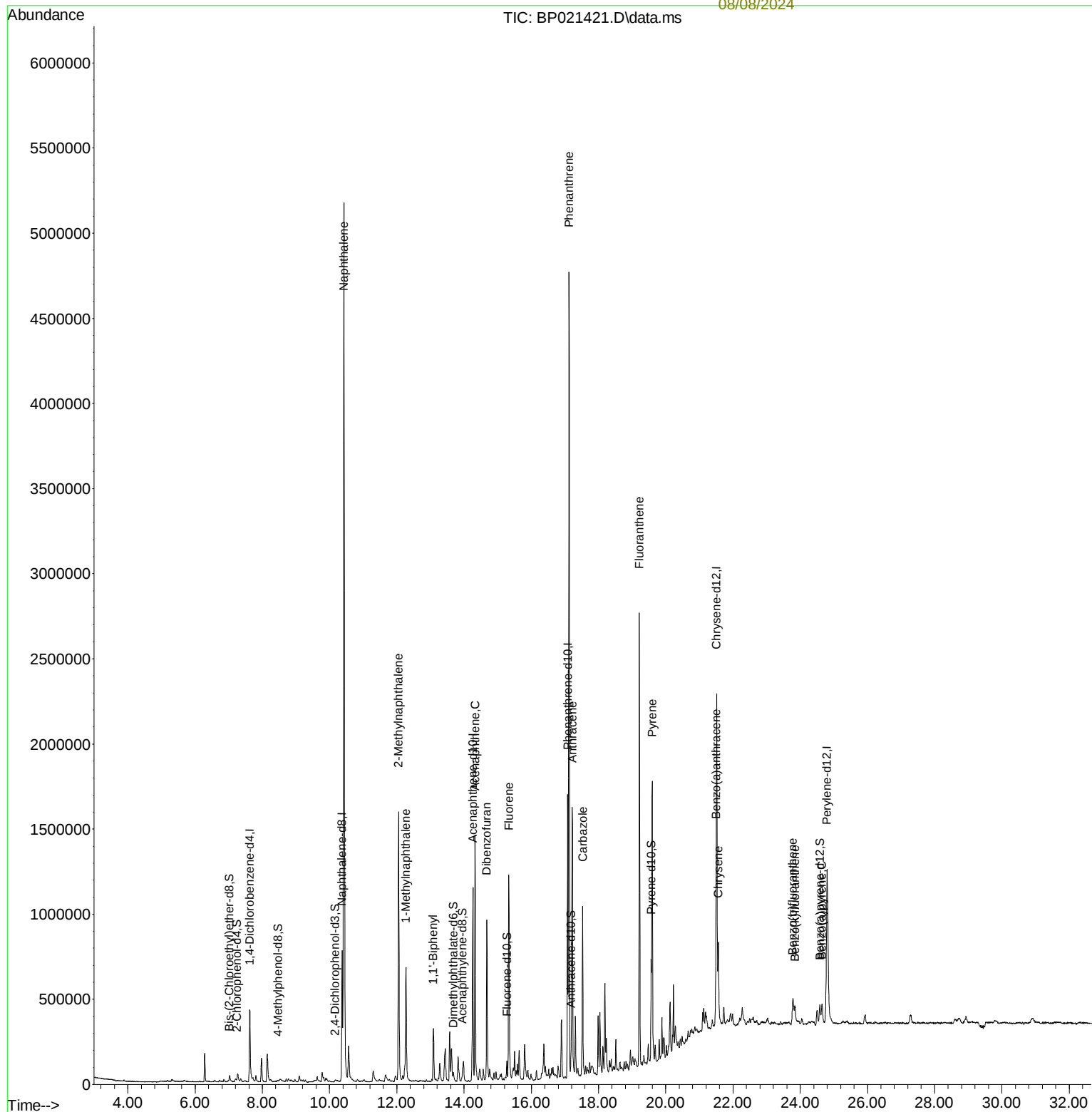
Instrument :
BNA_P
ClientSampleId :
F7E03DL2

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
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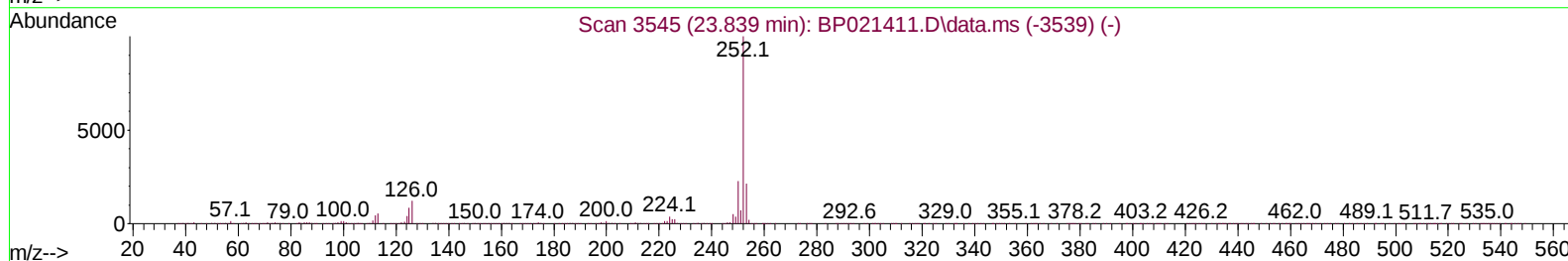
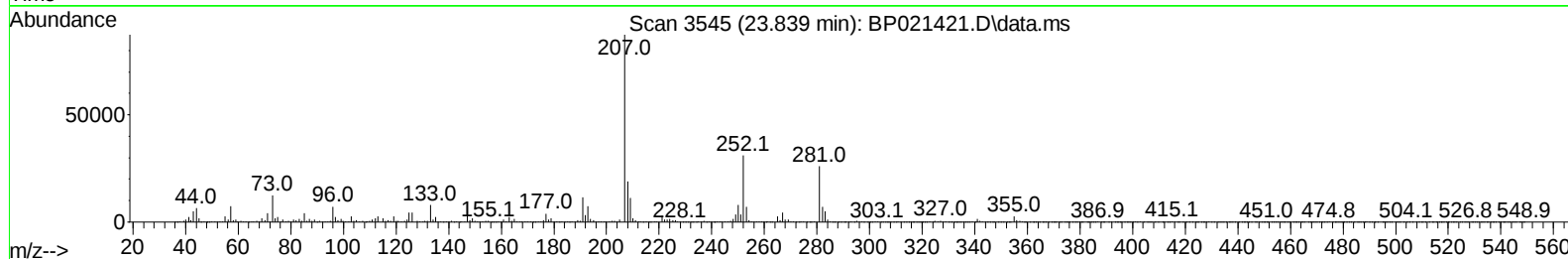
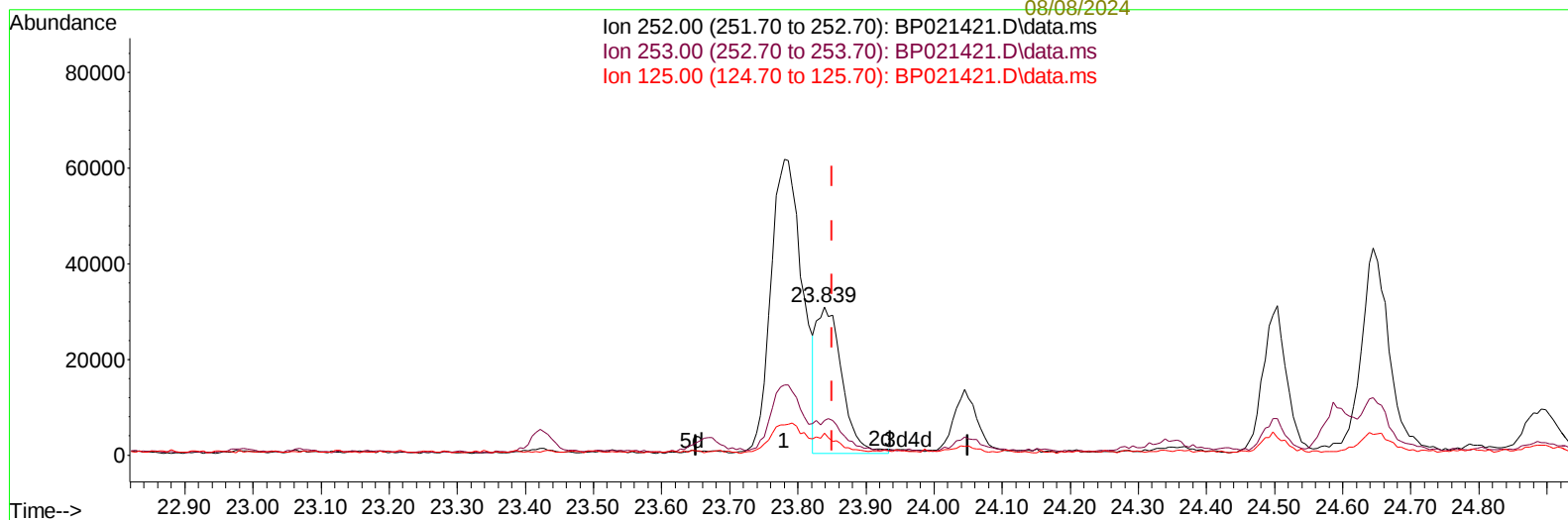
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 ahmed
 08/08/2024



TIC: BP021421.D\data.ms

(91) Benzo(k)fluoranthene

23.839min (-0.011) 1.17 ng/u1 m

response 80006

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.27
125.00	9.20	14.83#
0.00	0.00	0.00