

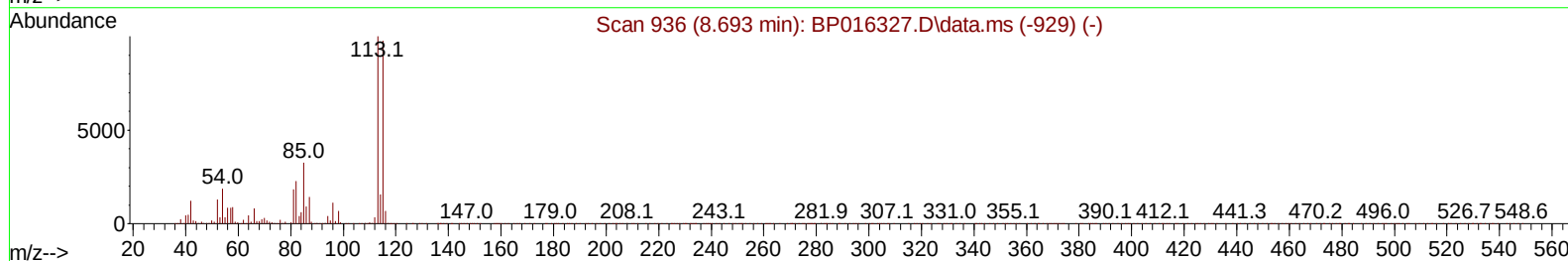
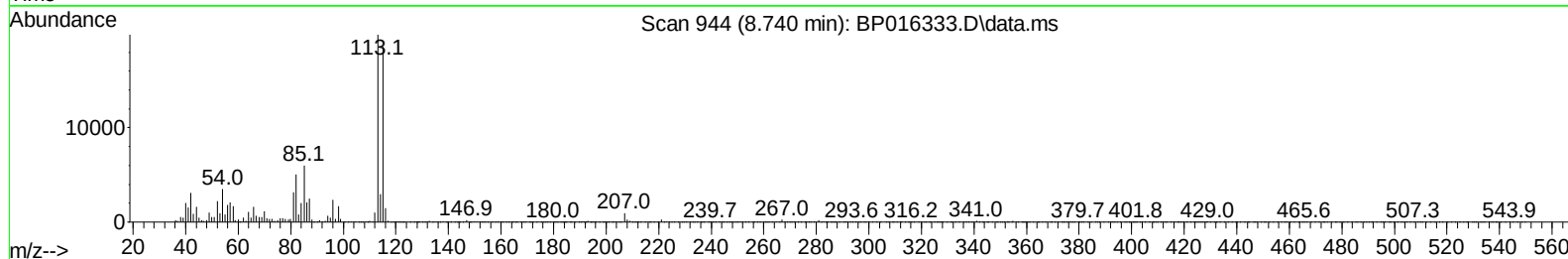
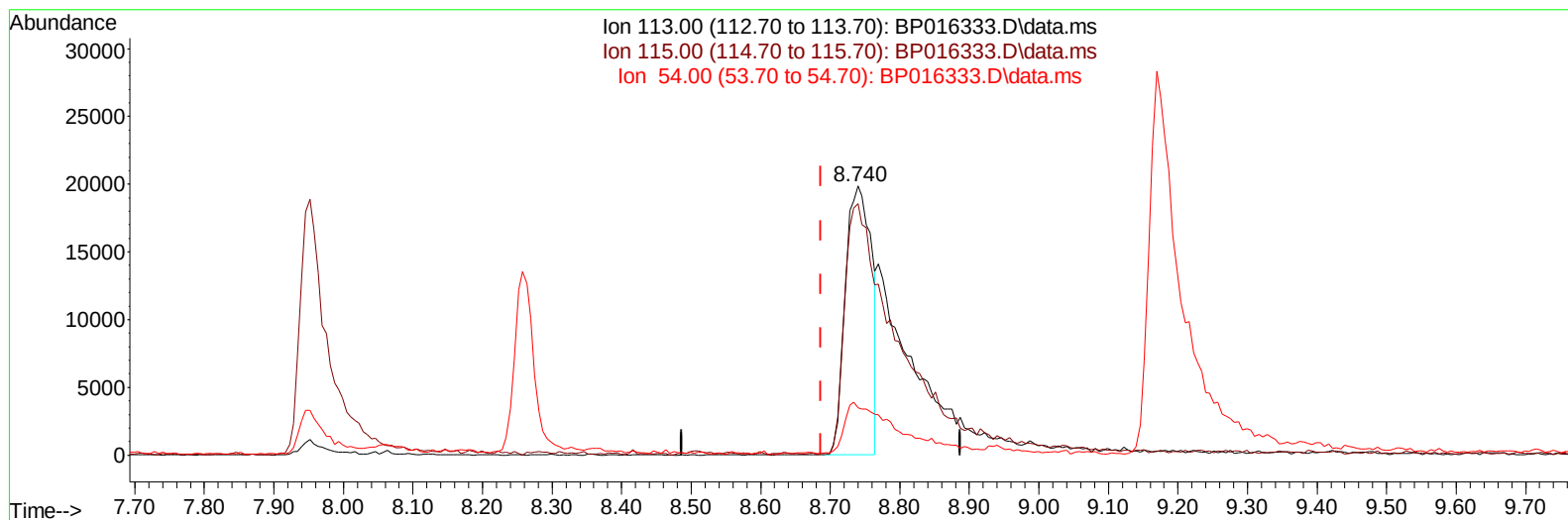
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016333.D
 Acq On : 19 Jul 2023 20:28
 Operator : MA/JU
 Sample : 03472-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A46R0

Manual IntegrationsAPPROVED

Quant Time: Jul 19 22:43:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016333.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.740min (+ 0.053) 9.02 ng/uL

response 51657

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	93.43
54.00	16.30	17.51
0.00	0.00	0.00

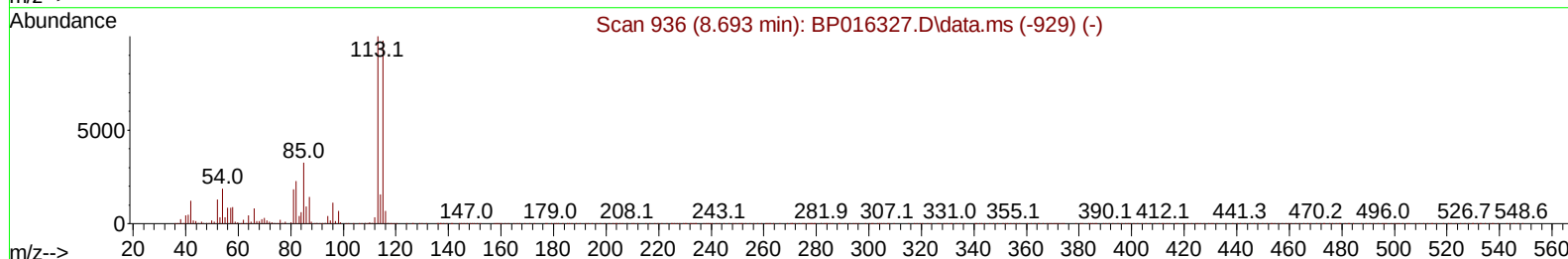
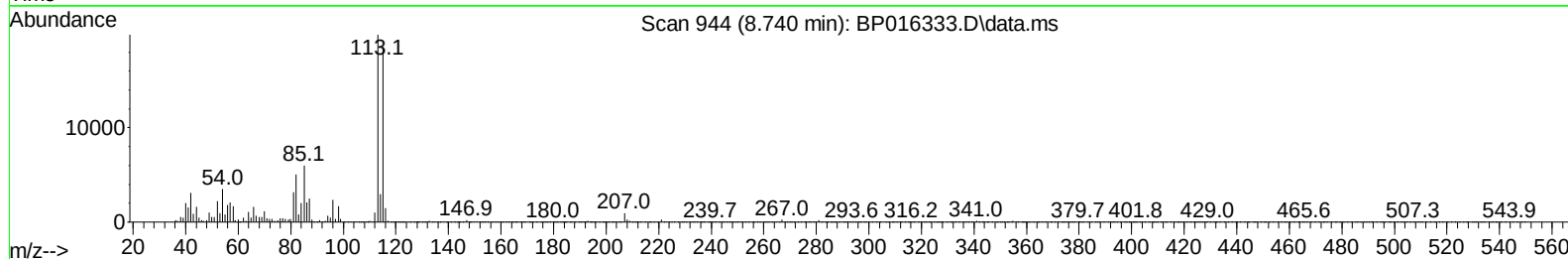
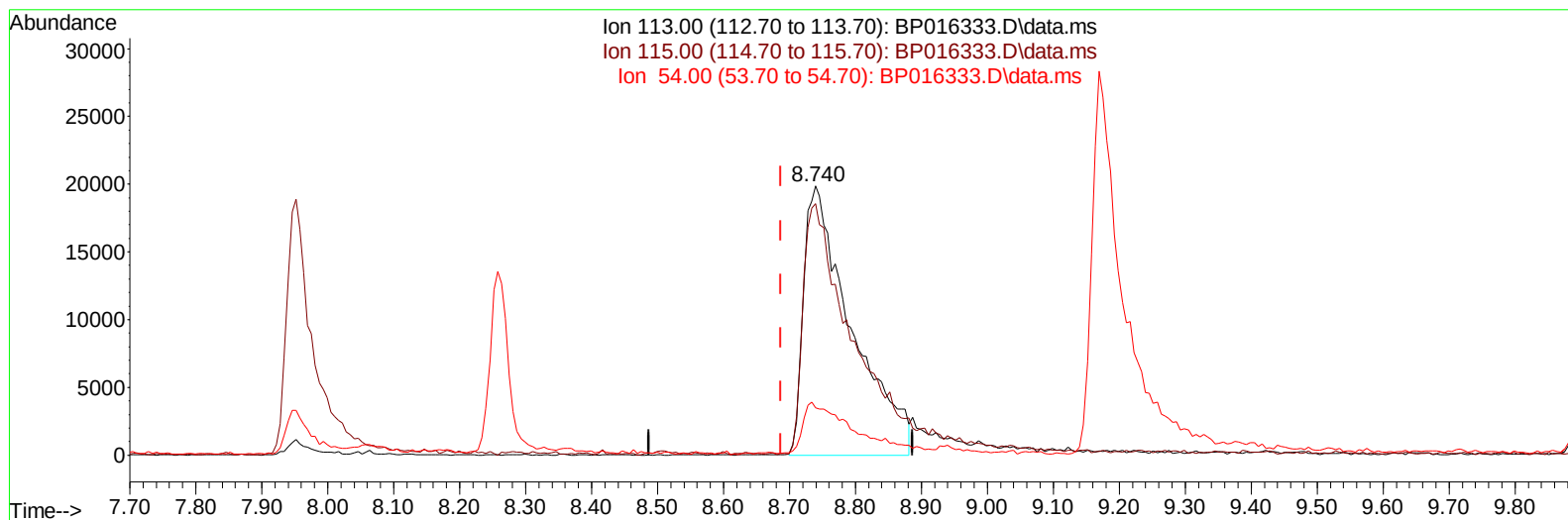
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
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 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016333.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.740min (+ 0.053) 17.40 ng/ul m

response 99725

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	90.20	93.43
54.00	16.30	17.51
0.00	0.00	0.00

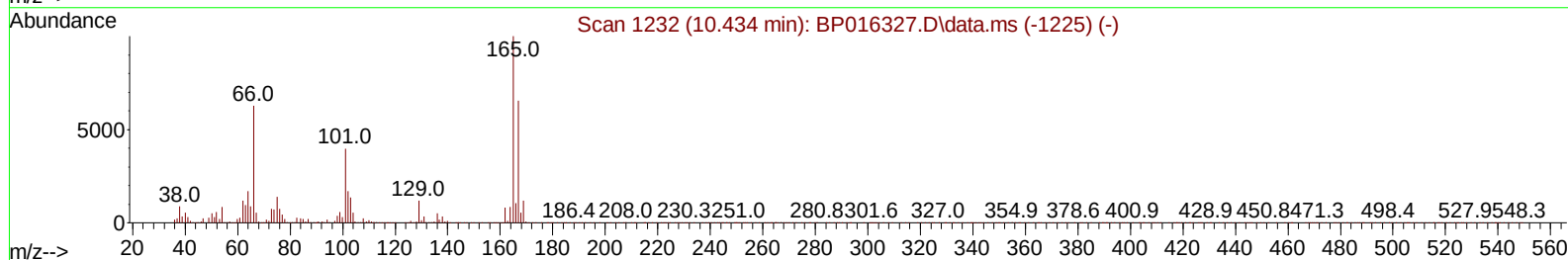
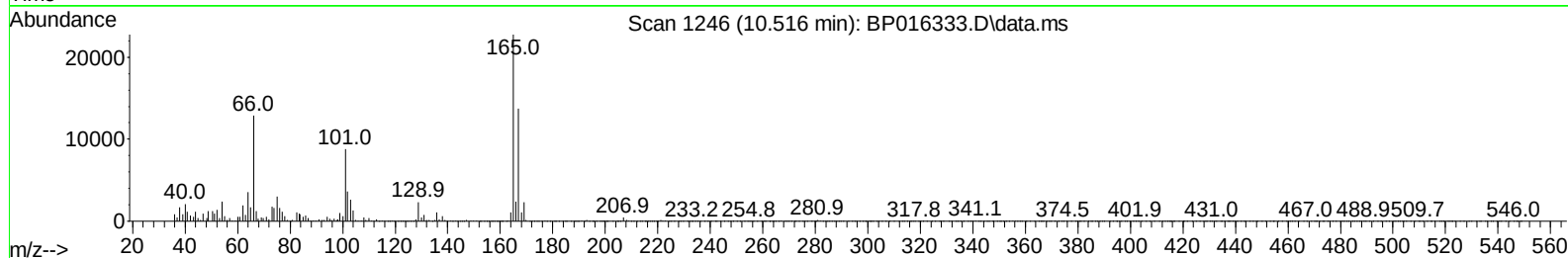
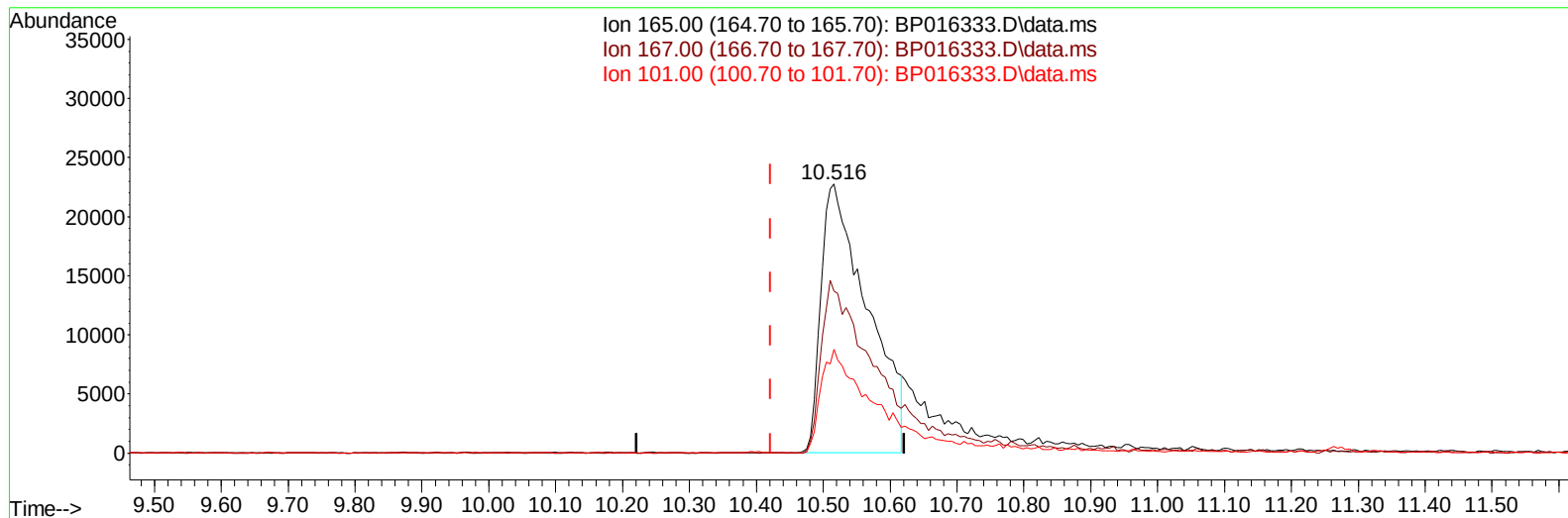
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
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TIC: BP016333.D\data.ms

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

10.516min (+ 0.094) 20.96 ng/ul

response 109941

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	60.25
101.00	38.50	38.66
0.00	0.00	0.00

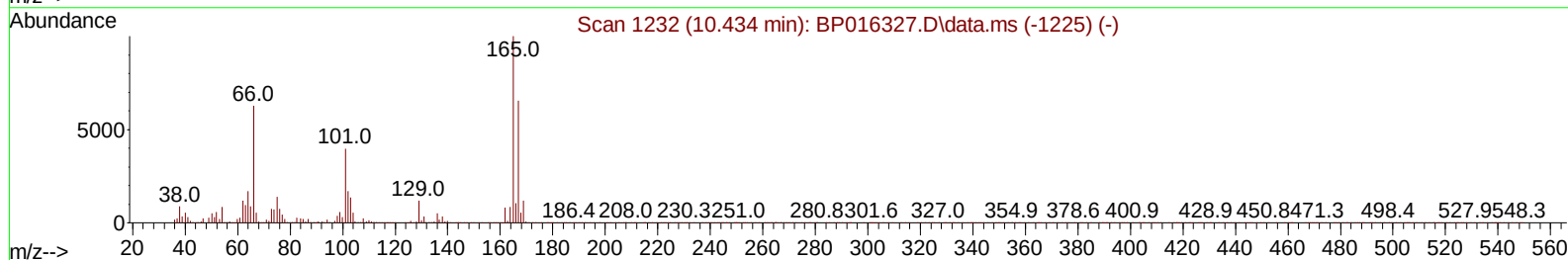
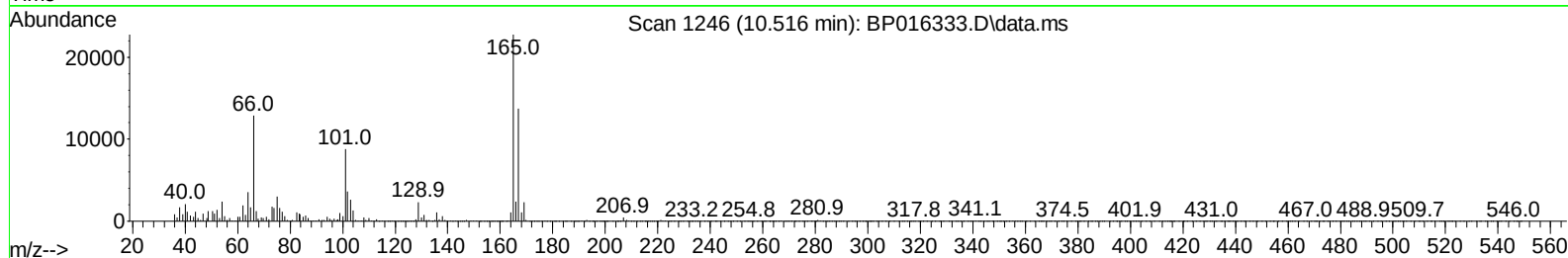
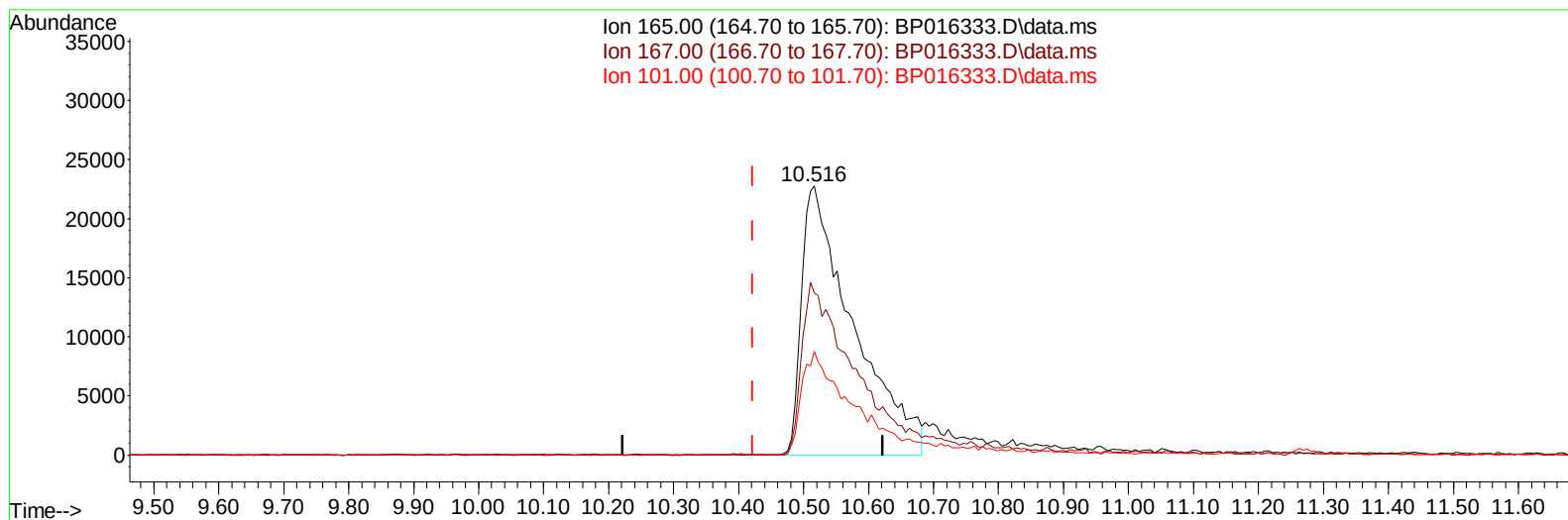
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016333.D
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Operator : MA/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/20/2023
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TIC: BP016333.D\data.ms

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

10.516min (+ 0.094) 23.99 ng/ul m

response 125845

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	65.20	60.25
101.00	38.50	38.66
0.00	0.00	0.00

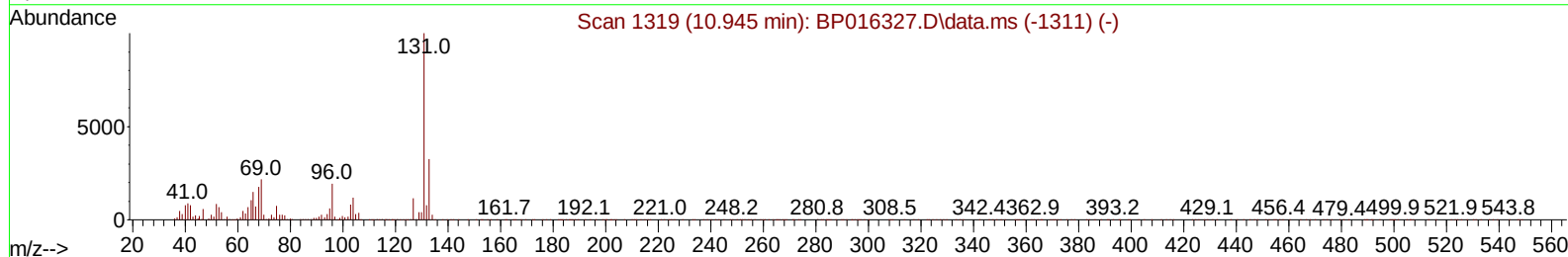
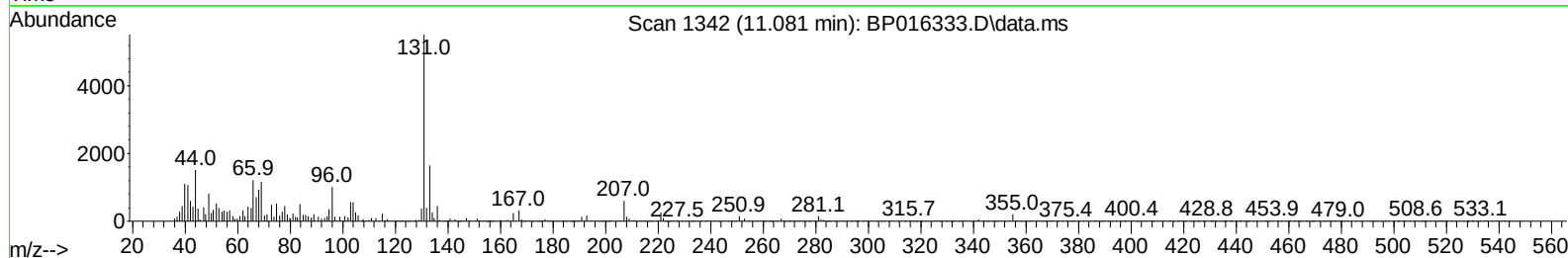
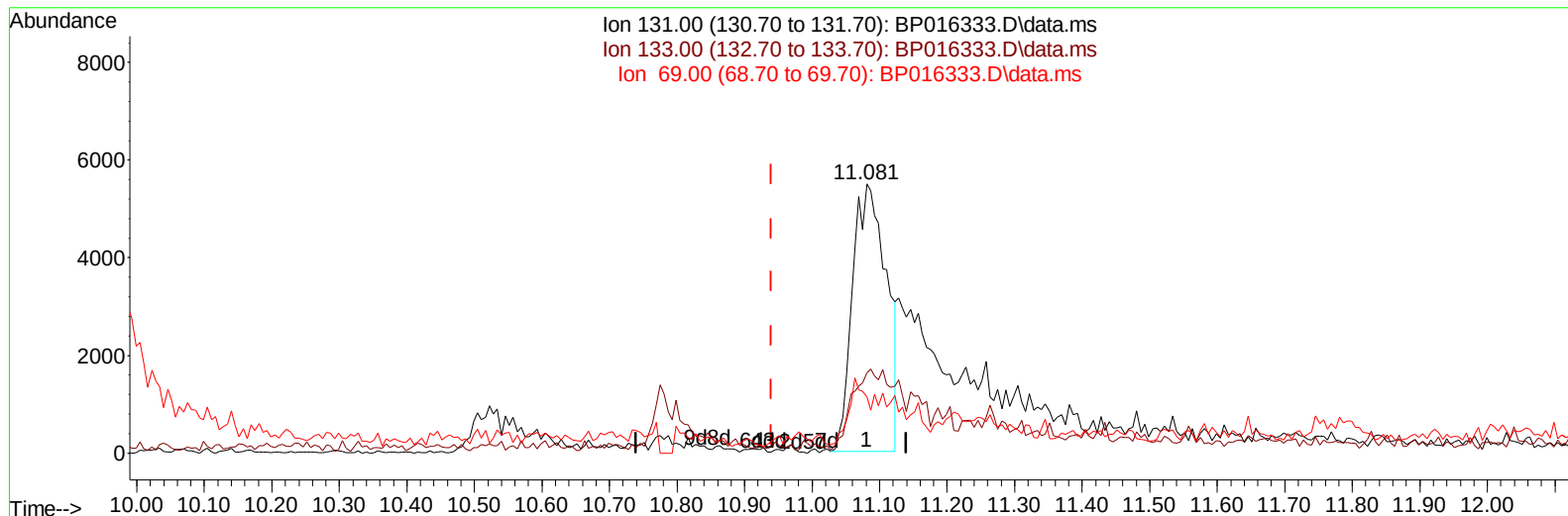
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Sample : 03472-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BP016333.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.081min (+ 0.141) 2.25 ng/uI

response 18915

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	29.87
69.00	21.00	20.99
0.00	0.00	0.00

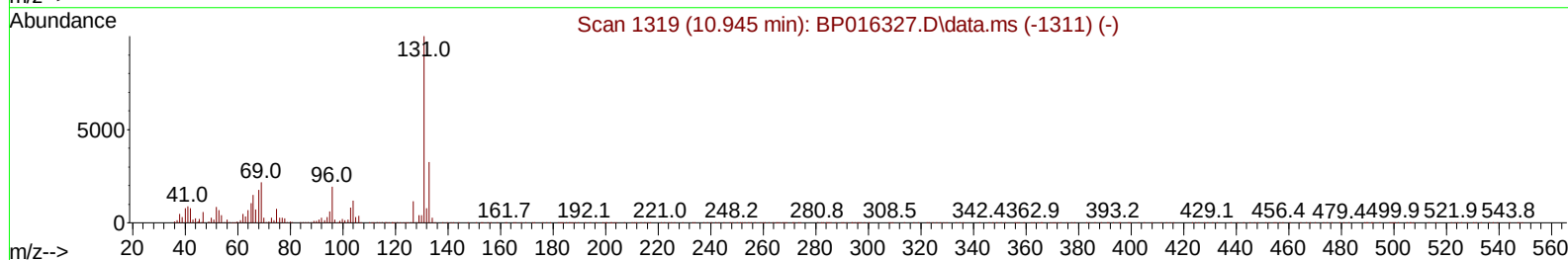
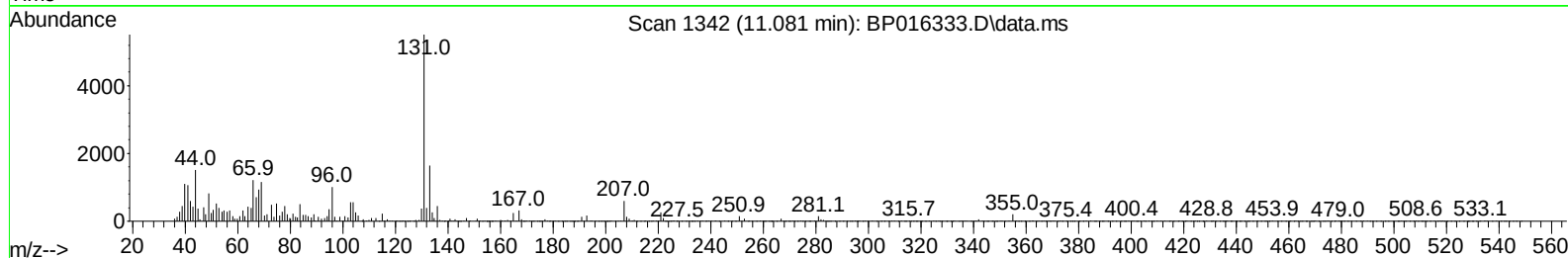
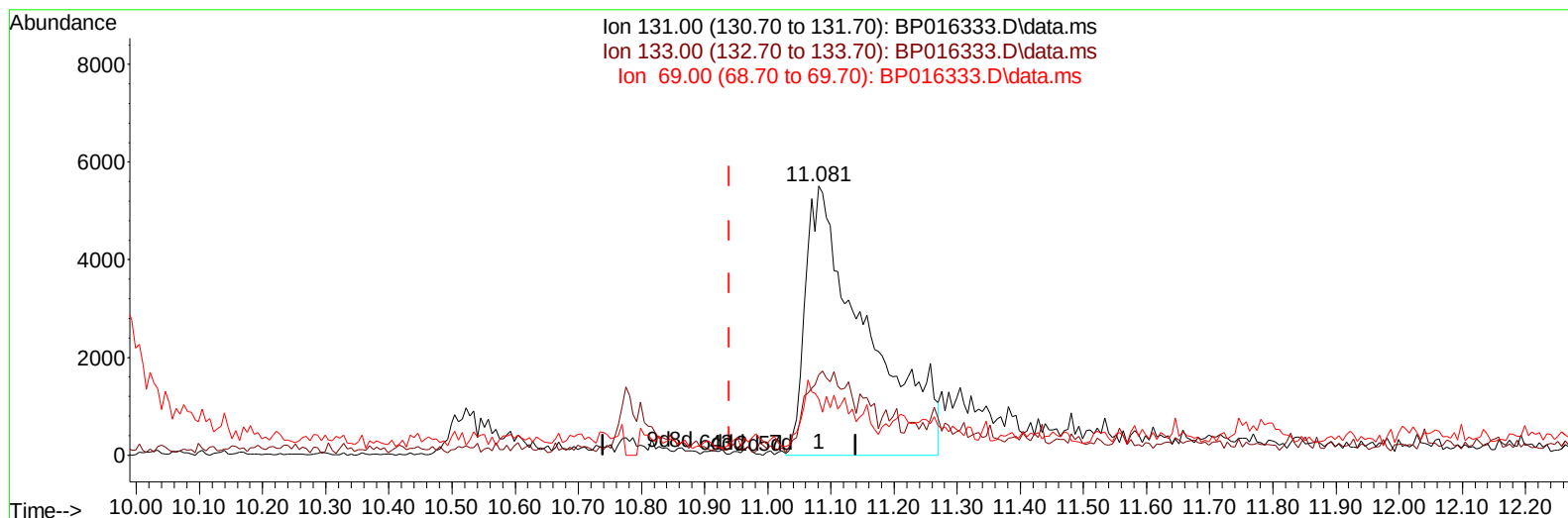
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016333.D
Acq On : 19 Jul 2023 20:28
Operator : MA/JU
Sample : 03472-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023



TIC: BP016333.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.081min (+ 0.141) 4.33 ng/ul m

response 36396

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	31.50	29.87
69.00	21.00	20.99
0.00	0.00	0.00

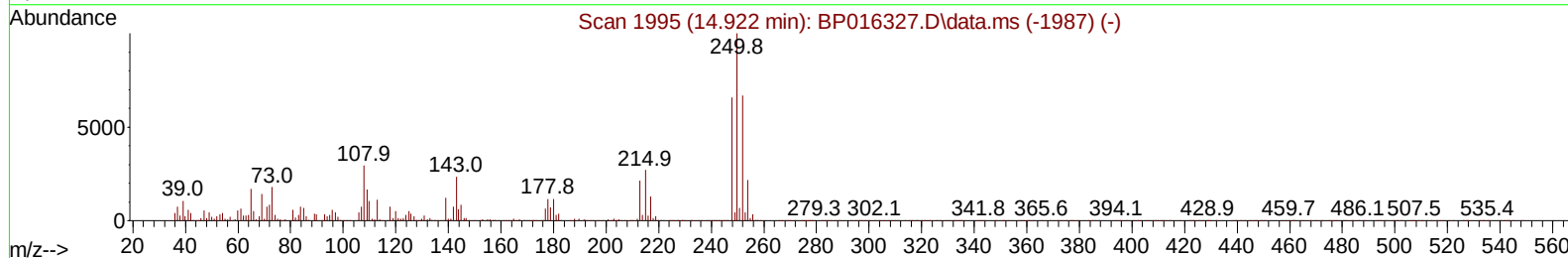
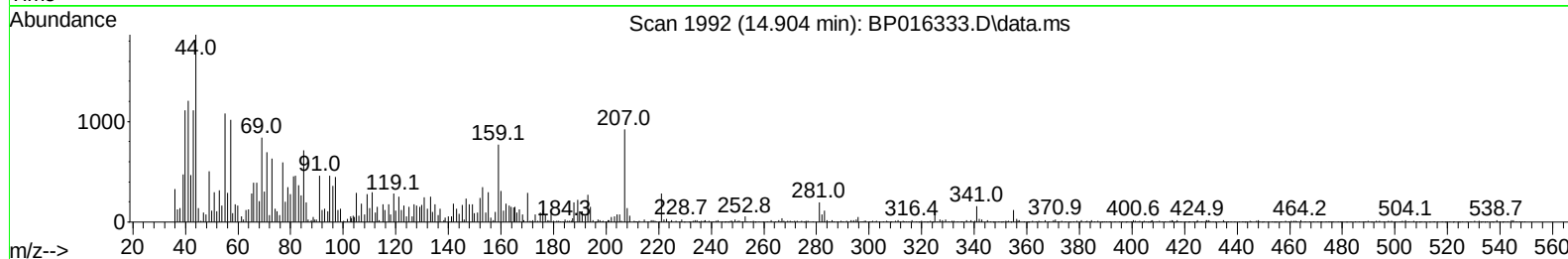
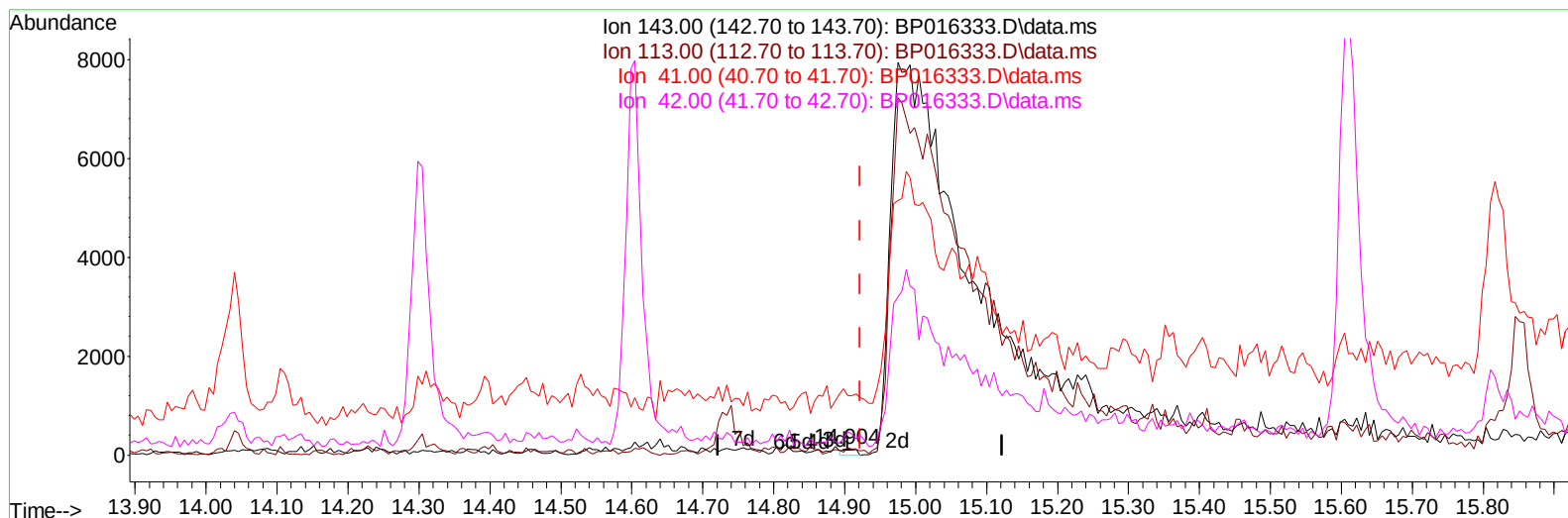
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
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 Acq On : 19 Jul 2023 20:28
 Operator : MA/JU
 Sample : 03472-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016333.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.904min (-0.018) 0.04 ng/uL

response 163

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	79.50	126.12#
41.00	49.30	899.25#
42.00	32.70	347.01#

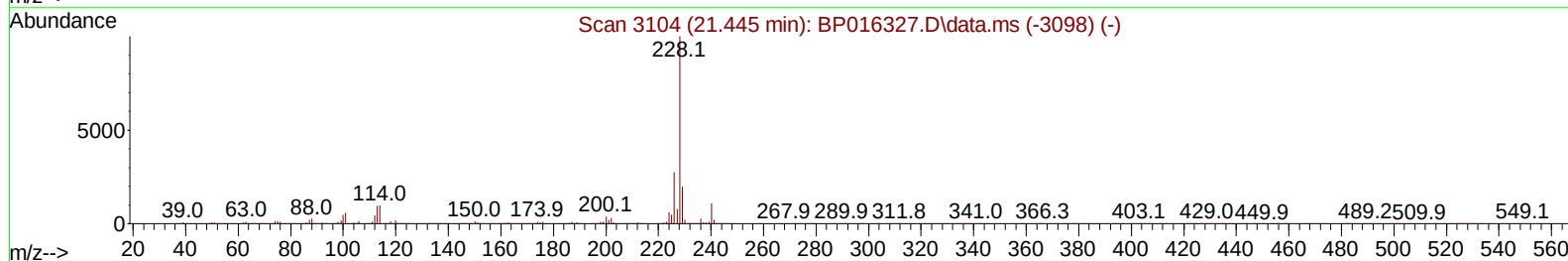
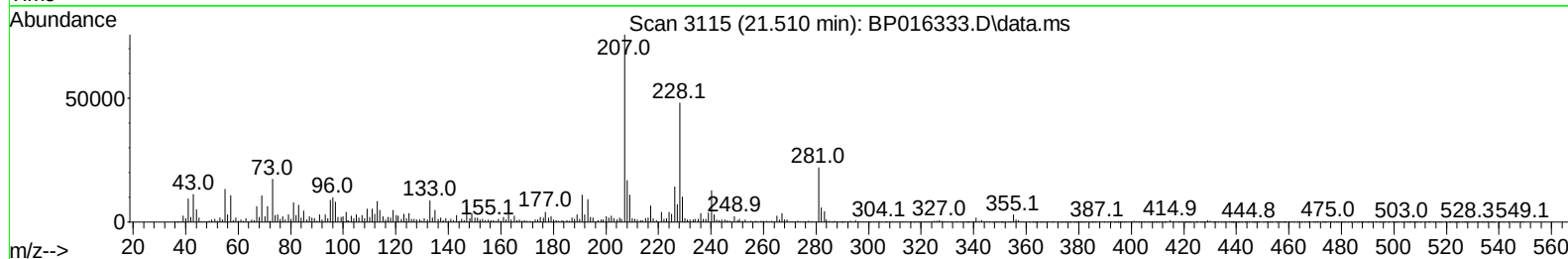
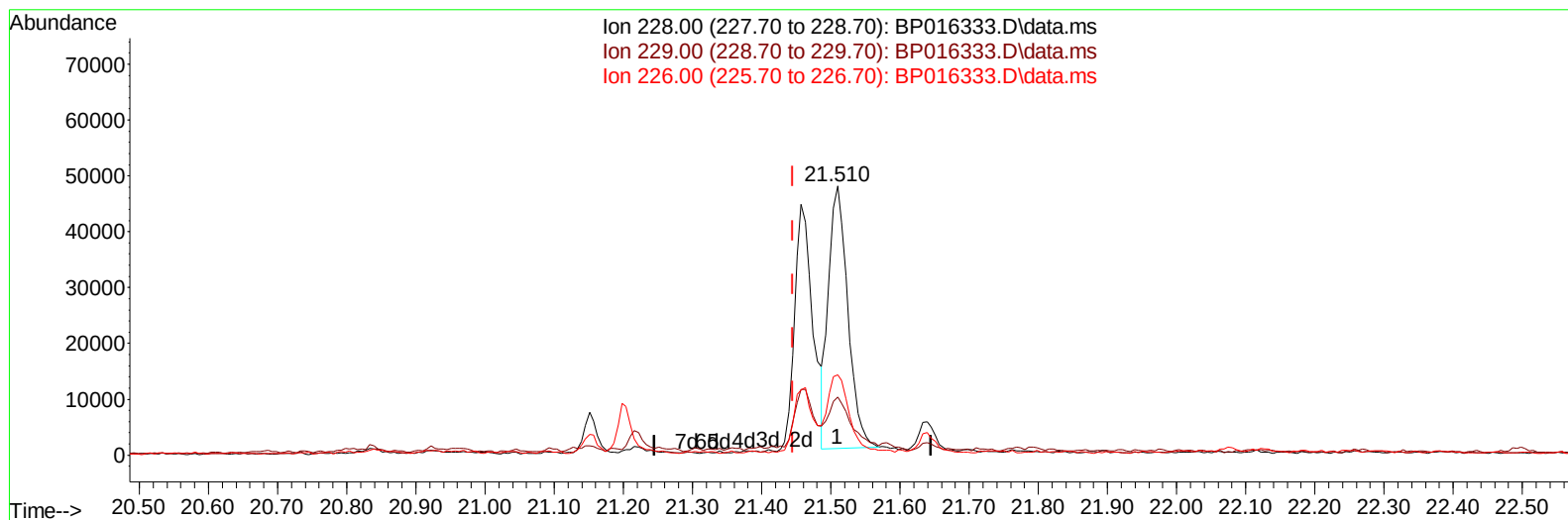
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
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 Operator : MA/JU
 Sample : 03472-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016333.D\data.ms

(85) Benzo(a)anthracene

21.510min (+ 0.065) 1.93 ng/u1

response 91493

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	21.51
226.00	26.90	29.95
0.00	0.00	0.00

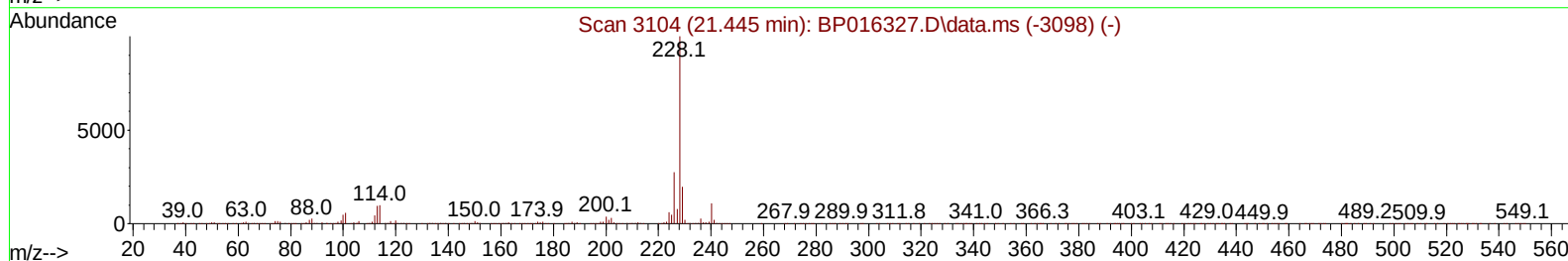
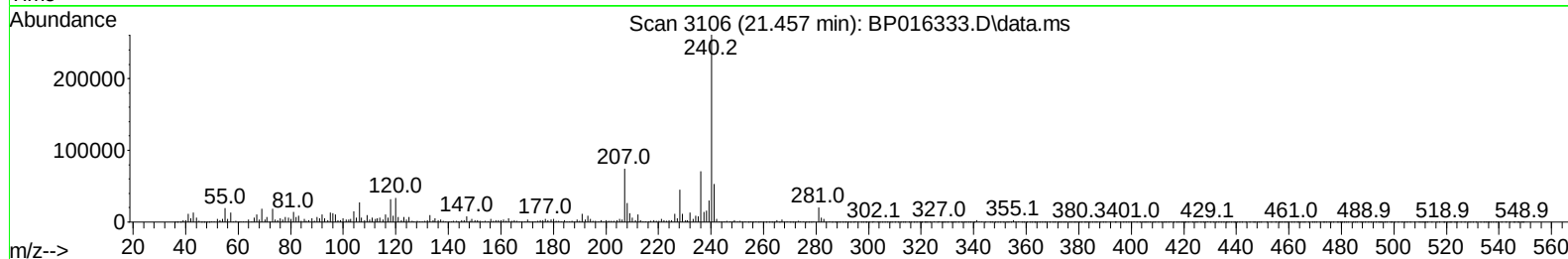
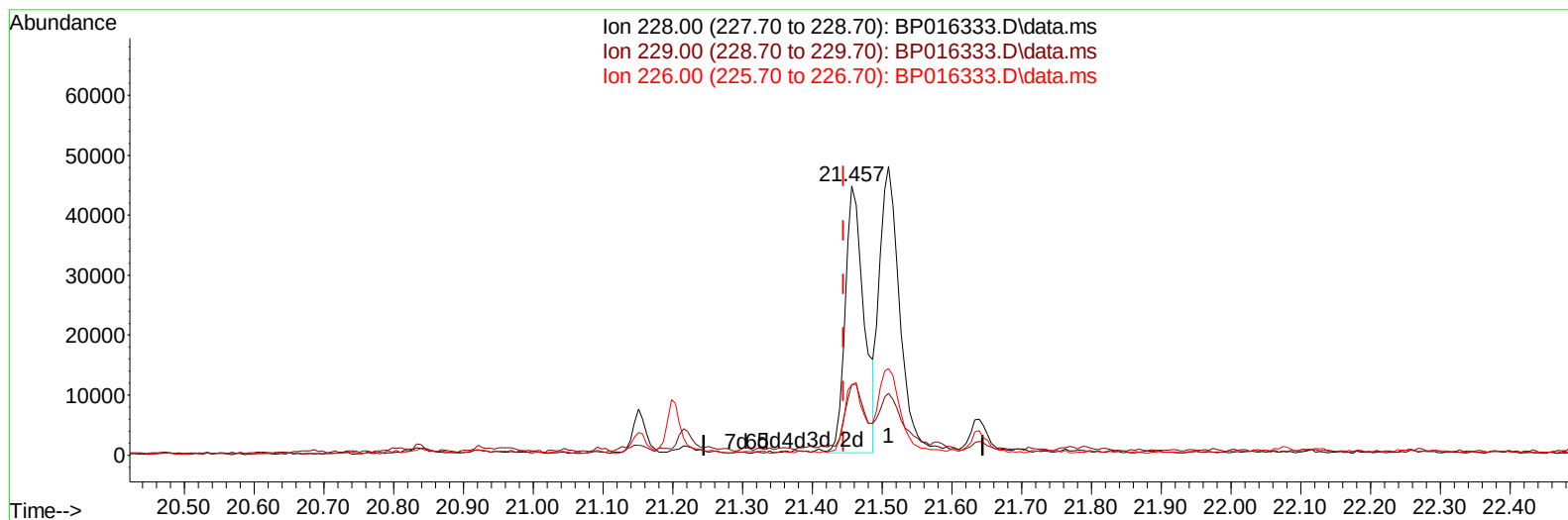
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 Supervised By :mohammad ahmed 07/20/2023



TIC: BP016333.D\data.ms

(85) Benzo(a)anthracene

21.457min (+ 0.012) 1.73 ng/ul m

response 82288

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	26.20#
226.00	26.90	26.04
0.00	0.00	0.00

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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	78748	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	385255	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.604	164	270249	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.369	188	666651	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	729596	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	815154	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	6729	3.024	ng/uL	0.00
4) Pyridine-d5	3.740	84	75410	13.587	ng/ul	0.02
7) Phenol-d5	7.163	99	154015	21.653	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.293	67	98809	20.544	ng/ul	0.02
11) 2-Chlorophenol-d4	7.493	132	117976	22.976	ng/ul	0.02
15) 4-Methylphenol-d8	8.740	113	99725m	17.404	ng/ul	0.05
21) Nitrobenzene-d5	9.175	128	57409	21.600	ng/ul	0.04
24) 2-Nitrophenol-d4	9.910	143	67536	22.295	ng/ul	0.05
28) 2,4-Dichlorophenol-d3	10.516	165	125845m	23.990	ng/ul	0.09
31) 4-Chloroaniline-d4	11.081	131	36396m	4.329	ng/ul	0.14
46) Dimethylphthalate-d6	14.028	166	547965	26.581	ng/ul	0.02
49) Acenaphthylene-d8	14.304	160	550388	24.362	ng/ul	0.01
54) 4-Nitrophenol-d4	14.975	143	61147m	14.534	ng/ul	0.05
60) Fluorene-d10	15.610	176	479023	27.765	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.816	200	55128	14.325	ng/ul	0.04
73) Anthracene-d10	17.475	188	679519	23.303	ng/ul	0.00
81) Pyrene-d10	19.704	212	1074827	28.390	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	971684	24.822	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.410	178	84744	2.440	ng/ul	99
80) Fluoranthene	19.386	202	182213	4.116	ng/ul#	94
82) Pyrene	19.733	202	173348	3.667	ng/ul	99
85) Benzo(a)anthracene	21.457	228	82288m	1.732	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.322	149	81674	2.682	ng/ul#	100
87) Chrysene	21.510	228	91564	1.902	ng/ul	98
90) Benzo(b)fluoranthene	23.204	252	115523	2.481	ng/ul#	91
93) Benzo(a)pyrene	23.845	252	65110	1.412	ng/ul#	85

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

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

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