

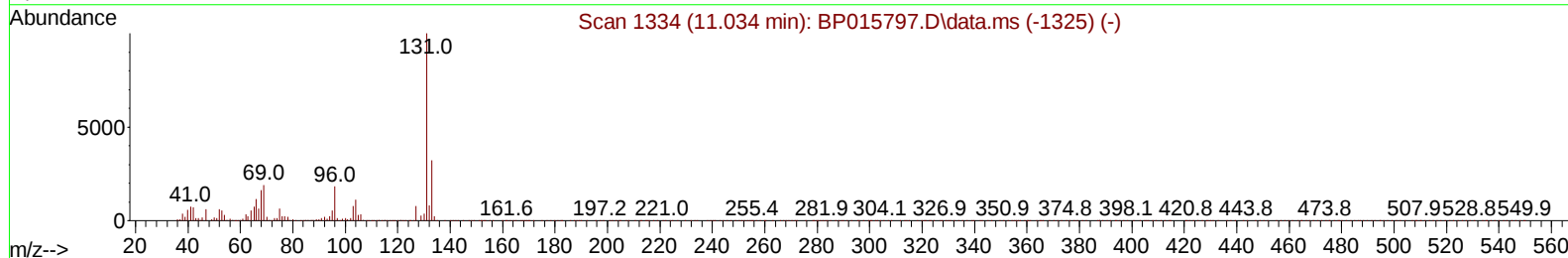
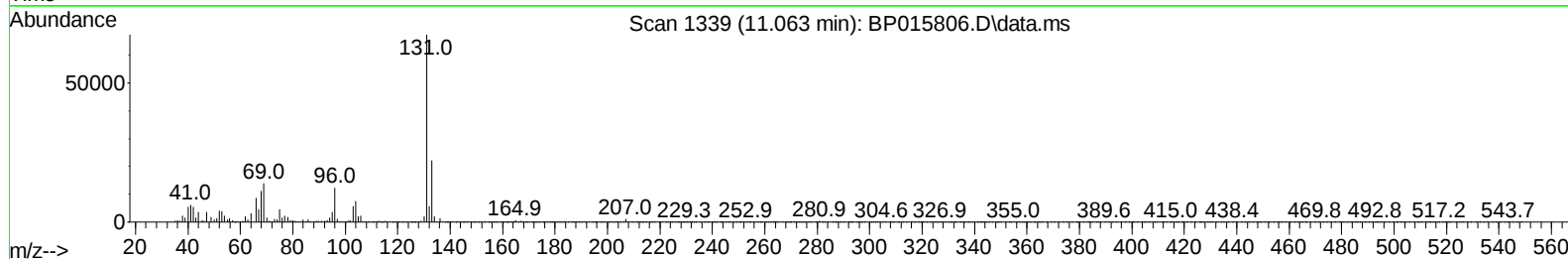
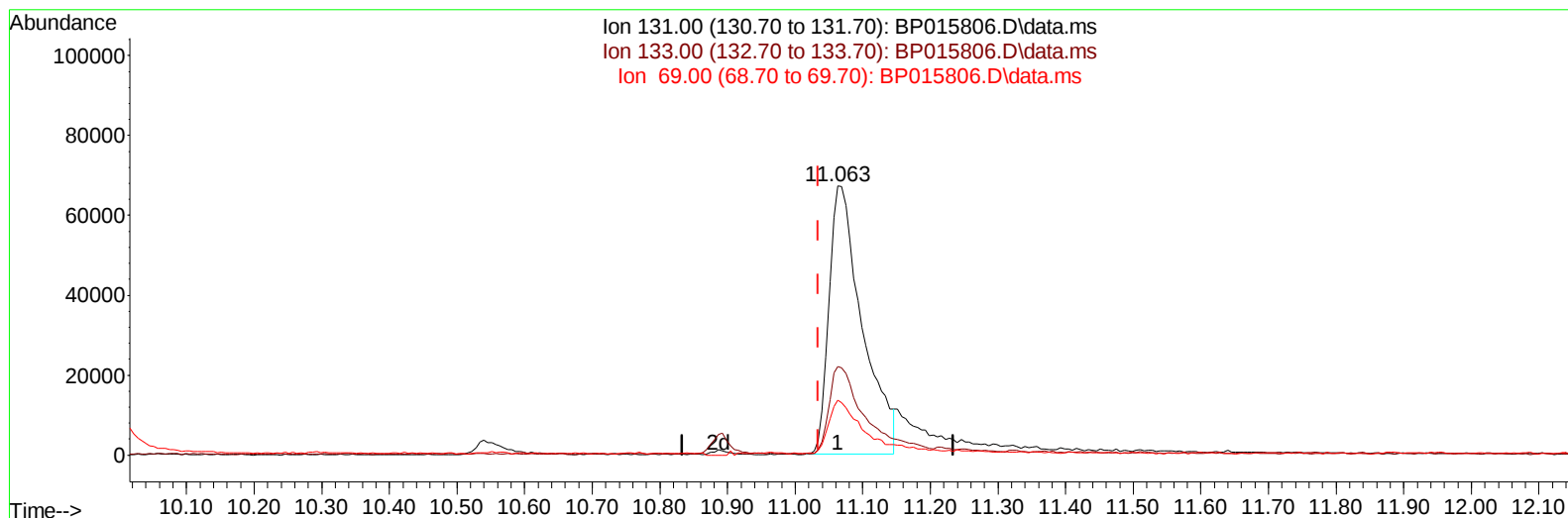
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015806.D
 Acq On : 29 Jun 2023 12:23
 Operator : MA/JU
 Sample : 03143-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFV0

Manual IntegrationsAPPROVED

Quant Time: Jun 29 22:25:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



TIC: BP015806.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.063min (+ 0.029) 9.45 ng/u1

response 228817

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	32.82
69.00	22.20	20.52
0.00	0.00	0.00

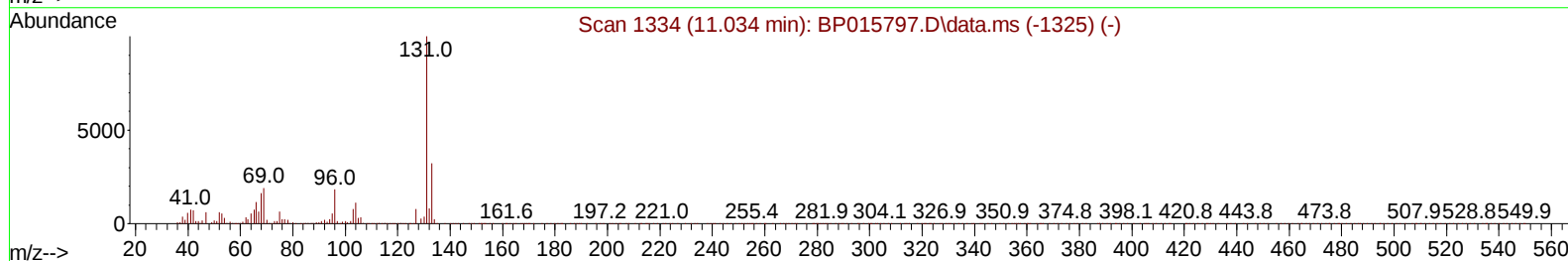
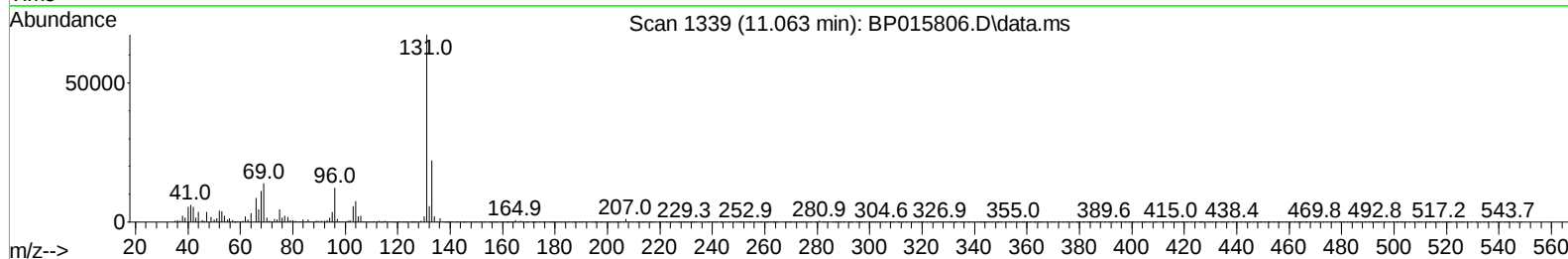
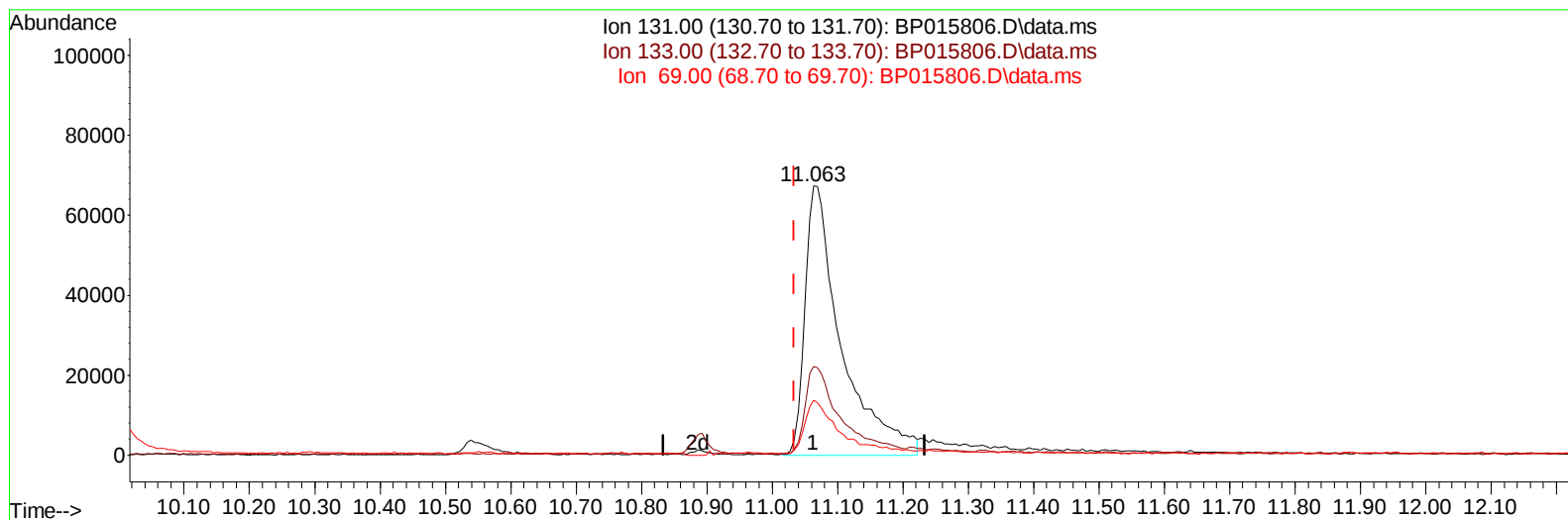
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015806.D
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 Operator : MA/JU
 Sample : 03143-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



TIC: BP015806.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.063min (+ 0.029) 10.79 ng/ul m

response 261302

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	32.82
69.00	22.20	20.52
0.00	0.00	0.00

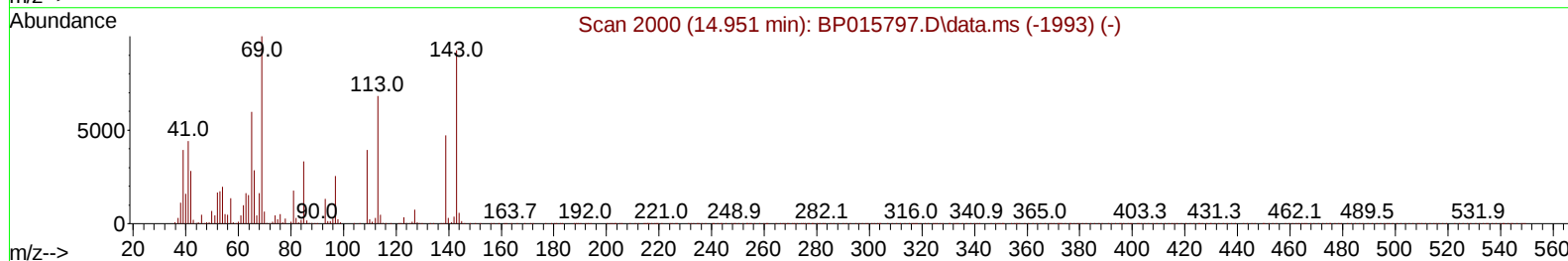
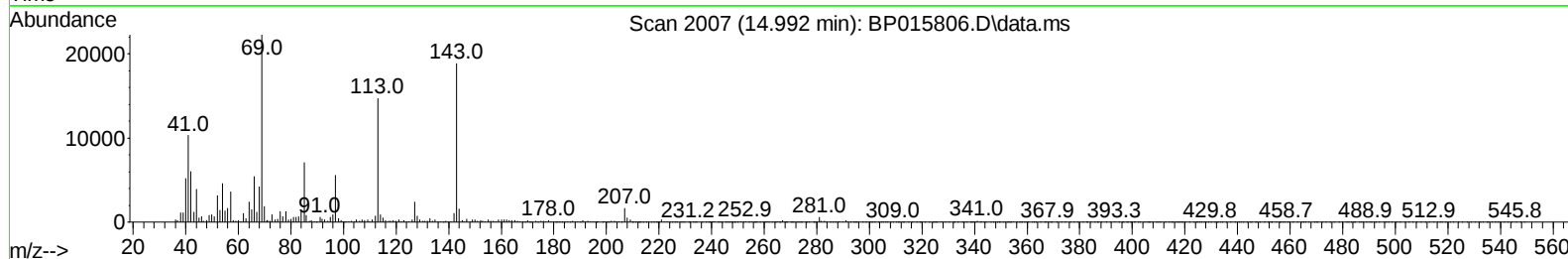
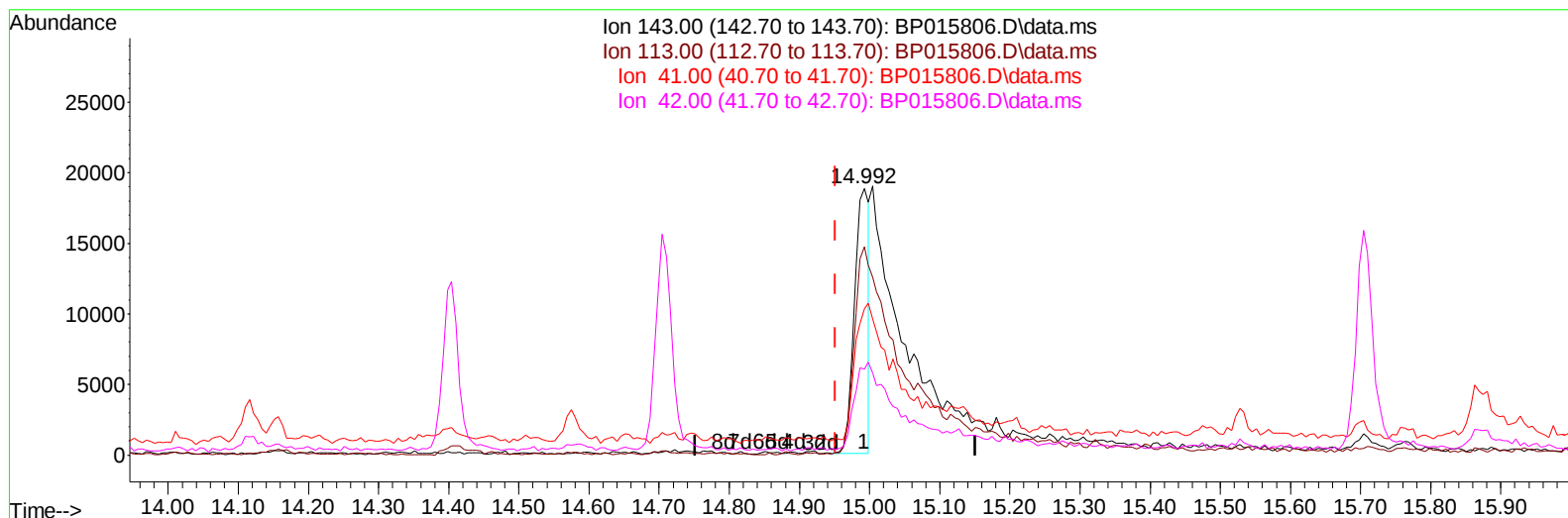
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015806.D
 Acq On : 29 Jun 2023 12:23
 Operator : MA/JU
 Sample : 03143-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP015806.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.992min (+ 0.041) 4.07 ng/u1

response 27442

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	78.02
41.00	45.70	54.71
42.00	31.20	32.13

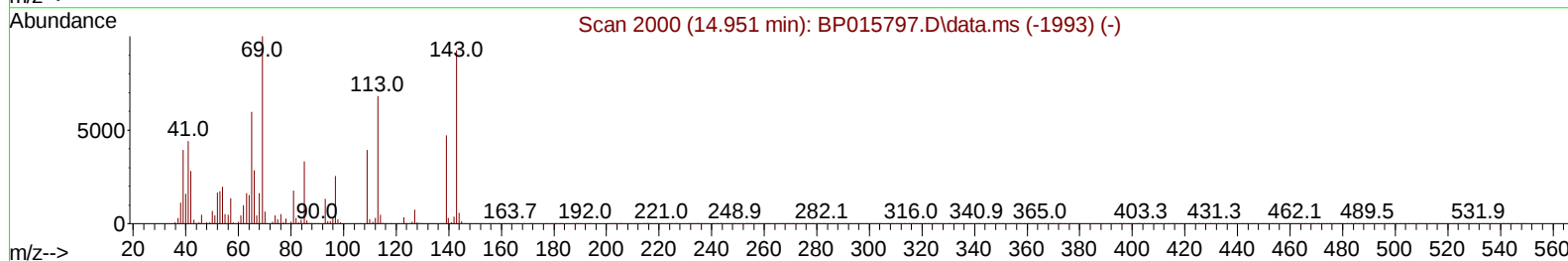
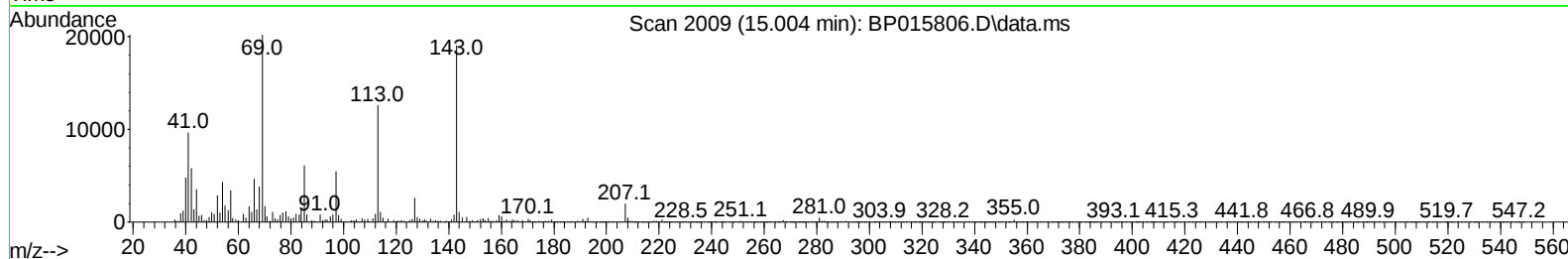
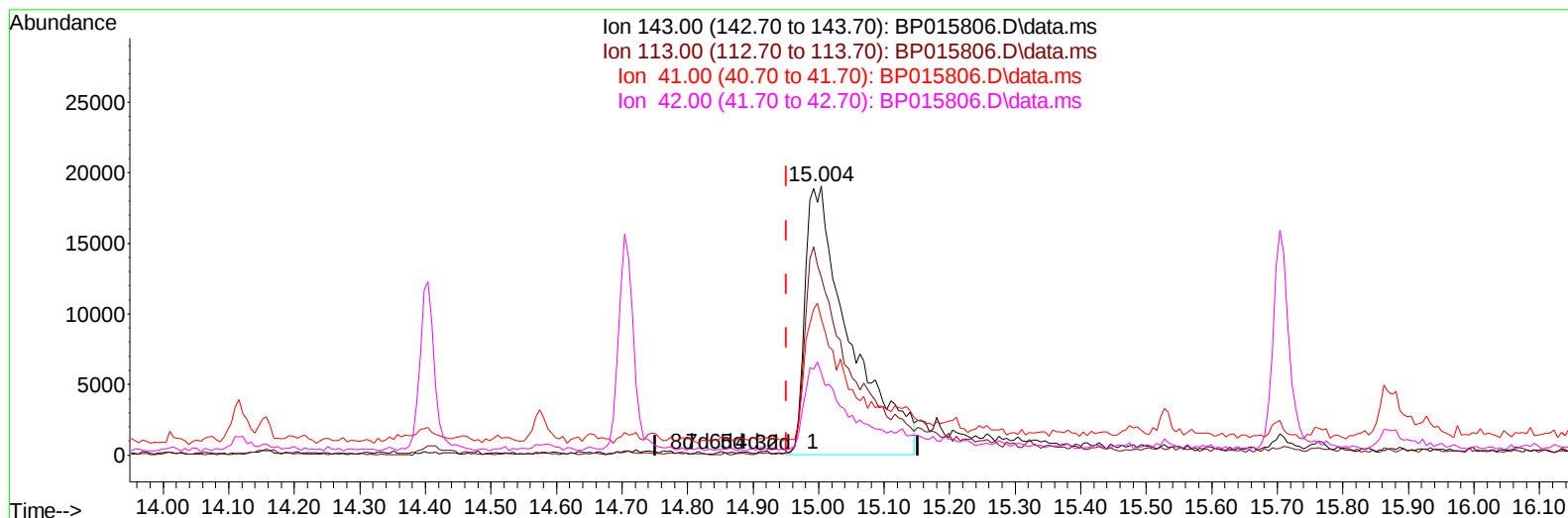
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jun 29 22:25:53 2023
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TIC: BP015806.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.004min (+ 0.053) 13.44 ng/ul m

response 90601

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	66.20#
41.00	45.70	50.57
42.00	31.20	30.61

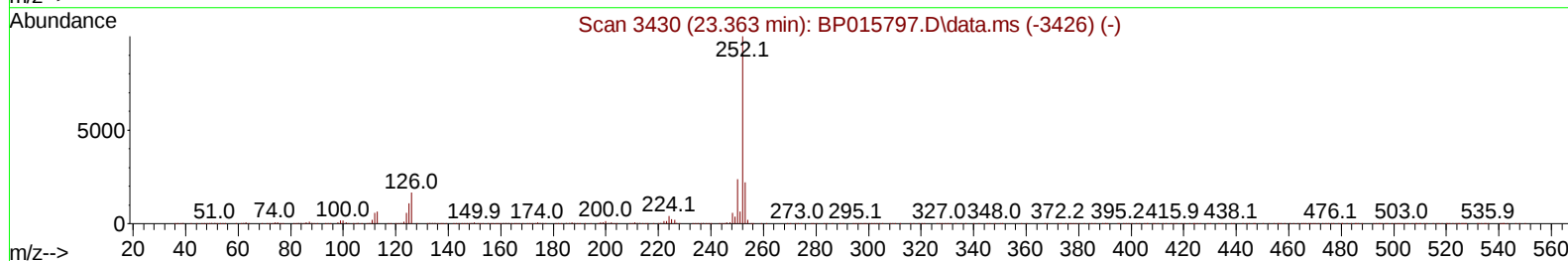
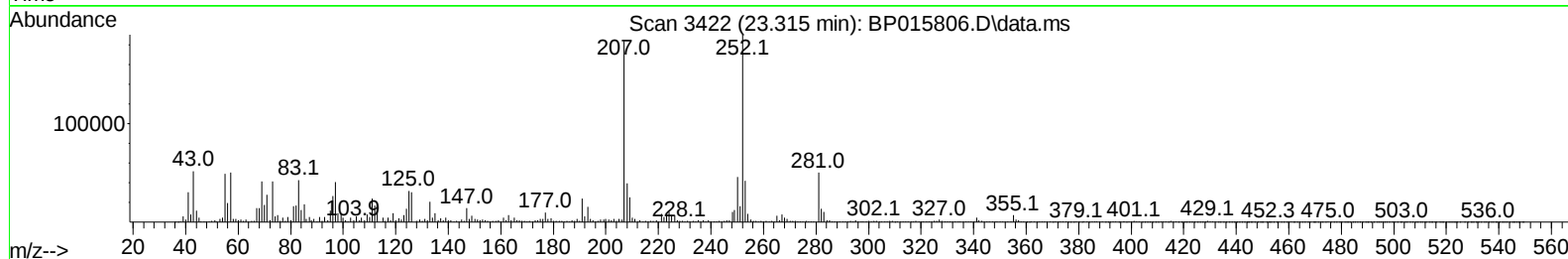
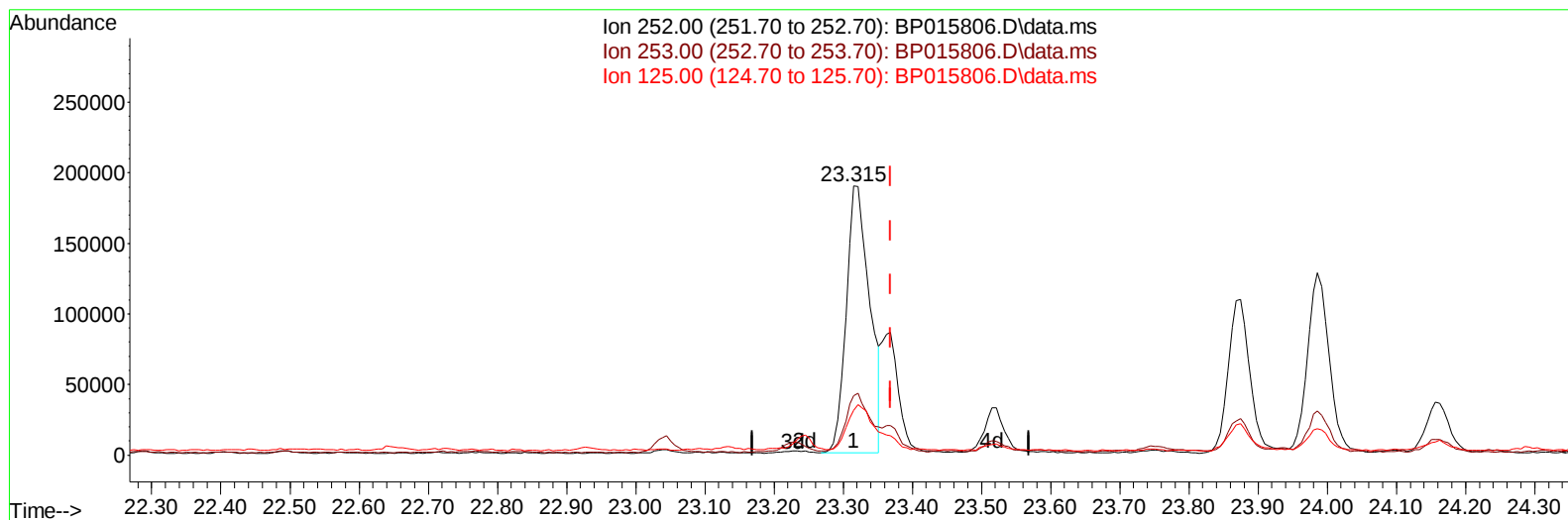
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Operator : MA/JU
Sample : 03143-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFV0

Manual IntegrationsAPPROVED

Quant Time: Jun 29 23:06:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



TIC: BP015806.D\data.ms

(91) Benzo(k)fluoranthene

23.315min (-0.053) 6.17 ng/u1

response 443822

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	21.96
125.00	9.10	16.70#
0.00	0.00	0.00

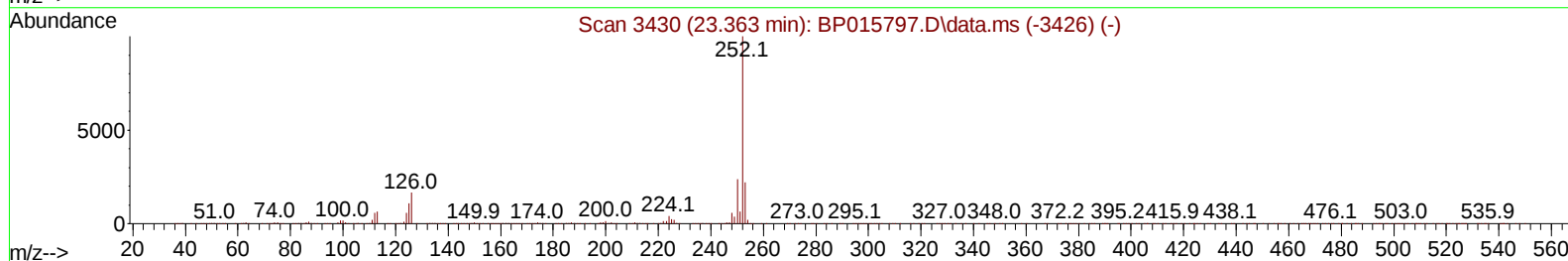
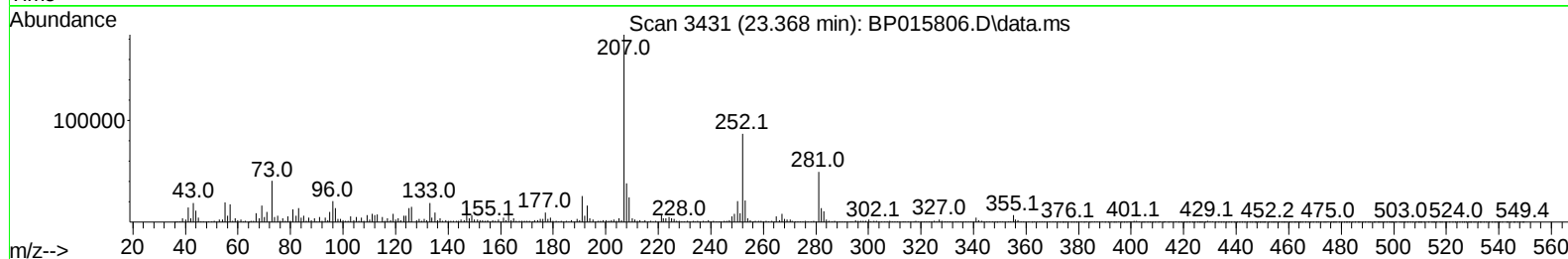
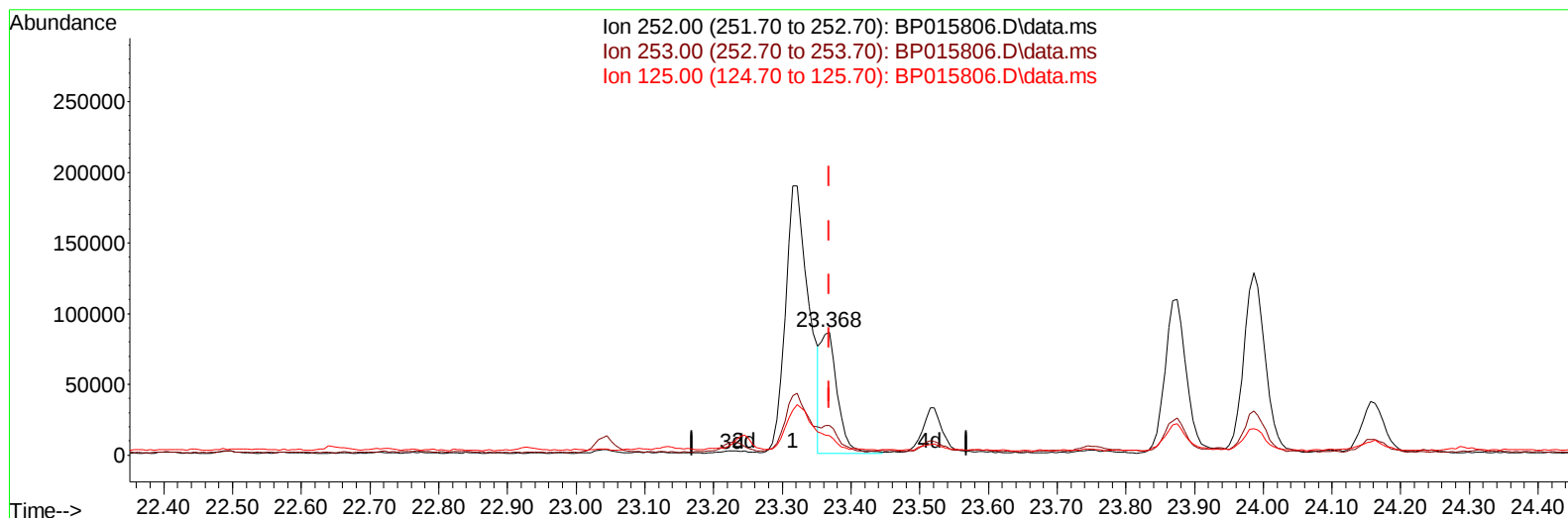
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: BP015806.D\data.ms

(91) Benzo(k)fluoranthene

23.368min (-0.000) 2.05 ng/u1 m

response 147492

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	24.16
125.00	9.10	15.59#
0.00	0.00	0.00

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 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 23:06:51 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	287755	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1186466	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.710	164	660691	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1244022	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	953115	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1108607	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	25633	3.205	ng/uL	0.00
4) Pyridine-d5	3.828	84	266666	13.227	ng/ul	0.00
7) Phenol-d5	7.234	99	484135	19.664	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	347651	22.823	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	398819	21.459	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	260221	13.379	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	199187	21.967	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	210729	19.912	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	328382	17.413	ng/ul	0.02
31) 4-Chloroaniline-d4	11.063	131	261302m	10.786	ng/ul	0.03
46) Dimethylphthalate-d6	14.116	166	1089925	21.343	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1251741	21.805	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	90601m	13.444	ng/ul	0.05
60) Fluorene-d10	15.704	176	882759	20.994	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	88803	11.607	ng/ul	0.01
73) Anthracene-d10	17.569	188	1211566	21.321	ng/ul	0.00
81) Pyrene-d10	19.792	212	1331615	21.396	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1211043	21.655	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	120965	1.790	ng/ul	99
80) Fluoranthene	19.474	202	313663	4.055	ng/ul#	94
82) Pyrene	19.827	202	270231	3.425	ng/ul#	91
85) Benzo(a)anthracene	21.539	228	191591	2.858	ng/ul	95
87) Chrysene	21.598	228	236279	3.714	ng/ul	97
90) Benzo(b)fluoranthene	23.315	252	443822	6.231	ng/ul#	93
91) Benzo(k)fluoranthene	23.368	252	147492m	2.049	ng/ul	
93) Benzo(a)pyrene	23.986	252	276440	4.441	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.804	276	241421	2.857	ng/ul#	86
96) Benzo(g,h,i)perylene	27.639	276	225807	3.248	ng/ul#	91

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

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