

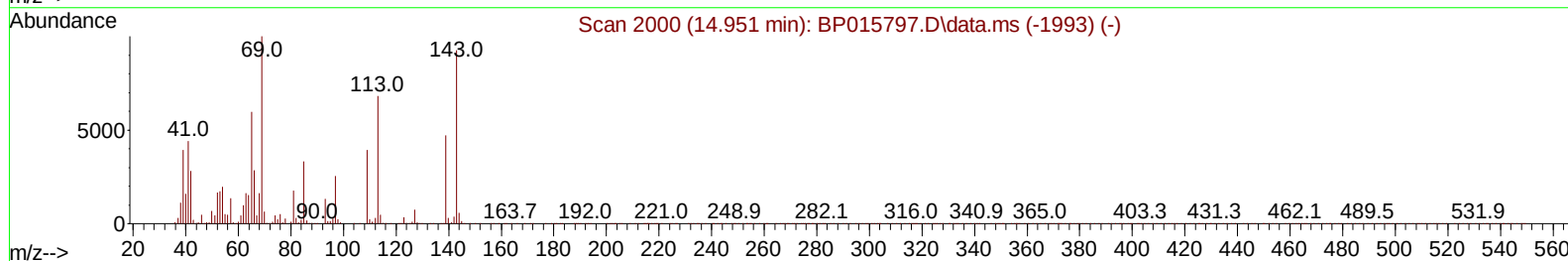
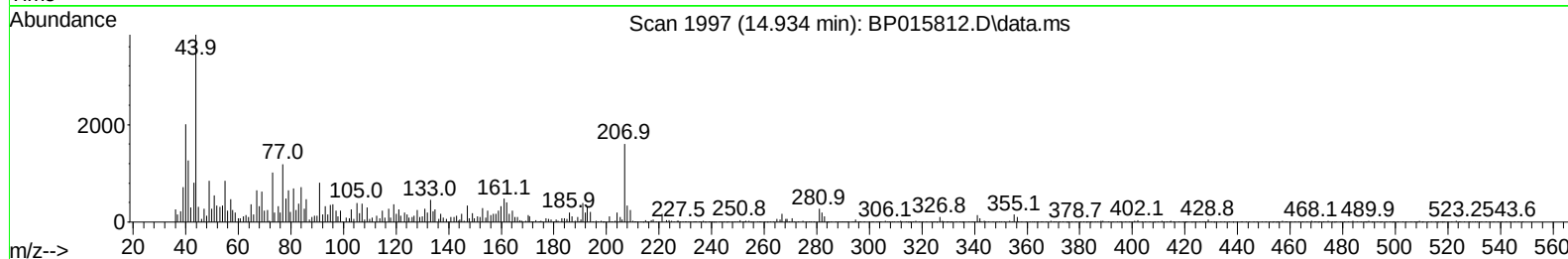
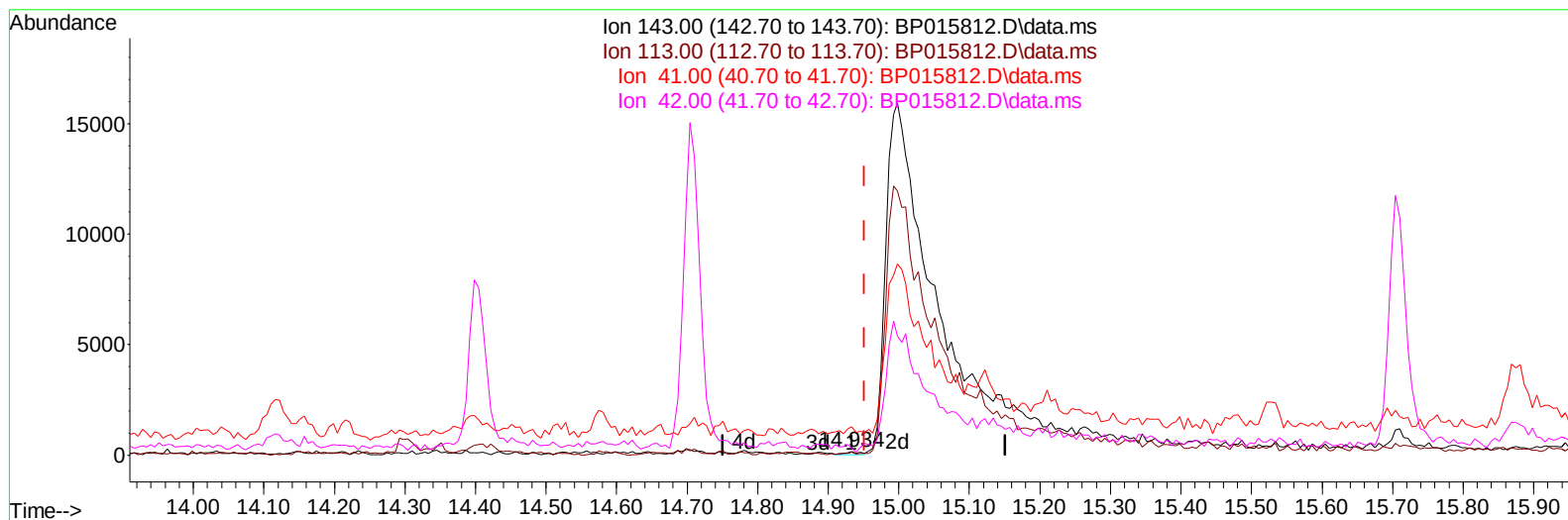
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015812.D
Acq On : 29 Jun 2023 15:47
Operator : MA/JU
Sample : 03143-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFV3

Manual IntegrationsAPPROVED

Quant Time: Jun 29 22:27:21 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: BP015812.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.934min (-0.018) 0.03 ng/uL

response 213

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	84.81
41.00	45.70	801.27#
42.00	31.20	187.34#

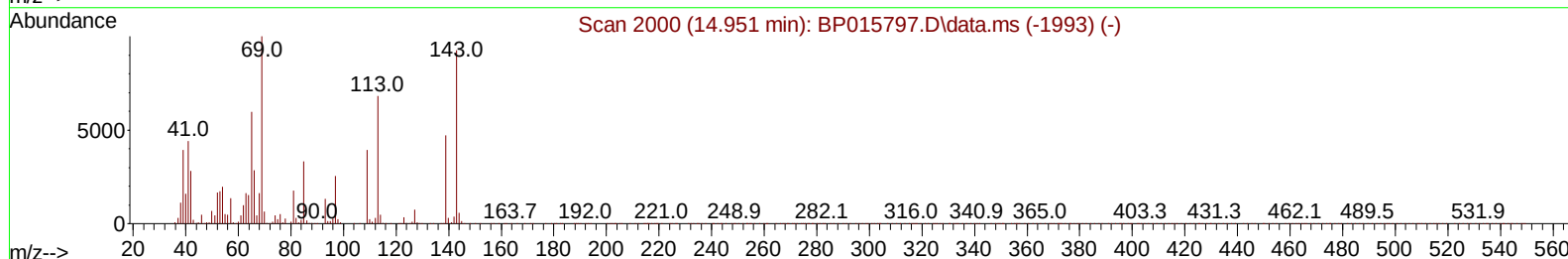
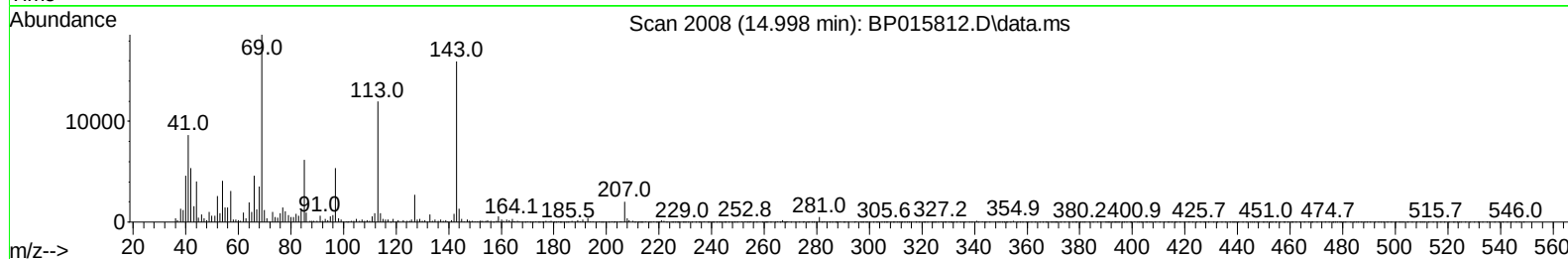
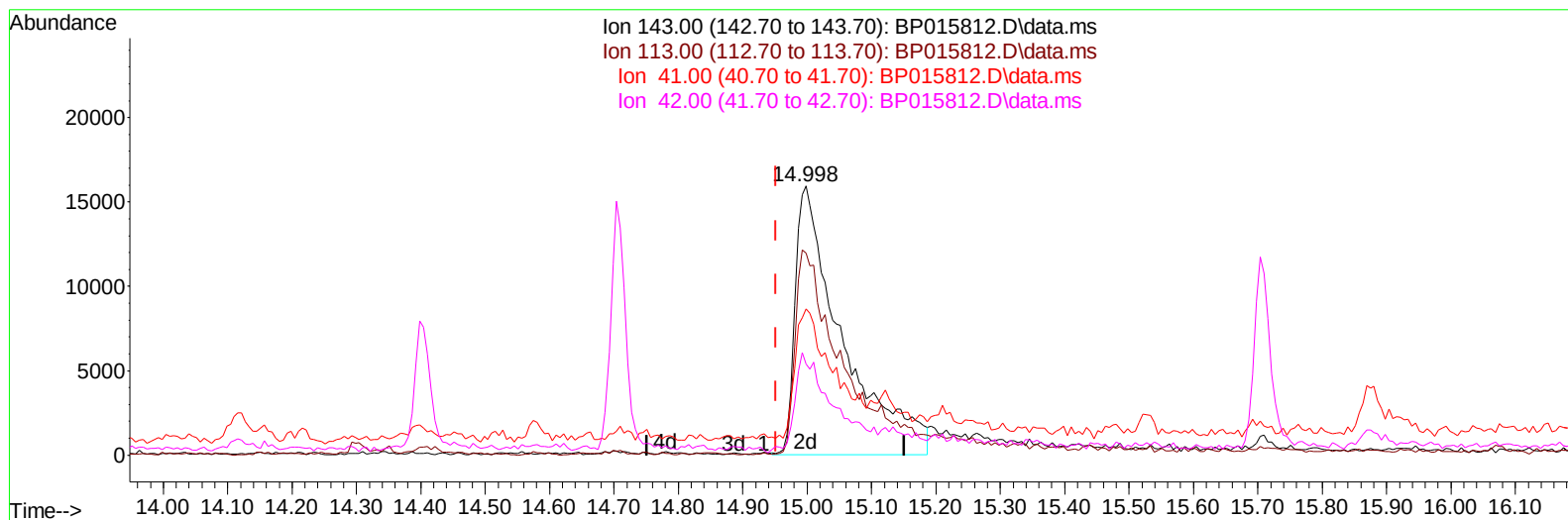
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015812.D
Acq On : 29 Jun 2023 15:47
Operator : MA/JU
Sample : 03143-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFV3

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/30/2023



TIC: BP015812.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.998min (+ 0.047) 12.22 ng/ul m

response 80328

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	75.02#
41.00	45.70	54.28
42.00	31.20	33.77

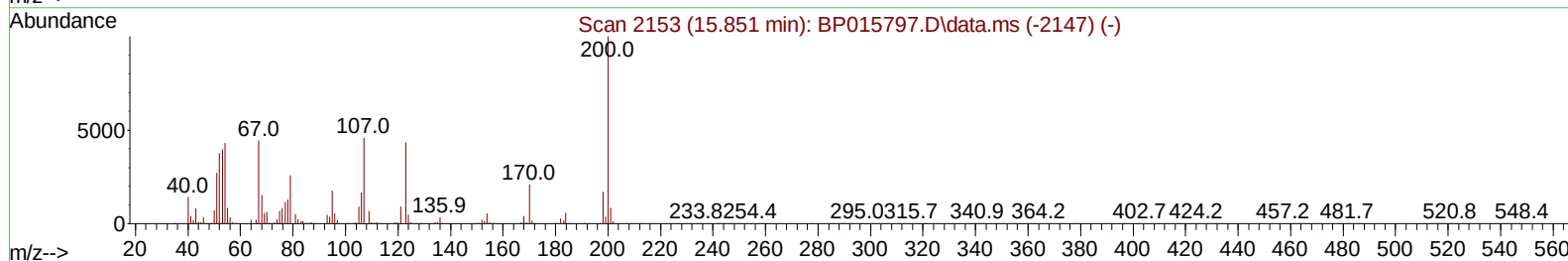
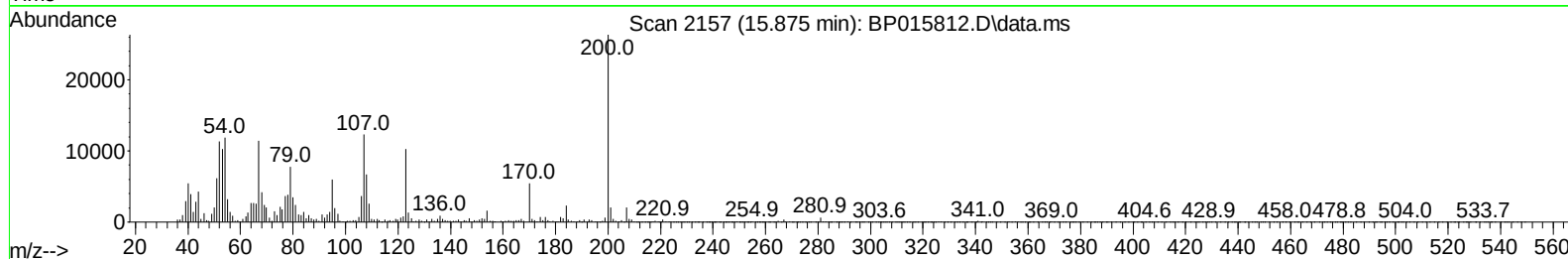
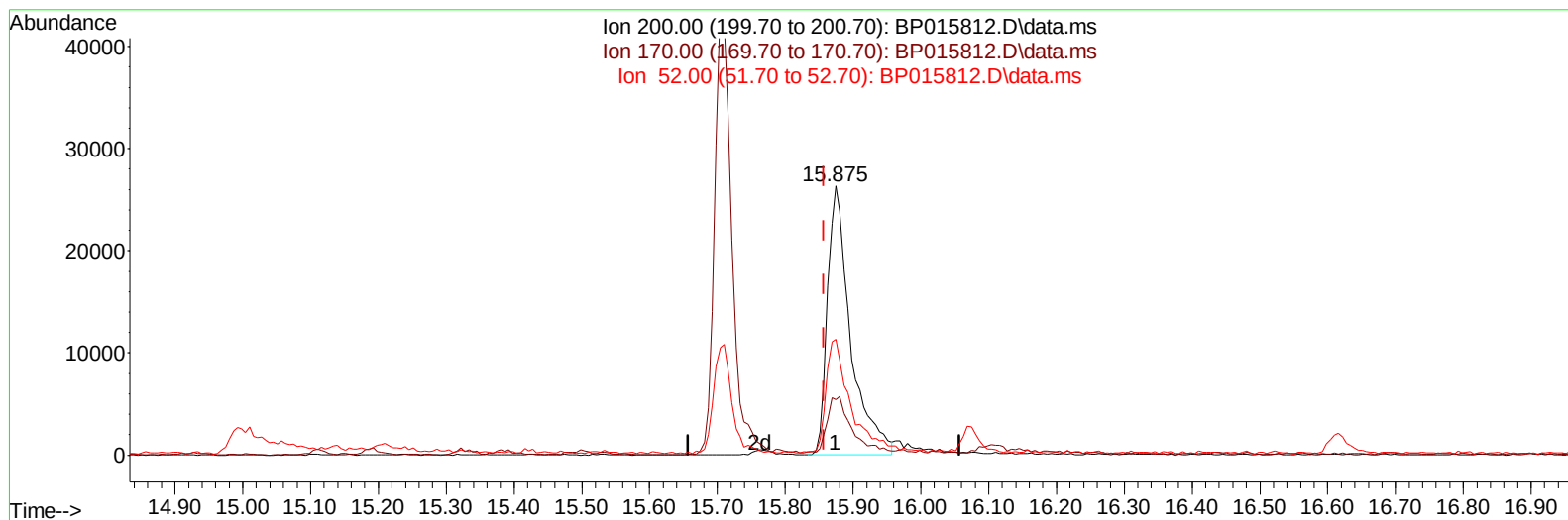
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015812.D
Acq On : 29 Jun 2023 15:47
Operator : MA/JU
Sample : 03143-16
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Instrument :
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TIC: BP015812.D\data.ms

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

15.875min (+ 0.017) 7.33 ng/ul

response 62094

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	20.75
52.00	52.20	43.07
0.00	0.00	0.00

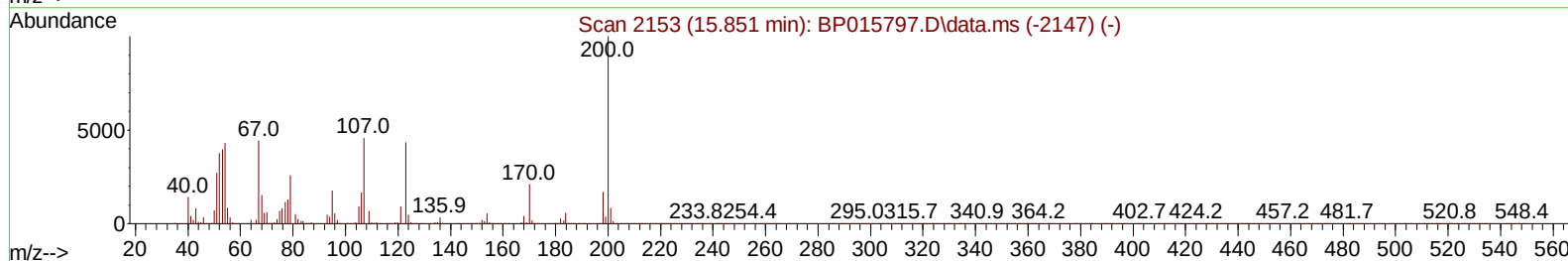
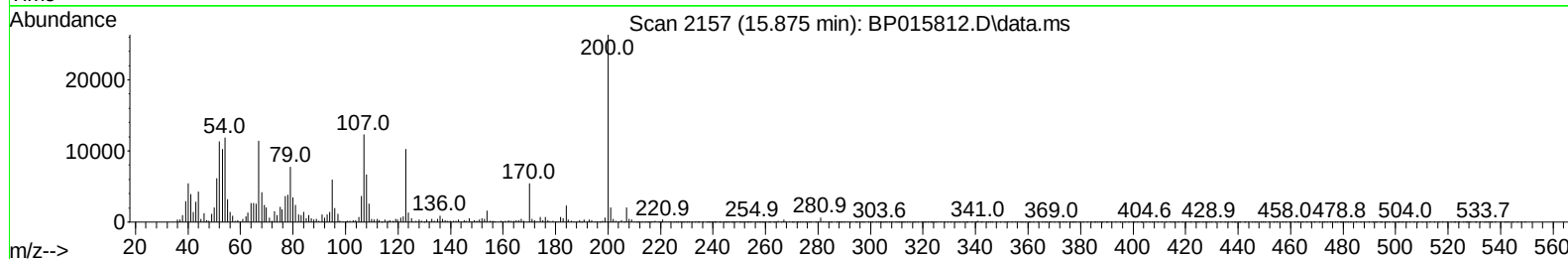
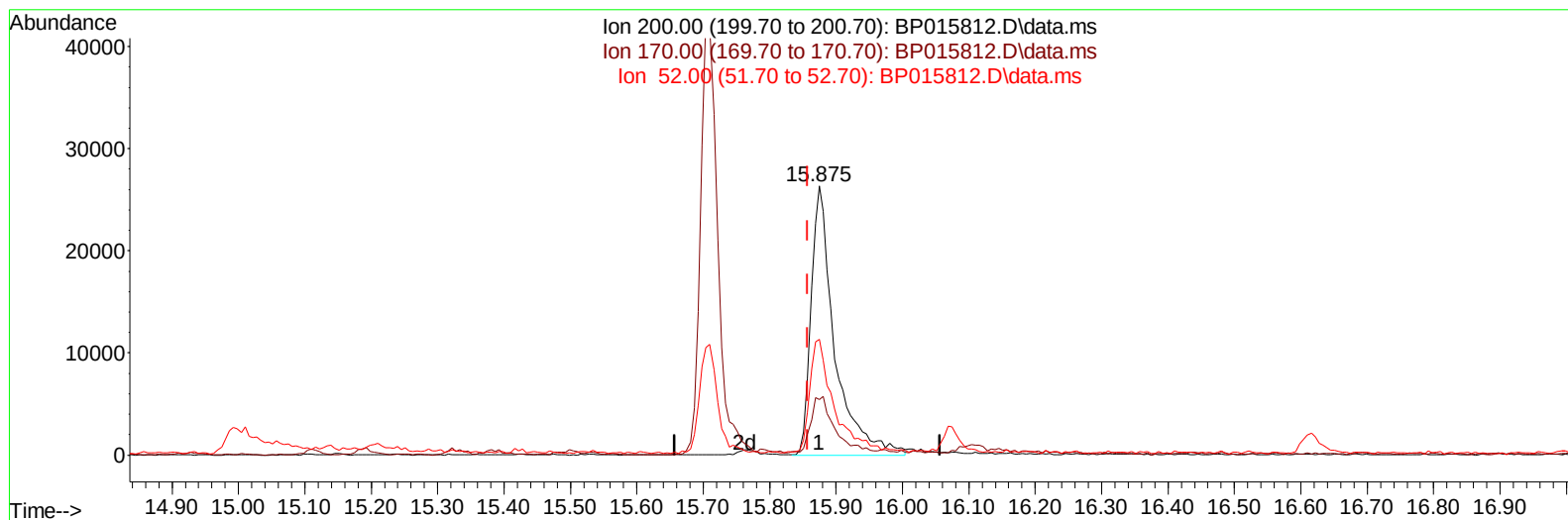
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015812.D
 Acq On : 29 Jun 2023 15:47
 Operator : MA/JU
 Sample : 03143-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP015812.D\data.ms

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

15.875min (+ 0.017) 7.68 ng/ul m

response 65094

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	20.75
52.00	52.20	43.07
0.00	0.00	0.00

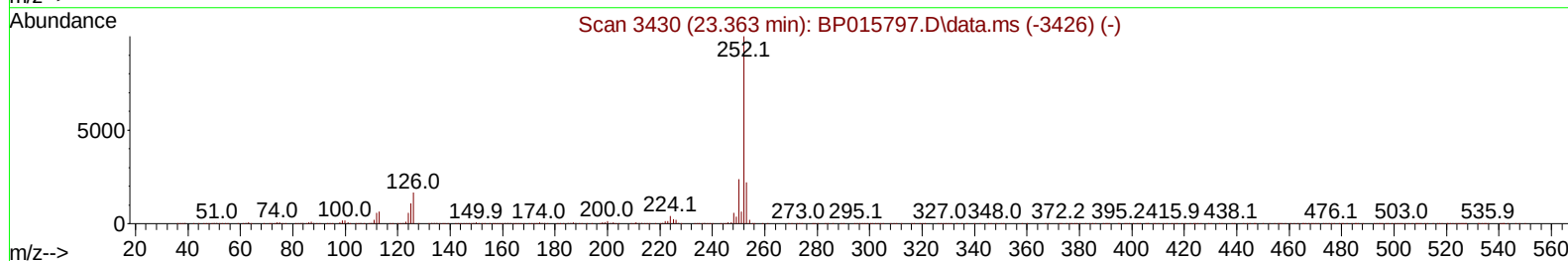
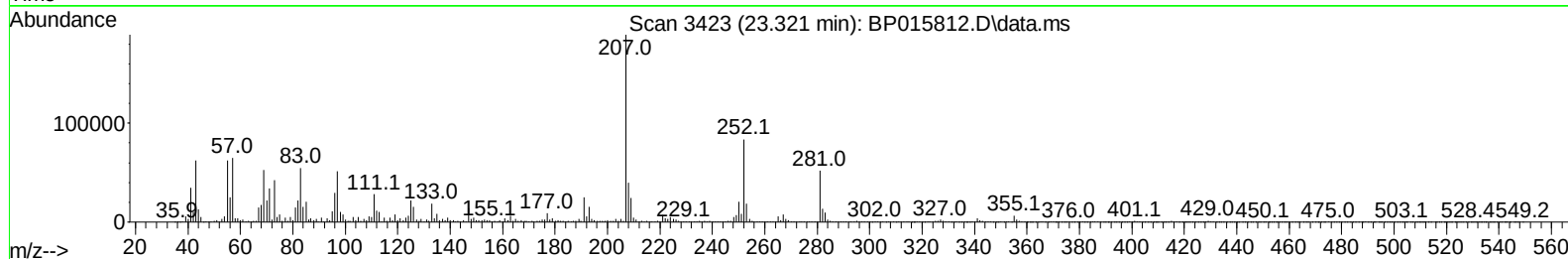
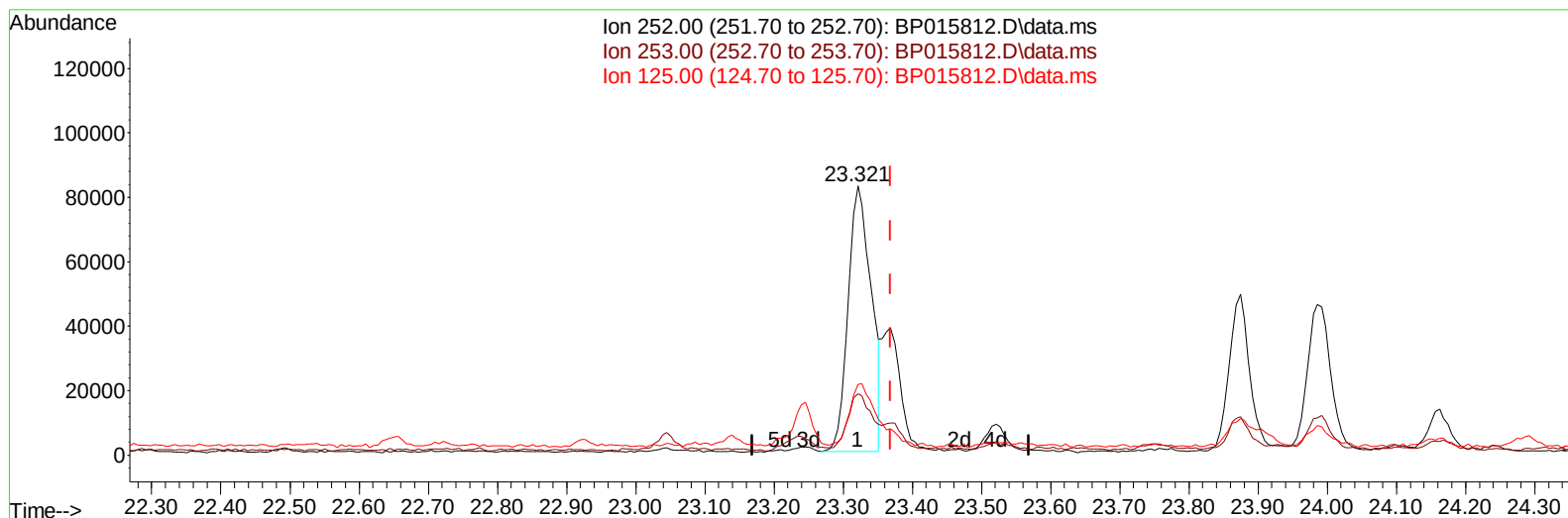
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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jun 29 23:40:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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TIC: BP015812.D\data.ms

(91) Benzo(k)fluoranthene

23.321min (-0.047) 2.81 ng/u1

response 191020

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	22.70
125.00	9.10	26.32#
0.00	0.00	0.00

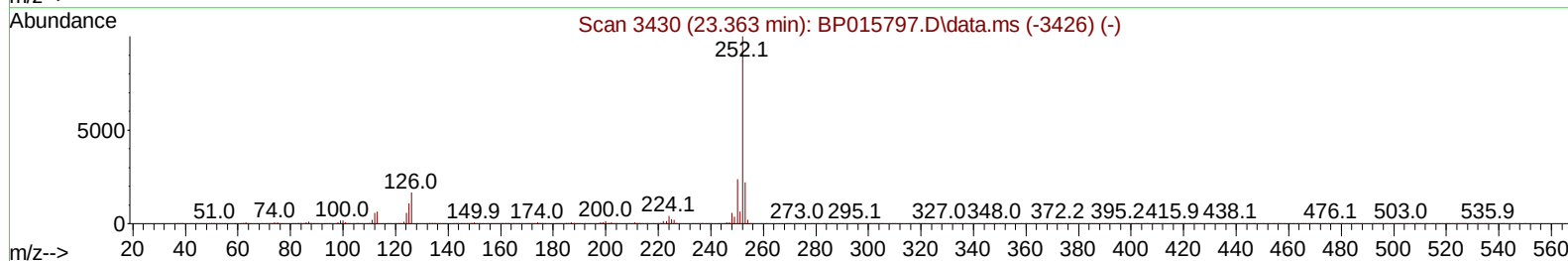
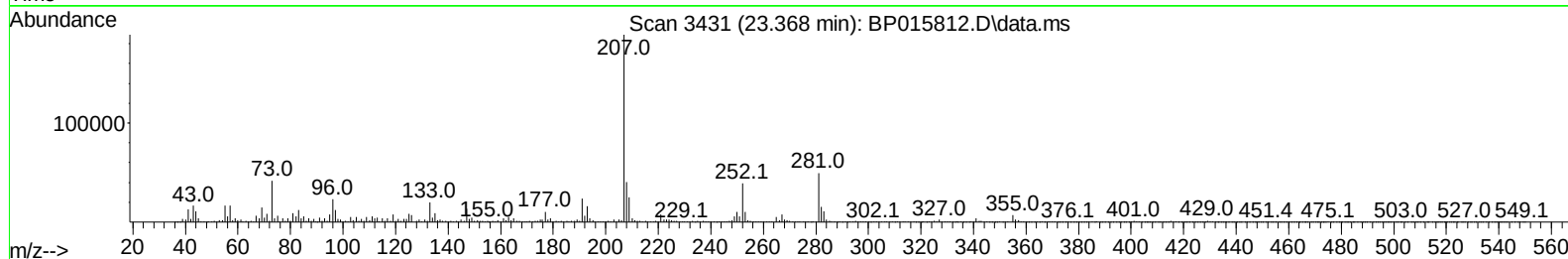
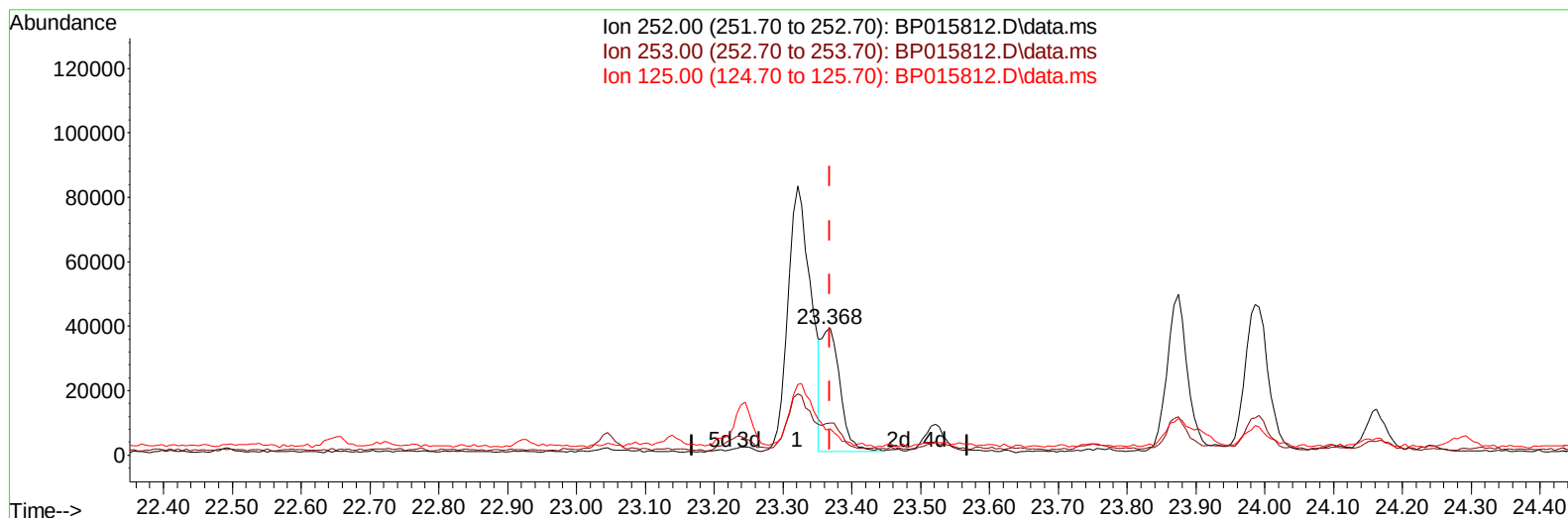
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 Operator : MA/JU
 Sample : 03143-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BP015812.D\data.ms

(91) Benzo(k)fluoranthene

23.368min (-0.000) 1.07 ng/ul m

response 72562

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	25.52#
125.00	9.10	20.63#
0.00	0.00	0.00

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 Operator : MA/JU
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 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	238272	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1042894	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	644259	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1377557	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	1035668	20.000	ng/ul	# 0.00
88) Perylene-d12	24.104	264	1048972	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	16552	2.499	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.240	99	270815	13.284	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	196285	15.562	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	229927	14.941	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	109424	6.794	ng/ul	0.02
21) Nitrobenzene-d5	9.257	128	103602	12.999	ng/ul	0.02
24) 2-Nitrophenol-d4	9.987	143	117496	12.631	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.563	165	183826	11.090	ng/ul	0.05
31) 4-Chloroaniline-d4	11.093	131	80655	3.788	ng/ul	0.06
46) Dimethylphthalate-d6	14.122	166	737653	14.813	ng/ul	0.01
49) Acenaphthylene-d8	14.404	160	830875	14.843	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	80328m	12.224	ng/ul	0.05
60) Fluorene-d10	15.710	176	641441	15.644	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.875	200	65094m	7.684	ng/ul	0.02
73) Anthracene-d10	17.569	188	946803	15.047	ng/ul	0.00
81) Pyrene-d10	19.792	212	1153910	17.063	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	834838	15.777	ng/ul	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.469	202	235621	2.803	ng/ul#	90
82) Pyrene	19.822	202	198138	2.311	ng/ul#	92
85) Benzo(a)anthracene	21.539	228	96209	1.321	ng/ul	97
87) Chrysene	21.598	228	142192	2.057	ng/ul	98
90) Benzo(b)fluoranthene	23.321	252	191020	2.834	ng/ul#	84
91) Benzo(k)fluoranthene	23.368	252	72562m	1.066	ng/ul	
93) Benzo(a)pyrene	23.986	252	106257	1.804	ng/ul#	88
94) Indeno(1,2,3-cd)pyrene	26.809	276	105118	1.315	ng/ul#	94
96) Benzo(g,h,i)perylene	27.651	276	94322	1.434	ng/ul#	91

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

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