

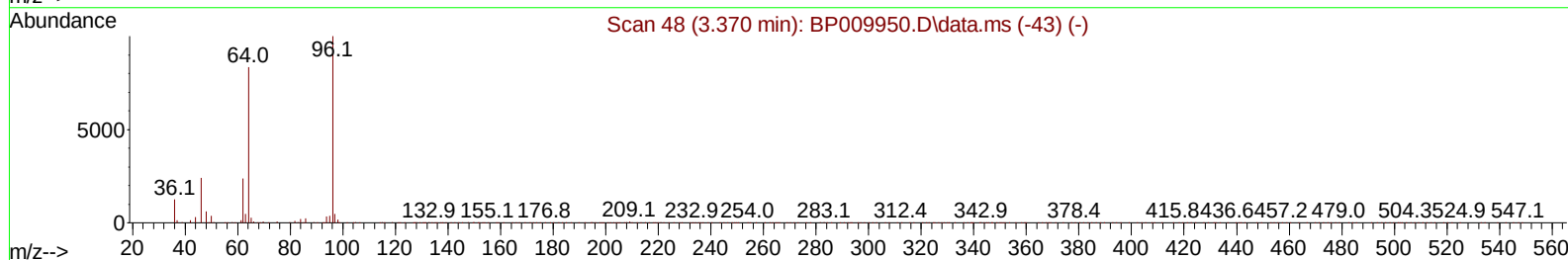
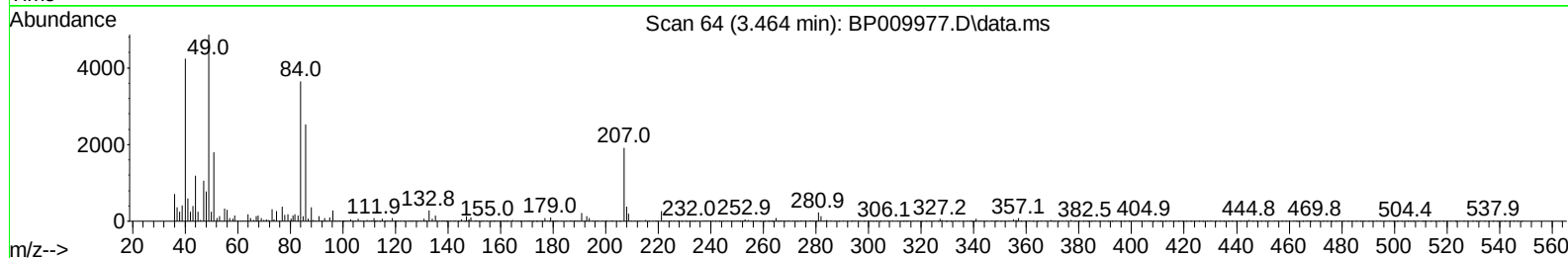
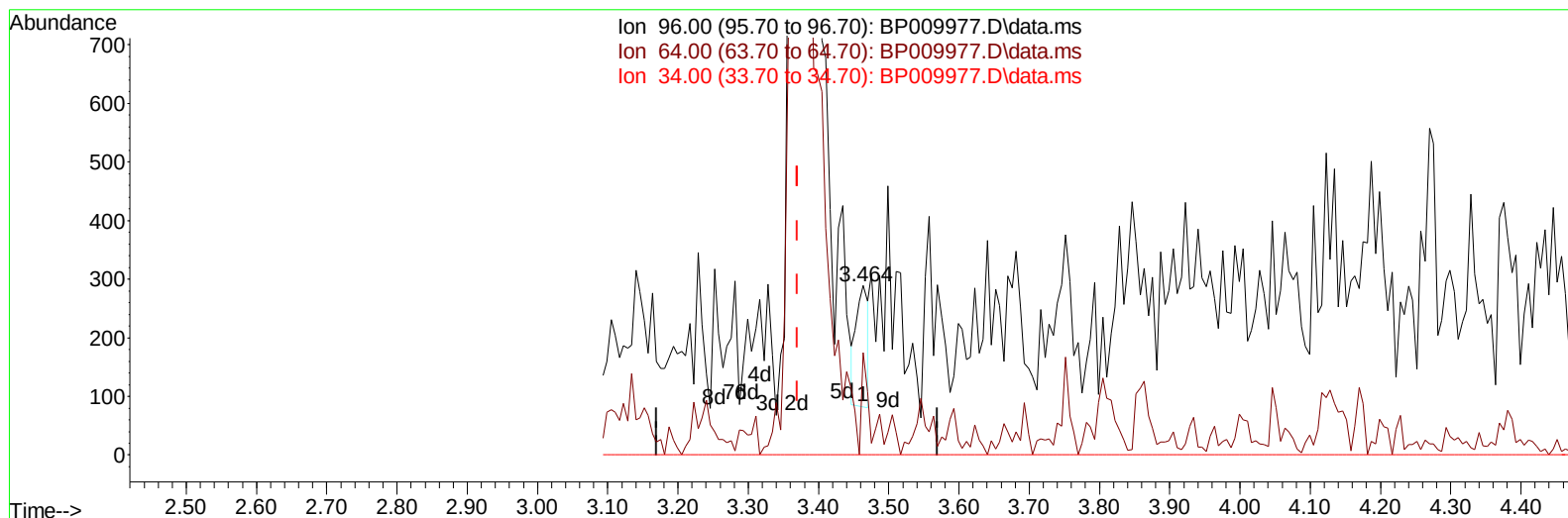
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009977.D
 Acq On : 20 Apr 2022 15:36
 Operator : CG/JU
 Sample : N2374-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFE3

Manual IntegrationsAPPROVED

Quant Time: Apr 21 01:06:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 20 01:32:14 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/21/2022
 Supervised By :Yogesh Patel 04/25/2022



TIC: BP009977.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.464min (+ 0.094) 0.08 ng/uL

response 244

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	55.40	60.55
34.00	0.00	0.00
0.00	0.00	0.00

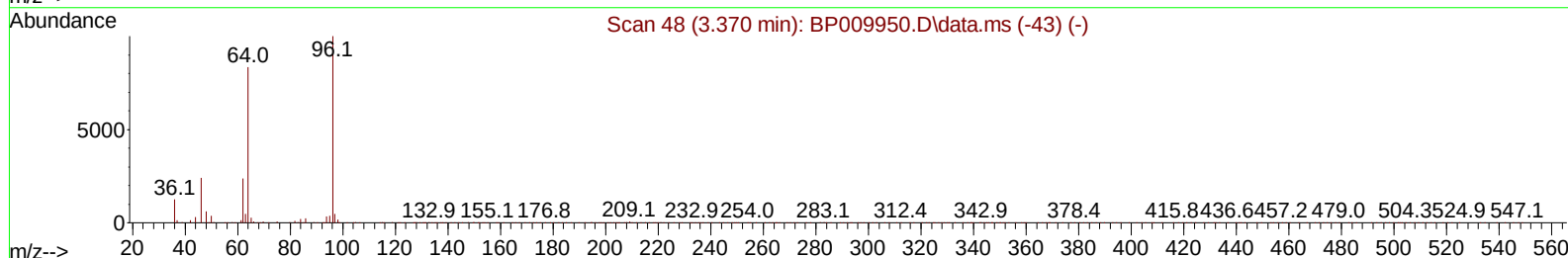
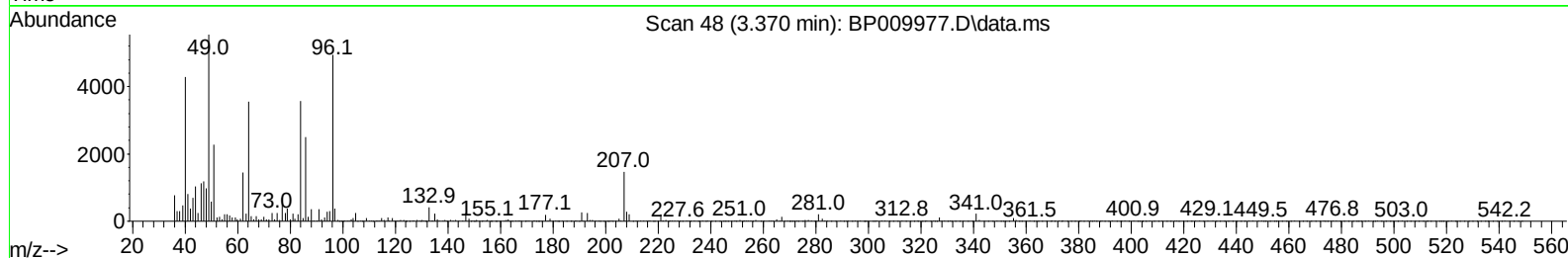
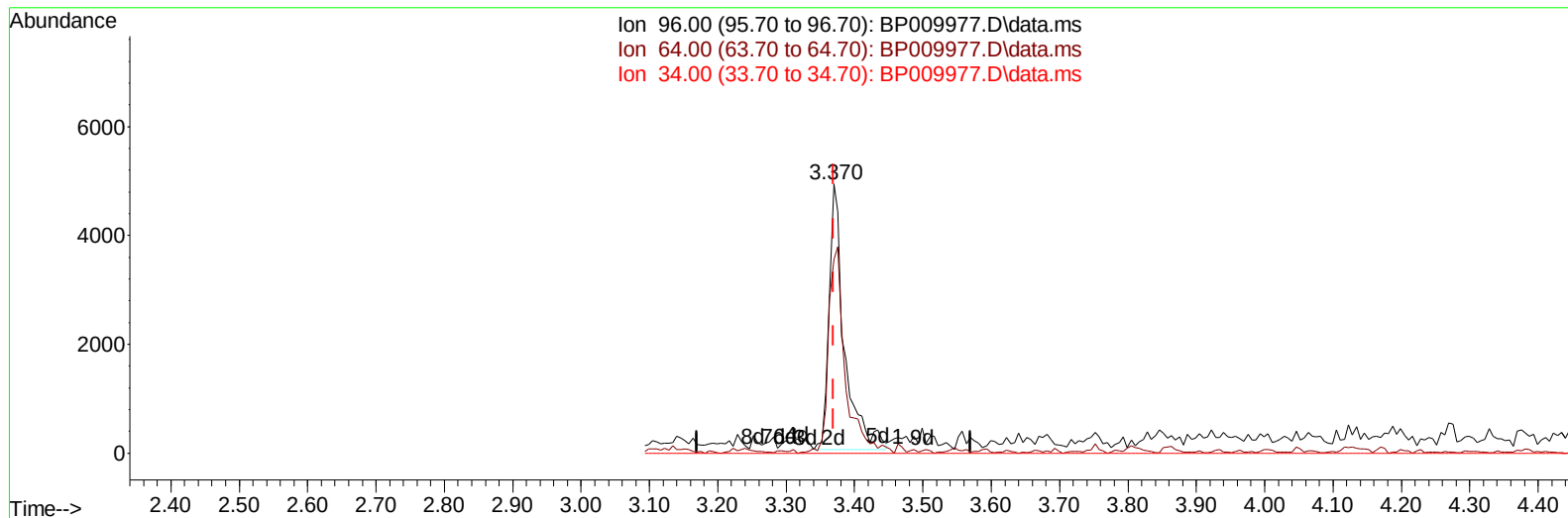
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
Data File : BP009977.D
Acq On : 20 Apr 2022 15:36
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Sample : N2374-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Supervised By :Yogesh Patel 04/25/2022



TIC: BP009977.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.370min (-0.000) 2.63 ng/uL m

response 7659

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	55.40	71.96#
34.00	0.00	0.00
0.00	0.00	0.00

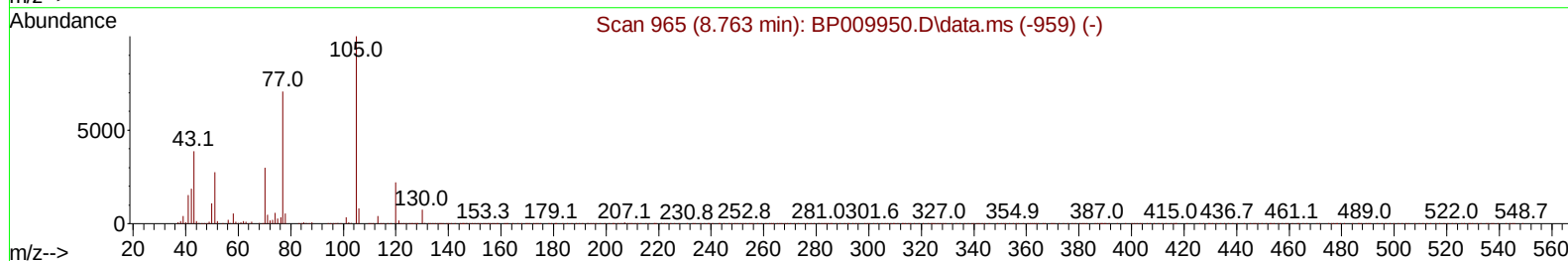
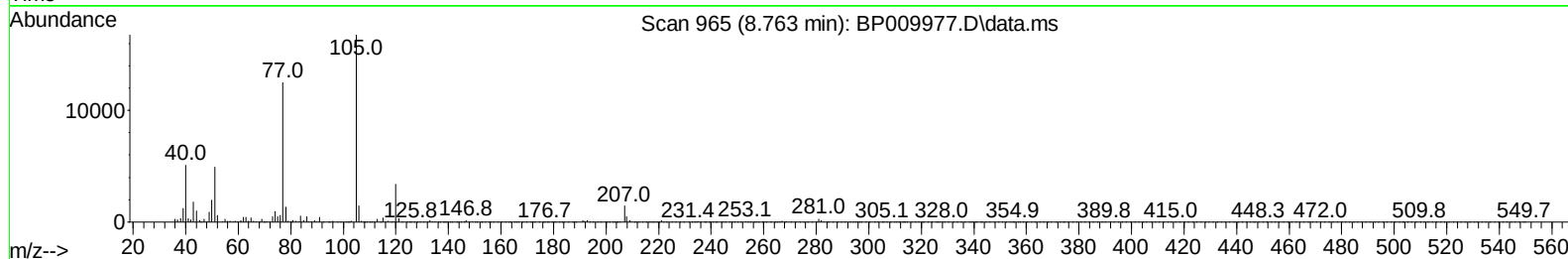
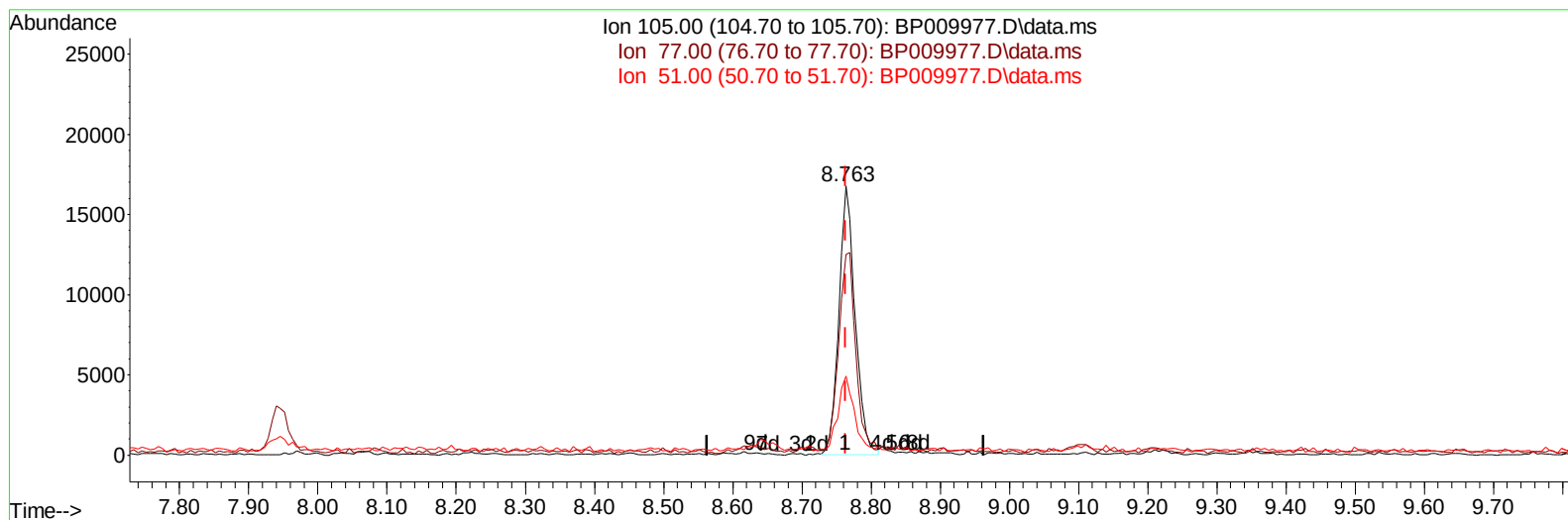
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009977.D
 Acq On : 20 Apr 2022 15:36
 Operator : CG/JU
 Sample : N2374-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFE3

Manual IntegrationsAPPROVED

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TIC: BP009977.D\data.ms

(16) Acetophenone

8.763min (-0.000) 1.82 ng/u1

response 27338

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	66.80	74.70
51.00	17.30	29.34#
0.00	0.00	0.00

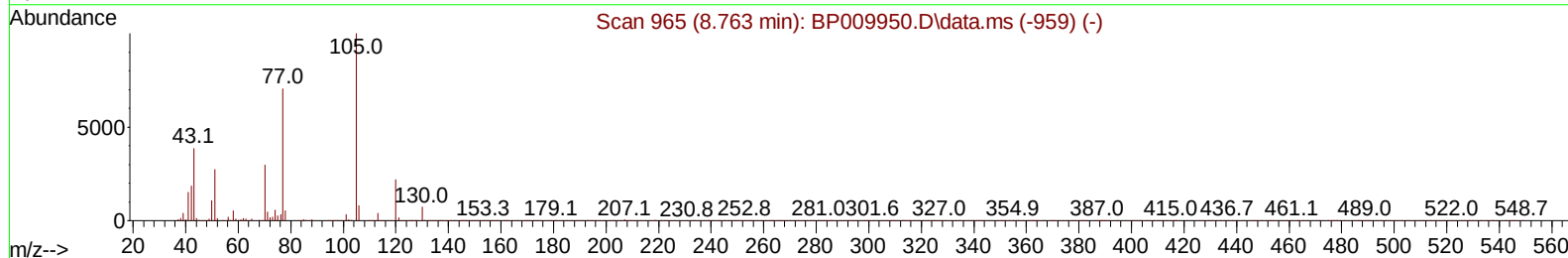
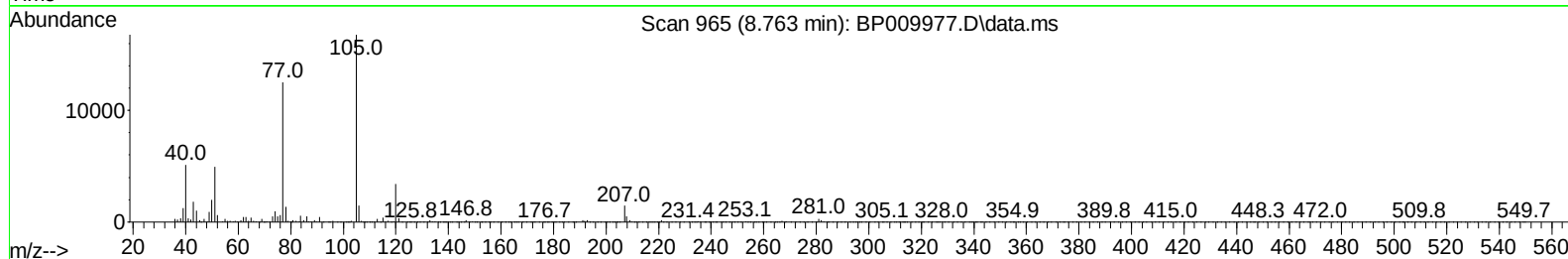
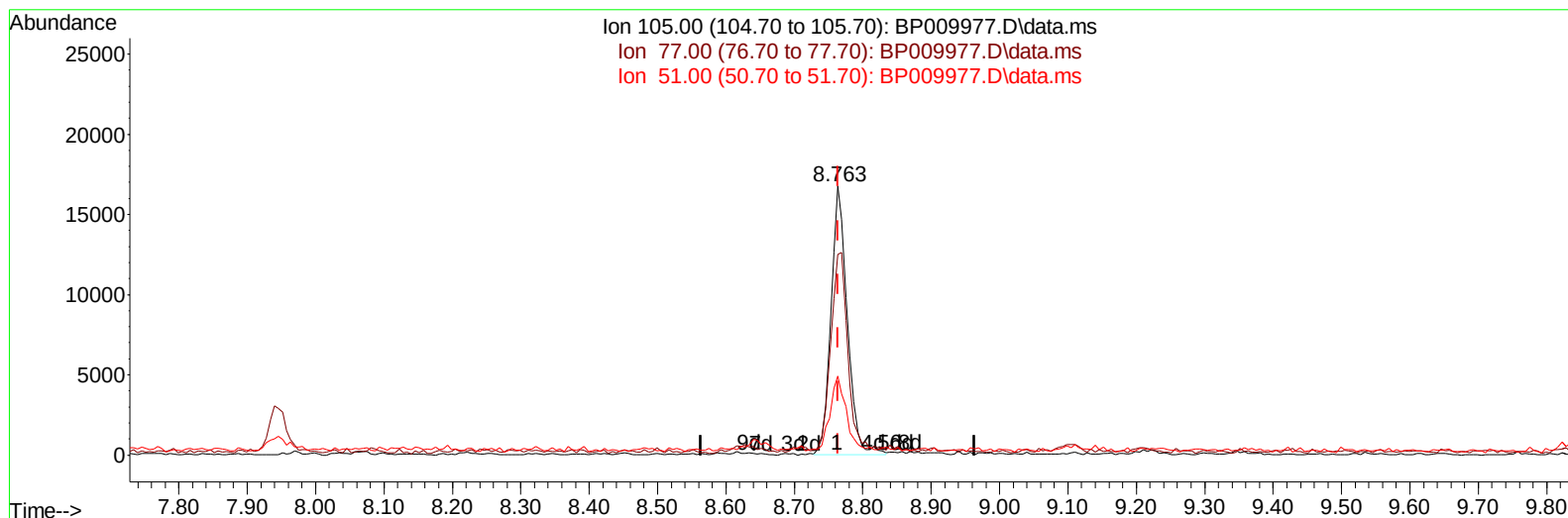
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009977.D
 Acq On : 20 Apr 2022 15:36
 Operator : CG/JU
 Sample : N2374-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFE3

Manual IntegrationsAPPROVED

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 Supervised By :Yogesh Patel 04/25/2022



TIC: BP009977.D\data.ms

(16) Acetophenone

8.763min (-0.000) 1.86 ng/ul m

response 27901

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	66.80	74.70
51.00	17.30	29.34#
0.00	0.00	0.00

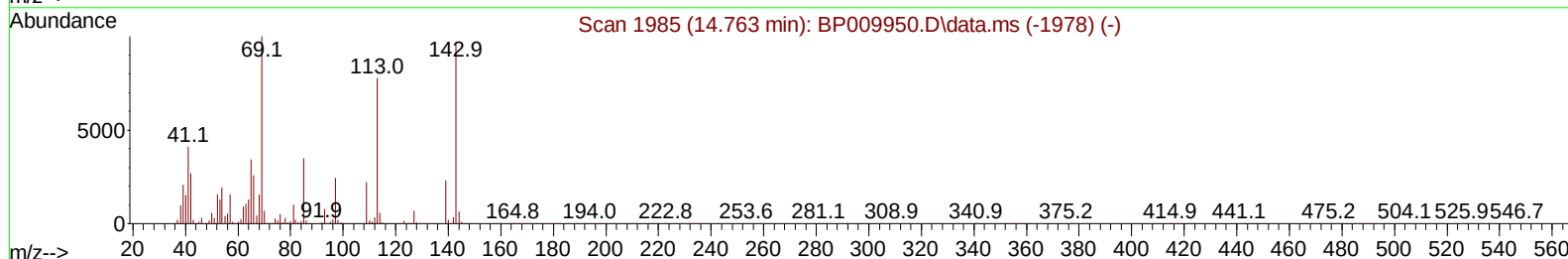
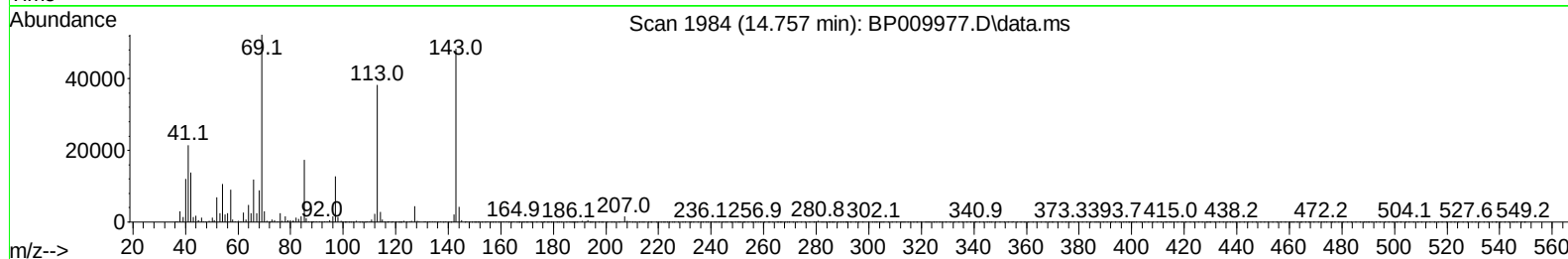
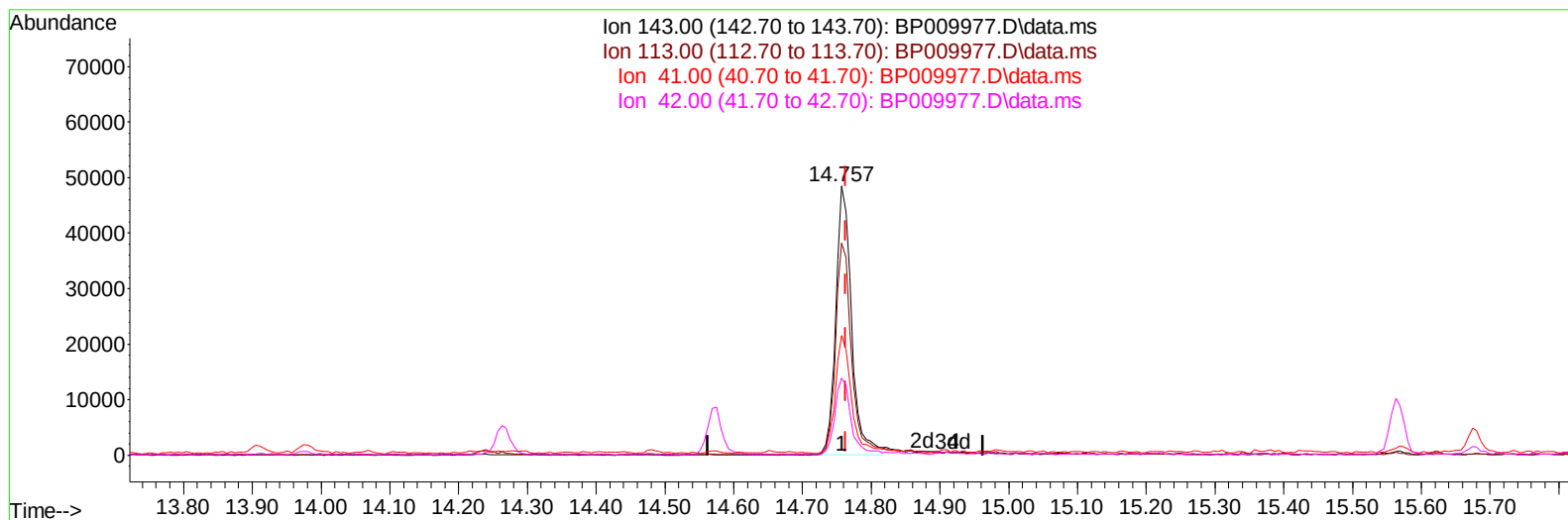
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
Data File : BP009977.D
Acq On : 20 Apr 2022 15:36
Operator : CG/JU
Sample : N2374-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFFE3

Manual IntegrationsAPPROVED

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TIC: BP009977.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.757min (-0.006) 13.14 ng/ul

response 77898

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	132.70	78.95#
41.00	23.20	44.37#
42.00	18.00	28.57#

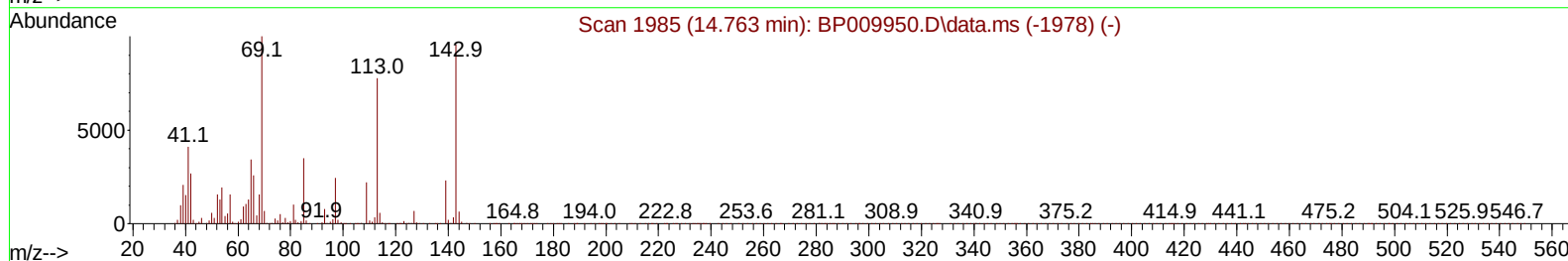
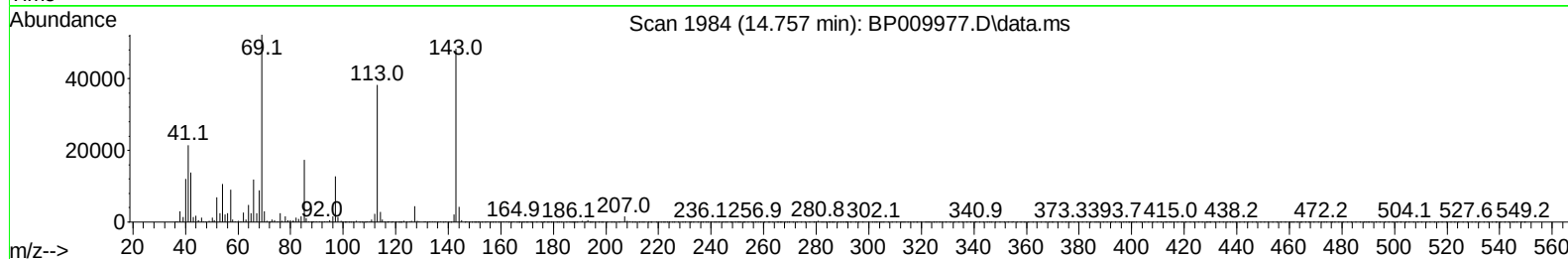
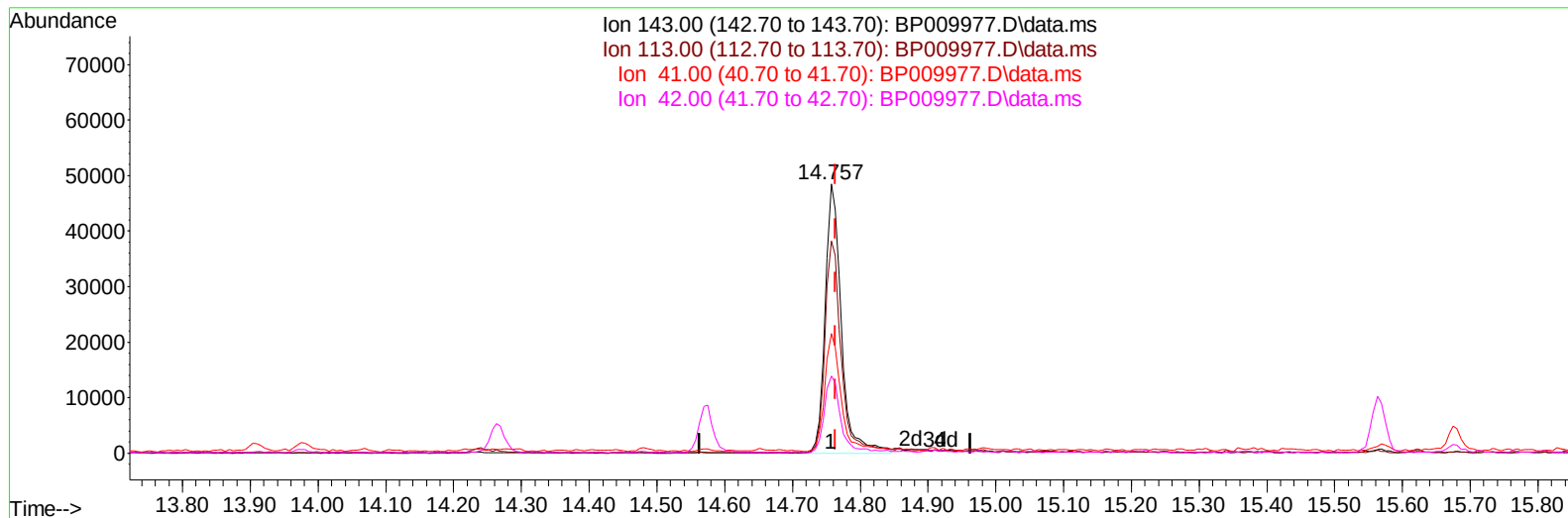
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
Data File : BP009977.D
Acq On : 20 Apr 2022 15:36
Operator : CG/JU
Sample : N2374-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFFE3

Manual IntegrationsAPPROVED

Quant Time: Apr 21 01:06:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 20 01:32:14 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022



TIC: BP009977.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.757min (-0.006) 13.47 ng/ul m

response 79862

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	132.70	78.95#
41.00	23.20	44.37#
42.00	18.00	28.57#

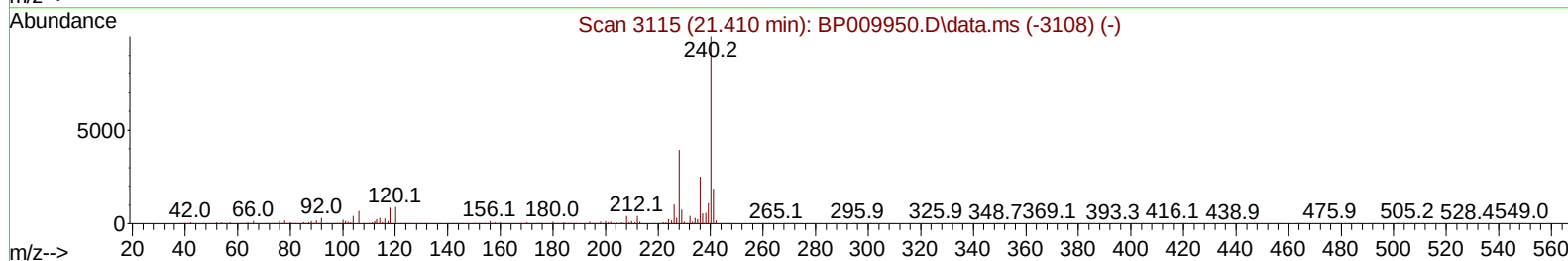
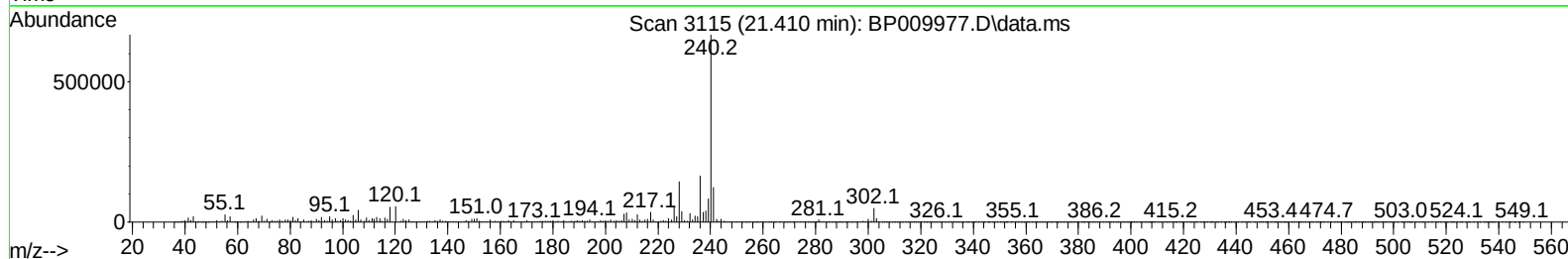
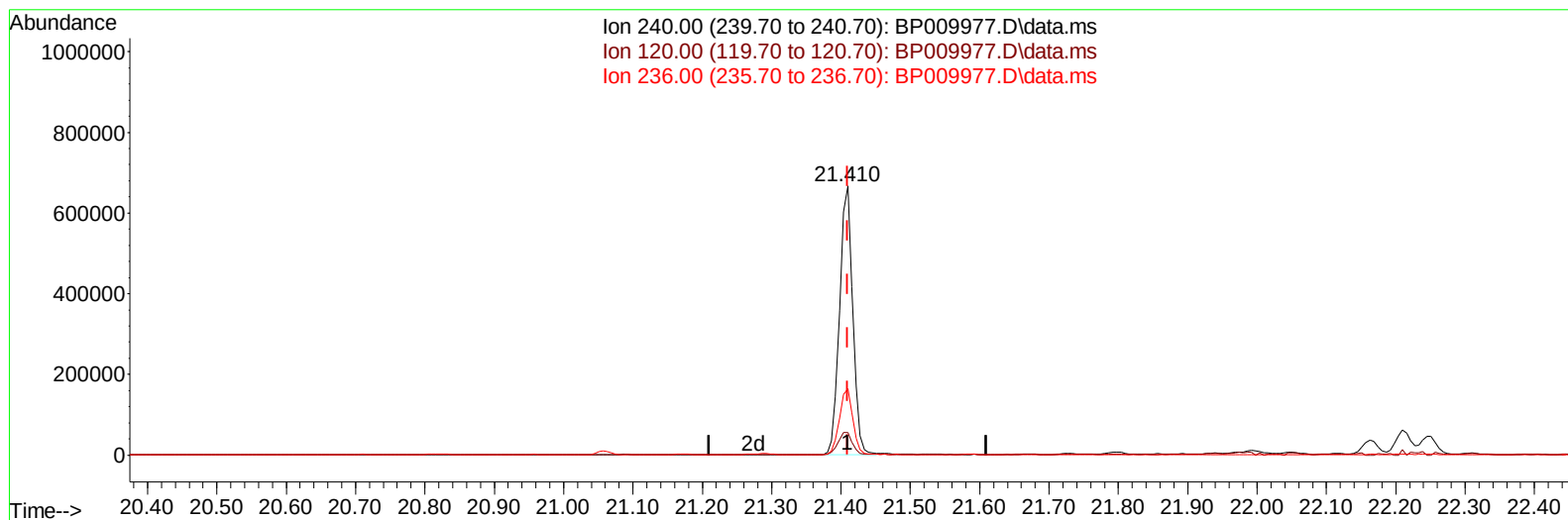
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009977.D
 Acq On : 20 Apr 2022 15:36
 Operator : CG/JU
 Sample : N2374-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFE3

Manual IntegrationsAPPROVED

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 Supervised By :Yogesh Patel 04/25/2022



TIC: BP009977.D\data.ms

(79) Chrysene-d12 (I)

21.410min (-0.000) 20.00 ng/ul

response 870415

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	9.30	8.35
236.00	31.60	24.72#
0.00	0.00	0.00

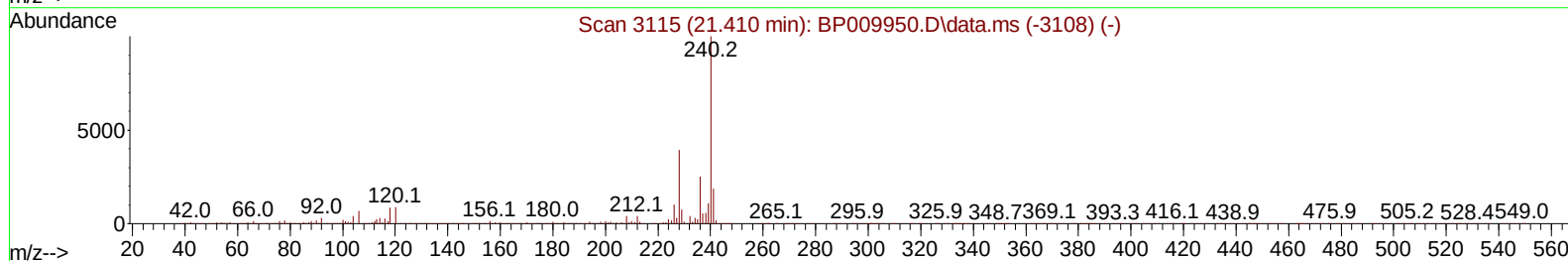
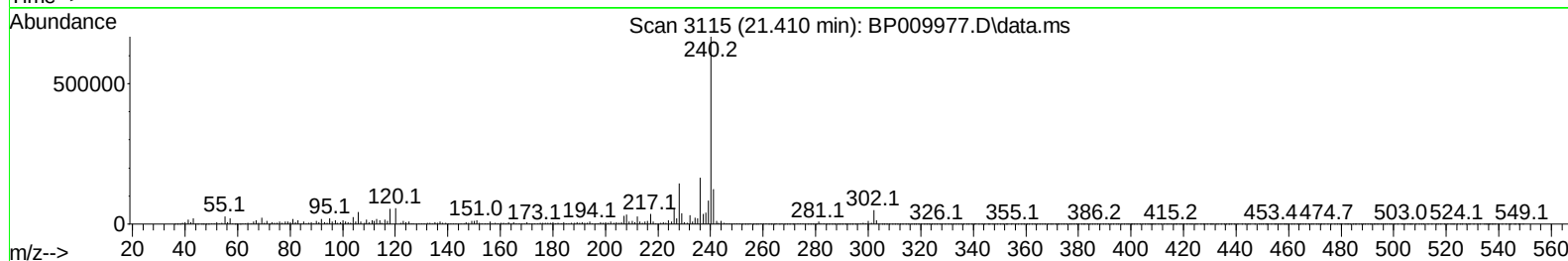
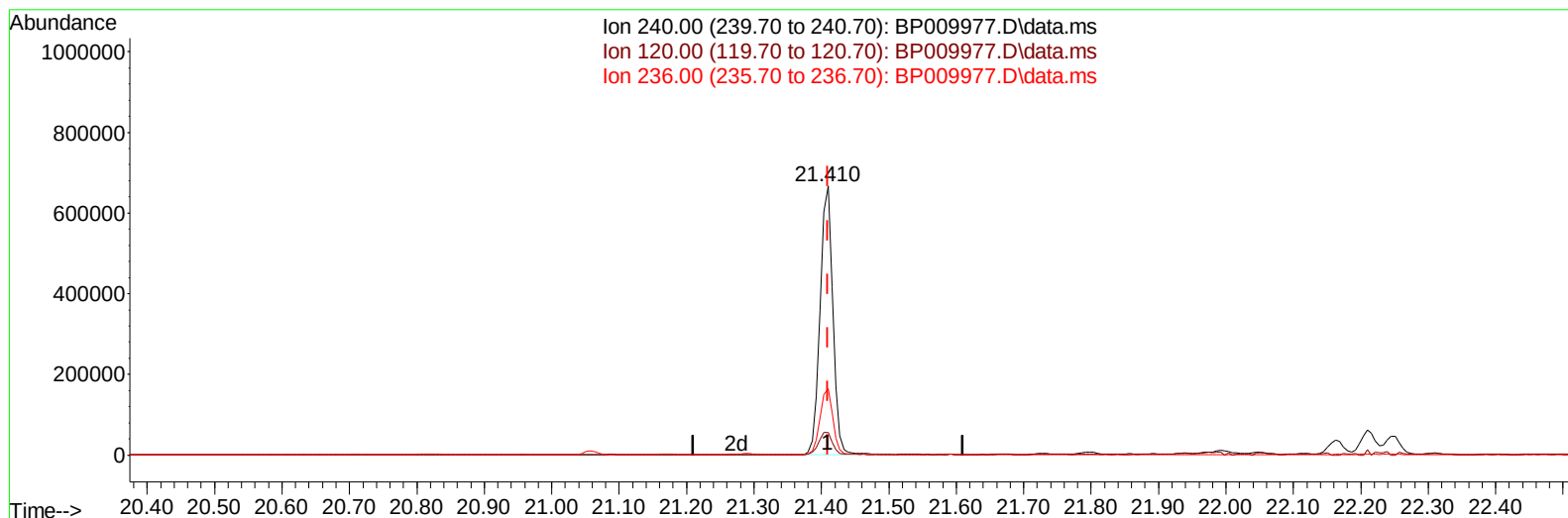
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
Data File : BP009977.D
Acq On : 20 Apr 2022 15:36
Operator : CG/JU
Sample : N2374-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFFE3

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022

Quant Time: Apr 21 01:06:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 20 01:32:14 2022
Response via : Initial Calibration



TIC: BP009977.D\data.ms

(79) Chrysene-d12 (I)

21.410min (-0.000) 20.00 ng/ul m

response 879543

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	9.30	8.35
236.00	31.60	24.72#
0.00	0.00	0.00

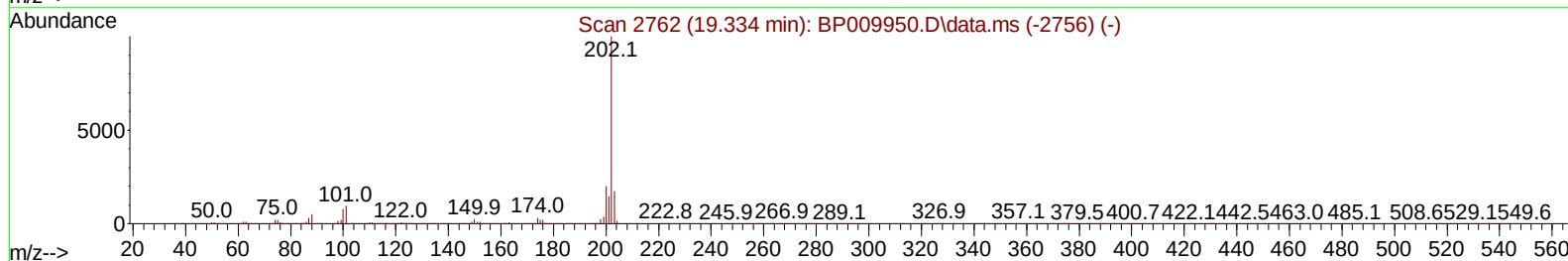
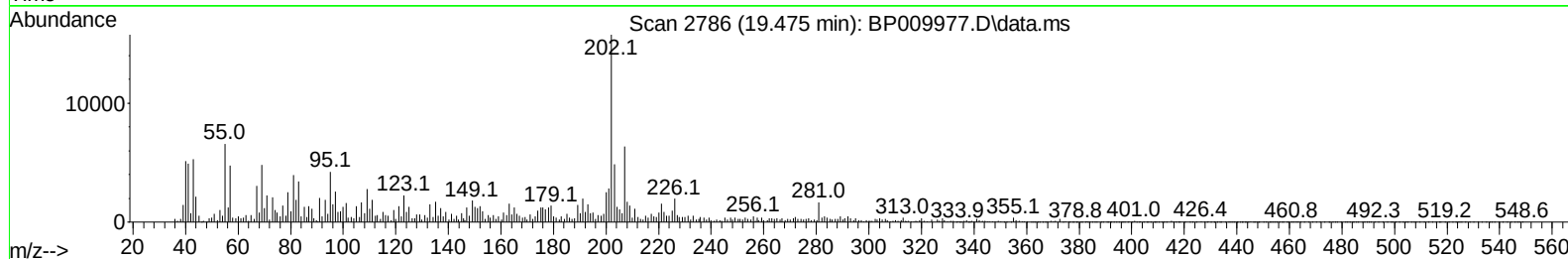
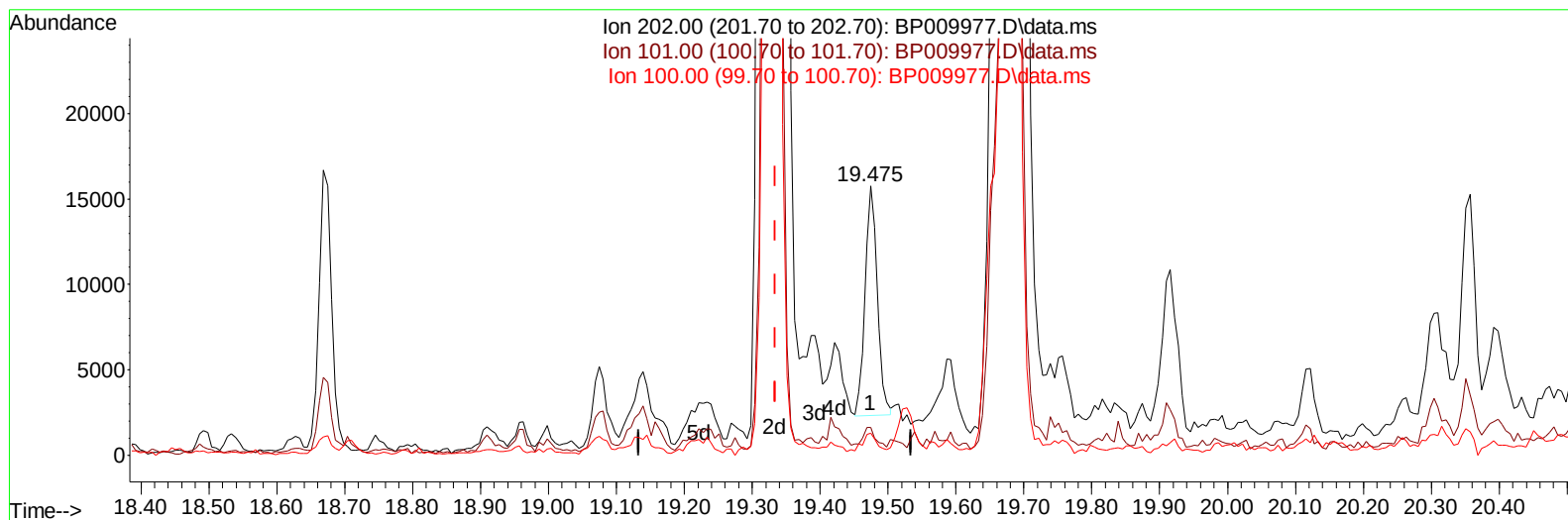
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009977.D
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 Sample : N2374-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
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TIC: BP009977.D\data.ms

(80) Fluoranthene

19.475min (+ 0.141) 0.30 ng/u1

response 16792

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.00	10.21
100.00	7.90	8.06
0.00	0.00	0.00

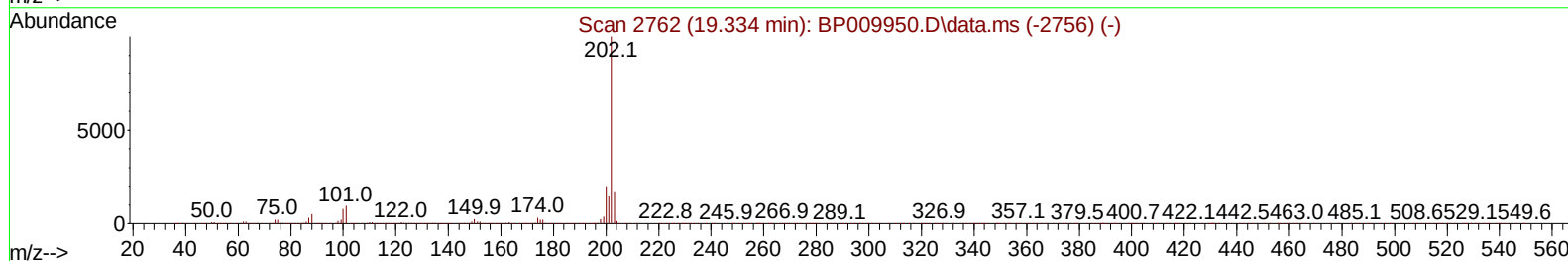
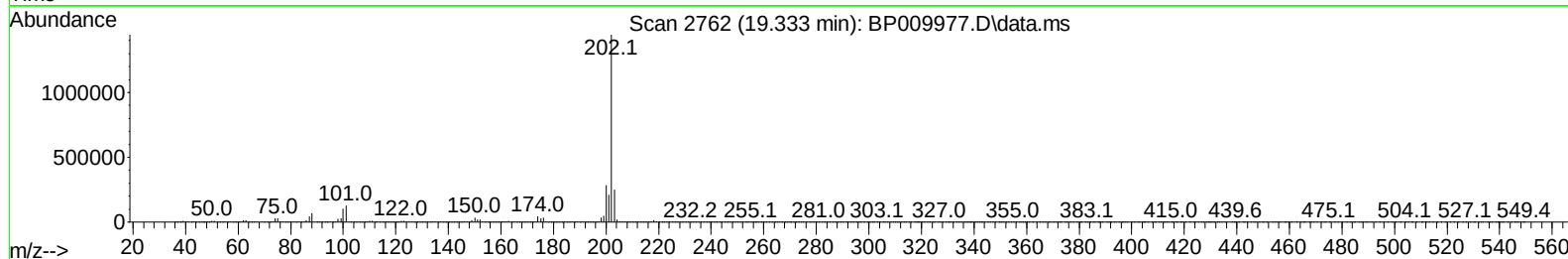
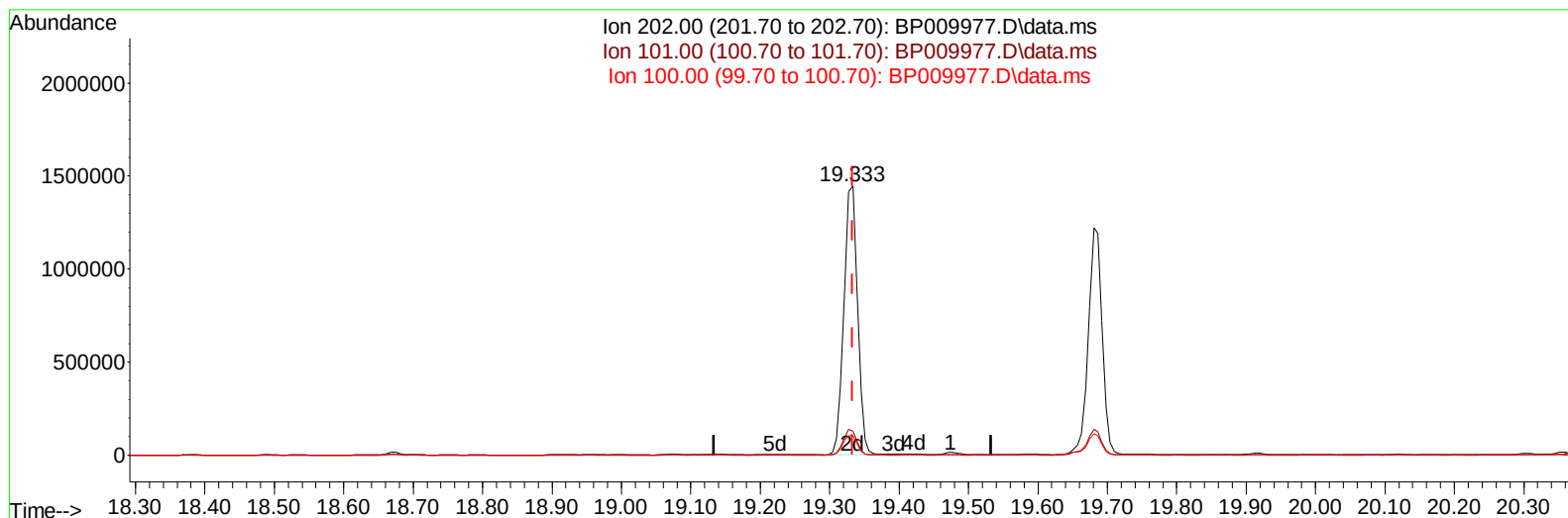
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009977.D
 Acq On : 20 Apr 2022 15:36
 Operator : CG/JU
 Sample : N2374-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFE3

Manual IntegrationsAPPROVED

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TIC: BP009977.D\data.ms

(80) Fluoranthene

19.333min (-0.000) 35.70 ng/ul m

response 1974113

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.00	8.98#
100.00	7.90	7.29
0.00	0.00	0.00

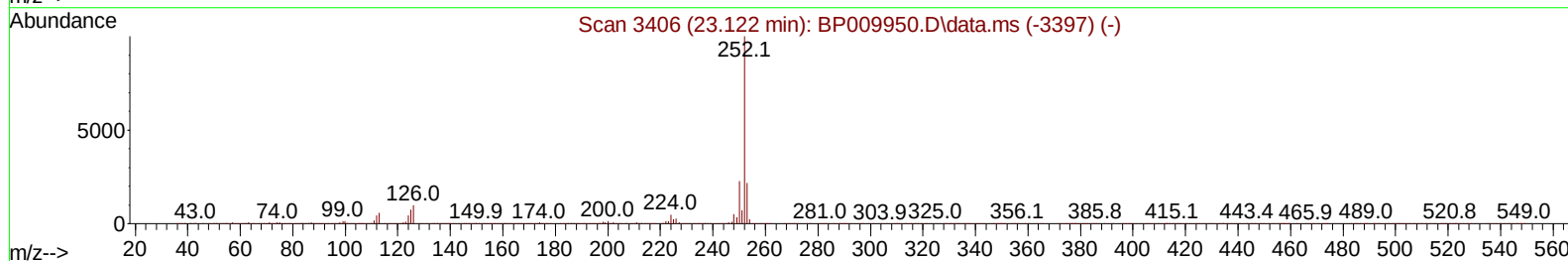
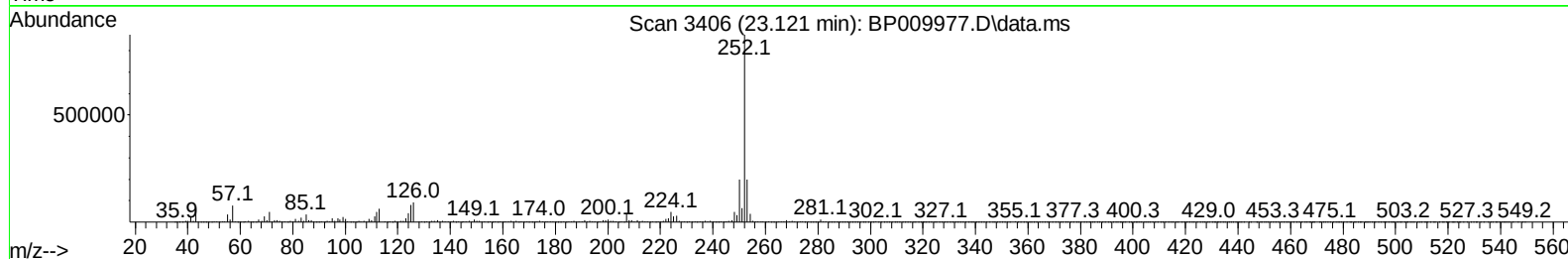
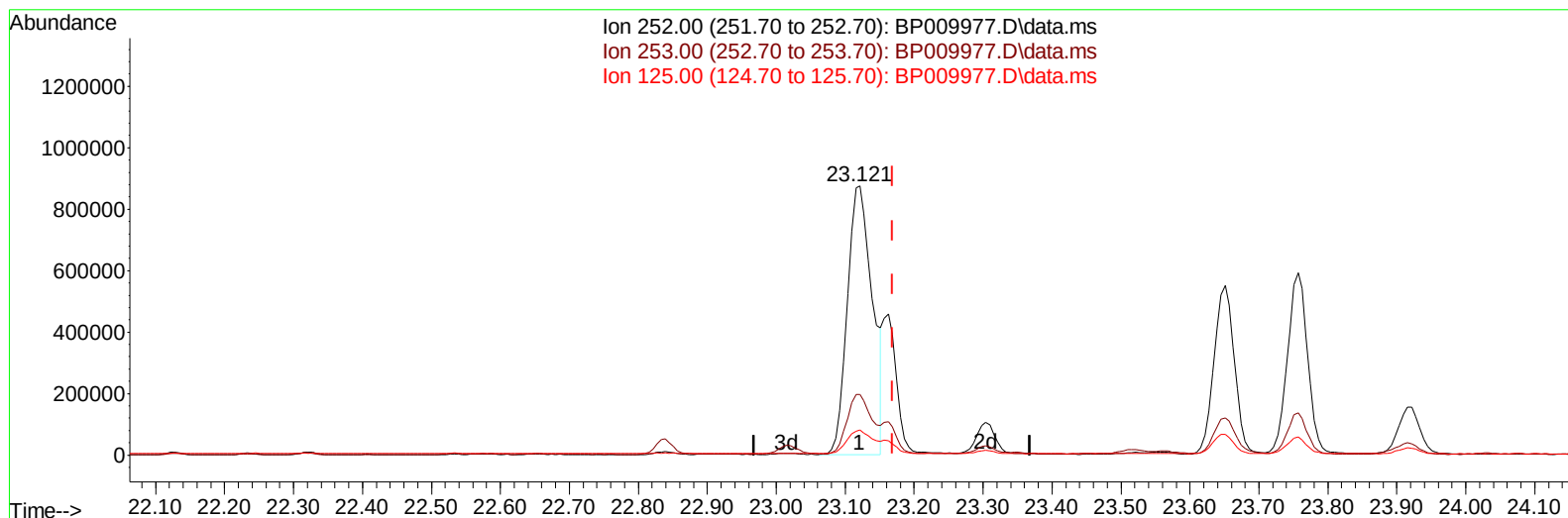
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
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 Supervised By :Yogesh Patel 04/25/2022



TIC: BP009977.D\data.ms

(91) Benzo(k)fluoranthene

23.121min (-0.047) 45.97 ng/u1

response 2208730

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	22.59
125.00	6.40	9.34#
0.00	0.00	0.00

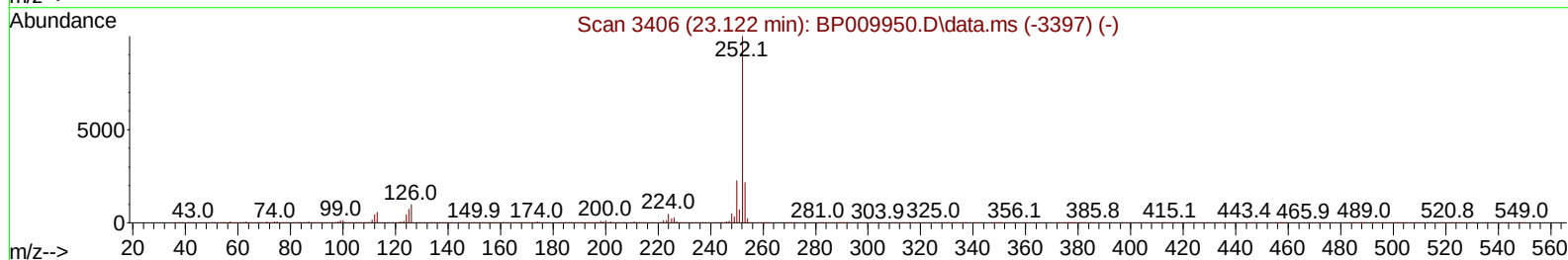
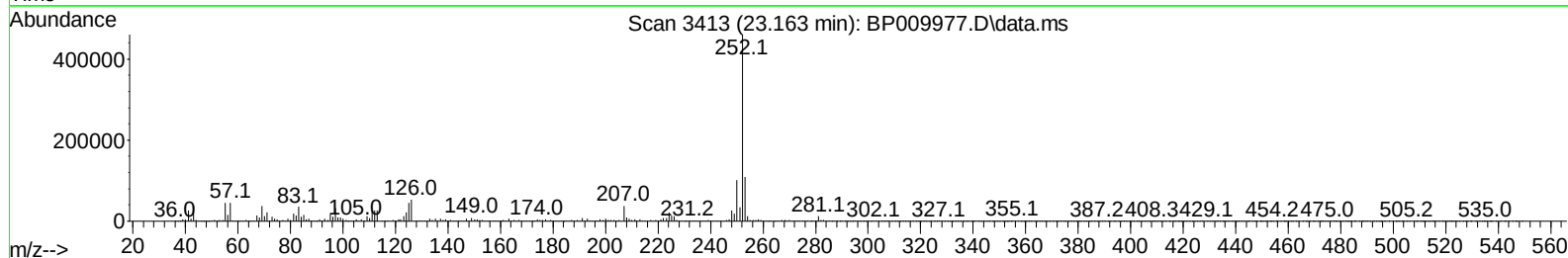
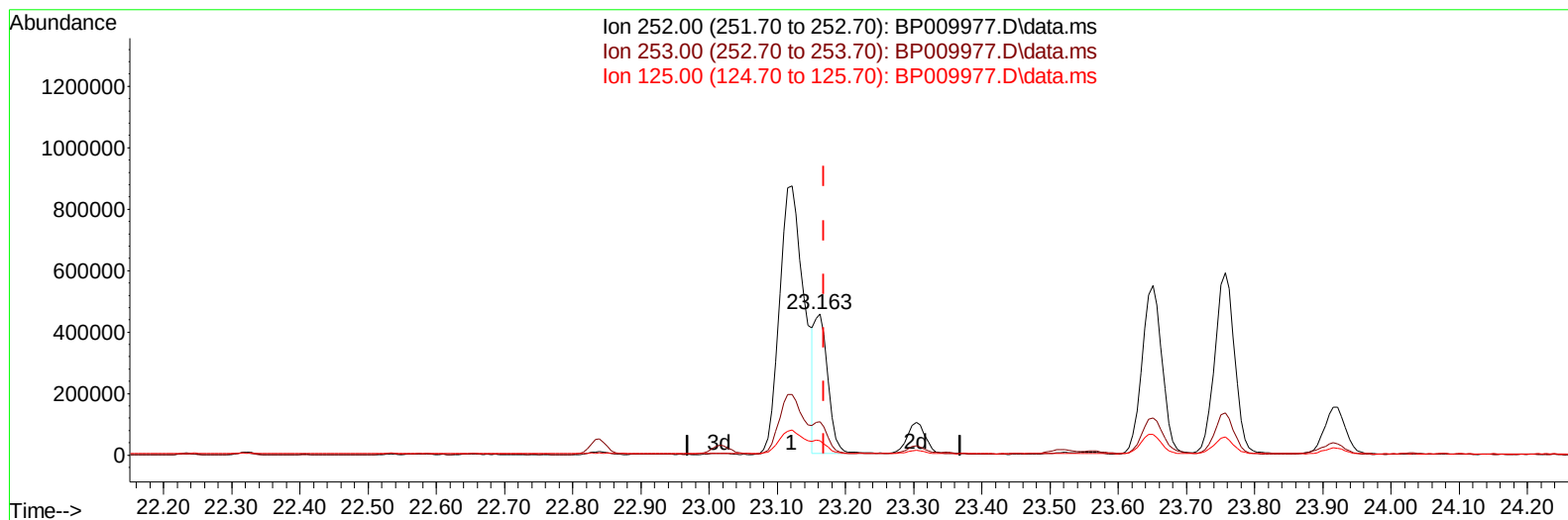
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009977.D
 Acq On : 20 Apr 2022 15:36
 Operator : CG/JU
 Sample : N2374-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFE3

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
 Supervised By :Yogesh Patel 04/25/2022

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TIC: BP009977.D\data.ms

(91) Benzo(k)fluoranthene

23.163min (-0.006) 12.70 ng/ul m

response 610330

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	23.80
125.00	6.40	9.92#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	130081	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	599557	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	416044	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	897981	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.410	240	879543m	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	792432	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	7659m	2.628	ng/uL	0.00
4) Pyridine-d5	3.793	84	34328	4.272	ng/ul	0.00
7) Phenol-d5	7.099	99	179863	15.749	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	117773	17.322	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	145741	16.918	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	157420	16.512	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	75330	17.423	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	83841	17.687	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	169260	17.064	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	104745	7.414	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	596000	18.237	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	680600	17.579	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	79862m	13.475	ng/ul	0.00
60) Fluorene-d10	15.563	176	551606	20.064	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	66183	12.441	ng/ul	-0.01
73) Anthracene-d10	17.428	188	869928	20.233	ng/ul	0.00
81) Pyrene-d10	19.651	212	1055110	21.965	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	838206	20.312	ng/ul	0.00
Target Compounds						
						Qvalue
16) Acetophenone	8.763	105	27901m	1.858	ng/ul	
72) Phenanthrene	17.369	178	575415	12.005	ng/ul	99
74) Anthracene	17.457	178	85240	1.754	ng/ul	99
77) Carbazole	17.728	167	72866	1.659	ng/ul#	96
80) Fluoranthene	19.333	202	1974113m	35.704	ng/ul	
82) Pyrene	19.680	202	1714456	30.583	ng/ul#	94
85) Benzo(a)anthracene	21.392	228	916354	16.434	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.316	149	107704	3.114	ng/ul#	80
87) Chrysene	21.445	228	1394000	25.912	ng/ul	97
90) Benzo(b)fluoranthene	23.121	252	2208730	41.952	ng/ul	98
91) Benzo(k)fluoranthene	23.163	252	610330m	12.704	ng/ul	
93) Benzo(a)pyrene	23.757	252	1192517	24.435	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.427	276	1100127	21.557	ng/ul	97
95) Dibenzo(a,h)anthracene	26.439	278	243046	5.492	ng/ul#	89
96) Benzo(g,h,i)perylene	27.221	276	983346	23.369	ng/ul#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009977.D
 Acq On : 20 Apr 2022 15:36
 Operator : CG/JU
 Sample : N2374-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFE3

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
 Supervised By :Yogesh Patel 04/25/2022

Quant Time: Apr 21 01:06:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 20 01:32:14 2022
 Response via : Initial Calibration

