

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020796.D
 Acq On : 05 Jul 2024 20:08
 Operator : MA/JU
 Sample : P2962-06DL2 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0T78DL2

Quant Time: Jul 05 22:52:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	150270	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	652474	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	427927	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	925425	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	842482	20.000	ng/u1	-0.01
88) Perylene-d12	24.945	264	946946	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	1818	0.520	ng/uL	0.00
4) Pyridine-d5	3.693	84	24300	2.383	ng/u1	0.01
7) Phenol-d5	6.922	99	33166	2.691	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	22665	2.901	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.275	132	28927	2.872	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	27871	2.784	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	14436	2.997	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	14284	2.963	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	27649	2.784	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	35654	2.562	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	103000	3.462	ng/u1	0.01
49) Acenaphthylene-d8	14.051	160	116075	3.269	ng/u1	0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.369	176	90443	3.612	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.269	188	139308	3.354	ng/u1	0.00
81) Pyrene-d10	19.645	212	164192	3.244	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.721	264	155044	3.366	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.546	128	1531021	43.840	ng/u1	100
36) 2-Methylnaphthalene	12.146	142	430435	18.400	ng/u1	99
37) 1-Methylnaphthalene	12.381	142	256408	10.722	ng/u1	99
43) 1,1'-Biphenyl	13.169	154	56813	1.775	ng/u1	97
50) Acenaphthylene	14.081	152	293305	7.314	ng/u1	99
52) Acenaphthene	14.422	153	44055	1.656	ng/u1	97
61) Fluorene	15.422	166	137702	4.781	ng/u1	97
72) Phenanthrene	17.210	178	699662	14.438	ng/u1	99
74) Anthracene	17.298	178	191100	3.834	ng/u1	99
80) Fluoranthene	19.298	202	281292	4.550	ng/u1	100
82) Pyrene	19.675	202	427756	6.746	ng/u1	100
85) Benzo(a)anthracene	21.592	228	149445m	2.531	ng/u1	
87) Chrysene	21.657	228	123260	2.208	ng/u1	99
90) Benzo(b)fluoranthene	23.904	252	88840m	1.549	ng/u1	
93) Benzo(a)pyrene	24.792	252	105802	1.954	ng/u1	97

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

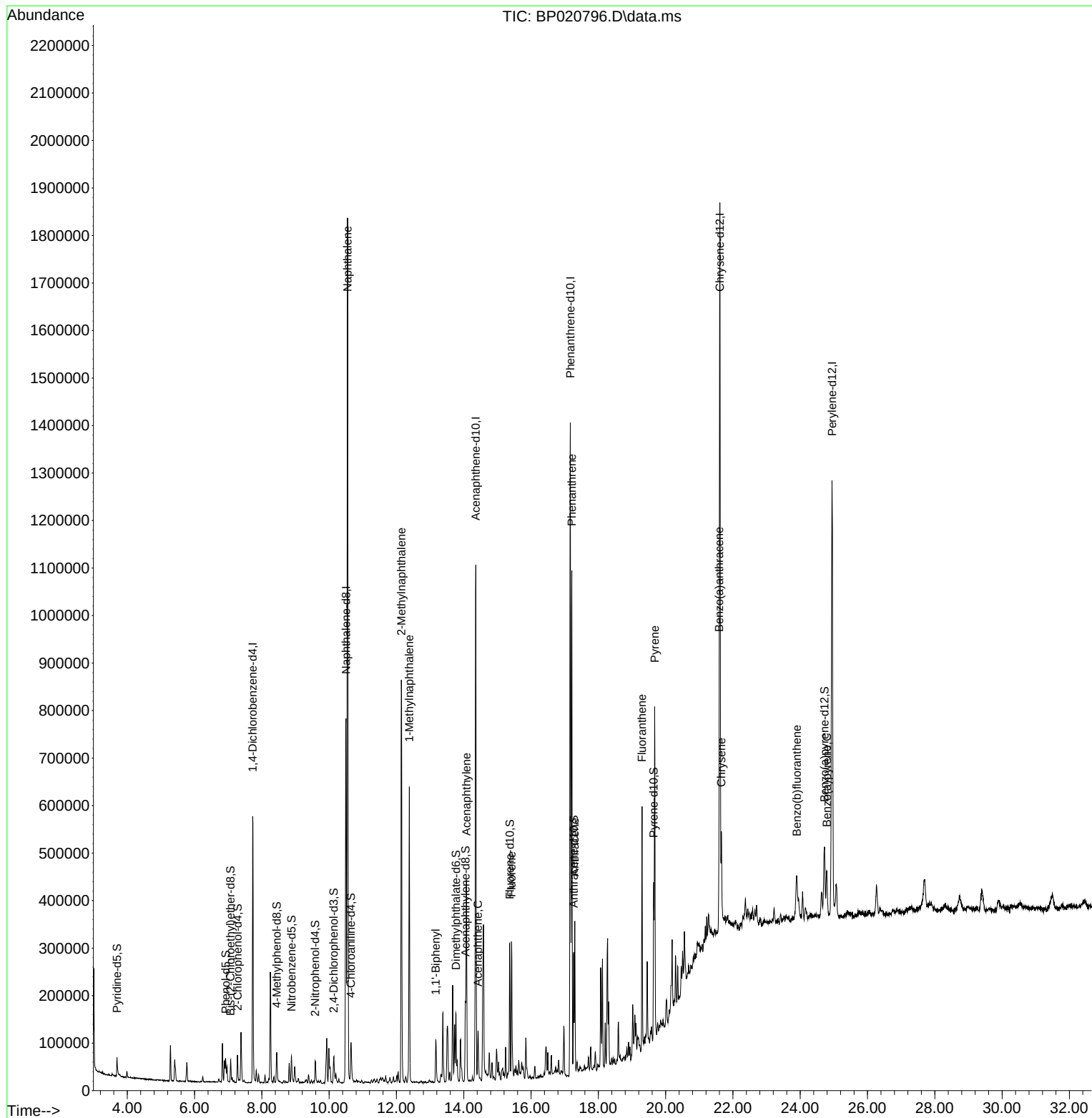
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020796.D
 Acq On : 05 Jul 2024 20:08
 Operator : MA/JU
 Sample : P2962-06DL2 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

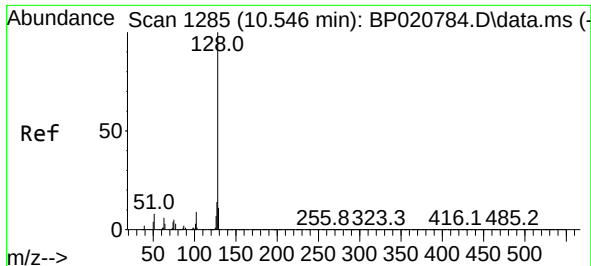
Instrument :
 BNA_P
 ClientSampleId :
 C0T78DL2

Quant Time: Jul 05 22:52:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
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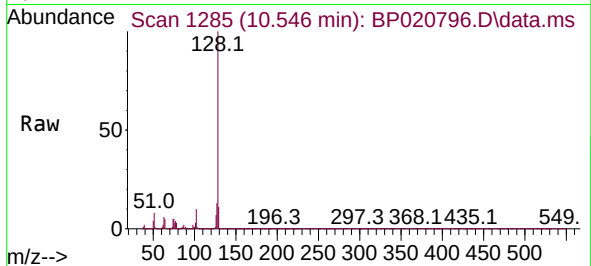
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024





#30
Naphthalene
Concen: 43.840 ng/ul
RT: 10.546 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP020796.D
Acq: 05 Jul 2024 20:08

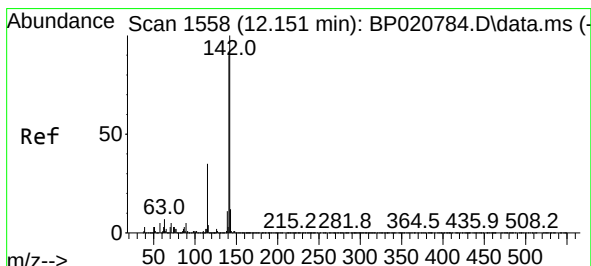
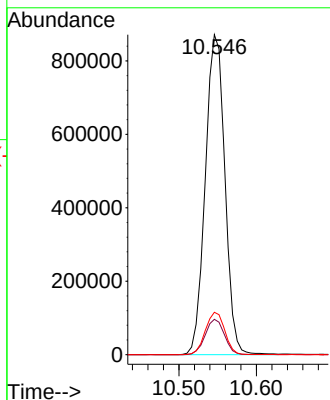
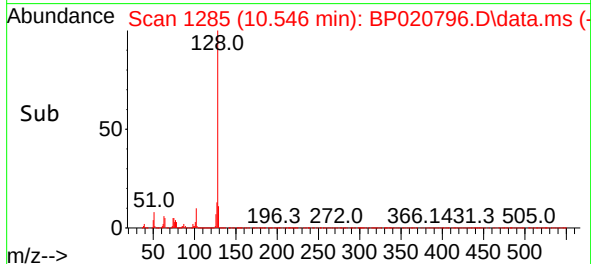
Instrument :
BNA_P
ClientSampleId :
C0T78DL2



Tgt Ion:128 Resp: 153102
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.6 15.8

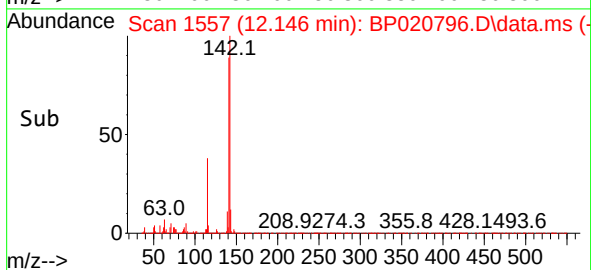
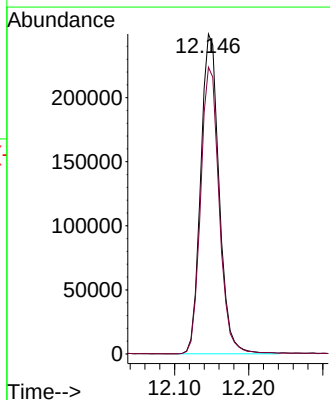
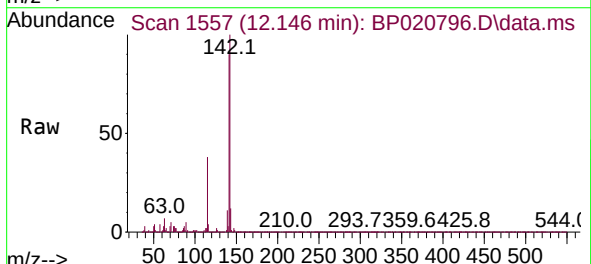
Manual Integrations
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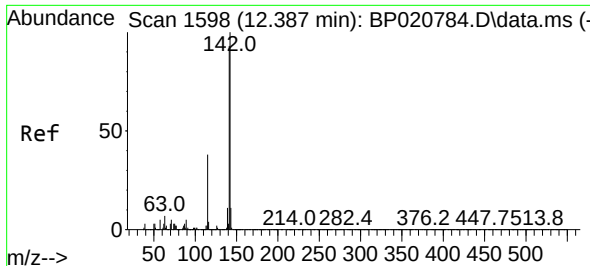
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#36
2-Methylnaphthalene
Concen: 18.400 ng/ul
RT: 12.146 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BP020796.D
Acq: 05 Jul 2024 20:08

Tgt Ion:142 Resp: 430435
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7





#37

1-Methylnaphthalene

Concen: 10.722 ng/ul

RT: 12.381 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020796.D

Acq: 05 Jul 2024 20:08

Instrument :

BNA_P

ClientSampleId :

C0T78DL2

Tgt Ion:142 Resp: 256408

Ion Ratio Lower Upper

142 100

141 92.8 74.9 112.3

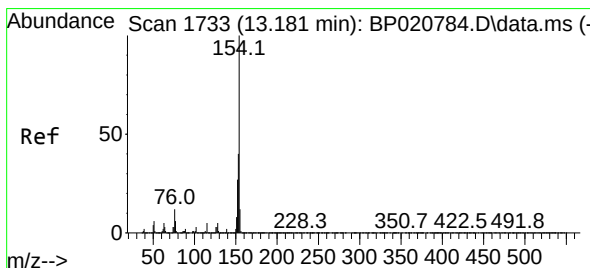
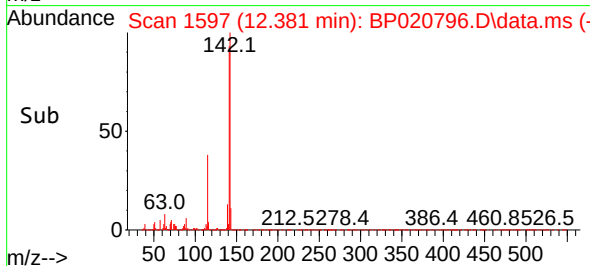
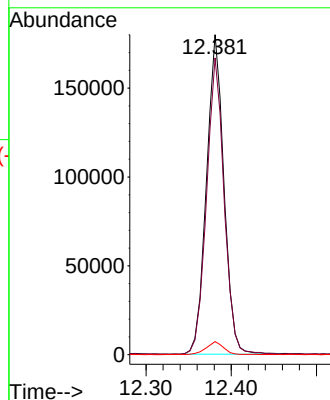
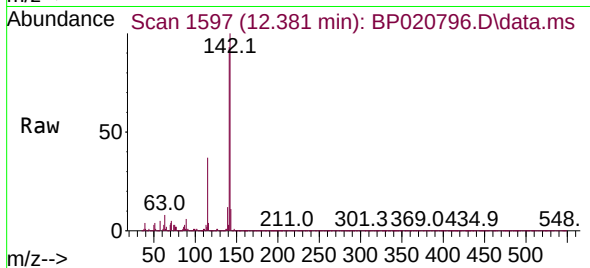
116 4.1 3.3 4.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#43

1,1'-Biphenyl

Concen: 1.775 ng/ul

RT: 13.169 min Scan# 1731

Delta R.T. -0.006 min

Lab File: BP020796.D

Acq: 05 Jul 2024 20:08

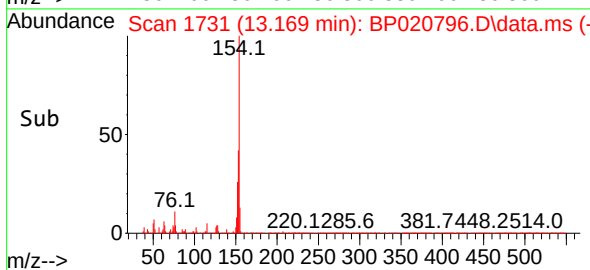
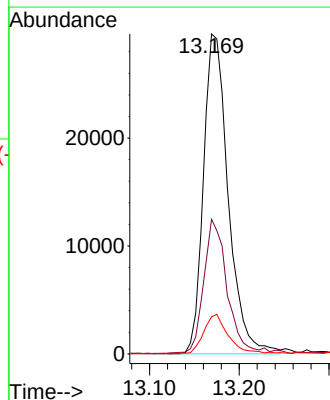
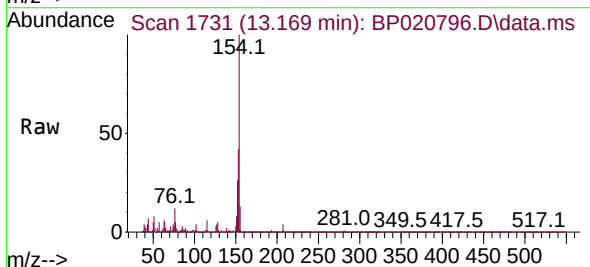
Tgt Ion:154 Resp: 56813

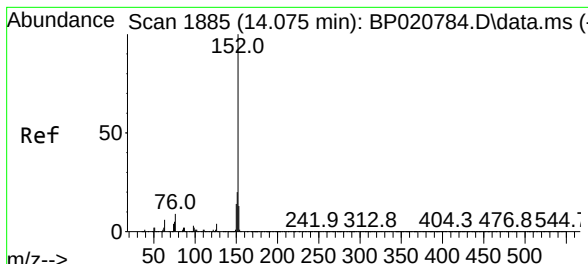
Ion Ratio Lower Upper

154 100

153 42.1 32.6 48.8

76 11.6 10.8 16.2



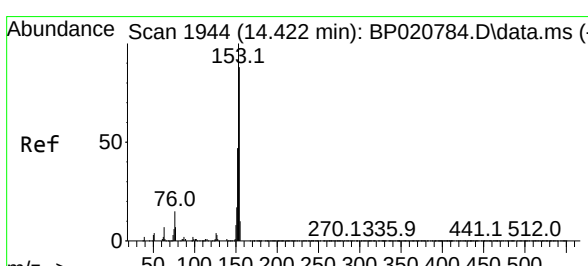
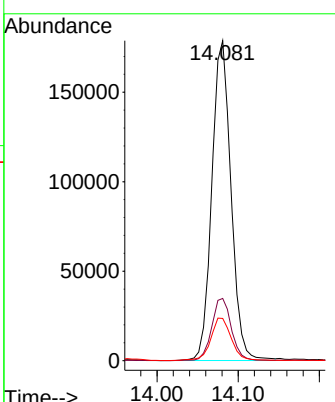
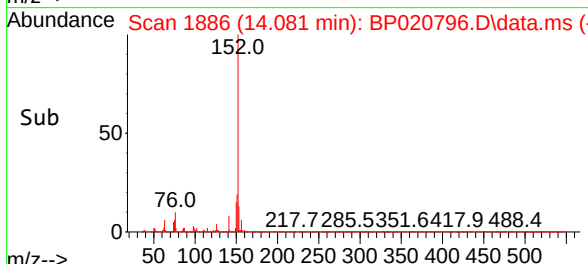
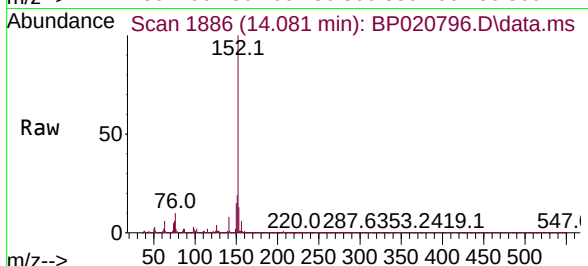


#50
 Acenaphthylene
 Concen: 7.314 ng/ul
 RT: 14.081 min Scan# 1886
 Delta R.T. 0.012 min
 Lab File: BP020796.D
 Acq: 05 Jul 2024 20:08

Instrument : BNA_P
 ClientSampleId : C0T78DL2

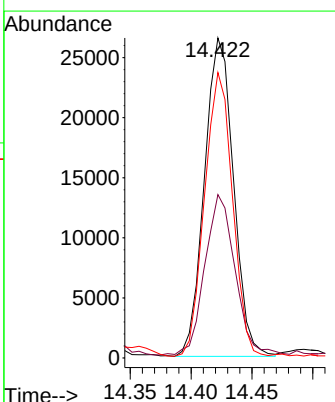
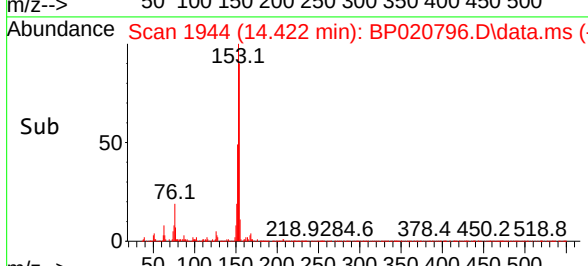
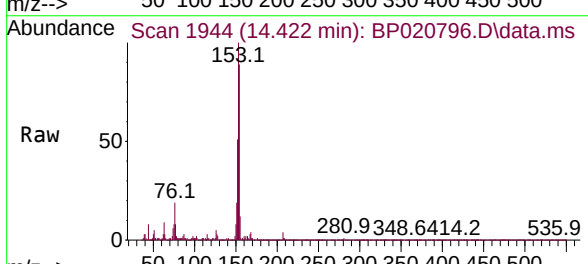
Tgt Ion:	152	Resp:	29330
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.2	24.4
153	13.2	10.8	16.2

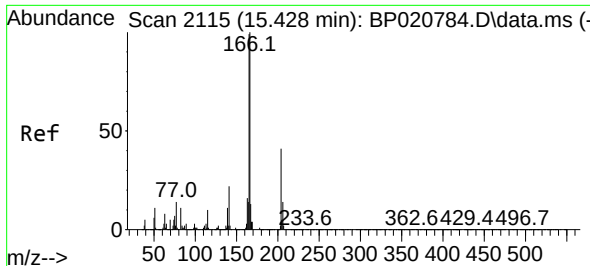
Manual Integrations
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 Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#52
 Acenaphthene
 Concen: 1.656 ng/ul
 RT: 14.422 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: BP020796.D
 Acq: 05 Jul 2024 20:08

Tgt Ion:	153	Resp:	44055
Ion Ratio	Lower	Upper	
153	100		
152	51.0	38.2	57.2
154	89.2	69.8	104.6





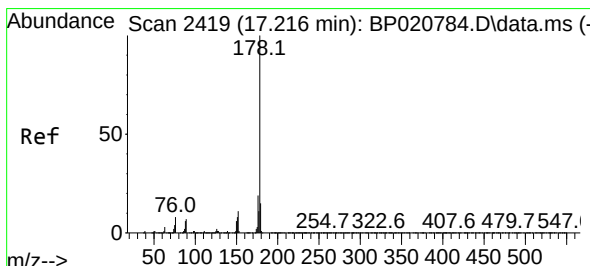
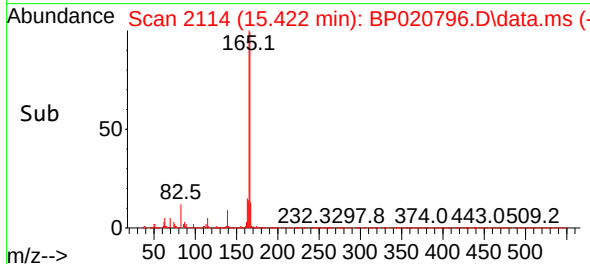
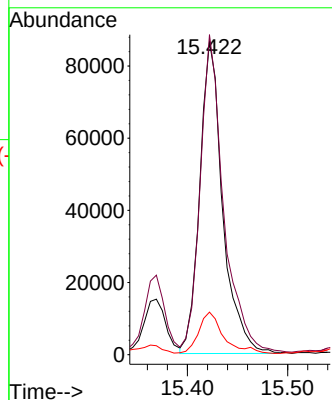
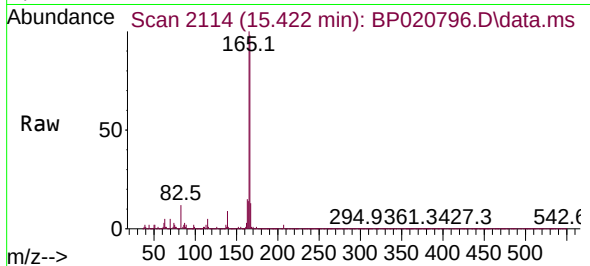
#61
Fluorene
Concen: 4.781 ng/ul
RT: 15.422 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP020796.D
Acq: 05 Jul 2024 20:08

Instrument :
BNA_P
ClientSampleId :
C0T78DL2

Tgt Ion:166 Resp: 137702
Ion Ratio Lower Upper
166 100
165 102.3 78.8 118.2
167 13.6 11.2 16.8

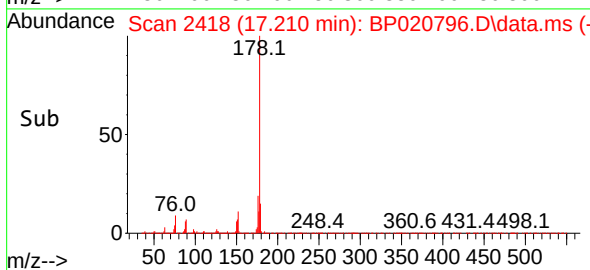
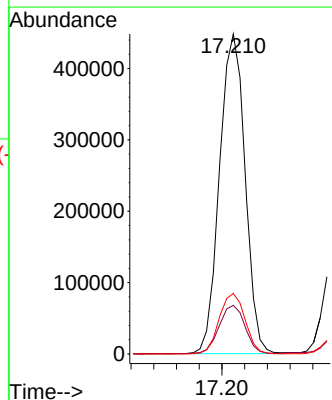
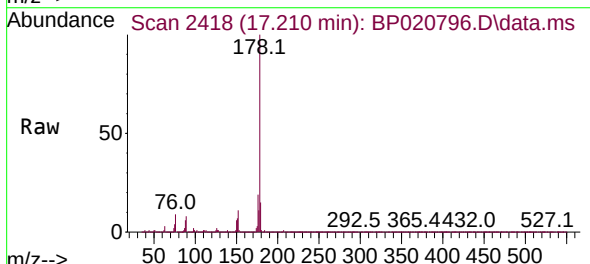
Manual Integrations
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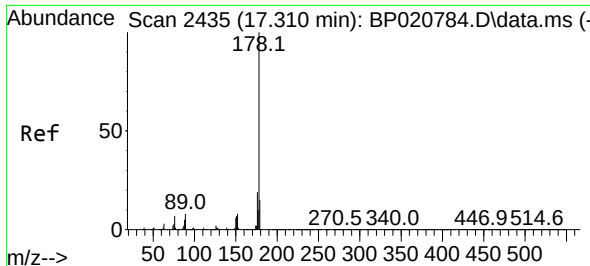
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#72
Phenanthrene
Concen: 14.438 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP020796.D
Acq: 05 Jul 2024 20:08

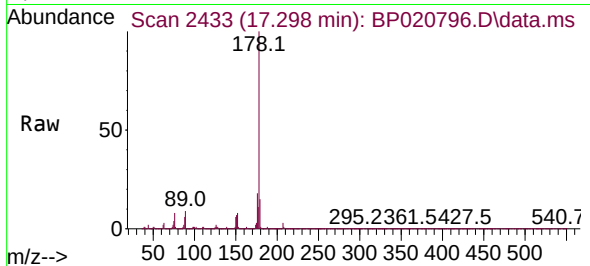
Tgt Ion:178 Resp: 699662
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.9 15.4 23.2





#74
 Anthracene
 Concen: 3.834 ng/ul
 RT: 17.298 min Scan# 2435
 Delta R.T. 0.000 min
 Lab File: BP020796.D
 Acq: 05 Jul 2024 20:08

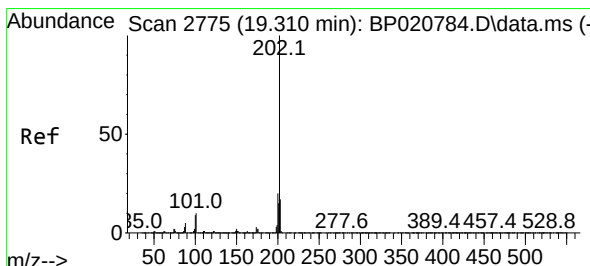
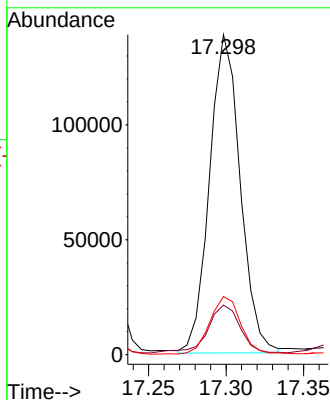
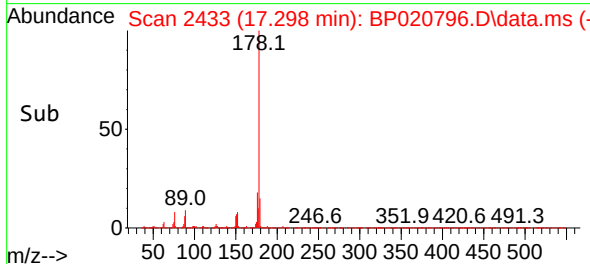
Instrument :
 BNA_P
 ClientSampleId :
 C0T78DL2



Tgt Ion:178 Resp: 191100
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.1 18.1
 176 18.1 15.0 22.4

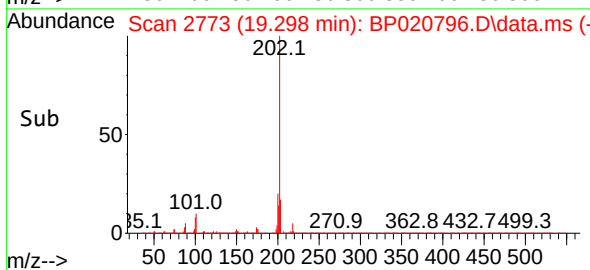
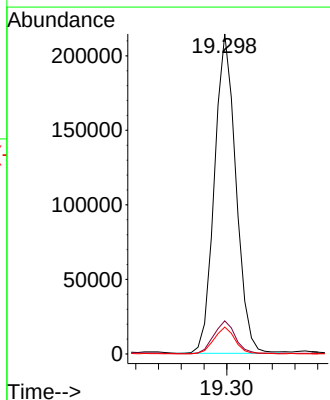
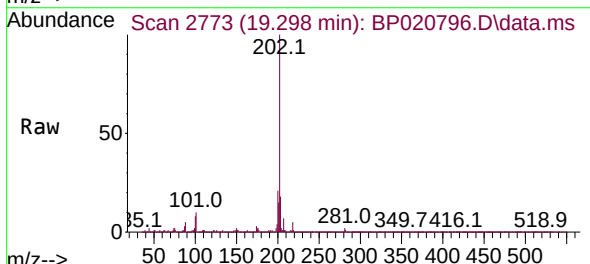
Manual Integrations
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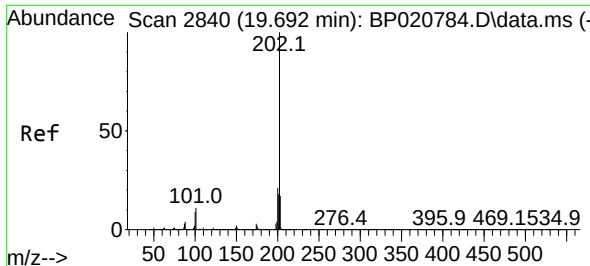
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#80
 Fluoranthene
 Concen: 4.550 ng/ul
 RT: 19.298 min Scan# 2773
 Delta R.T. 0.000 min
 Lab File: BP020796.D
 Acq: 05 Jul 2024 20:08

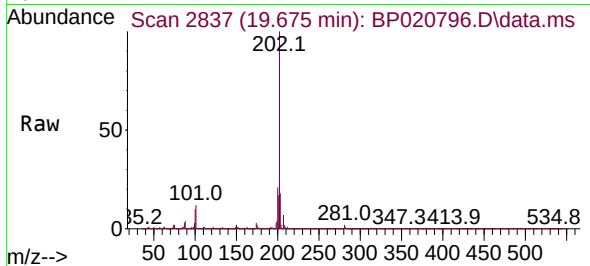
Tgt Ion:202 Resp: 281292
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.2 12.4
 100 8.4 6.6 10.0





#82
Pyrene
Concen: 6.746 ng/ul
RT: 19.675 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020796.D
Acq: 05 Jul 2024 20:08

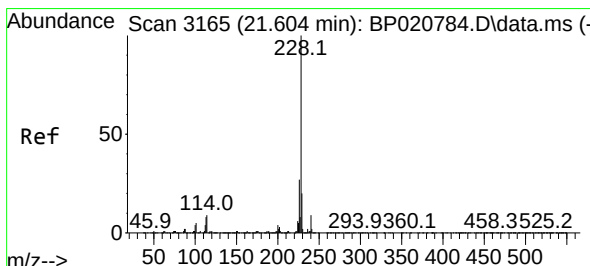
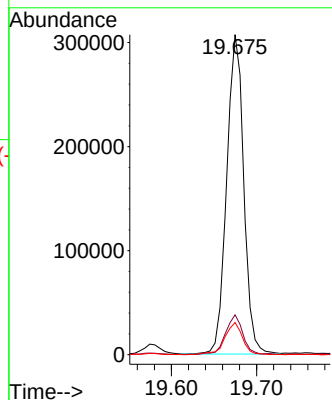
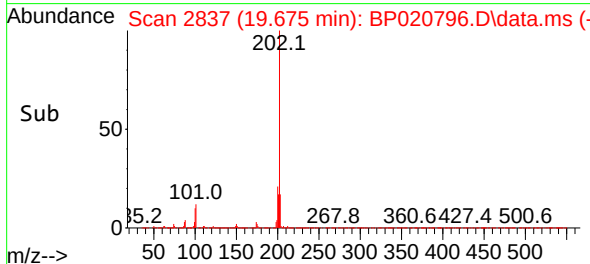
Instrument :
BNA_P
ClientSampleId :
C0T78DL2



Tgt Ion:202 Resp: 427750
Ion Ratio Lower Upper
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101 12.5 9.8 14.8
100 10.1 7.9 11.9

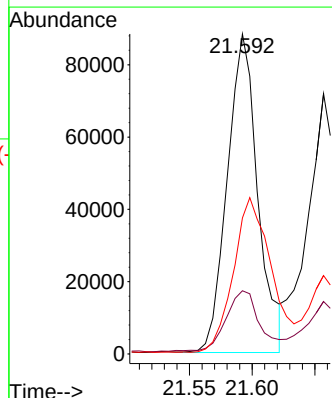
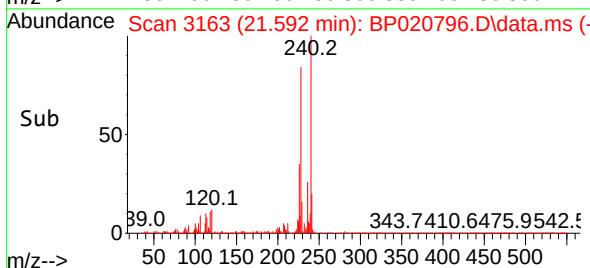
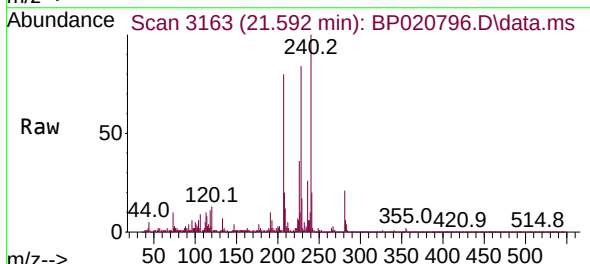
Manual Integrations
APPROVED

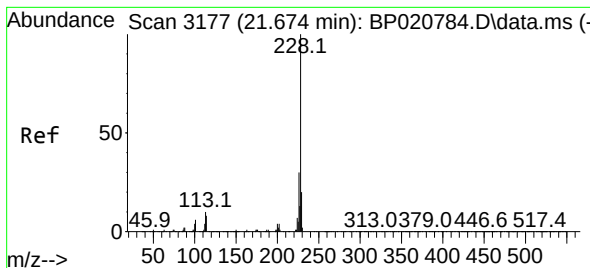
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#85
Benzo(a)anthracene
Concen: 2.531 ng/ul m
RT: 21.592 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP020796.D
Acq: 05 Jul 2024 20:08

Tgt Ion:228 Resp: 149445
Ion Ratio Lower Upper
228 100
229 19.7 15.2 22.8
226 42.5 21.1 31.7#





#87

Chrysene

Concen: 2.208 ng/ul

RT: 21.657 min Scan# 3174

Delta R.T. -0.012 min

Lab File: BP020796.D

Acq: 05 Jul 2024 20:08

Instrument :

BNA_P

ClientSampleId :

C0T78DL2

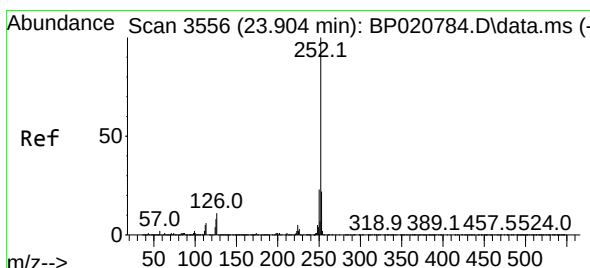
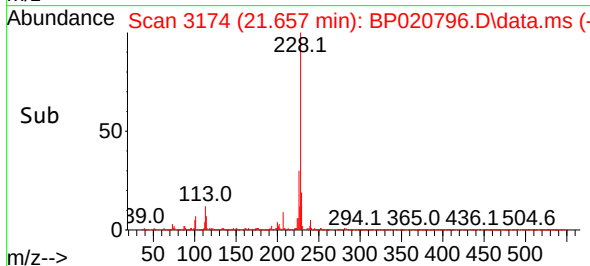
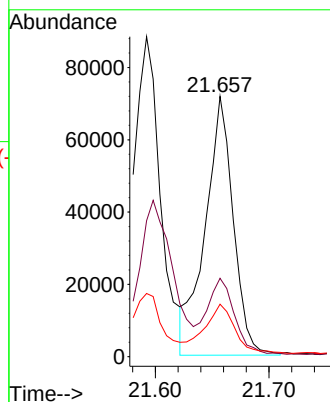
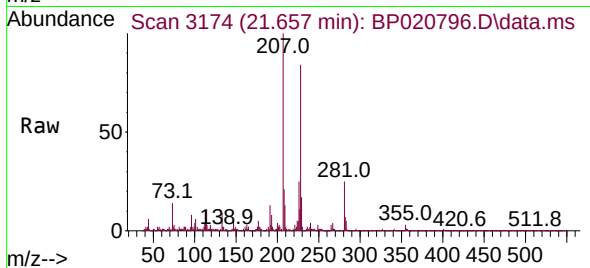
Tgt Ion:228	Resp: 123260
Ion Ratio	Lower Upper
228 100	
226 30.1	23.8 35.6
229 20.2	16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#90

Benzo(b)fluoranthene

Concen: 1.549 ng/ul m

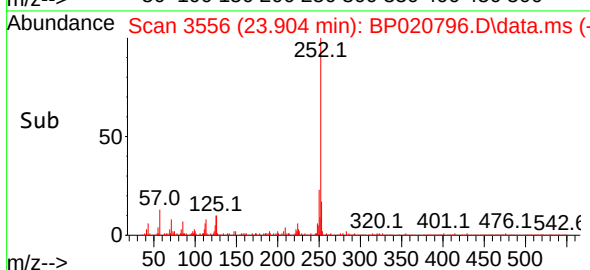
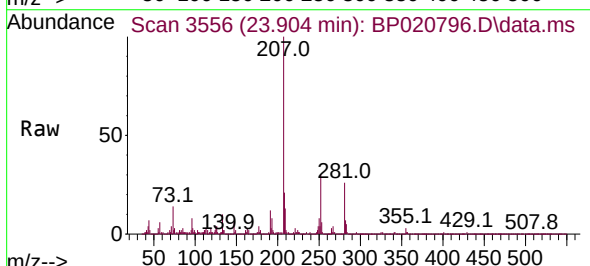
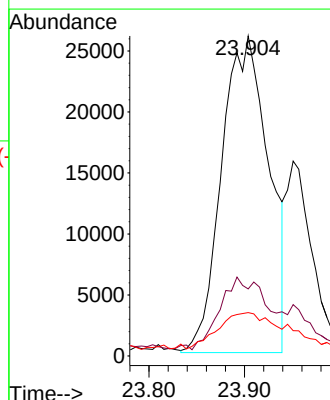
RT: 23.904 min Scan# 3556

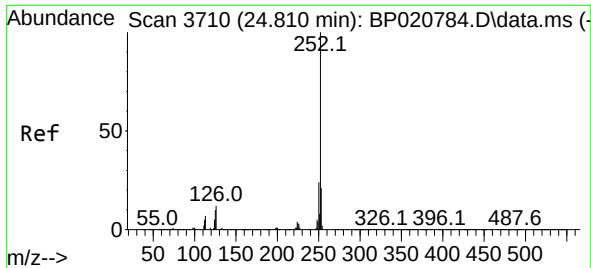
Delta R.T. 0.000 min

Lab File: BP020796.D

Acq: 05 Jul 2024 20:08

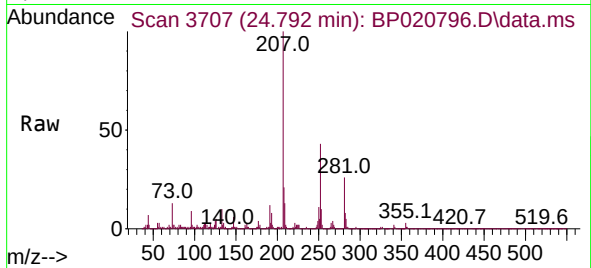
Tgt Ion:252	Resp: 88840
Ion Ratio	Lower Upper
252 100	
253 21.0	17.5 26.3
125 13.6	7.9 11.9





#93
Benzo(a)pyrene
Concen: 1.954 ng/ul
RT: 24.792 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP020796.D
Acq: 05 Jul 2024 20:08

Instrument :
BNA_P
ClientSampleId :
C0T78DL2



Tgt Ion:252 Resp: 105802
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 10.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

