

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020776.D
 Acq On : 03 Jul 2024 19:29
 Operator : MA/JU
 Sample : P2962-06DL2 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0T78DL2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 22:49:04 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	185419	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	769282	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	509544	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1068204	20.000	ng/u1	0.00
79) Chrysene-d12	21.622	240	986817	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	1124384	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	2414	0.559	ng/uL	0.00
4) Pyridine-d5	3.687	84	29458	2.341	ng/u1	0.00
7) Phenol-d5	6.922	99	47366	3.115	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	31666	3.284	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	41770	3.361	ng/u1	0.01
15) 4-Methylphenol-d8	8.440	113	41368	3.349	ng/u1	0.00
21) Nitrobenzene-d5	8.887	128	19990	3.520	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	22756	4.004	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	42182	3.603	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	52528	3.201	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	143567	4.052	ng/u1	0.01
49) Acenaphthylene-d8	14.051	160	163208	3.861	ng/u1	0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.363	176	126030	4.227	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.263	188	188530	3.933	ng/u1	0.00
81) Pyrene-d10	19.651	212	225136	3.798	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.733	264	219942	4.021	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.552	128	2081643	50.556	ng/u1	99
36) 2-Methylnaphthalene	12.163	142	595023	21.573	ng/u1	99
37) 1-Methylnaphthalene	12.381	142	349543	12.397	ng/u1	100
43) 1,1'-Biphenyl	13.181	154	77777	2.041	ng/u1	97
50) Acenaphthylene	14.081	152	393143	8.233	ng/u1	100
52) Acenaphthene	14.422	153	60672	1.915	ng/u1	99
61) Fluorene	15.422	166	192902	5.625	ng/u1	99
72) Phenanthrene	17.210	178	955423	17.080	ng/u1	100
74) Anthracene	17.304	178	245094	4.260	ng/u1	98
80) Fluoranthene	19.304	202	387321	5.349	ng/u1	99
82) Pyrene	19.681	202	579274	7.800	ng/u1	99
85) Benzo(a)anthracene	21.604	228	198209m	2.866	ng/u1	
87) Chrysene	21.669	228	170745	2.612	ng/u1	99
90) Benzo(b)fluoranthene	23.916	252	133271m	1.957	ng/u1	
93) Benzo(a)pyrene	24.804	252	151022	2.349	ng/u1	97

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

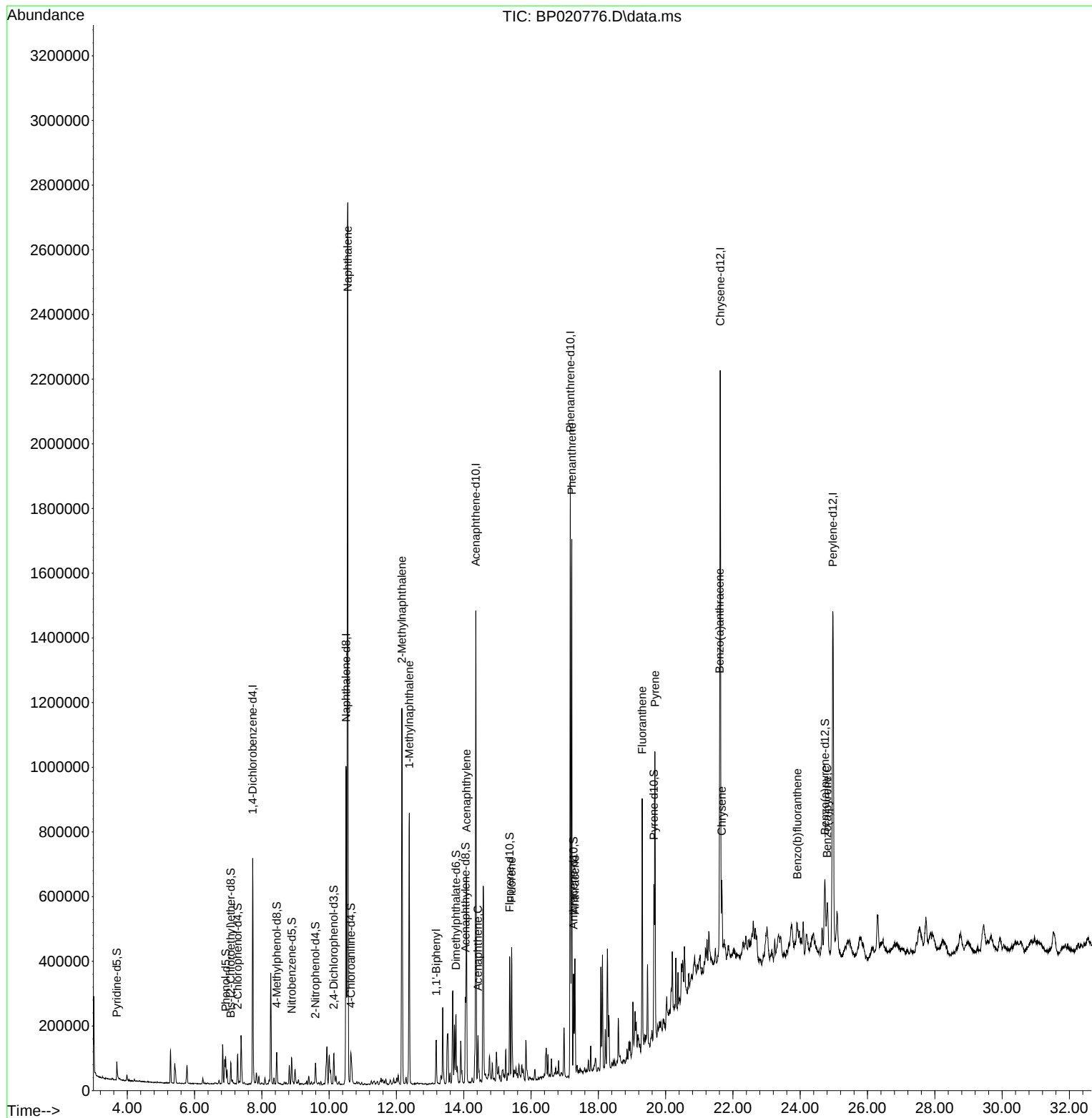
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020776.D
Acq On : 03 Jul 2024 19:29
Operator : MA/JU
Sample : P2962-06DL2 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

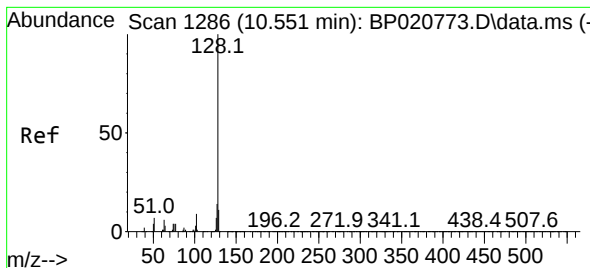
Instrument :
BNA_P
ClientSampleId :
C0T78DL2

Quant Time: Jul 03 22:49:04 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

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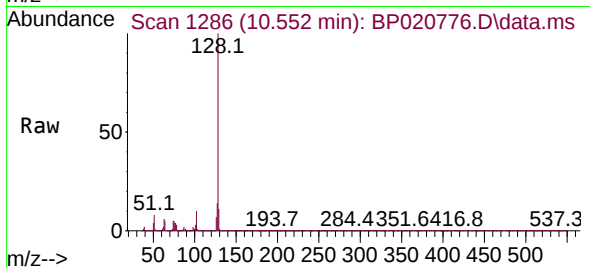
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024





#30
Naphthalene
Concen: 50.556 ng/u1
RT: 10.552 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BP020776.D
Acq: 03 Jul 2024 19:29

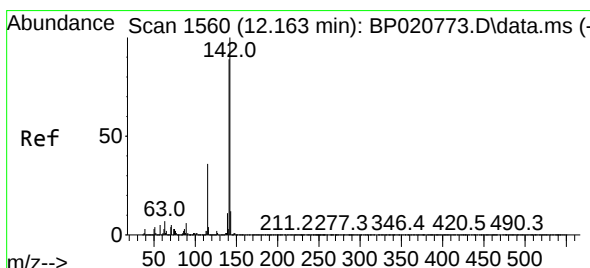
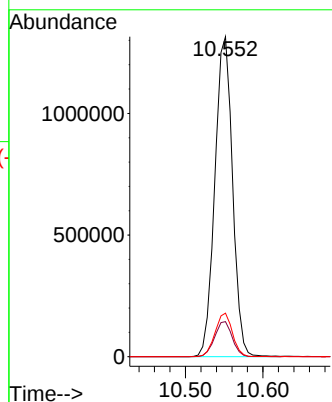
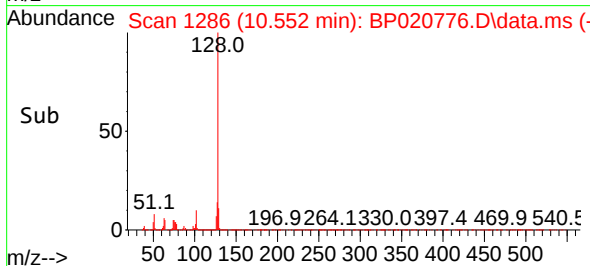
Instrument :
BNA_P
ClientSampleId :
C0T78DL2



Tgt Ion:128 Resp: 208164
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.6 10.6 15.8

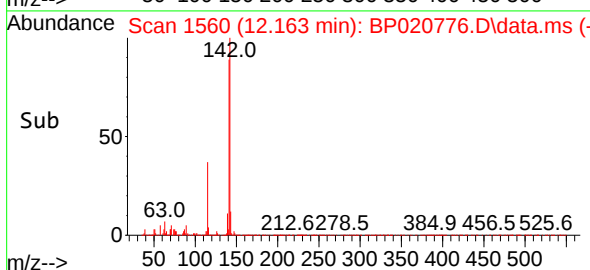
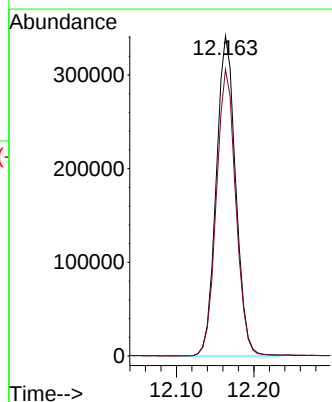
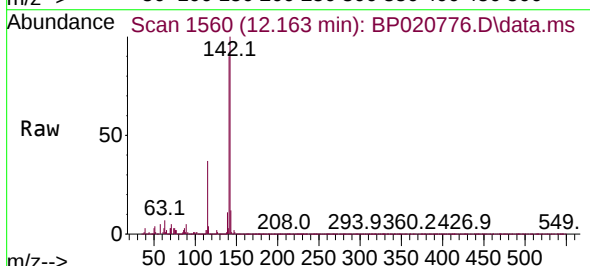
Manual Integrations
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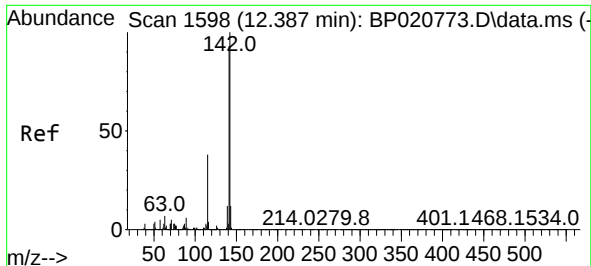
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#36
2-Methylnaphthalene
Concen: 21.573 ng/u1
RT: 12.163 min Scan# 1560
Delta R.T. 0.006 min
Lab File: BP020776.D
Acq: 03 Jul 2024 19:29

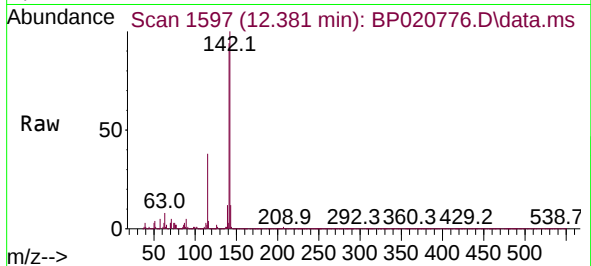
Tgt Ion:142 Resp: 595023
Ion Ratio Lower Upper
142 100
141 89.5 71.1 106.7





#37
1-Methylnaphthalene
Concen: 12.397 ng/ul
RT: 12.381 min Scan# 1597
Delta R.T. 0.006 min
Lab File: BP020776.D
Acq: 03 Jul 2024 19:29

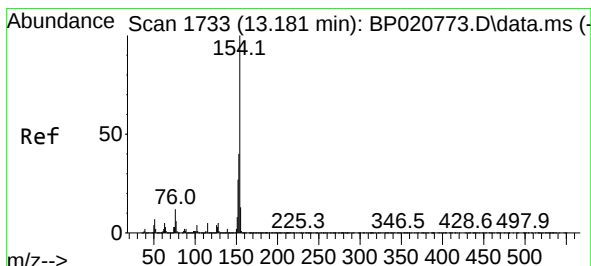
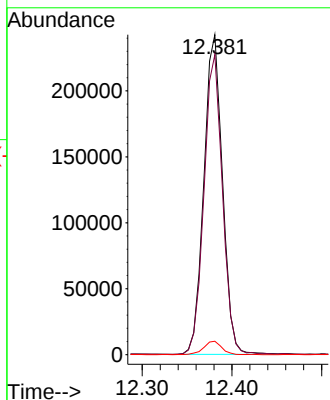
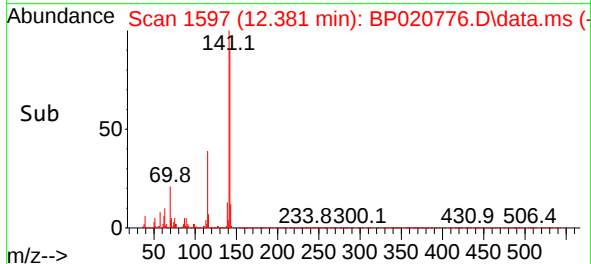
Instrument :
BNA_P
ClientSampleId :
C0T78DL2



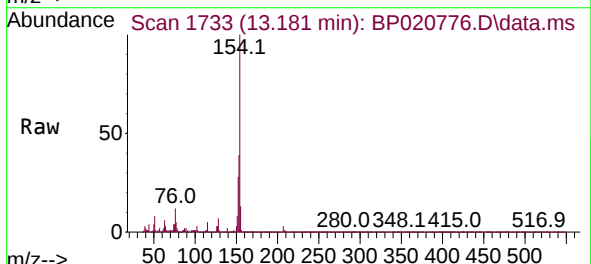
Tgt Ion:142 Resp: 34954
Ion Ratio Lower Upper
142 100
141 93.7 74.9 112.3
116 4.2 3.3 4.9

Manual Integrations
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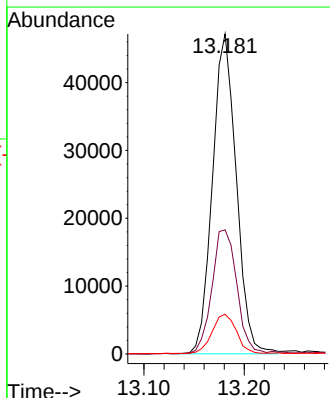
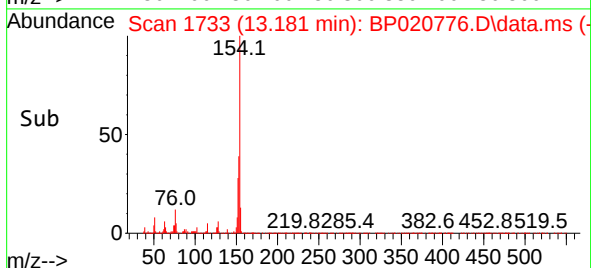
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

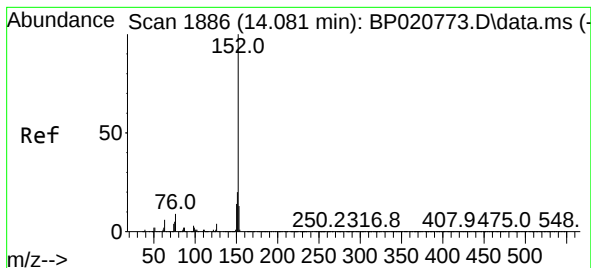


#43
1,1'-Biphenyl
Concen: 2.041 ng/ul
RT: 13.181 min Scan# 1733
Delta R.T. 0.006 min
Lab File: BP020776.D
Acq: 03 Jul 2024 19:29



Tgt Ion:154 Resp: 77777
Ion Ratio Lower Upper
154 100
153 38.8 32.6 48.8
76 12.4 10.8 16.2





#50

Acenaphthylene

Concen: 8.233 ng/ul

RT: 14.081 min Scan# 1886

Delta R.T. 0.012 min

Lab File: BP020776.D

Acq: 03 Jul 2024 19:29

Instrument :

BNA_P

ClientSampleId :

C0T78DL2

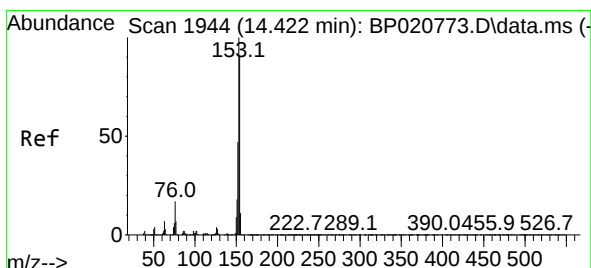
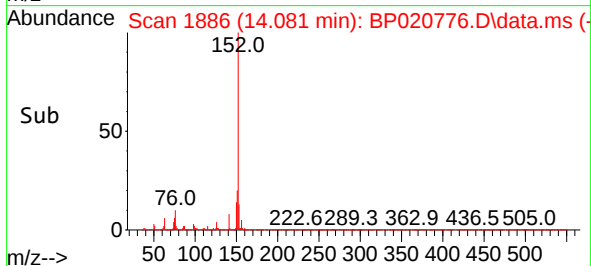
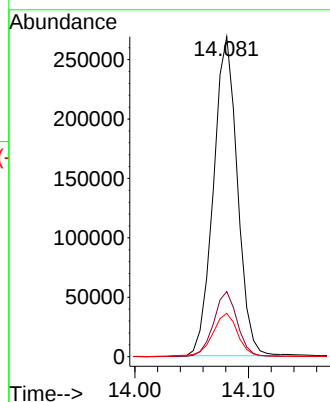
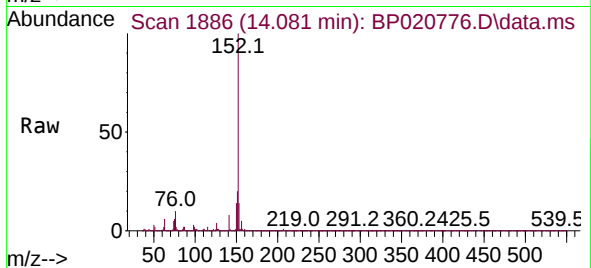
Tgt Ion:	152	Resp:	39314
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.4
153	13.6	10.8	16.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#52

Acenaphthene

Concen: 1.915 ng/ul

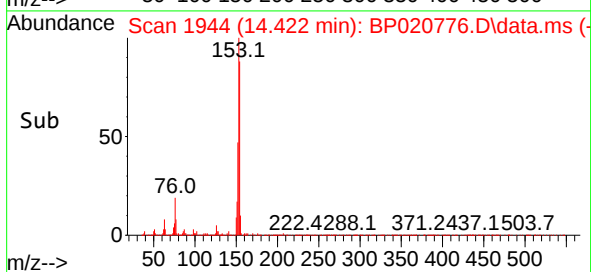
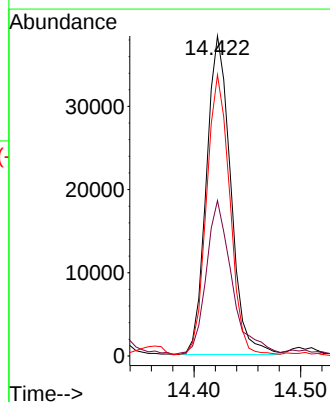
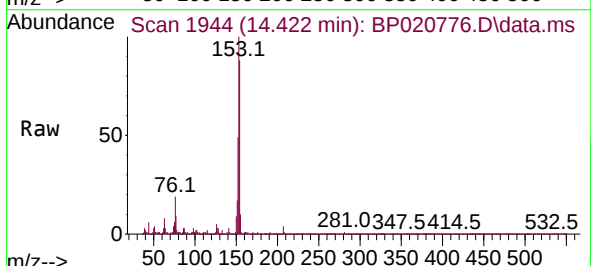
RT: 14.422 min Scan# 1944

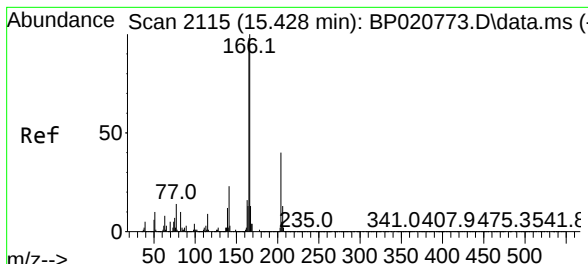
Delta R.T. 0.006 min

Lab File: BP020776.D

Acq: 03 Jul 2024 19:29

Tgt Ion:	153	Resp:	60672
Ion Ratio	Lower	Upper	
153	100		
152	48.6	38.2	57.2
154	87.9	69.8	104.6



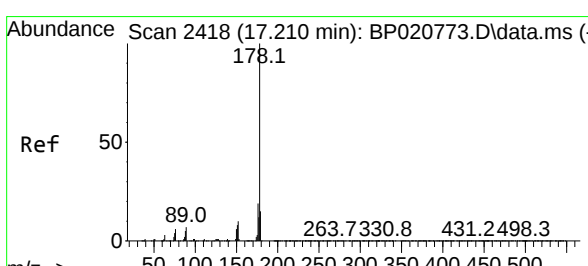
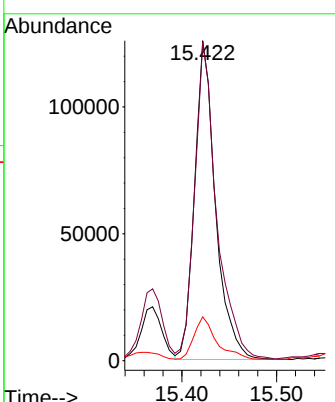
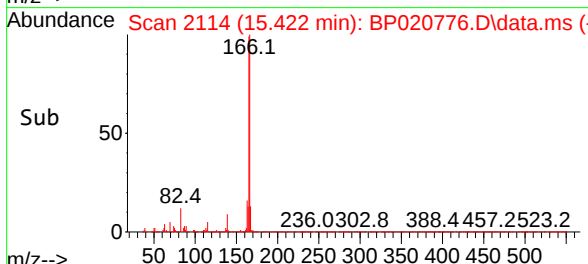
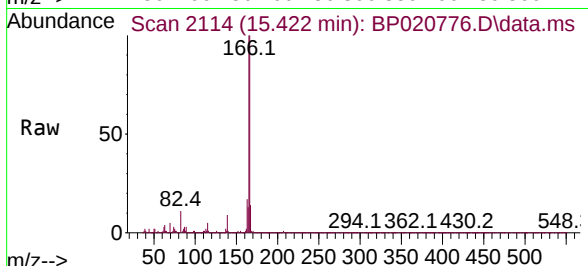


#61
 Fluorene
 Concen: 5.625 ng/ul
 RT: 15.422 min Scan# 2115
 Delta R.T. 0.000 min
 Lab File: BP020776.D
 Acq: 03 Jul 2024 19:29

Instrument : BNA_P
 ClientSampleId : C0T78DL2

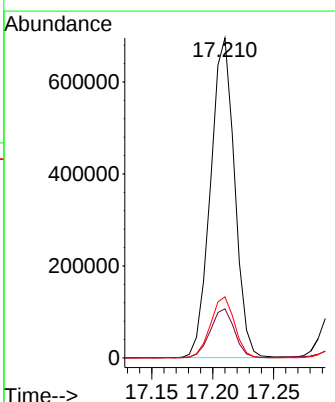
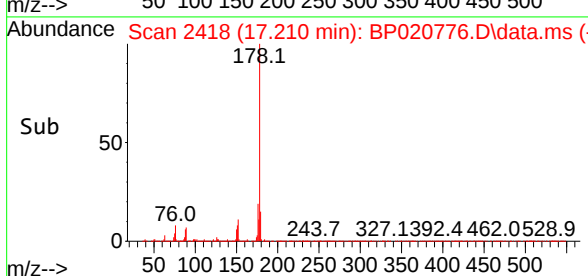
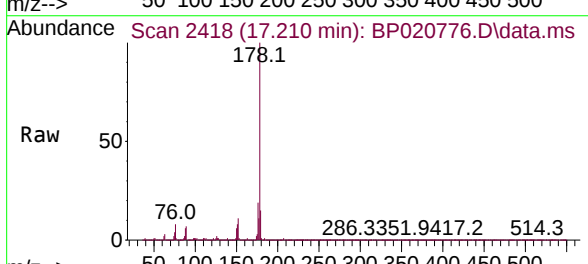
Tgt Ion:	166	Resp:	19290
Ion Ratio	Lower	Upper	
166	100		
165	99.5	78.8	118.2
167	13.7	11.2	16.8

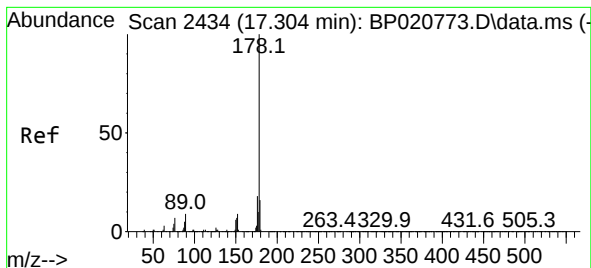
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#72
 Phenanthrene
 Concen: 17.080 ng/ul
 RT: 17.210 min Scan# 2418
 Delta R.T. 0.006 min
 Lab File: BP020776.D
 Acq: 03 Jul 2024 19:29

Tgt Ion:	178	Resp:	955423
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.4	18.6
176	19.1	15.4	23.2





#74

Anthracene

Concen: 4.260 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP020776.D

Acq: 03 Jul 2024 19:29

Instrument :

BNA_P

ClientSampleId :

C0T78DL2

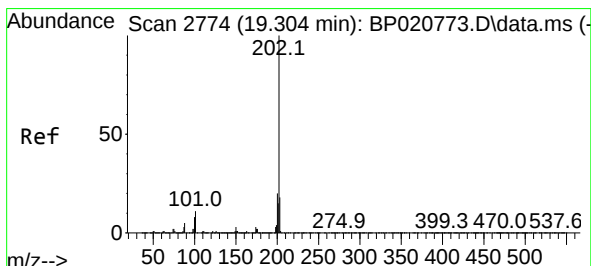
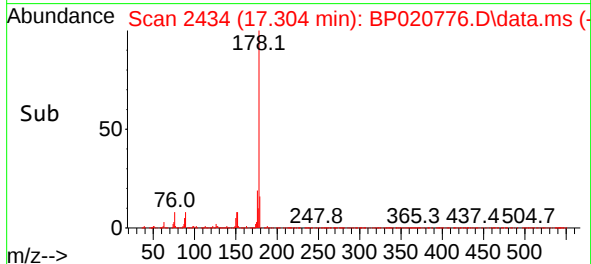
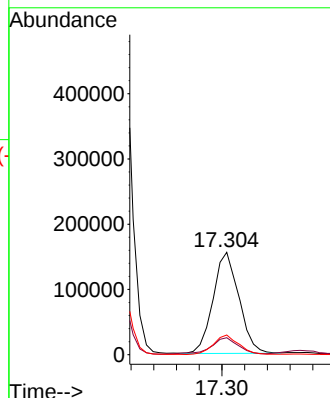
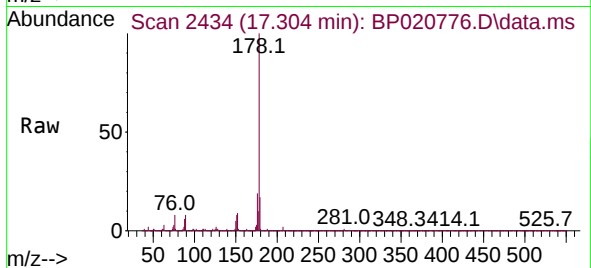
Tgt Ion:178	Resp: 245094
Ion Ratio	Lower Upper
178 100	
179 16.5	12.1 18.1
176 19.3	15.0 22.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#80

Fluoranthene

Concen: 5.349 ng/ul

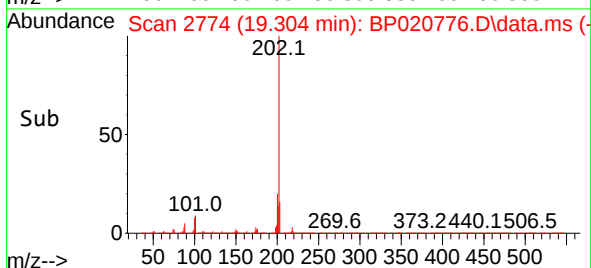
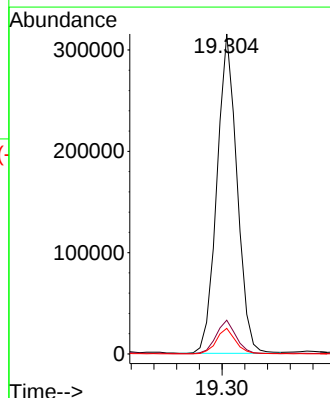
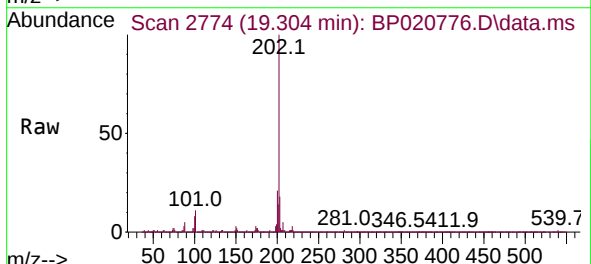
RT: 19.304 min Scan# 2774

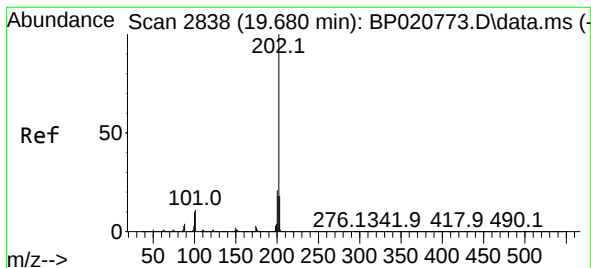
Delta R.T. 0.006 min

Lab File: BP020776.D

Acq: 03 Jul 2024 19:29

Tgt Ion:202	Resp: 387321
Ion Ratio	Lower Upper
202 100	
101 10.5	8.2 12.4
100 8.0	6.6 10.0





#82

Pyrene

Concen: 7.800 ng/ul

RT: 19.681 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020776.D

Acq: 03 Jul 2024 19:29

Instrument :

BNA_P

ClientSampleId :

C0T78DL2

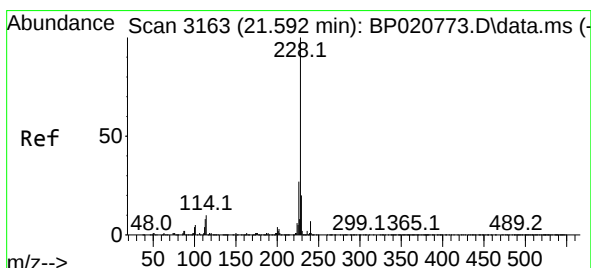
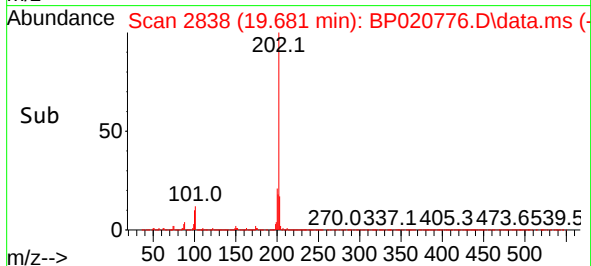
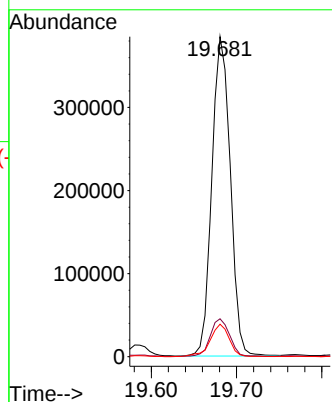
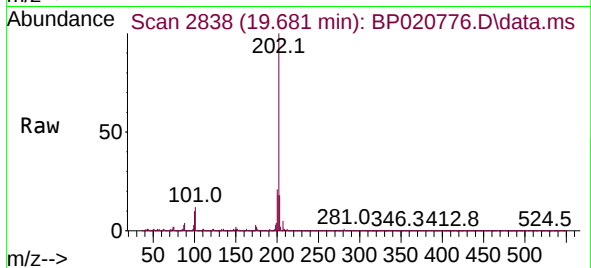
Tgt Ion:	202	Resp:	579274
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.8	14.8
100	10.2	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#85

Benzo(a)anthracene

Concen: 2.866 ng/ul m

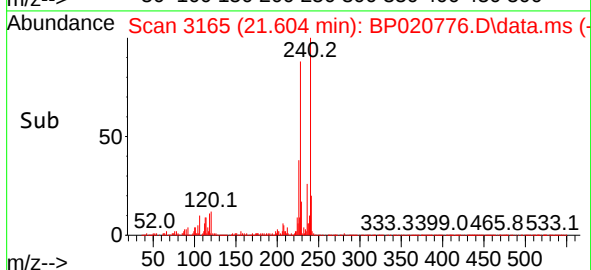
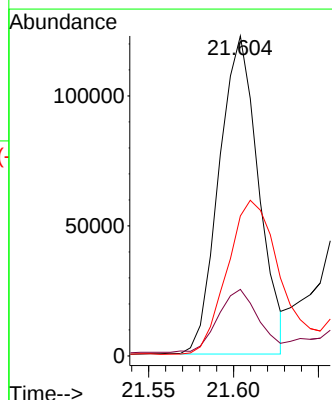
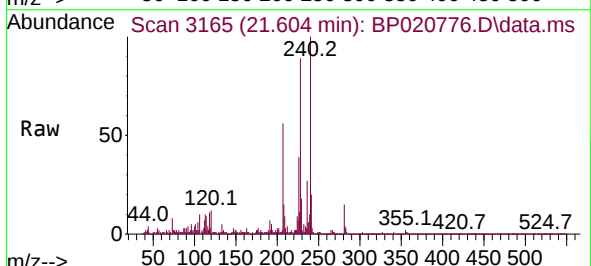
RT: 21.604 min Scan# 3165

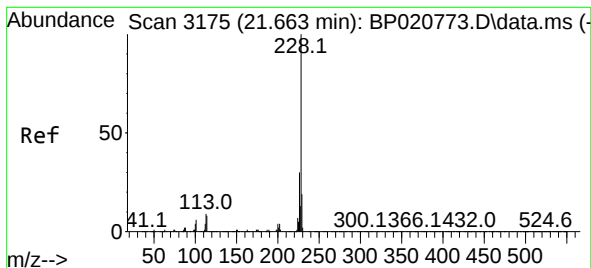
Delta R.T. 0.006 min

Lab File: BP020776.D

Acq: 03 Jul 2024 19:29

Tgt Ion:	228	Resp:	198209
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.2	22.8
226	43.8	21.1	31.7#





#87

Chrysene

Concen: 2.612 ng/ul

RT: 21.669 min Scan# 3176

Delta R.T. 0.000 min

Lab File: BP020776.D

Acq: 03 Jul 2024 19:29

Instrument :

BNA_P

ClientSampleId :

C0T78DL2

Tgt Ion:228 Resp: 170749

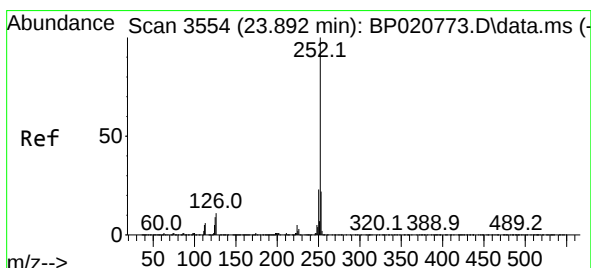
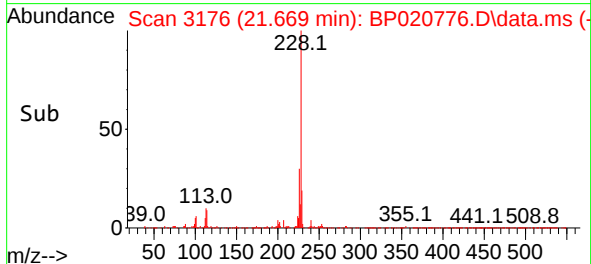
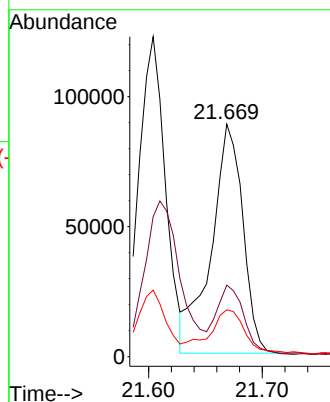
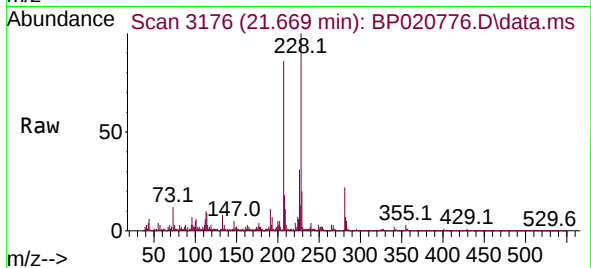
Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.6
229	20.2	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#90

Benzo(b)fluoranthene

Concen: 1.957 ng/ul m

RT: 23.916 min Scan# 3558

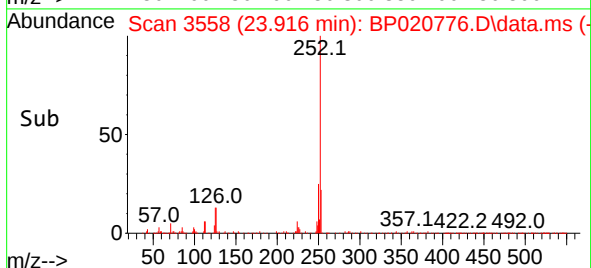
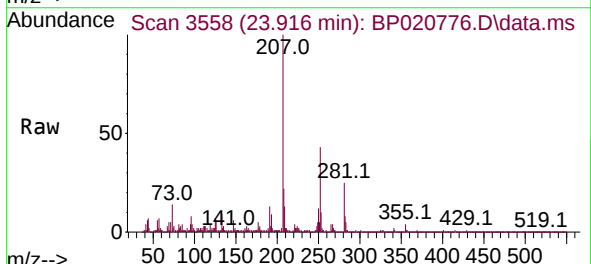
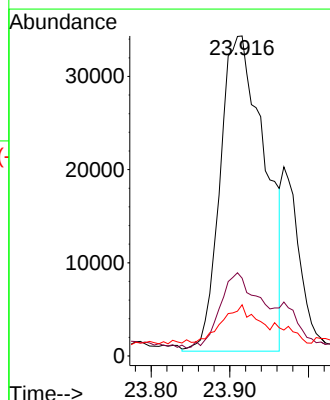
Delta R.T. 0.012 min

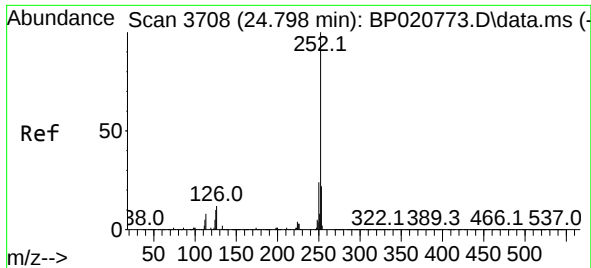
Lab File: BP020776.D

Acq: 03 Jul 2024 19:29

Tgt Ion:252 Resp: 133271

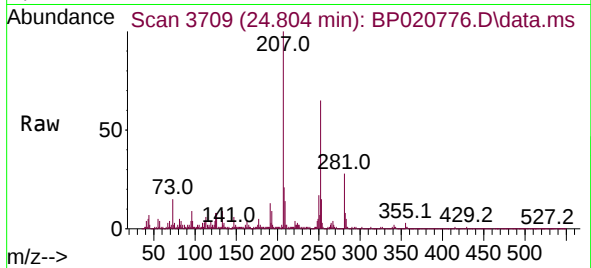
Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	16.0	7.9	11.9





#93
Benzo(a)pyrene
Concen: 2.349 ng/ul
RT: 24.804 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP020776.D
Acq: 03 Jul 2024 19:29

Instrument :
BNA_P
ClientSampleId :
C0T78DL2



Tgt Ion:252 Resp: 15102
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 12.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

