

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
 Data File : BP021471.D
 Acq On : 09 Aug 2024 14:55
 Operator : RC/JU
 Sample : P3329-04ME
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E03ME

Quant Time: Aug 09 23:39:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 18:23:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
 Supervised By :mohammad ahmed 08/12/2024

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

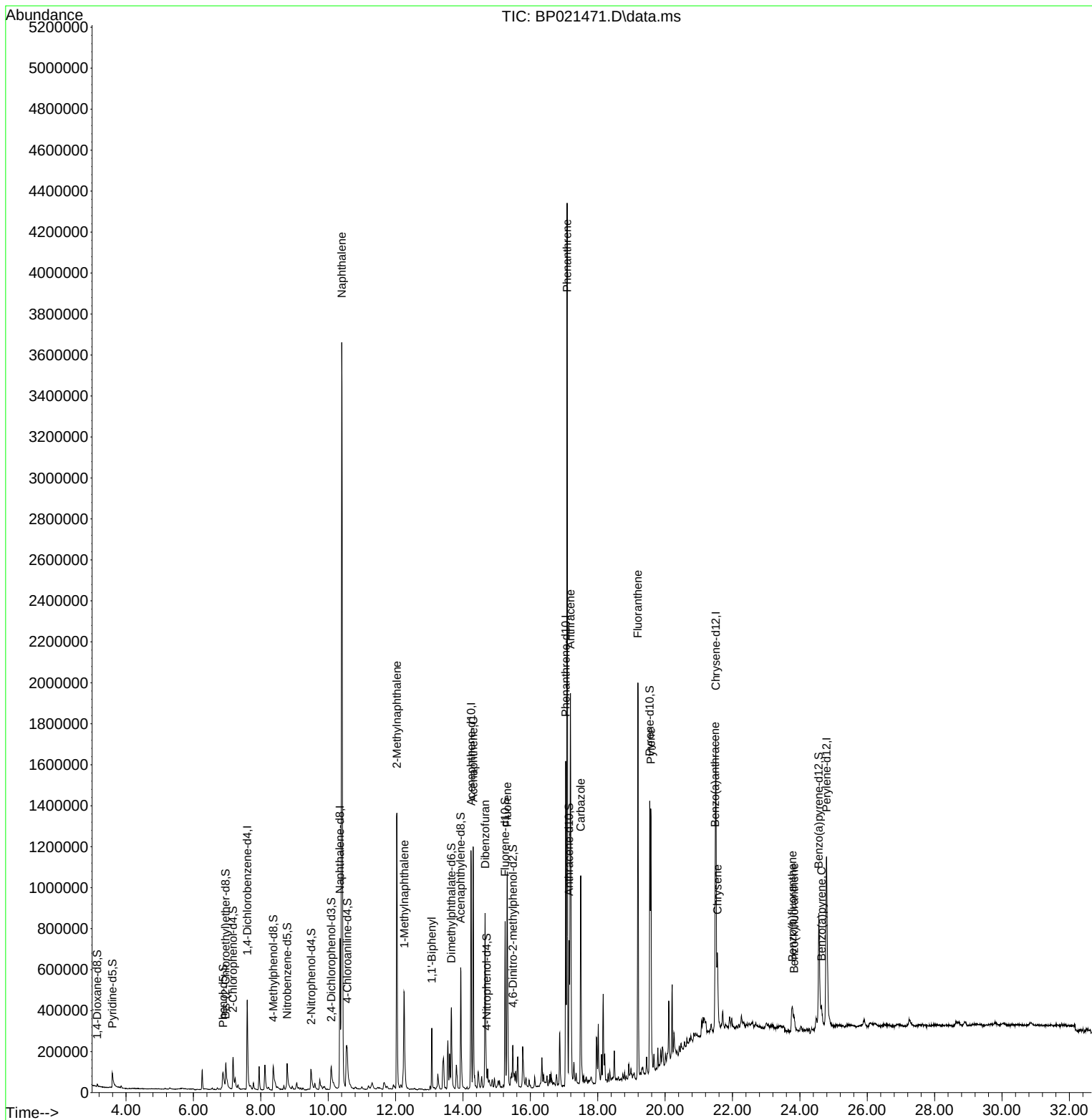
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	147199	20.000	ng/u1	0.00
20) Naphthalene-d8	10.351	136	614243	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.239	164	397539	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	868109	20.000	ng/u1	-0.02
79) Chrysene-d12	21.504	240	854340	20.000	ng/u1	0.00
88) Perylene-d12	24.792	264	953520	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	6364	1.967	ng/uL	0.00
4) Pyridine-d5	3.593	84	64720m	6.911	ng/u1	0.01
7) Phenol-d5	6.881	99	92693	7.724	ng/u1	0.05
9) Bis-(2-Chloroethyl)eth...	6.957	67	78488	10.792	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	95461	9.655	ng/u1	0.02
15) 4-Methylphenol-d8	8.369	113	89763	9.006	ng/u1	0.02
21) Nitrobenzene-d5	8.781	128	39994	8.383	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	47600	8.717	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	91497m	9.266	ng/u1	0.05
31) 4-Chloroaniline-d4	10.563	131	140380m	10.732	ng/u1	0.02
46) Dimethylphthalate-d6	13.657	166	348604	12.063	ng/u1	0.00
49) Acenaphthylene-d8	13.934	160	359579	11.081	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	32075m	7.801	ng/u1	0.13
60) Fluorene-d10	15.251	176	302824	12.773	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.486	200	29146m	5.549	ng/u1	0.04
73) Anthracene-d10	17.151	188	467125	12.115	ng/u1	-0.02
81) Pyrene-d10	19.545	212	549171	10.397	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.562	264	598842	12.734	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.404	128	3656324	113.165	ng/u1	99
36) 2-Methylnaphthalene	12.040	142	683797	30.831	ng/u1	99
37) 1-Methylnaphthalene	12.257	142	293666	12.874	ng/u1	98
43) 1,1'-Biphenyl	13.075	154	157261	5.413	ng/u1	99
52) Acenaphthene	14.304	153	481274	19.736	ng/u1	98
56) Dibenzofuran	14.657	168	583239	17.466	ng/u1	99
61) Fluorene	15.316	166	603964	22.164	ng/u1	99
72) Phenanthrene	17.092	178	2481585	55.105	ng/u1	100
74) Anthracene	17.192	178	1547854m	33.715	ng/u1	
77) Carbazole	17.498	167	714995	19.051	ng/u1	99
80) Fluoranthene	19.192	202	1289871	20.222	ng/u1	100
82) Pyrene	19.574	202	964298	14.856	ng/u1	99
85) Benzo(a)anthracene	21.486	228	317563m	5.306	ng/u1	
87) Chrysene	21.557	228	253969	4.567	ng/u1	99
90) Benzo(b)fluoranthene	23.774	252	149141	2.577	ng/u1#	96
91) Benzo(k)fluoranthene	23.827	252	73427m	1.272	ng/u1	
93) Benzo(a)pyrene	24.645	252	97553	1.784	ng/u1	97

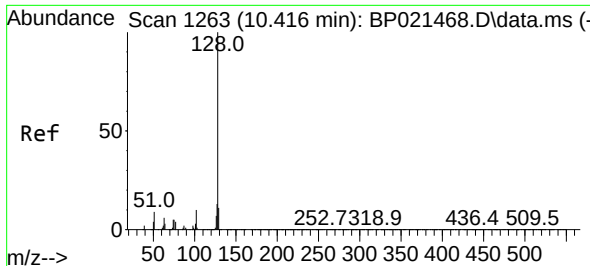
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

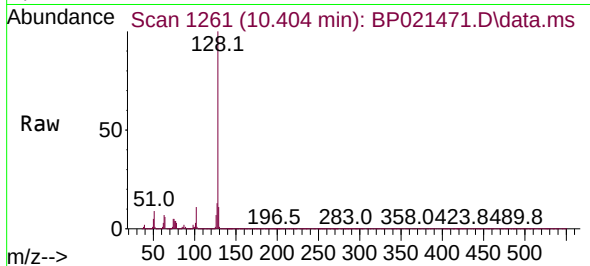
Quant Time: Aug 09 23:39:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 18:23:21 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 113.165 ng/ul
RT: 10.404 min Scan# 1261
Delta R.T. -0.018 min
Lab File: BP021471.D
Acq: 09 Aug 2024 14:55

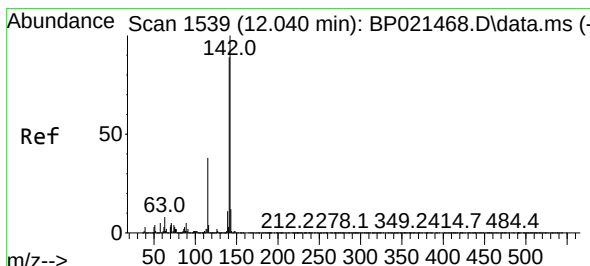
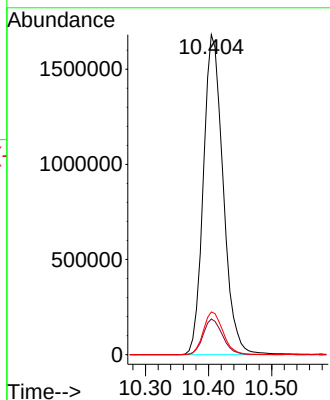
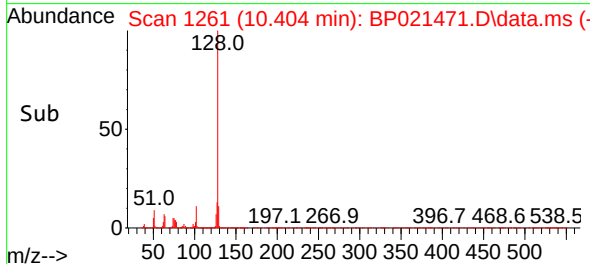
Instrument :
BNA_P
ClientSampleId :
F7E03ME



Tgt Ion:128 Resp: 3656324
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.8 16.2

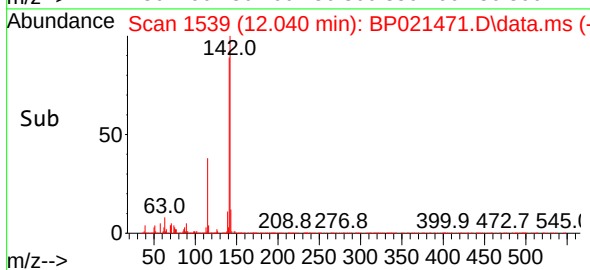
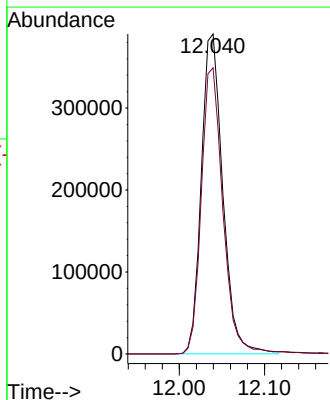
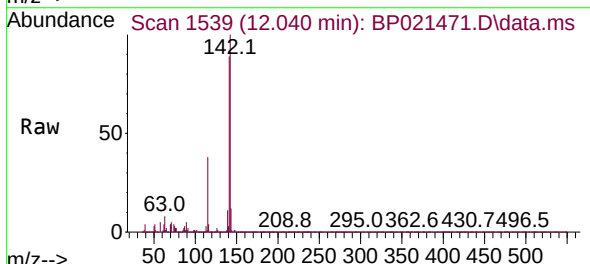
Manual Integrations
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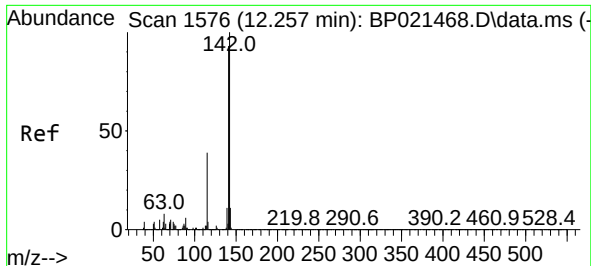
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024



#36
2-Methylnaphthalene
Concen: 30.831 ng/ul
RT: 12.040 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BP021471.D
Acq: 09 Aug 2024 14:55

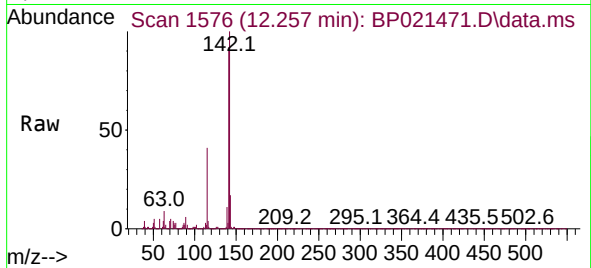
Tgt Ion:142 Resp: 683797
Ion Ratio Lower Upper
142 100
141 89.5 72.6 108.8





#37
1-Methylnaphthalene
Concen: 12.874 ng/ul
RT: 12.257 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP021471.D
Acq: 09 Aug 2024 14:55

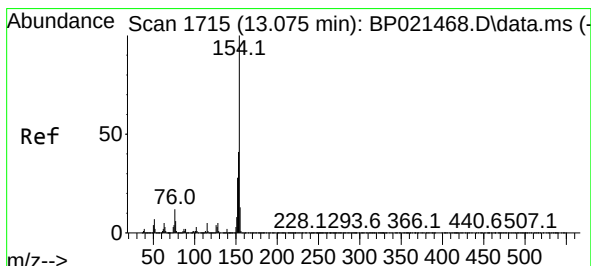
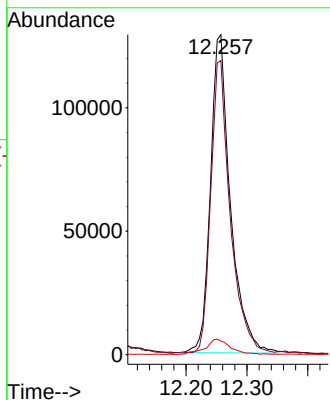
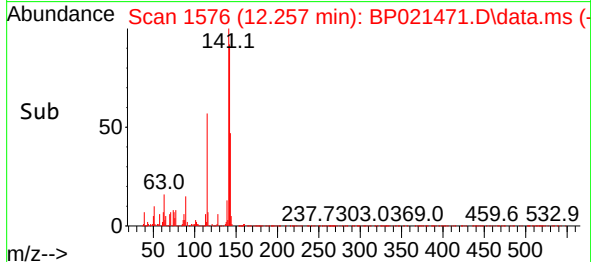
Instrument :
BNA_P
ClientSampleId :
F7E03ME



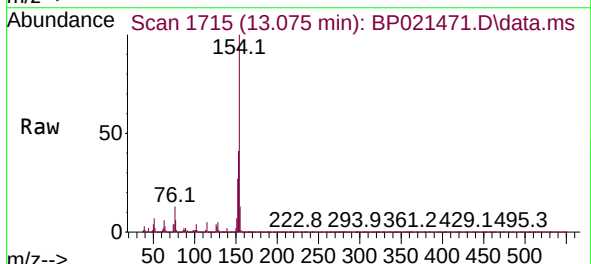
Tgt Ion:142 Resp: 293660
Ion Ratio Lower Upper
142 100
141 91.9 75.0 112.6
116 4.3 3.2 4.8

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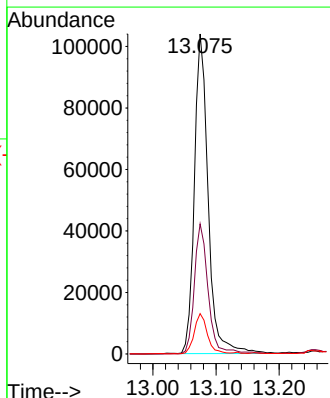
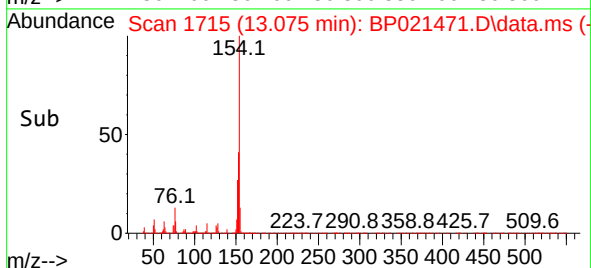
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

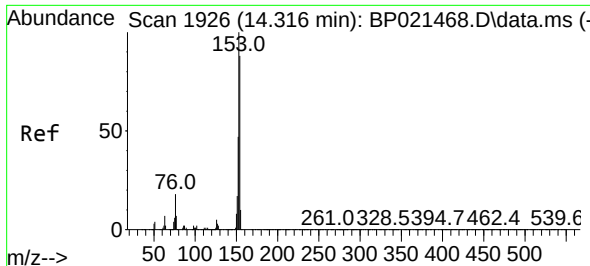


#43
1,1'-Biphenyl
Concen: 5.413 ng/ul
RT: 13.075 min Scan# 1715
Delta R.T. 0.018 min
Lab File: BP021471.D
Acq: 09 Aug 2024 14:55



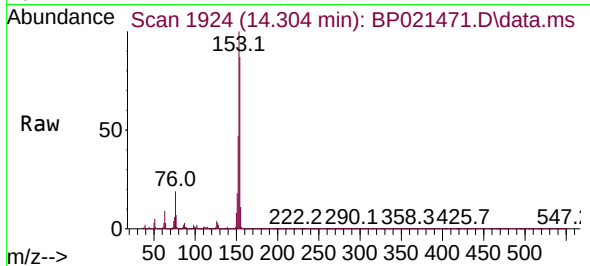
Tgt Ion:154 Resp: 157261
Ion Ratio Lower Upper
154 100
153 40.6 32.7 49.1
76 12.6 9.4 14.2





#52
Acenaphthene
Concen: 19.736 ng/ul
RT: 14.304 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP021471.D
Acq: 09 Aug 2024 14:55

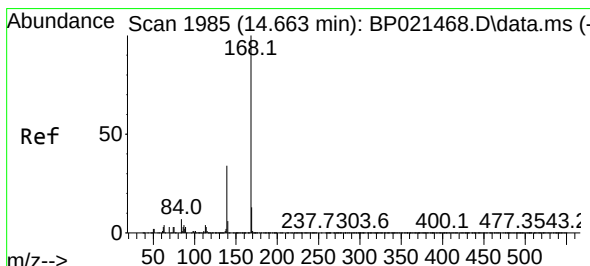
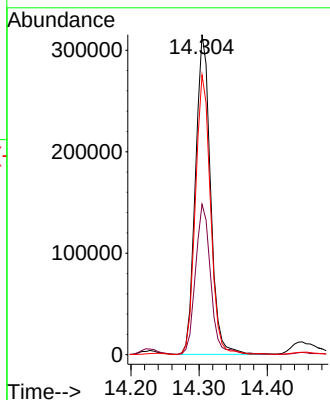
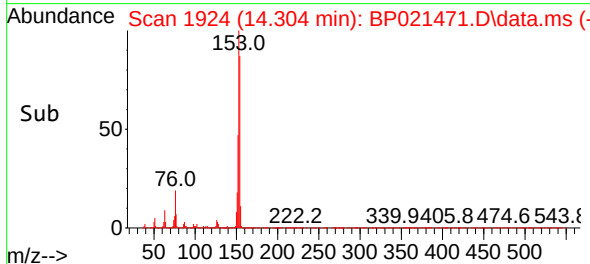
Instrument :
BNA_P
ClientSampleId :
F7E03ME



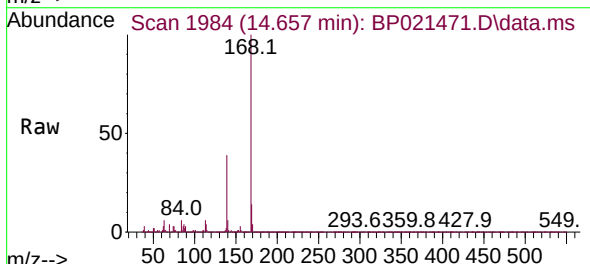
Tgt Ion:153 Resp: 481274
Ion Ratio Lower Upper
153 100
152 47.0 37.8 56.6
154 87.4 71.8 107.6

Manual Integrations
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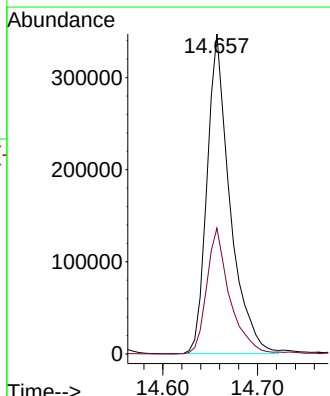
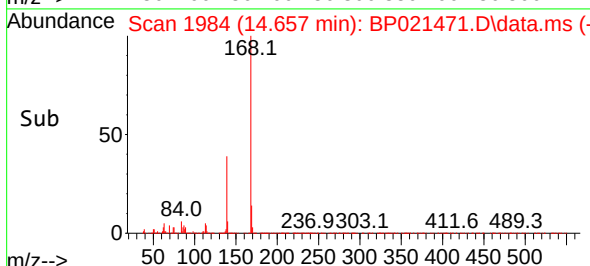
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

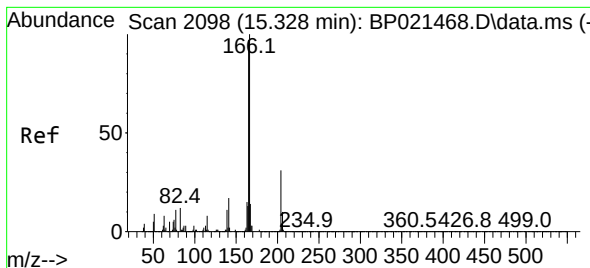


#56
Dibenzofuran
Concen: 17.466 ng/ul
RT: 14.657 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BP021471.D
Acq: 09 Aug 2024 14:55



Tgt Ion:168 Resp: 583239
Ion Ratio Lower Upper
168 100
139 39.3 31.1 46.7





#61

Fluorene

Concen: 22.164 ng/u1

RT: 15.316 min Scan# 2098

Delta R.T. -0.000 min

Lab File: BP021471.D

Acq: 09 Aug 2024 14:55

Instrument :

BNA_P

ClientSampleId :

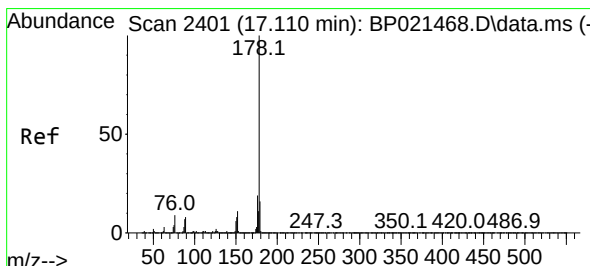
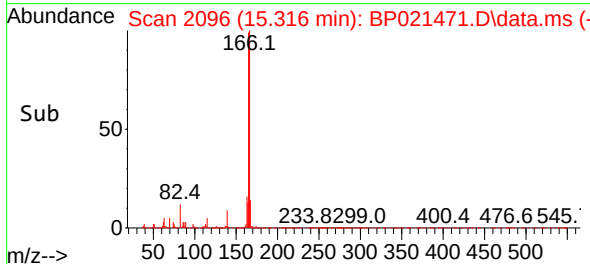
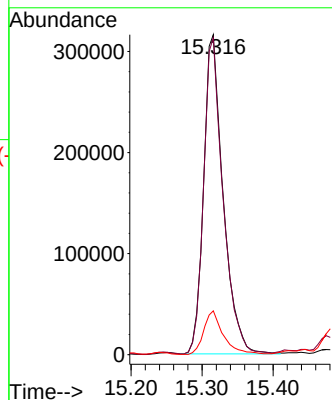
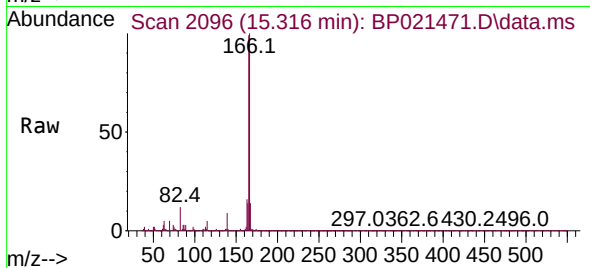
F7E03ME

Tgt Ion:166	Resp: 603964
Ion Ratio	Lower Upper
166	100
165	99.0 78.1 117.1
167	13.7 10.9 16.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024



#72

Phenanthrene

Concen: 55.105 ng/u1

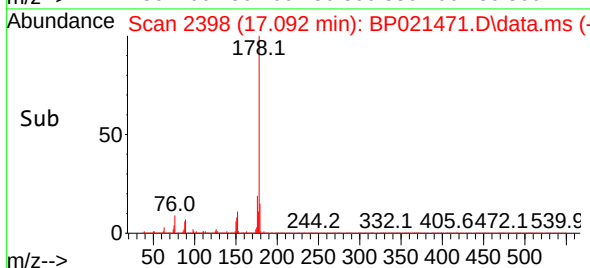
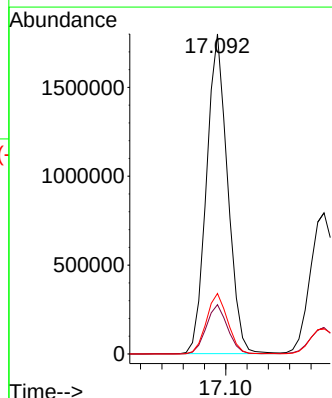
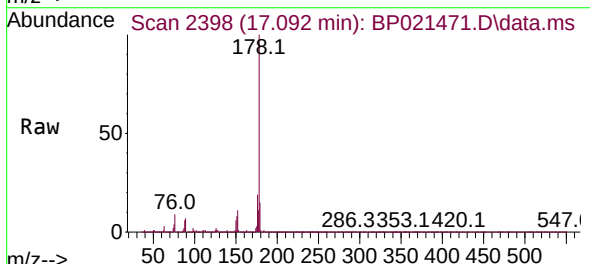
RT: 17.092 min Scan# 2398

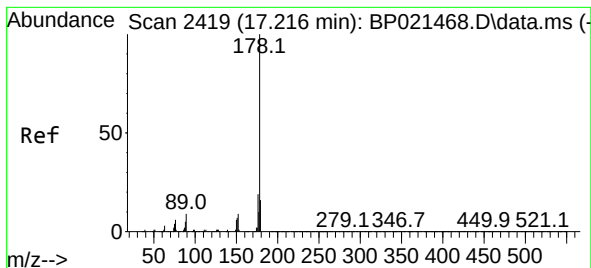
Delta R.T. -0.024 min

Lab File: BP021471.D

Acq: 09 Aug 2024 14:55

Tgt Ion:178	Resp: 2481585
Ion Ratio	Lower Upper
178	100
179	15.4 12.2 18.4
176	18.9 15.0 22.4





#74

Anthracene

Concen: 33.715 ng/ul m

RT: 17.192 min Scan# 2419

Delta R.T. -0.018 min

Lab File: BP021471.D

Acq: 09 Aug 2024 14:55

Instrument :

BNA_P

ClientSampleId :

F7E03ME

Tgt Ion:178 Resp: 1547854

Ion Ratio Lower Upper

178 100

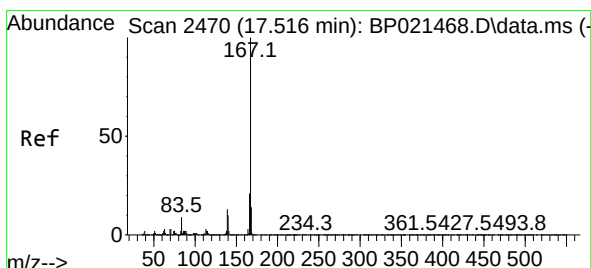
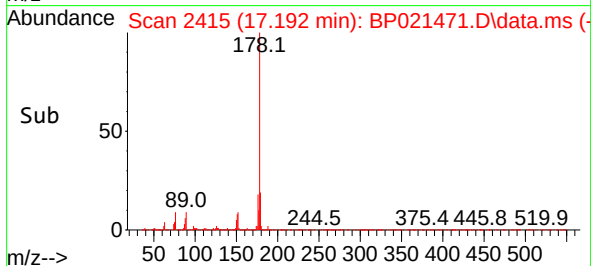
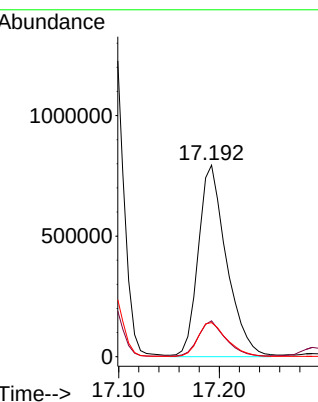
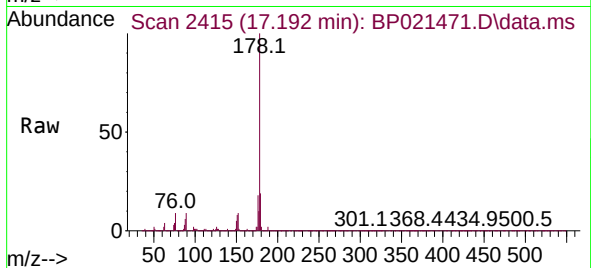
179 18.7 12.5 18.7

176 17.8 14.8 22.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024



#77

Carbazole

Concen: 19.051 ng/ul

RT: 17.498 min Scan# 2467

Delta R.T. -0.018 min

Lab File: BP021471.D

Acq: 09 Aug 2024 14:55

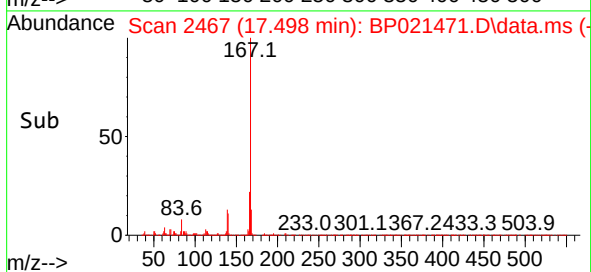
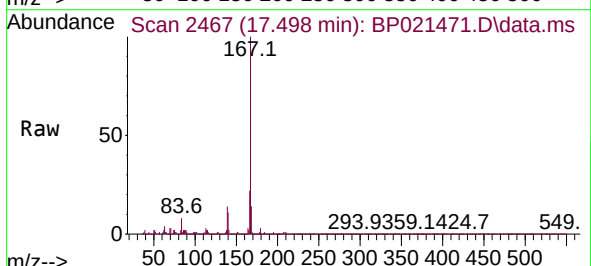
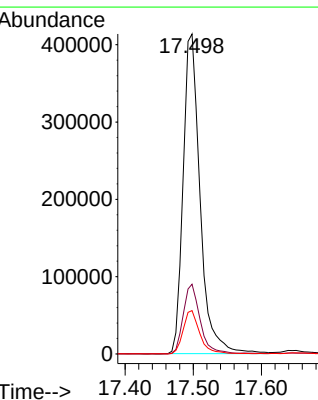
Tgt Ion:167 Resp: 714995

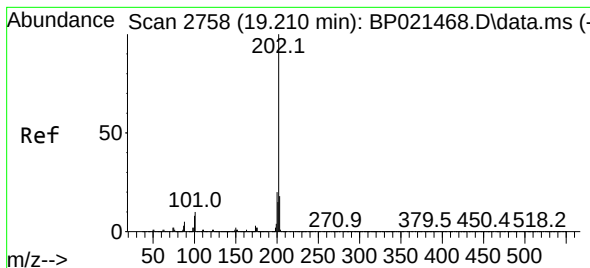
Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

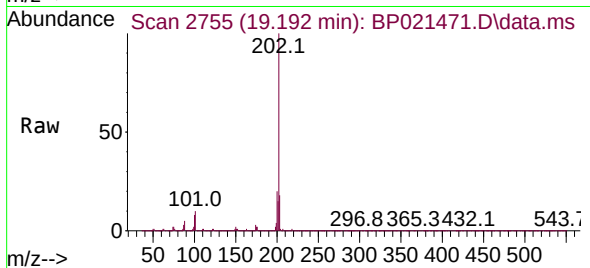
139 13.6 10.2 15.2





#80
Fluoranthene
Concen: 20.222 ng/ul
RT: 19.192 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP021471.D
Acq: 09 Aug 2024 14:55

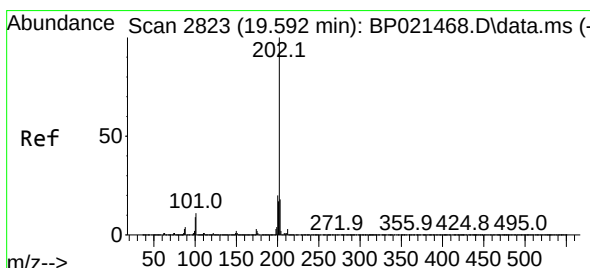
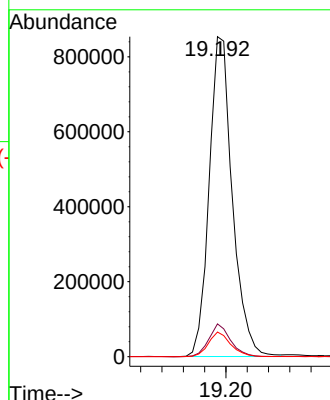
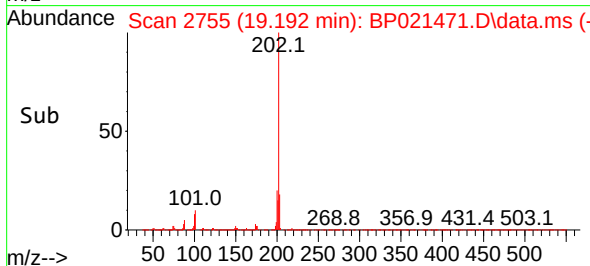
Instrument :
BNA_P
ClientSampleId :
F7E03ME



Tgt Ion:202 Resp: 128987
Ion Ratio Lower Upper
202 100
101 10.2 8.0 12.0
100 7.7 6.1 9.1

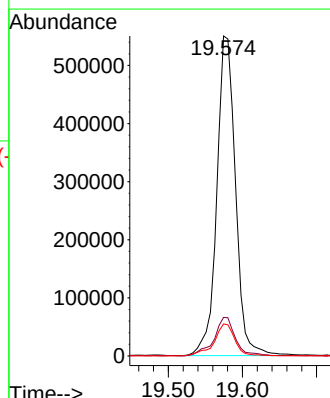
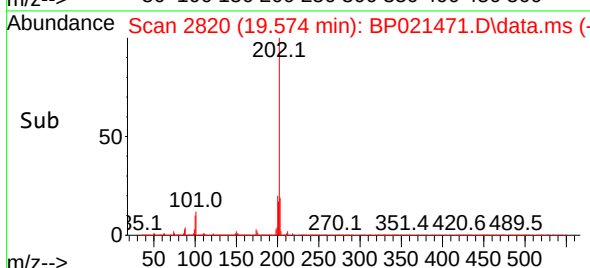
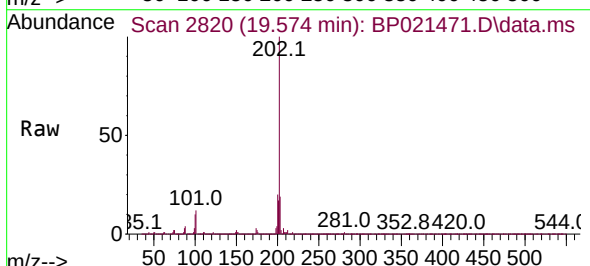
Manual Integrations
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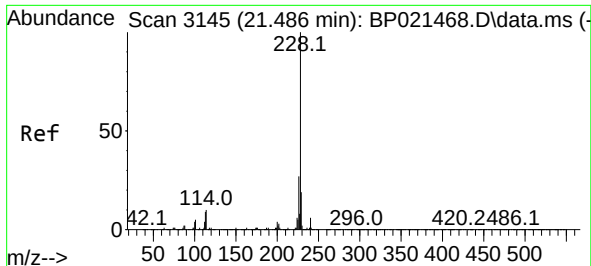
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024



#82
Pyrene
Concen: 14.856 ng/ul
RT: 19.574 min Scan# 2820
Delta R.T. -0.018 min
Lab File: BP021471.D
Acq: 09 Aug 2024 14:55

Tgt Ion:202 Resp: 964298
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.2
100 10.0 7.8 11.6





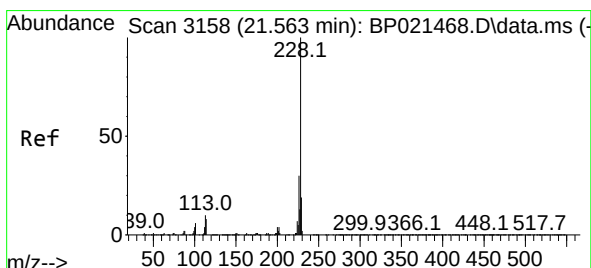
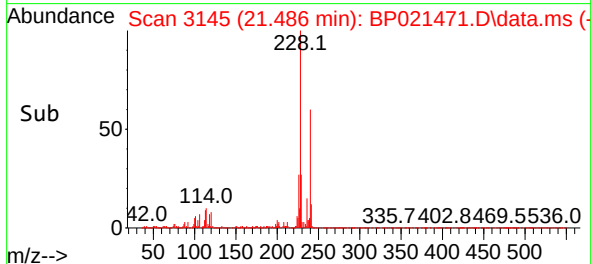
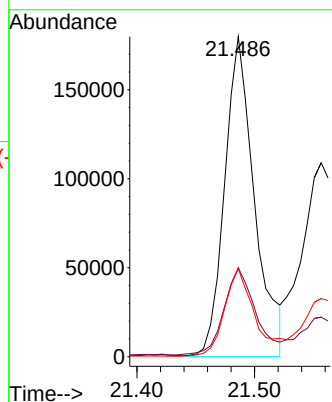
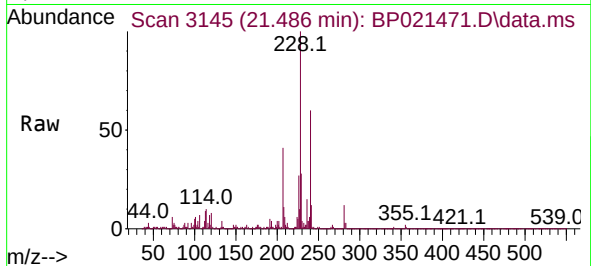
#85
Benzo(a)anthracene
Concen: 5.306 ng/ul m
RT: 21.486 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP021471.D
Acq: 09 Aug 2024 14:55

Instrument :
BNA_P
ClientSampleId :
F7E03ME

Tgt Ion:228 Resp: 31756
Ion Ratio Lower Upper
228 100
229 27.8 15.5 23.3
226 27.5 21.4 32.2

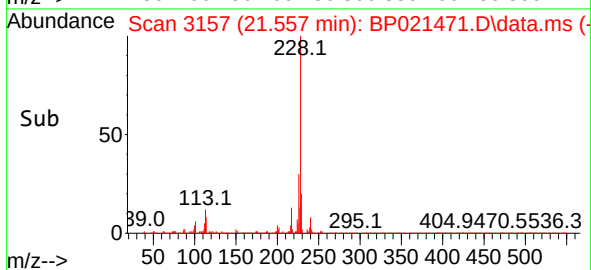
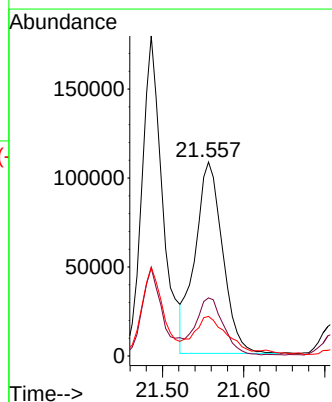
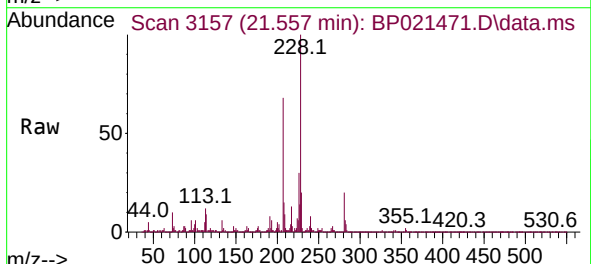
Manual Integrations
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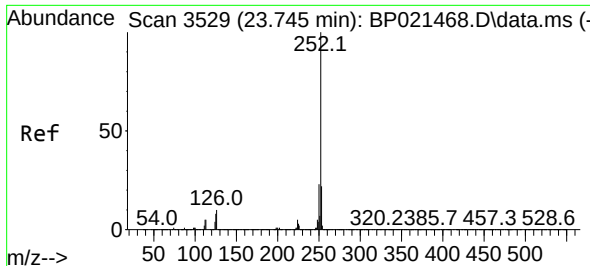
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024



#87
Chrysene
Concen: 4.567 ng/ul
RT: 21.557 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BP021471.D
Acq: 09 Aug 2024 14:55

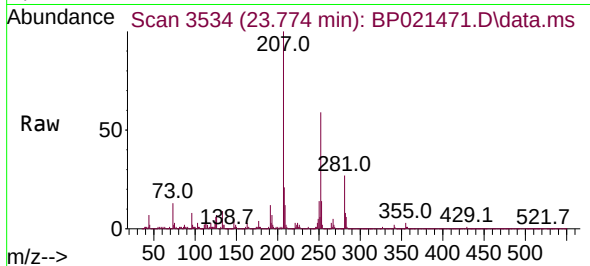
Tgt Ion:228 Resp: 253969
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 20.4 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.577 ng/ul
RT: 23.774 min Scan# 3534
Delta R.T. 0.023 min
Lab File: BP021471.D
Acq: 09 Aug 2024 14:55

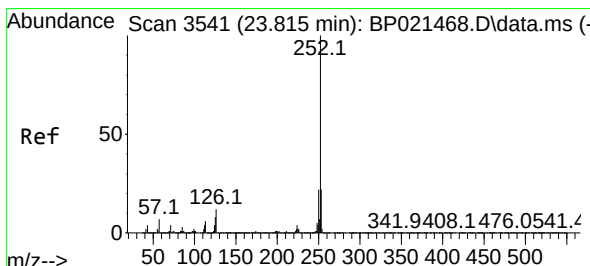
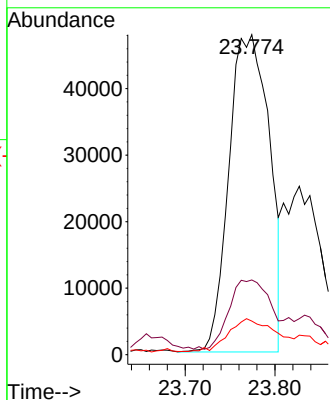
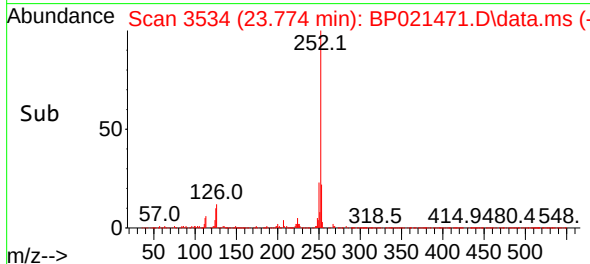
Instrument :
BNA_P
ClientSampleId :
F7E03ME



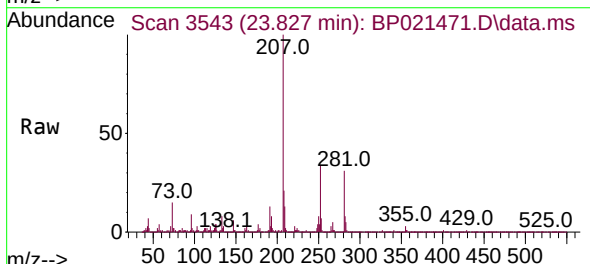
Tgt Ion:252 Resp: 14914
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 10.5 7.0 10.4

Manual Integrations
APPROVED

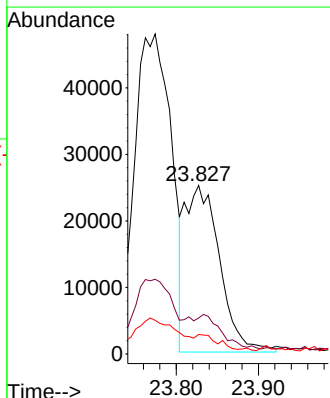
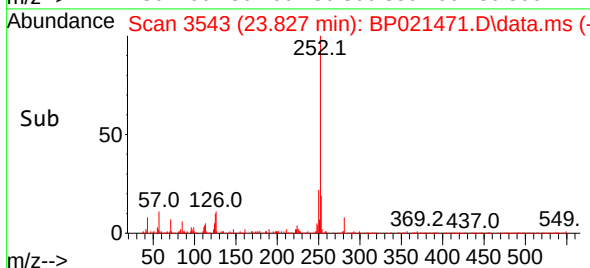
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

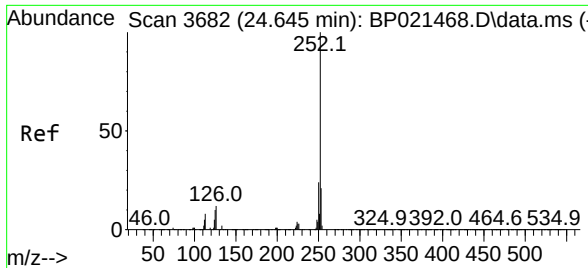


#91
Benzo(k)fluoranthene
Concen: 1.272 ng/ul m
RT: 23.827 min Scan# 3543
Delta R.T. 0.017 min
Lab File: BP021471.D
Acq: 09 Aug 2024 14:55



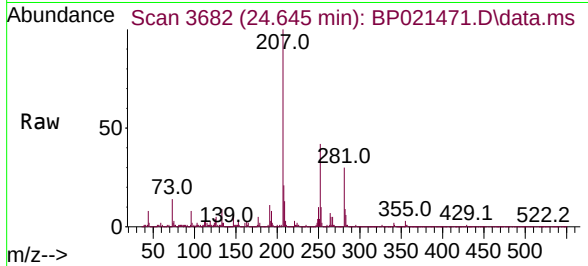
Tgt Ion:252 Resp: 73427
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 11.6 7.4 11.0#





#93
Benzo(a)pyrene
Concen: 1.784 ng/ul
RT: 24.645 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP021471.D
Acq: 09 Aug 2024 14:55

Instrument :
BNA_P
ClientSampleId :
F7E03ME



Tgt Ion:252 Resp: 9755
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 9.9 7.7 11.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

