

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021422.D
 Acq On : 07 Aug 2024 16:23
 Operator : CG/JU
 Sample : P3329-05DL2 30X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E07DL2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

Quant Time: Aug 08 05:09:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	128750	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.375	136	460209	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.257	164	382728	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.075	188	858568	20.000	ng/u1	-0.02
79) Chrysene-d12	21.527	240	931825	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1109682	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	578	0.204	ng/uL	-0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	7.010	67	9198m	1.446	ng/u1	0.03
11) 2-Chlorophenol-d4	7.258	132	9000m	1.041	ng/u1	0.08
15) 4-Methylphenol-d8	8.440	113	9269m	1.063	ng/u1	0.08
21) Nitrobenzene-d5	8.852	128	3289m	0.920	ng/u1	0.06
24) 2-Nitrophenol-d4	9.528	143	4583m	1.120	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.157	165	9168m	1.239	ng/u1	0.11
31) 4-Chloroaniline-d4	10.581	131	9528	0.972	ng/u1	0.02
46) Dimethylphthalate-d6	13.675	166	32182	1.157	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	32124	1.028	ng/u1	-0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.275	176	34644	1.518	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.181	188	55182	1.447	ng/u1	-0.01
81) Pyrene-d10	19.563	212	71869	1.248	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.604	264	74301	1.358	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.428	128	5798836	239.549	ng/u1	99
36) 2-Methylnaphthalene	12.045	142	986384	59.361	ng/u1	99
37) 1-Methylnaphthalene	12.263	142	428390	25.067	ng/u1	99
43) 1,1'-Biphenyl	13.081	154	236525	8.456	ng/u1	98
50) Acenaphthylene	13.981	152	53689	1.518	ng/u1#	94
52) Acenaphthene	14.316	153	825148	35.147	ng/u1	98
56) Dibenzofuran	14.669	168	997564	31.029	ng/u1	99
61) Fluorene	15.328	166	992411	37.828	ng/u1	99
72) Phenanthrene	17.116	178	4164184	93.495	ng/u1	99
74) Anthracene	17.216	178	1439768	31.709	ng/u1	98
77) Carbazole	17.522	167	848562	22.861	ng/u1	100
80) Fluoranthene	19.216	202	2660033	38.234	ng/u1	99
82) Pyrene	19.592	202	1860373	26.278	ng/u1	98
85) Benzo(a)anthracene	21.504	228	616672m	9.447	ng/u1	
87) Chrysene	21.569	228	495736	8.173	ng/u1	97
90) Benzo(b)fluoranthene	23.792	252	334594	4.969	ng/u1	98
91) Benzo(k)fluoranthene	23.851	252	125121	1.862	ng/u1	97
93) Benzo(a)pyrene	24.674	252	198661	3.122	ng/u1	94

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

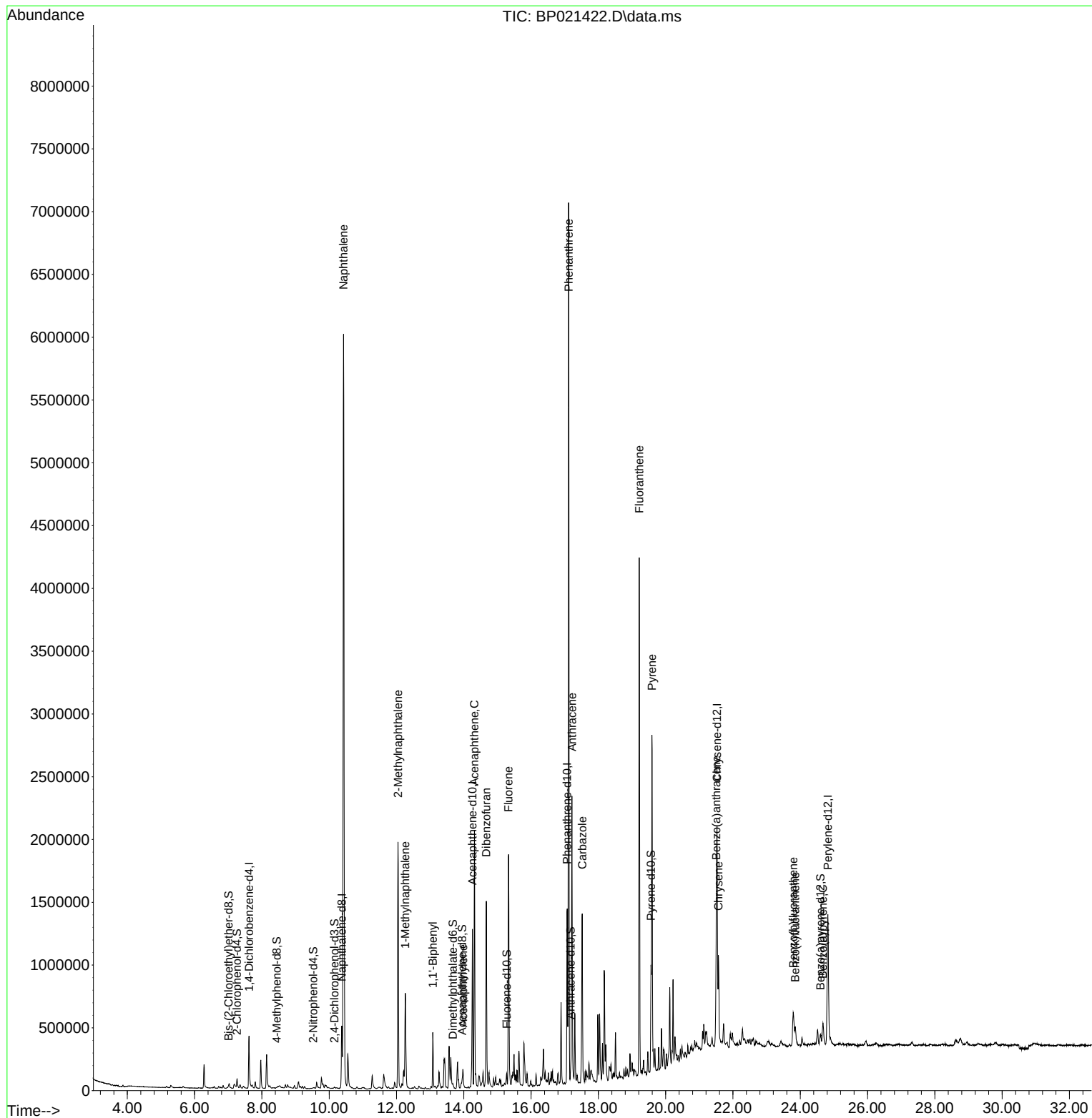
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021422.D
Acq On : 07 Aug 2024 16:23
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Sample : P3329-05DL2 30X
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ALS Vial : 13 Sample Multiplier: 1

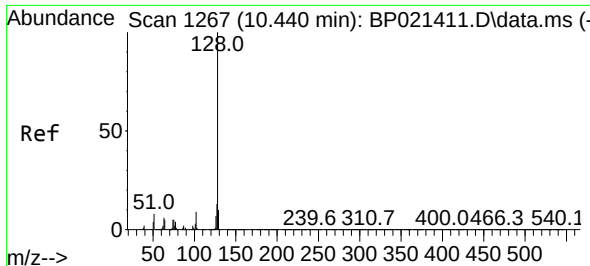
Instrument :
BNA_P
ClientSampleId :
F7E07DL2

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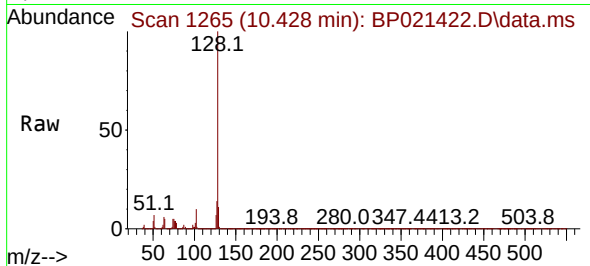
Quant Time: Aug 08 05:09:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 239.549 ng/ul
RT: 10.428 min Scan# 1265
Delta R.T. -0.011 min
Lab File: BP021422.D
Acq: 07 Aug 2024 16:23

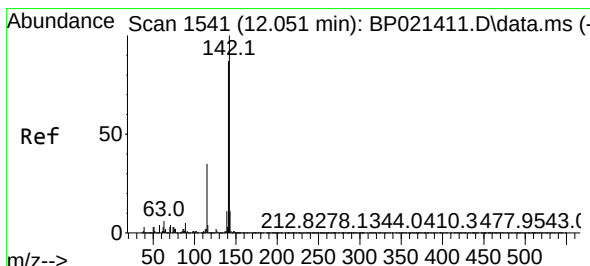
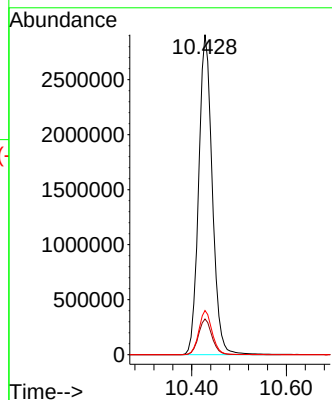
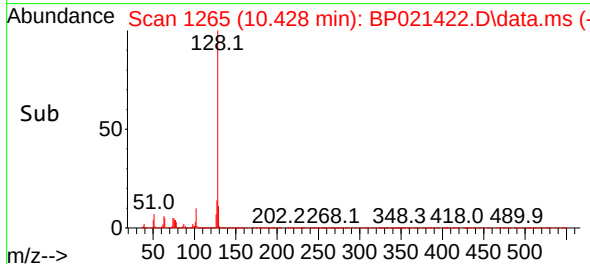
Instrument :
BNA_P
ClientSampleId :
F7E07DL2



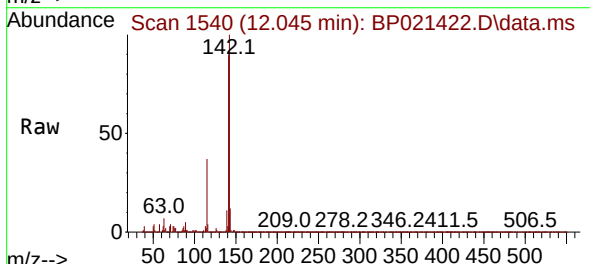
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Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.8 10.8 16.2

Manual Integrations
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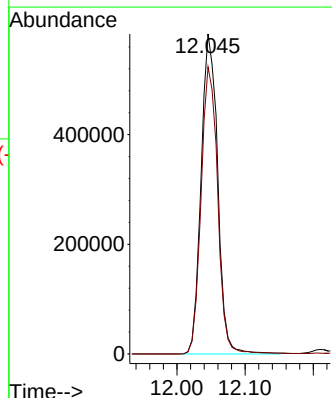
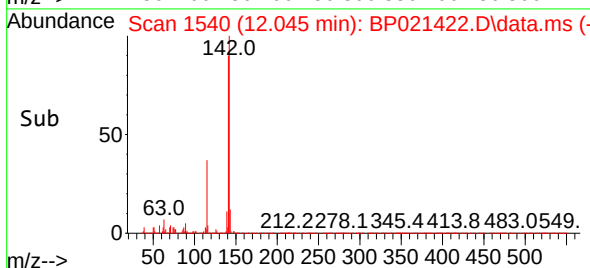
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

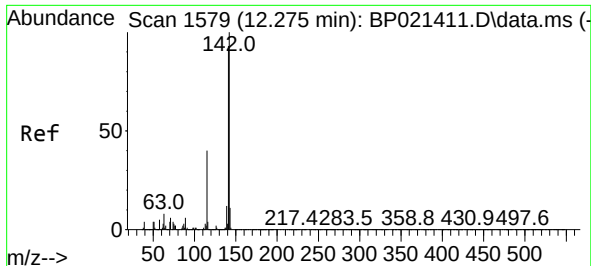


#36
2-Methylnaphthalene
Concen: 59.361 ng/ul
RT: 12.045 min Scan# 1540
Delta R.T. -0.023 min
Lab File: BP021422.D
Acq: 07 Aug 2024 16:23



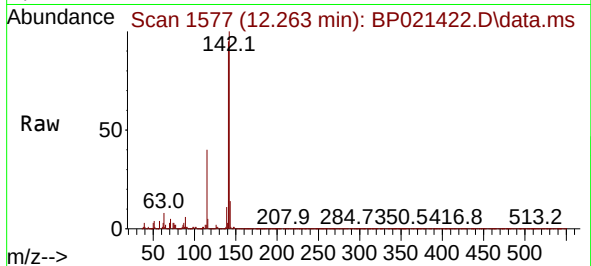
Tgt Ion:142 Resp: 986384
Ion Ratio Lower Upper
142 100
141 89.7 72.6 108.8





#37
1-Methylnaphthalene
Concen: 25.067 ng/ul
RT: 12.263 min Scan# 1577
Delta R.T. -0.029 min
Lab File: BP021422.D
Acq: 07 Aug 2024 16:23

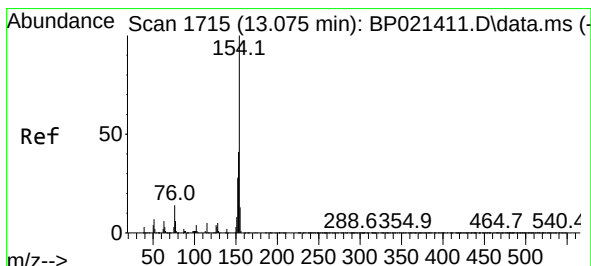
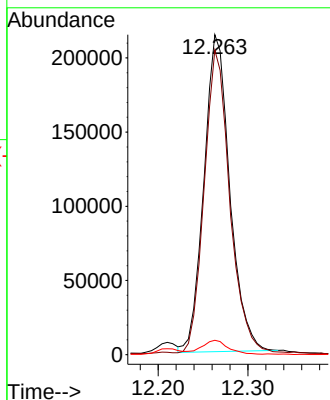
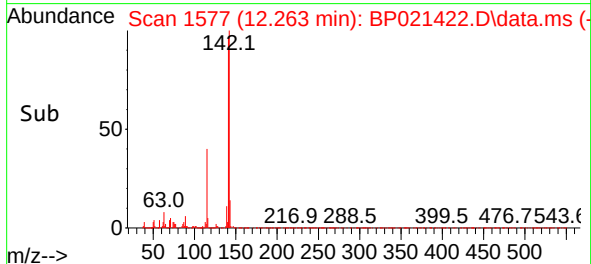
Instrument :
BNA_P
ClientSampleId :
F7E07DL2



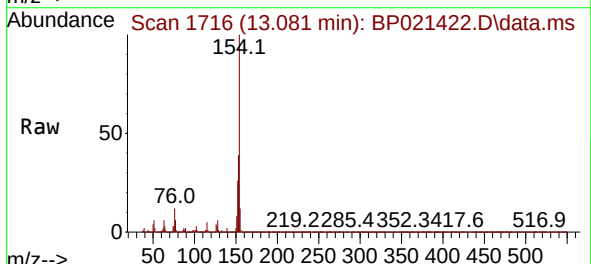
Tgt Ion:142 Resp: 428390
Ion Ratio Lower Upper
142 100
141 95.2 75.0 112.6
116 4.5 3.2 4.8

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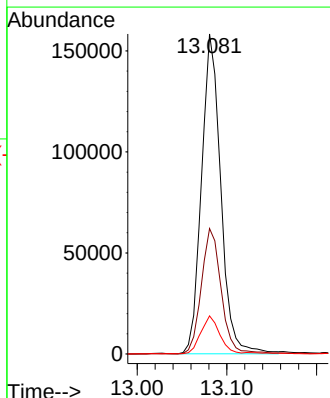
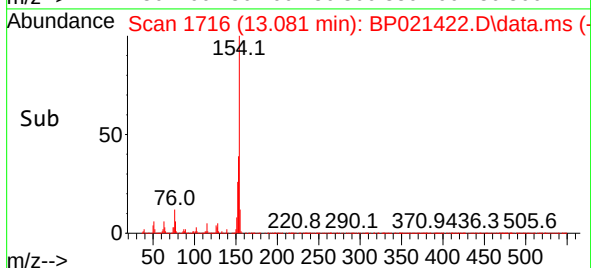
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024

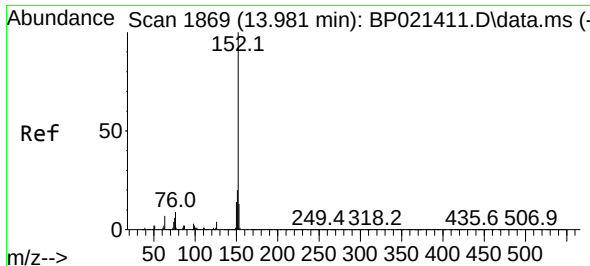


#43
1,1'-Biphenyl
Concen: 8.456 ng/ul
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP021422.D
Acq: 07 Aug 2024 16:23



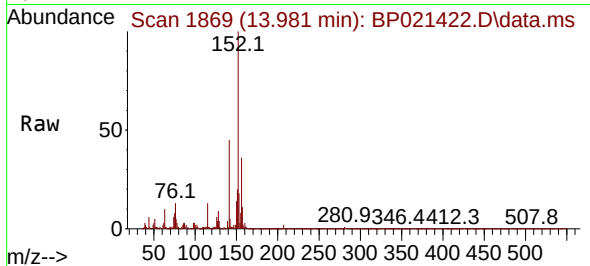
Tgt Ion:154 Resp: 236525
Ion Ratio Lower Upper
154 100
153 39.2 32.7 49.1
76 11.9 9.4 14.2





#50
Acenaphthylene
Concen: 1.518 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. -0.011 min
Lab File: BP021422.D
Acq: 07 Aug 2024 16:23

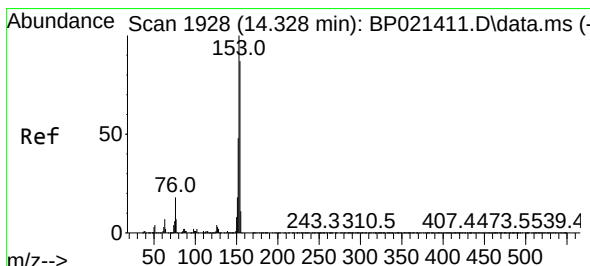
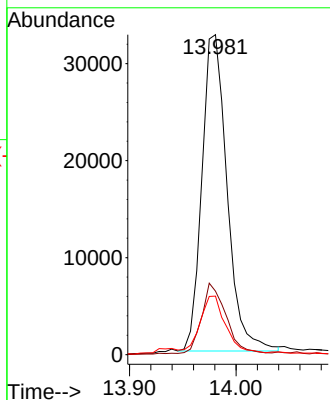
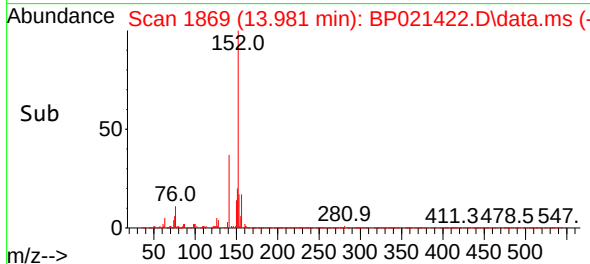
Instrument :
BNA_P
ClientSampleId :
F7E07DL2



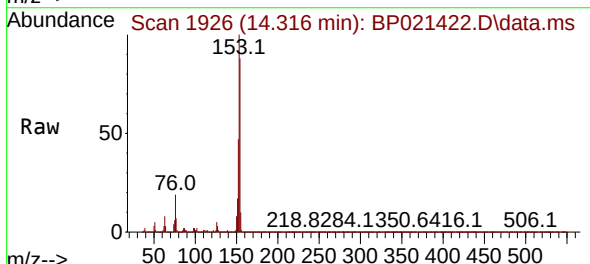
Tgt Ion:152 Resp: 53689
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 18.3 10.3 15.5

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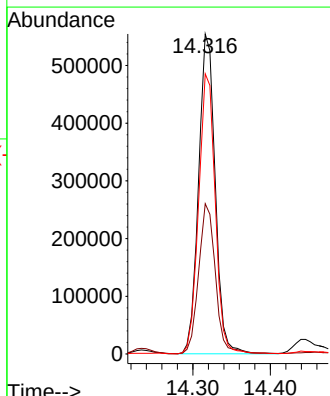
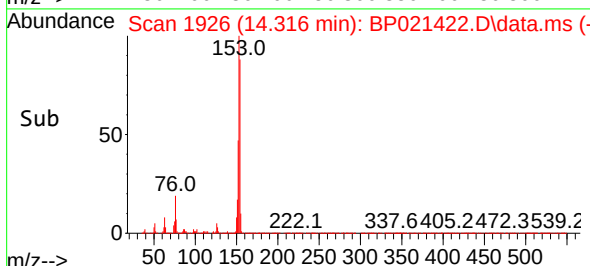
Reviewed By :Yogesh Patel 08/08/2024
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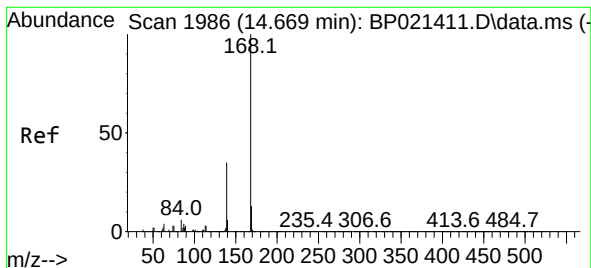


#52
Acenaphthene
Concen: 35.147 ng/ul
RT: 14.316 min Scan# 1926
Delta R.T. -0.023 min
Lab File: BP021422.D
Acq: 07 Aug 2024 16:23



Tgt Ion:153 Resp: 825148
Ion Ratio Lower Upper
153 100
152 46.9 37.8 56.6
154 87.5 71.8 107.6





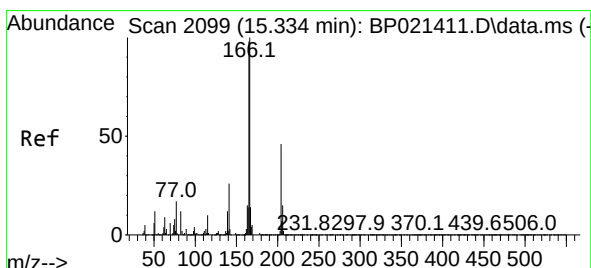
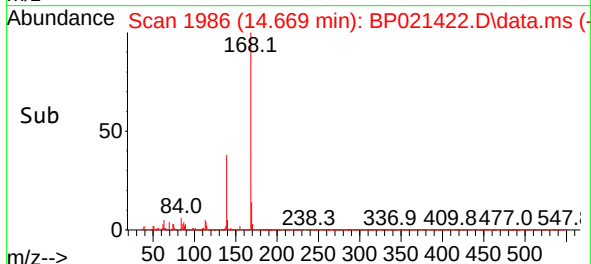
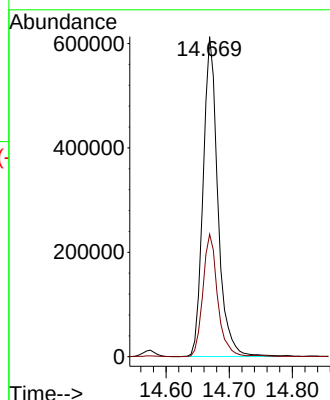
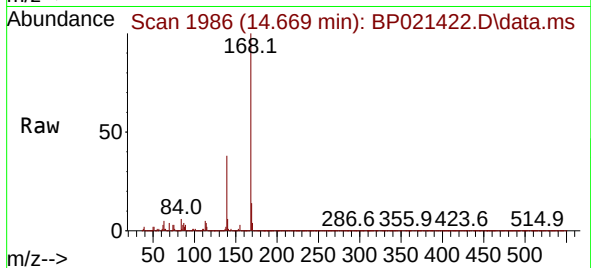
#56
Dibenzenofuran
Concen: 31.029 ng/ul
RT: 14.669 min Scan# 1986
Delta R.T. -0.017 min
Lab File: BP021422.D
Acq: 07 Aug 2024 16:23

Instrument :
BNA_P
ClientSampleId :
F7E07DL2

Tgt Ion:168 Resp: 997564
Ion Ratio Lower Upper
168 100
139 38.3 31.1 46.7

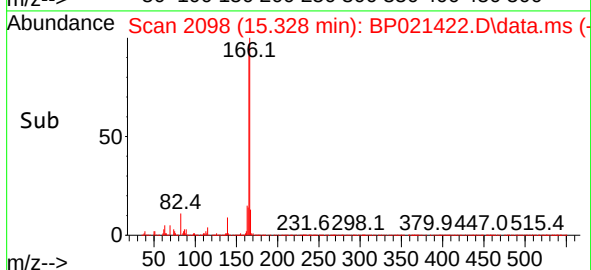
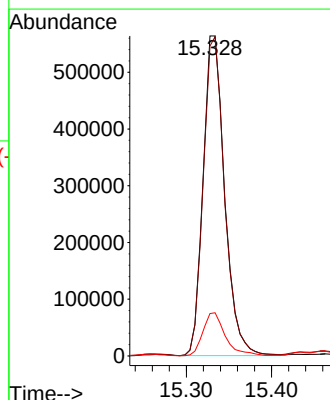
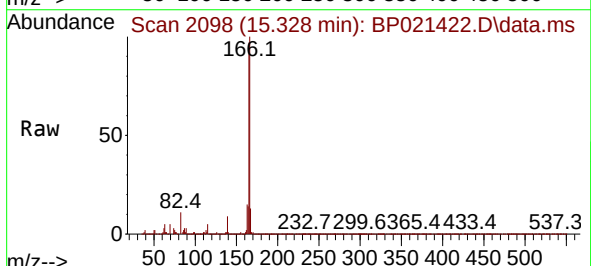
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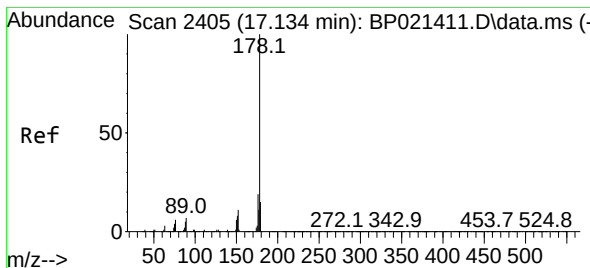
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#61
Fluorene
Concen: 37.828 ng/ul
RT: 15.328 min Scan# 2098
Delta R.T. -0.017 min
Lab File: BP021422.D
Acq: 07 Aug 2024 16:23

Tgt Ion:166 Resp: 992411
Ion Ratio Lower Upper
166 100
165 96.8 78.1 117.1
167 13.3 10.9 16.3





#72

Phenanthrene

Concen: 93.495 ng/u1

RT: 17.116 min Scan# 2419

Delta R.T. -0.017 min

Lab File: BP021422.D

Acq: 07 Aug 2024 16:23

Instrument :

BNA_P

ClientSampleId :

F7E07DL2

Tgt Ion:178 Resp: 4164184

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

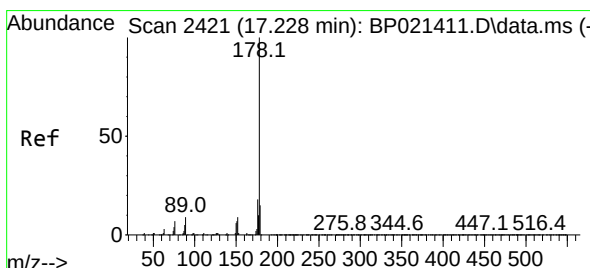
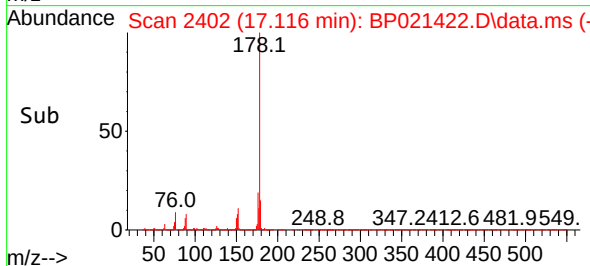
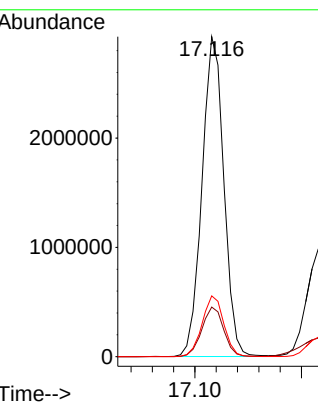
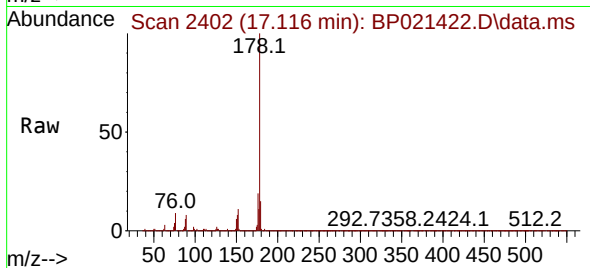
176 19.0 15.0 22.4

Manual Integrations

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Supervised By :mohammad ahmed 08/09/2024



#74

Anthracene

Concen: 31.709 ng/u1

RT: 17.216 min Scan# 2419

Delta R.T. -0.017 min

Lab File: BP021422.D

Acq: 07 Aug 2024 16:23

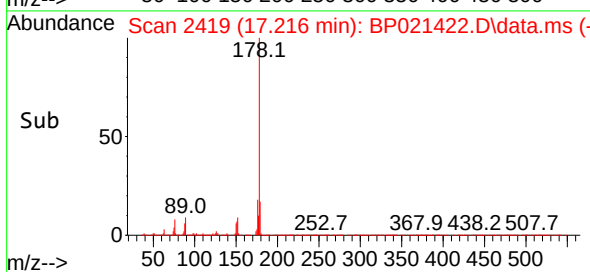
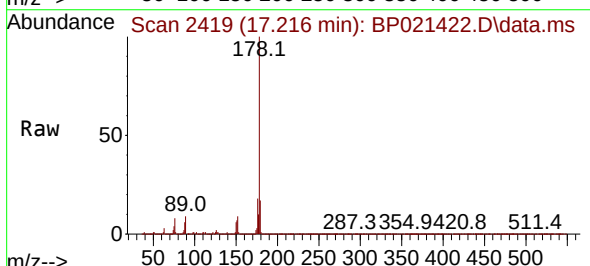
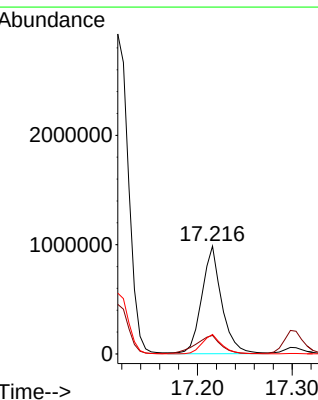
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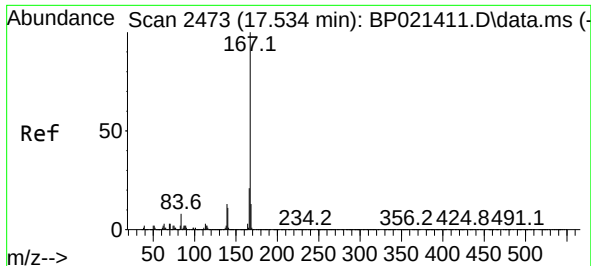
Ion Ratio Lower Upper

178 100

179 17.1 12.5 18.7

176 18.1 14.8 22.2





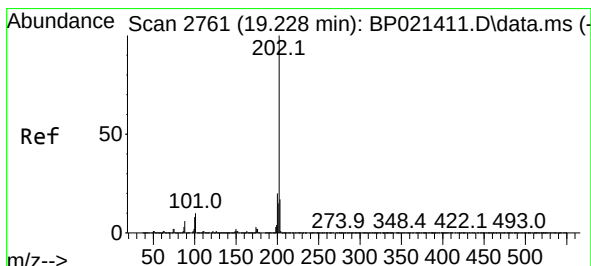
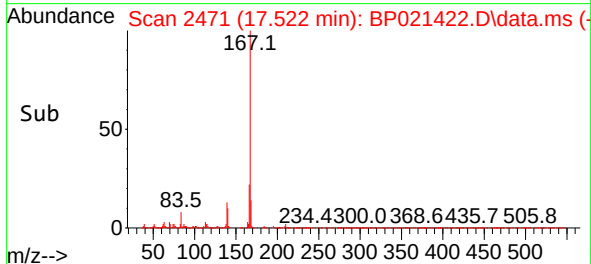
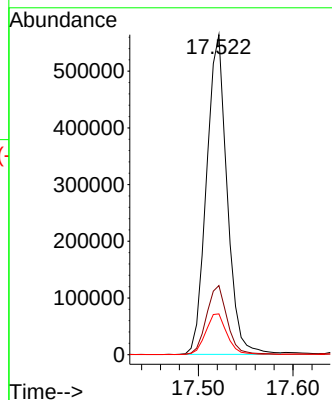
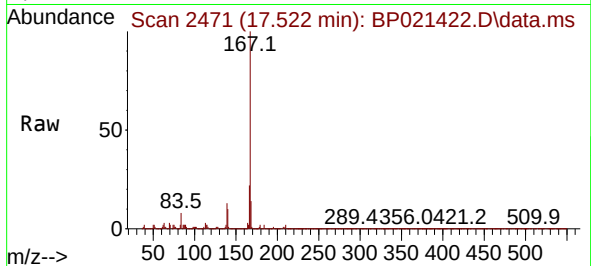
#77
 Carbazole
 Concen: 22.861 ng/ul
 RT: 17.522 min Scan# 2471
 Delta R.T. 0.000 min
 Lab File: BP021422.D
 Acq: 07 Aug 2024 16:23

Instrument :
 BNA_P
 ClientSampleId :
 F7E07DL2

Tgt Ion:167 Resp: 848562
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.7 10.2 15.2

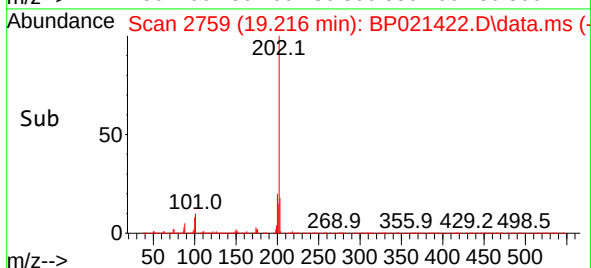
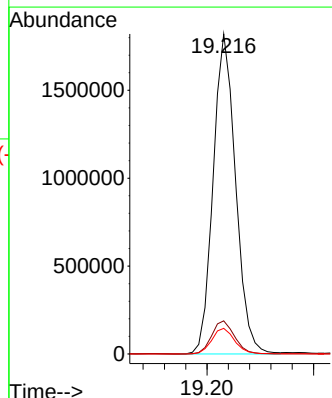
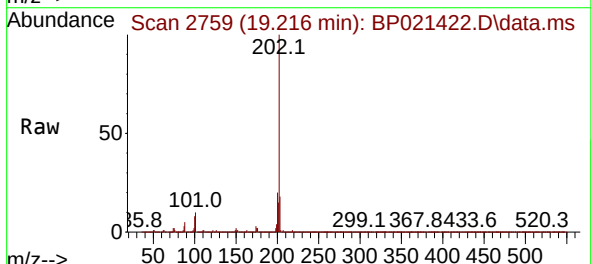
Manual Integrations
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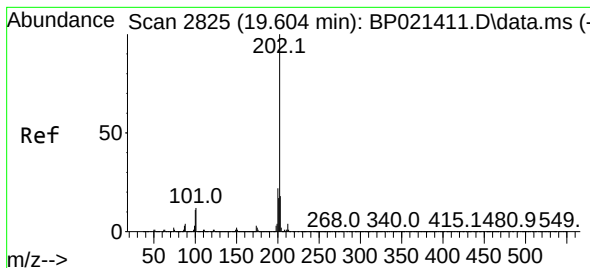
Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024



#80
 Fluoranthene
 Concen: 38.234 ng/ul
 RT: 19.216 min Scan# 2759
 Delta R.T. -0.017 min
 Lab File: BP021422.D
 Acq: 07 Aug 2024 16:23

Tgt Ion:202 Resp: 2660033
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.0 12.0
 100 8.0 6.1 9.1





#82

Pyrene

Concen: 26.278 ng/ul

RT: 19.592 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP021422.D

Acq: 07 Aug 2024 16:23

Instrument :

BNA_P

ClientSampleId :

F7E07DL2

Tgt Ion:202 Resp: 186037

Ion Ratio Lower Upper

202 100

101 12.4 9.4 14.2

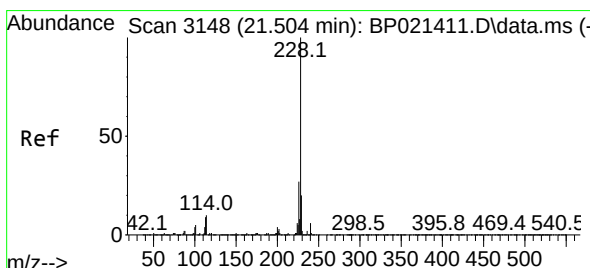
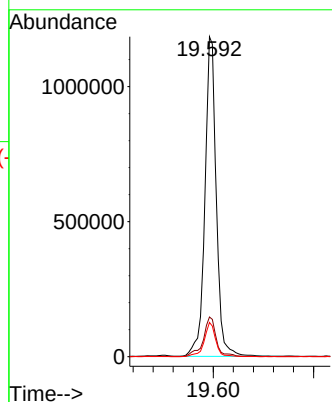
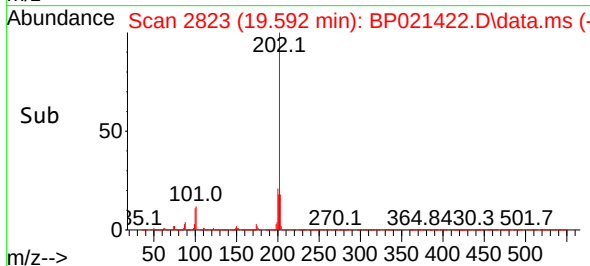
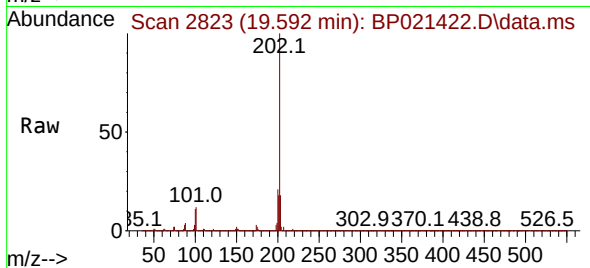
100 10.7 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#85

Benzo(a)anthracene

Concen: 9.447 ng/ul m

RT: 21.504 min Scan# 3148

Delta R.T. -0.006 min

Lab File: BP021422.D

Acq: 07 Aug 2024 16:23

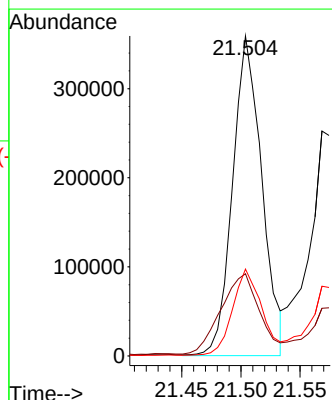
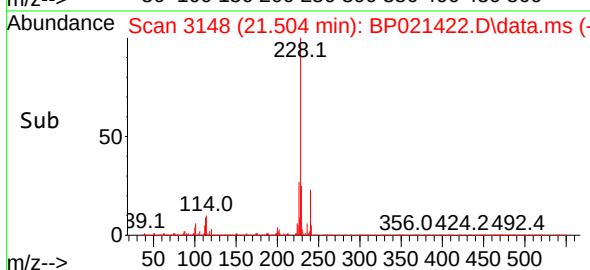
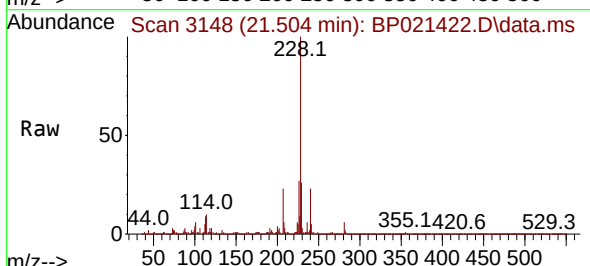
Tgt Ion:228 Resp: 616672

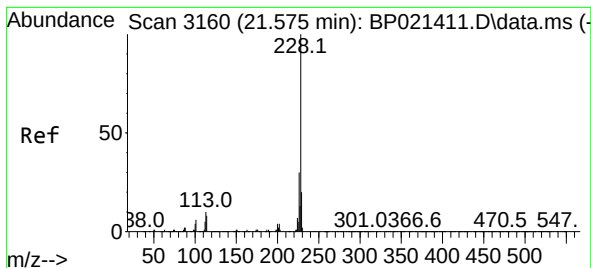
Ion Ratio Lower Upper

228 100

229 25.7 15.5 23.3#

226 27.2 21.4 32.2





#87

Chrysene

Concen: 8.173 ng/ul

RT: 21.569 min Scan# 3160

Delta R.T. -0.017 min

Lab File: BP021422.D

Acq: 07 Aug 2024 16:23

Instrument :

BNA_P

ClientSampleId :

F7E07DL2

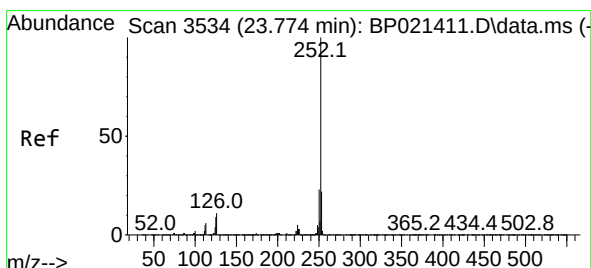
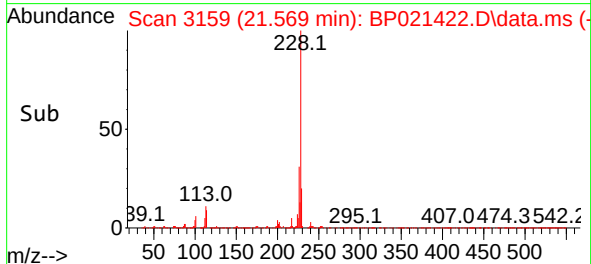
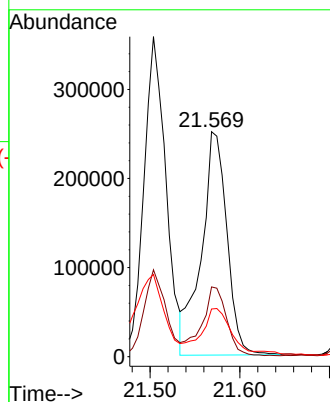
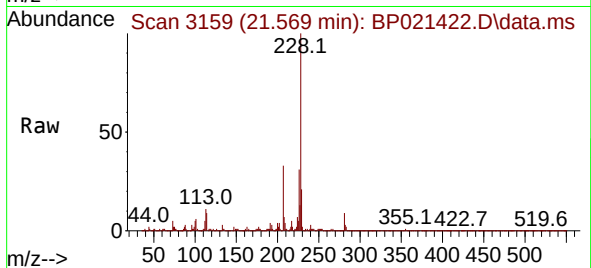
Tgt Ion:	228	Resp:	495730
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.6	35.4
229	21.2	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :mohammad ahmed 08/09/2024



#90

Benzo(b)fluoranthene

Concen: 4.969 ng/ul

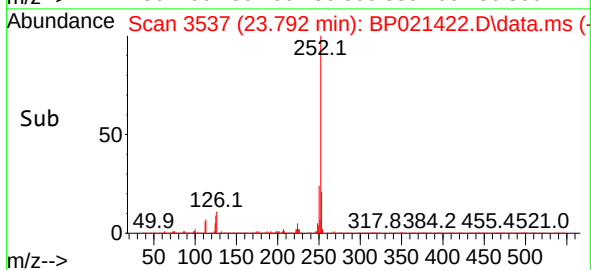
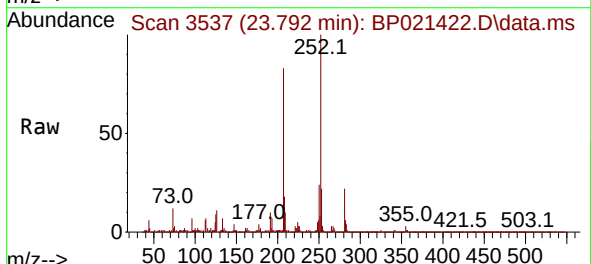
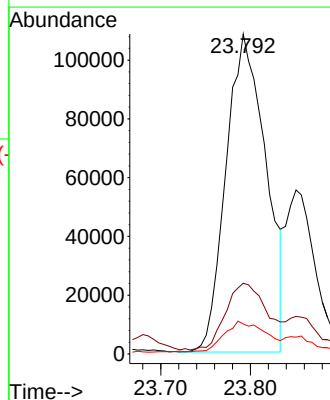
RT: 23.792 min Scan# 3537

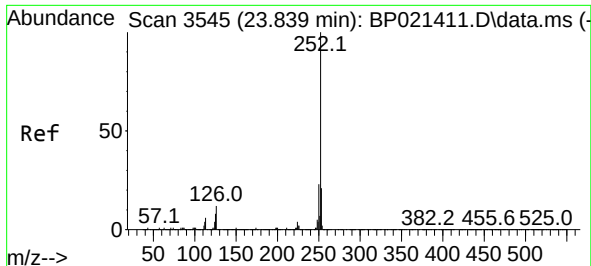
Delta R.T. 0.006 min

Lab File: BP021422.D

Acq: 07 Aug 2024 16:23

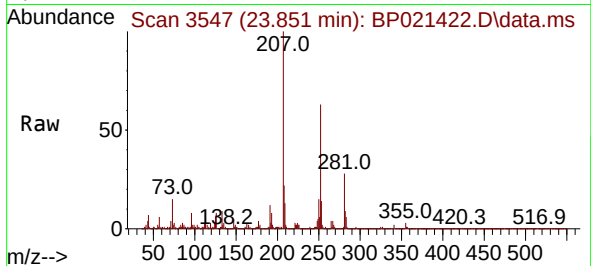
Tgt Ion:	252	Resp:	334594
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	9.4	7.0	10.4





#91
Benzo(k)fluoranthene
Concen: 1.862 ng/u1
RT: 23.851 min Scan# 3545
Delta R.T. 0.000 min
Lab File: BP021422.D
Acq: 07 Aug 2024 16:23

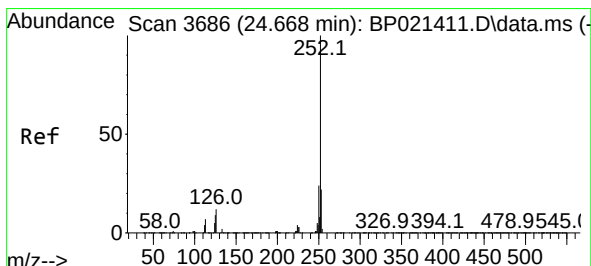
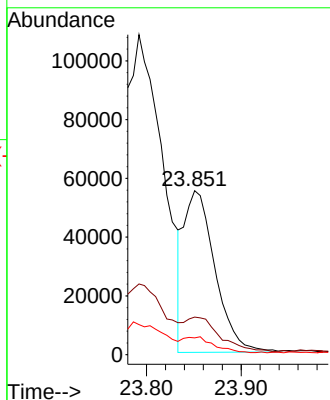
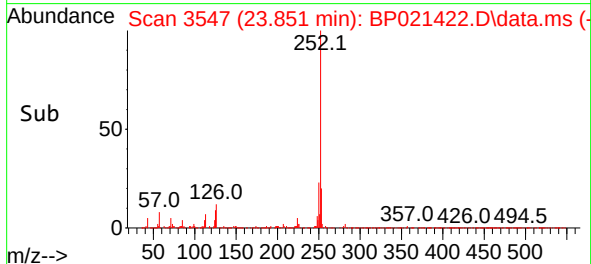
Instrument :
BNA_P
ClientSampleId :
F7E07DL2



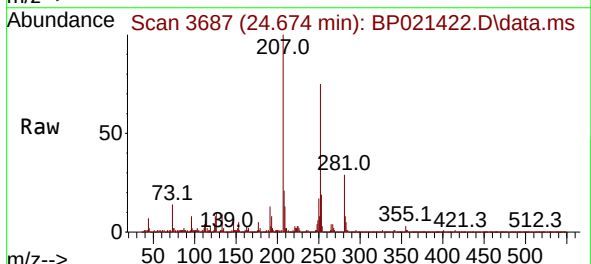
Tgt Ion:252 Resp: 12512
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 10.2 7.4 11.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/09/2024



#93
Benzo(a)pyrene
Concen: 3.122 ng/u1
RT: 24.674 min Scan# 3687
Delta R.T. -0.006 min
Lab File: BP021422.D
Acq: 07 Aug 2024 16:23



Tgt Ion:252 Resp: 198661
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.0
125 10.8 7.7 11.5

