

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021036.D
 Acq On : 18 Jul 2024 05:03
 Operator : MA/JU
 Sample : P3215-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4C12

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jul 18 05:39:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	202668	20.000	ng/u1	0.00
20) Naphthalene-d8	10.452	136	881392	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	593822	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	1241378	20.000	ng/u1	0.01
79) Chrysene-d12	21.569	240	1081358	20.000	ng/u1	0.02
88) Perylene-d12	24.886	264	1320826	20.000	ng/u1	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	13302	2.987	ng/uL	0.00
4) Pyridine-d5	3.681	84	12824m	0.995	ng/u1	0.03
7) Phenol-d5	6.899	99	355487	21.515	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	208185	20.791	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	300350	22.063	ng/u1	0.00
15) 4-Methylphenol-d8	8.411	113	249817	18.204	ng/u1	0.02
21) Nitrobenzene-d5	8.840	128	150463	21.979	ng/u1	0.01
24) 2-Nitrophenol-d4	9.552	143	174252	22.239	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	301532	21.282	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	112123m	5.974	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	962265	22.291	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	1082369	22.330	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	110748	18.032	ng/u1	0.03
60) Fluorene-d10	15.334	176	835748	23.599	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.481	200	88103	11.730	ng/u1	0.02
73) Anthracene-d10	17.234	188	1248245	22.639	ng/u1	0.01
81) Pyrene-d10	19.610	212	1016906	15.211	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.657	264	673819	10.344	ng/u1	0.05
Target Compounds						
					Qvalue	
30) Naphthalene	10.505	128	106753	2.303	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	52128	1.638	ng/u1	99
37) 1-Methylnaphthalene	12.334	142	47795	1.460	ng/u1#	98
50) Acenaphthylene	14.034	152	126570	2.306	ng/u1	97
52) Acenaphthene	14.381	153	184182	5.056	ng/u1	100
56) Dibenzofuran	14.722	168	145499	2.917	ng/u1	98
61) Fluorene	15.387	166	212150	5.212	ng/u1	97
72) Phenanthrene	17.181	178	3325335	51.637	ng/u1	99
74) Anthracene	17.269	178	739243	11.260	ng/u1	99
77) Carbazole	17.557	167	225728	4.206	ng/u1	98
78) Di-n-butylphthalate	18.128	149	217912	2.943	ng/u1	98
80) Fluoranthene	19.263	202	4432659	54.903	ng/u1	100
82) Pyrene	19.645	202	2697976	32.839	ng/u1	98
85) Benzo(a)anthracene	21.551	228	2152570	28.417	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.463	149	205399	4.170	ng/u1#	99
87) Chrysene	21.616	228	2077709	29.518	ng/u1	97
90) Benzo(b)fluoranthene	23.845	252	2601142	32.452	ng/u1	97
91) Benzo(k)fluoranthene	23.904	252	862198	10.779	ng/u1	96
93) Benzo(a)pyrene	24.721	252	720229	9.509	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.633	276	716044m	7.336	ng/u1	
95) Dibenzo(a,h)anthracene	28.686	278	336136	4.159	ng/u1#	88
96) Benzo(g,h,i)perylene	29.815	276	88780m	1.117	ng/u1	

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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ahmed

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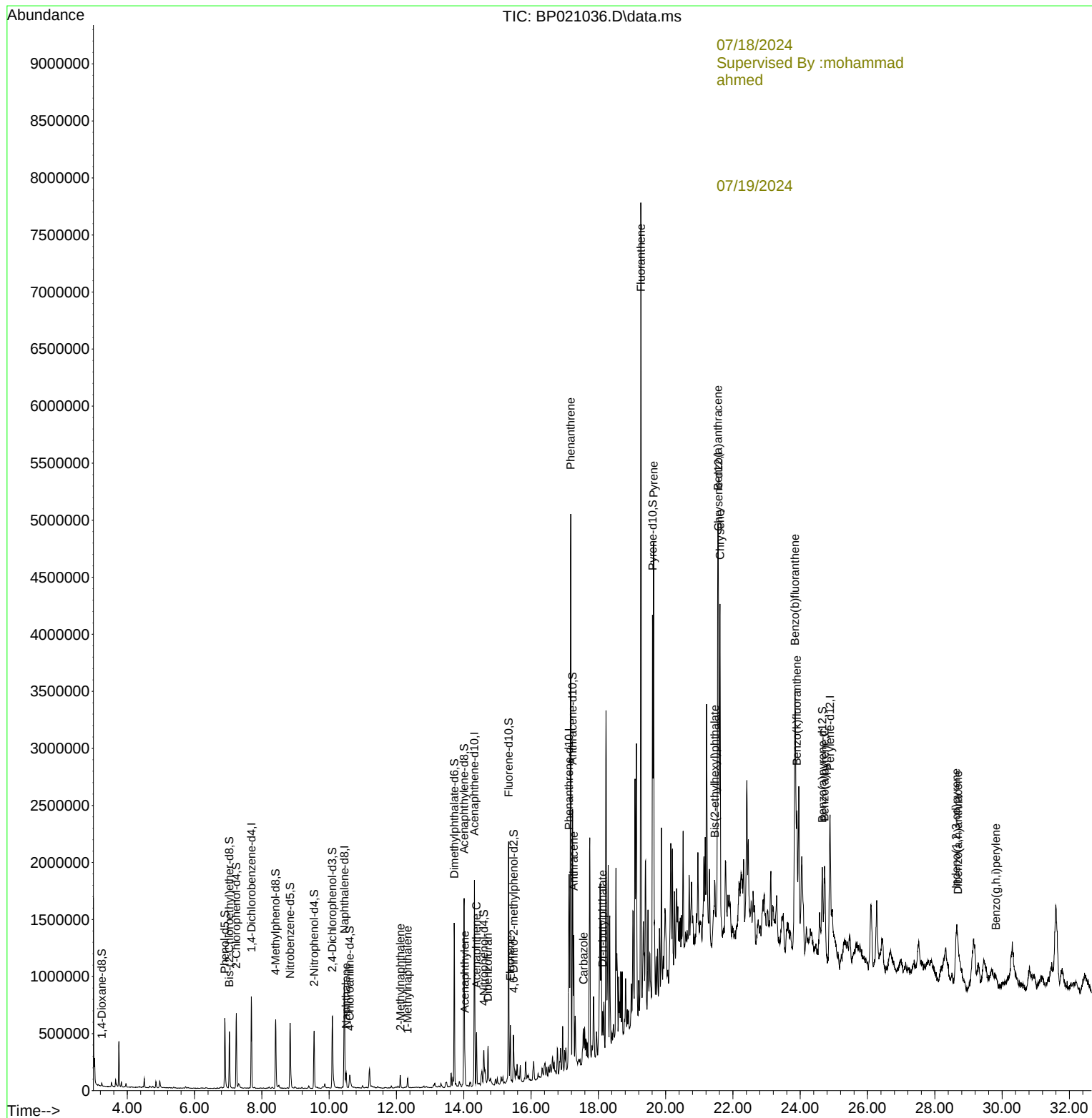
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
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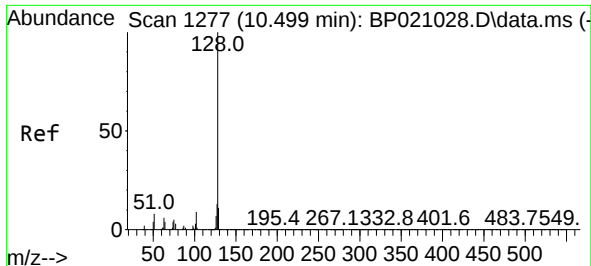
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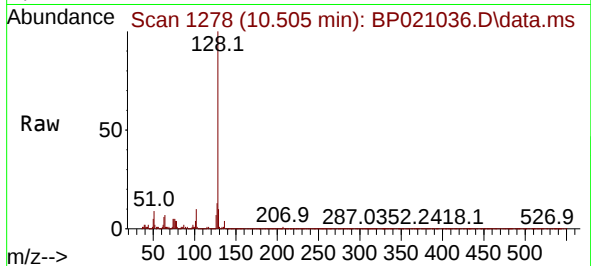
Quant Time: Jul 18 05:39:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 2.303 ng/ul
RT: 10.505 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BP021036.D
Acq: 18 Jul 2024 05:03

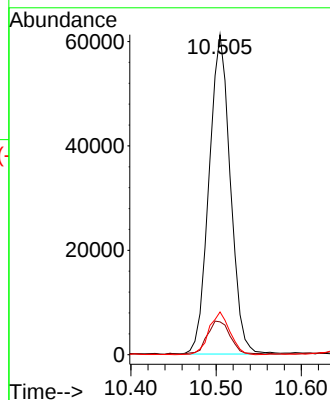
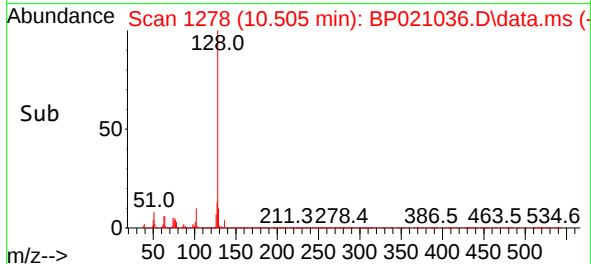
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:128 Resp: 10675
Ion Ratio Lower Upper
128 100
129 10.3 8.6 13.0
127 13.4 10.8 16.2

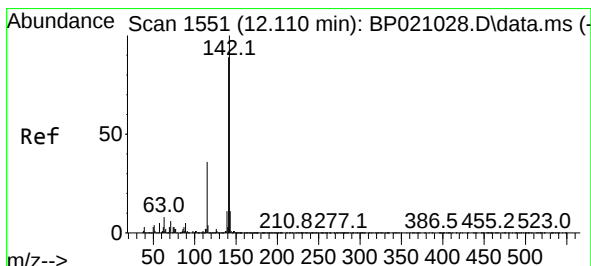
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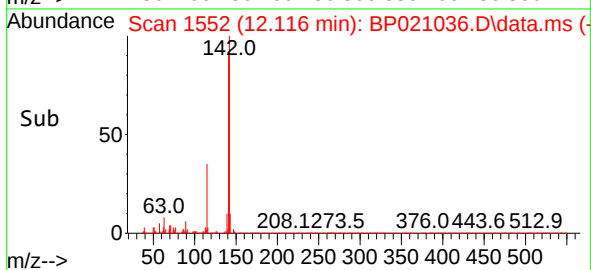
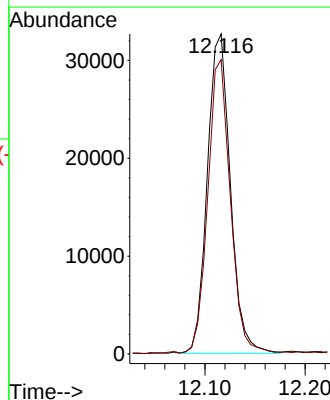
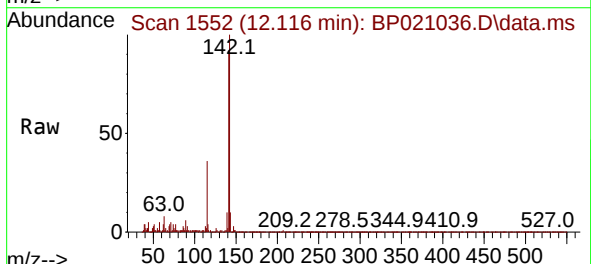
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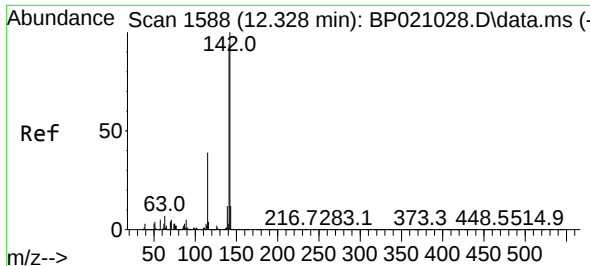
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#36
2-Methylnaphthalene
Concen: 1.638 ng/ul
RT: 12.116 min Scan# 1552
Delta R.T. 0.012 min
Lab File: BP021036.D
Acq: 18 Jul 2024 05:03

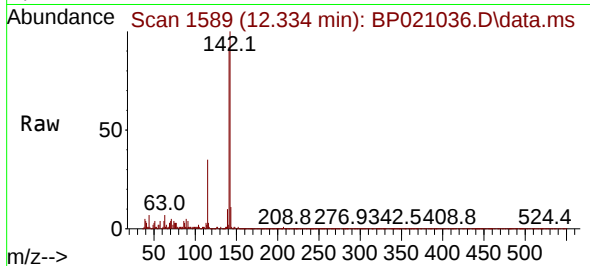
Tgt Ion:142 Resp: 52128
Ion Ratio Lower Upper
142 100
141 91.9 72.6 108.8





#37
1-Methylnaphthalene
Concen: 1.460 ng/ul
RT: 12.334 min Scan# 1589
Delta R.T. 0.012 min
Lab File: BP021036.D
Acq: 18 Jul 2024 05:03

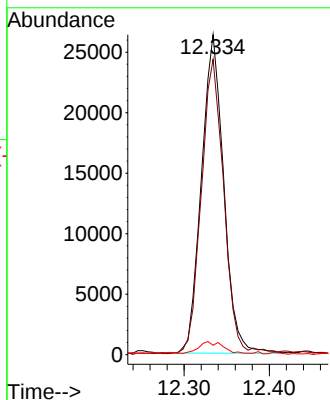
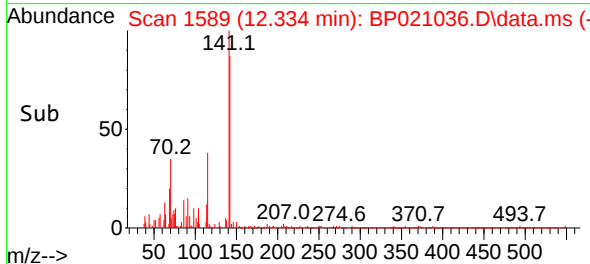
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:142 Resp: 47795
Ion Ratio Lower Upper
142 100
141 92.3 75.0 112.6
116 3.0 3.2 4.8

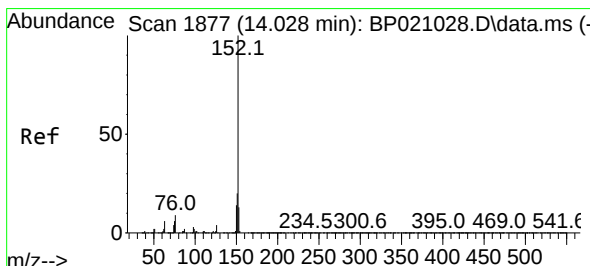
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Patel

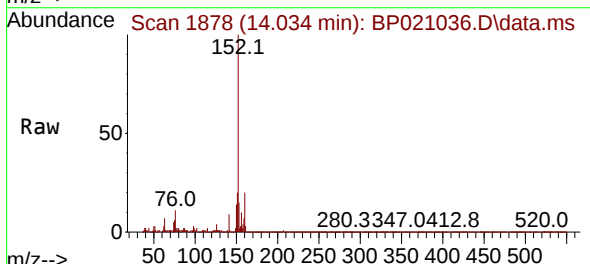


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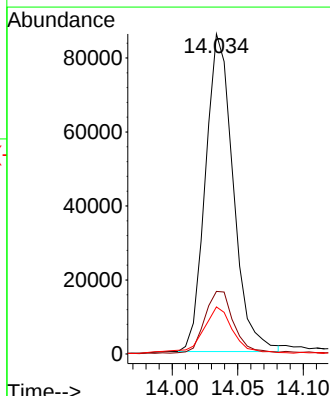
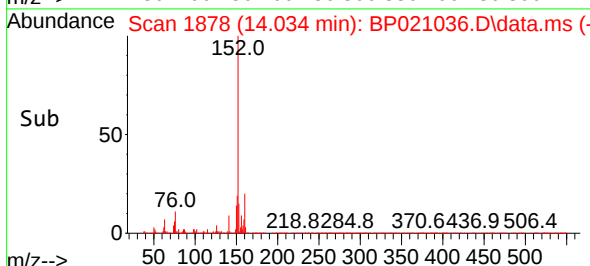
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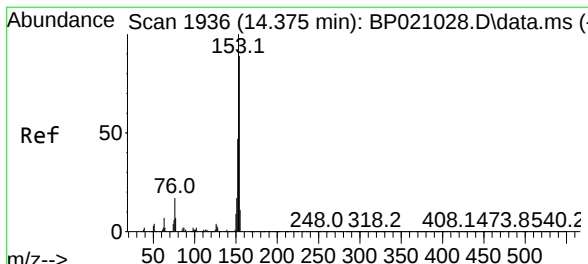


#50
Acenaphthylene
Concen: 2.306 ng/ul
RT: 14.034 min Scan# 1878
Delta R.T. 0.006 min
Lab File: BP021036.D
Acq: 18 Jul 2024 05:03



Tgt Ion:152 Resp: 126570
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 14.7 10.3 15.5



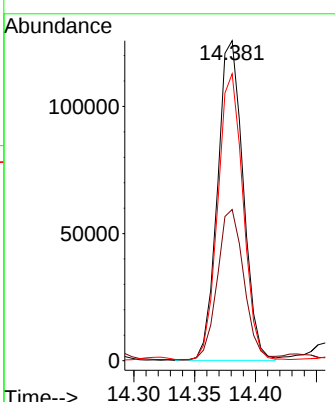
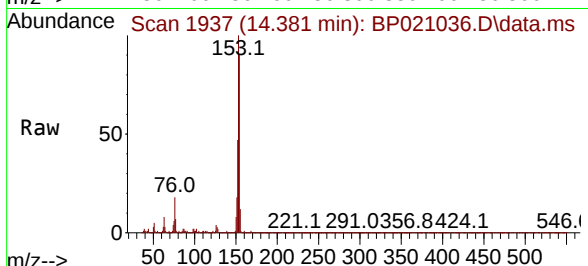


#52
 Acenaphthene
 Concen: 5.056 ng/ul
 RT: 14.381 min Scan# 1937
 Delta R.T. 0.012 min
 Lab File: BP021036.D
 Acq: 18 Jul 2024 05:03

Instrument : BNA_P
 Client Sample Id : A4C12

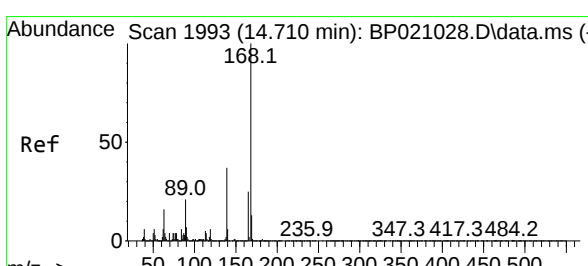
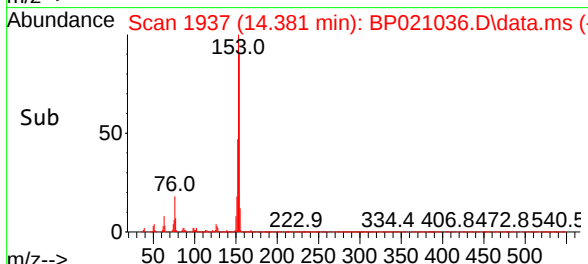
Tgt Ion:	153	Resp:	18418
Ion Ratio	Lower	Upper	
153	100		
152	47.2	37.8	56.6
154	89.7	71.8	107.6

Manual Integrations
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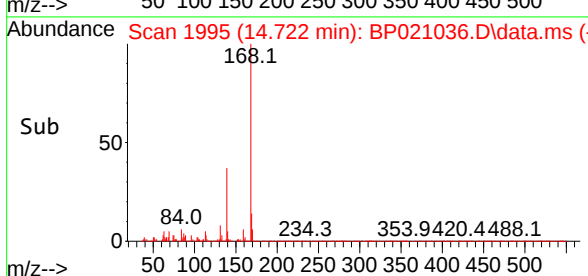
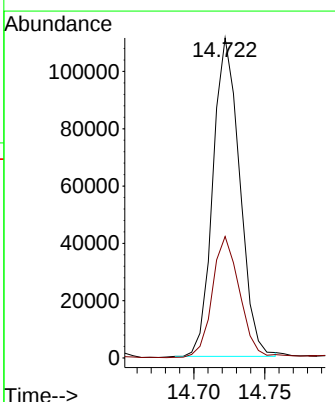
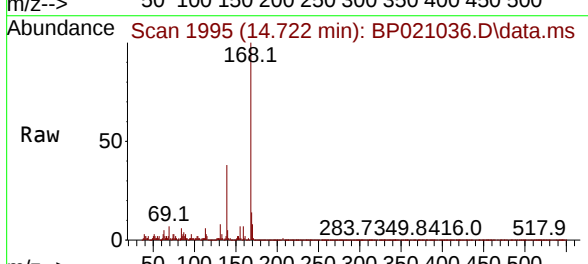
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 Supervised By :mohammad ahmed

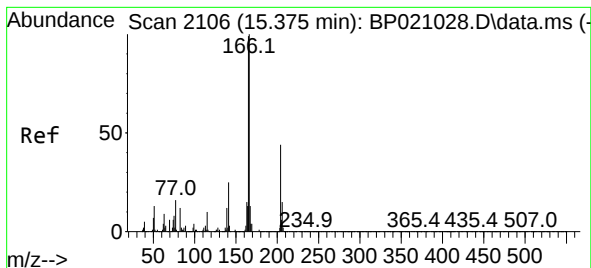
07/19/2024



#56
 Dibenzofuran
 Concen: 2.917 ng/ul
 RT: 14.722 min Scan# 1995
 Delta R.T. 0.012 min
 Lab File: BP021036.D
 Acq: 18 Jul 2024 05:03

Tgt Ion:	168	Resp:	145499
Ion Ratio	Lower	Upper	
168	100		
139	37.9	31.1	46.7





#61

Fluorene

Concen: 5.212 ng/ul

RT: 15.387 min Scan# 2108

Delta R.T. 0.012 min

Lab File: BP021036.D

Acq: 18 Jul 2024 05:03

Instrument :

BNA_P

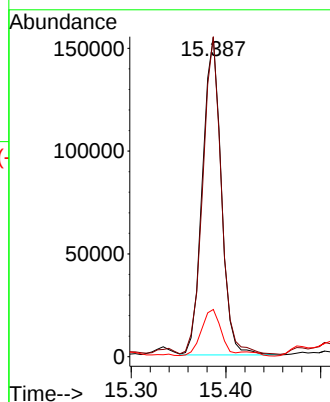
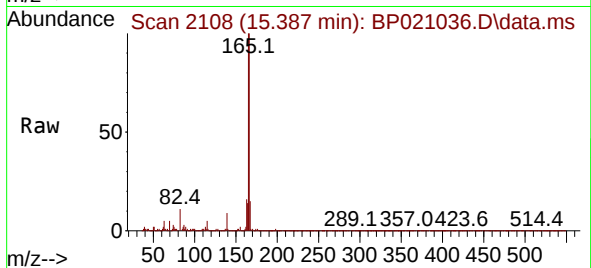
ClientSampleId :

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Tgt Ion:166	Resp: 212150
Ion Ratio	Lower Upper
166 100	
165 100.2	78.1 117.1
167 14.8	10.9 16.3

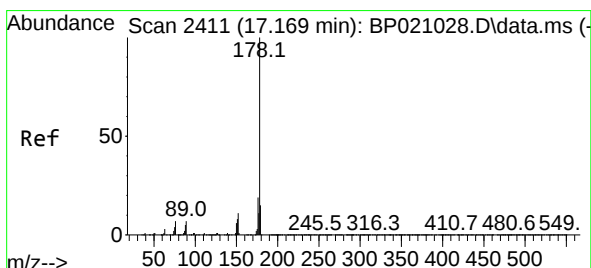
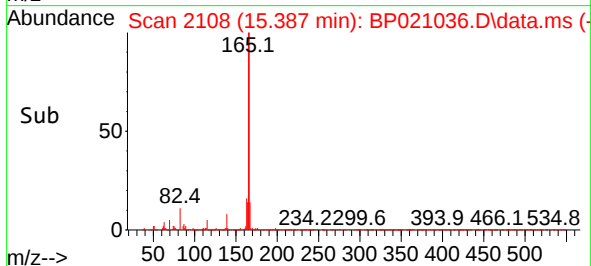
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ahmed

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#72

Phenanthrene

Concen: 51.637 ng/ul

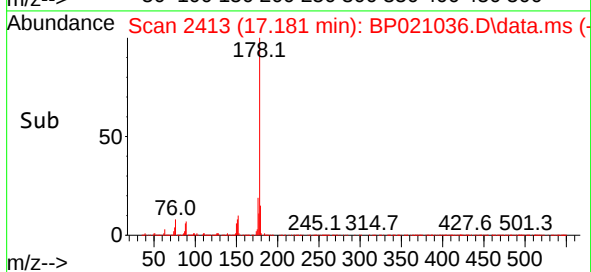
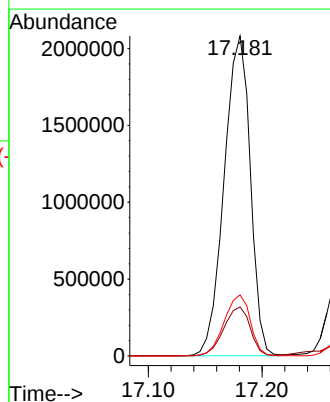
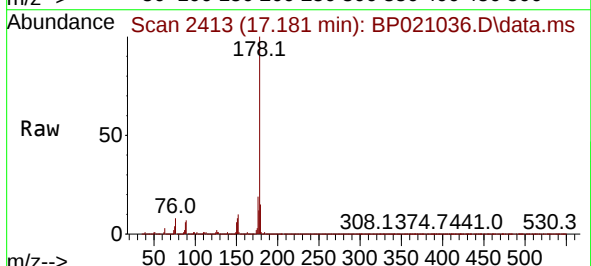
RT: 17.181 min Scan# 2413

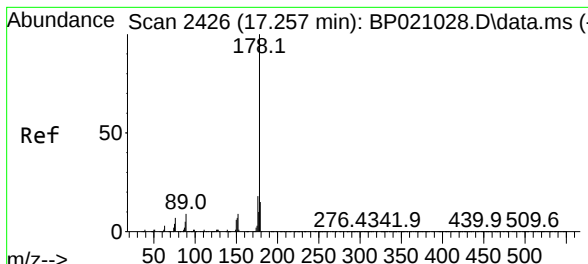
Delta R.T. 0.018 min

Lab File: BP021036.D

Acq: 18 Jul 2024 05:03

Tgt Ion:178	Resp: 3325335		
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	19.1	15.0	22.4





#74
 Anthracene
 Concen: 11.260 ng/ul
 RT: 17.269 min Scan# 2426
 Delta R.T. 0.012 min
 Lab File: BP021036.D
 Acq: 18 Jul 2024 05:03

Instrument :

BNA_P

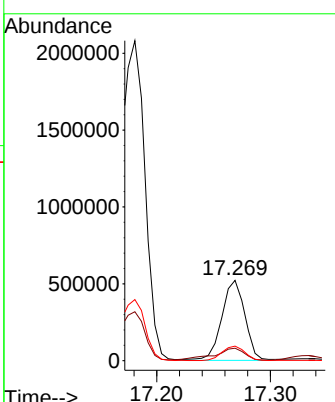
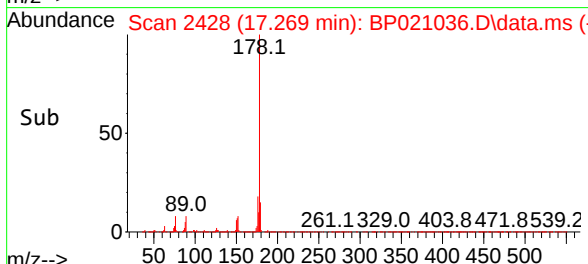
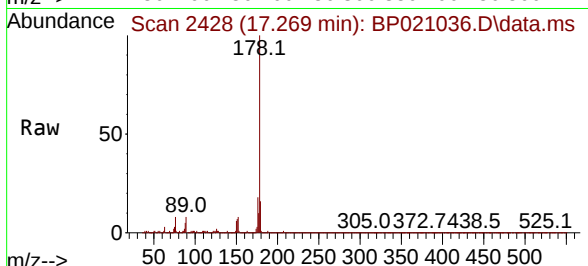
ClientSampleId :

A4C12

Tgt Ion:	178	Resp:	73924
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.5	18.7
176	18.1	14.8	22.2

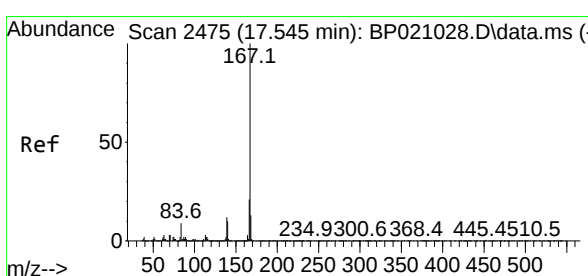
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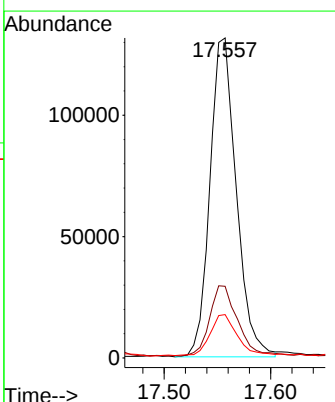
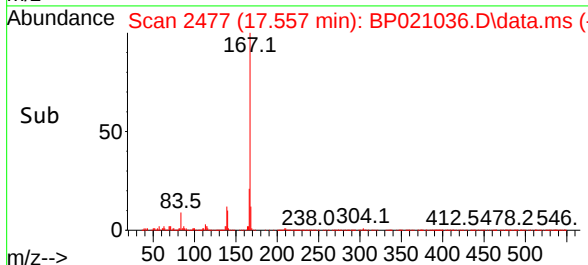
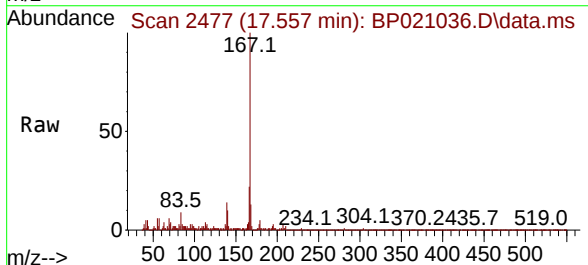
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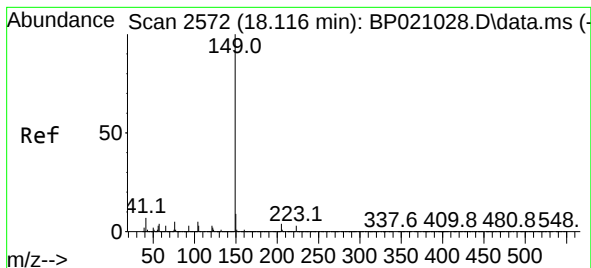
07/19/2024



#77
 Carbazole
 Concen: 4.206 ng/ul
 RT: 17.557 min Scan# 2477
 Delta R.T. 0.018 min
 Lab File: BP021036.D
 Acq: 18 Jul 2024 05:03

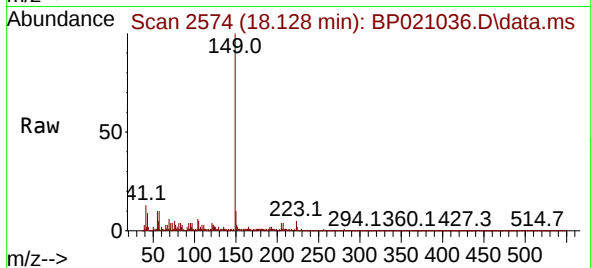
Tgt Ion:	167	Resp:	225728
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.3	25.9
139	13.5	10.2	15.2





#78
Di-n-butylphthalate
Concen: 2.943 ng/ul
RT: 18.128 min Scan# 21791
Delta R.T. 0.012 min
Lab File: BP021036.D
Acq: 18 Jul 2024 05:03

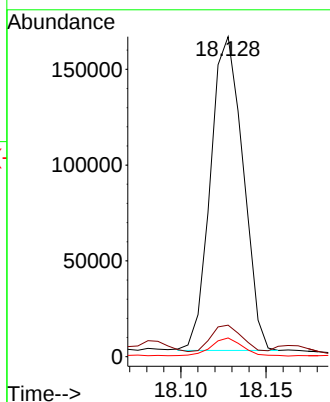
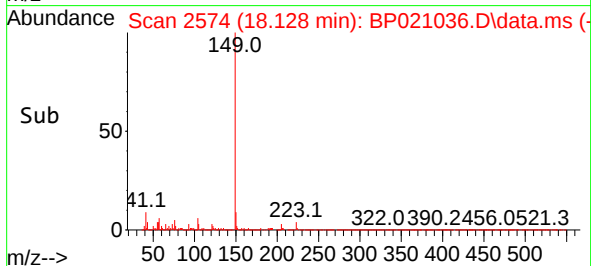
Instrument :
BNA_P
ClientSampleId :
A4C12



Tgt Ion:149 Resp: 21791
Ion Ratio Lower Upper
149 100
150 9.9 7.4 11.0
104 5.9 3.9 5.9

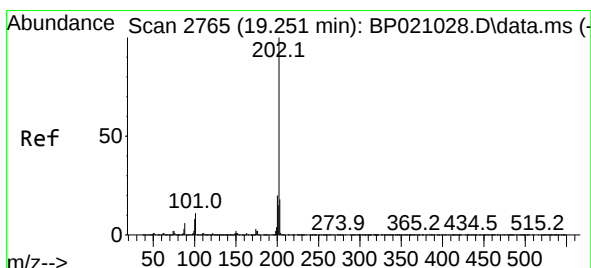
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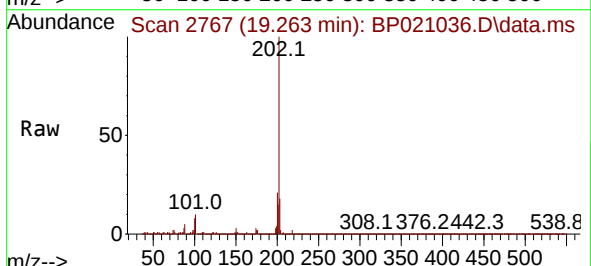


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Supervised By :mohammad
ahmed

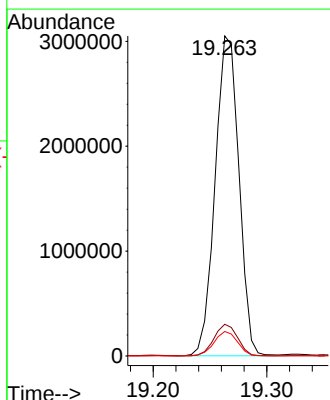
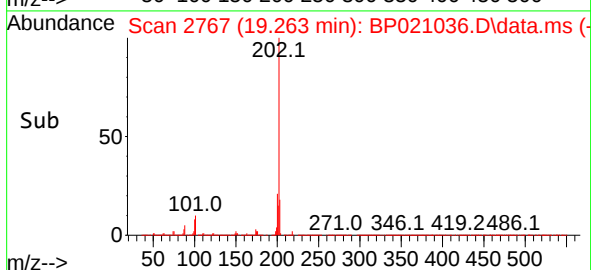
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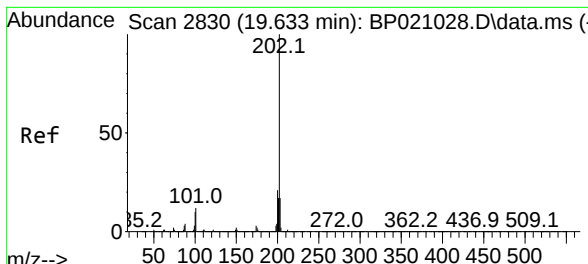


#80
Fluoranthene
Concen: 54.903 ng/ul
RT: 19.263 min Scan# 2767
Delta R.T. 0.012 min
Lab File: BP021036.D
Acq: 18 Jul 2024 05:03



Tgt Ion:202 Resp: 4432659
Ion Ratio Lower Upper
202 100
101 9.9 8.0 12.0
100 7.6 6.1 9.1





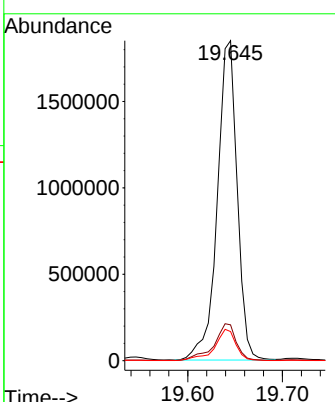
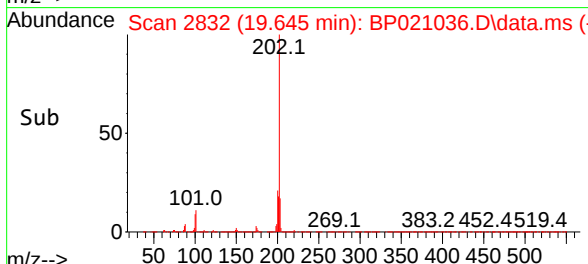
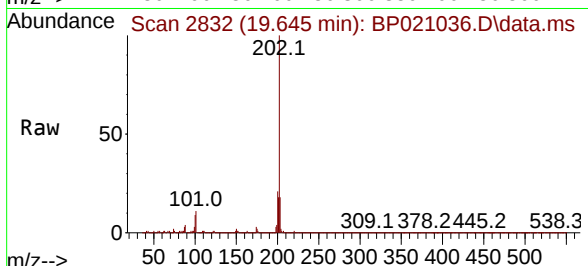
#82
 Pyrene
 Concen: 32.839 ng/ul
 RT: 19.645 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BP021036.D
 Acq: 18 Jul 2024 05:03

Instrument : BNA_P
 Client Sample Id : A4C12

Tgt Ion: 202 Resp: 2697970

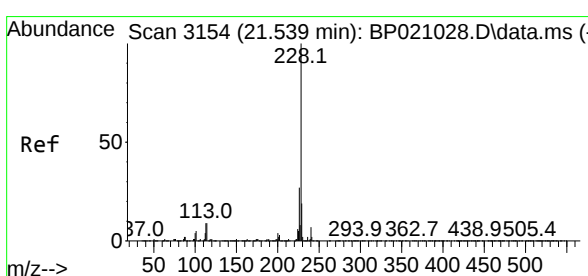
Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.4	14.2
100	9.1	7.8	11.6

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 Supervised By : mohammad ahmed

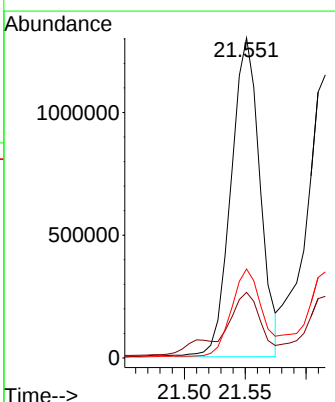
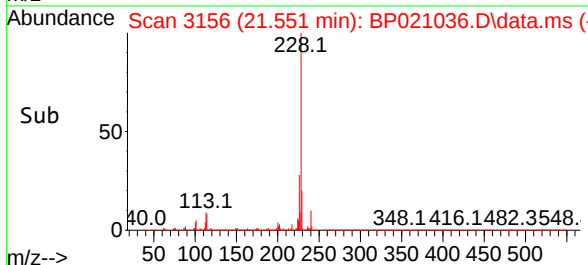
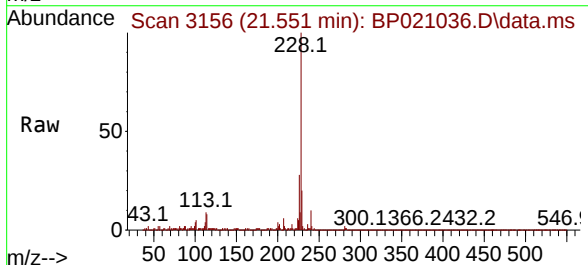
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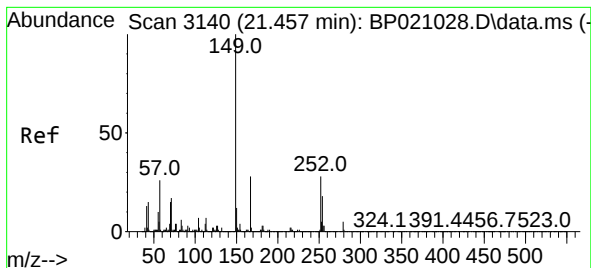


#85
 Benzo(a)anthracene
 Concen: 28.417 ng/ul
 RT: 21.551 min Scan# 3156
 Delta R.T. 0.018 min
 Lab File: BP021036.D
 Acq: 18 Jul 2024 05:03

Tgt Ion: 228 Resp: 2152570

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.5	23.3
226	27.8	21.4	32.2





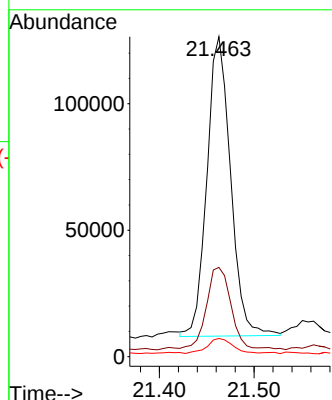
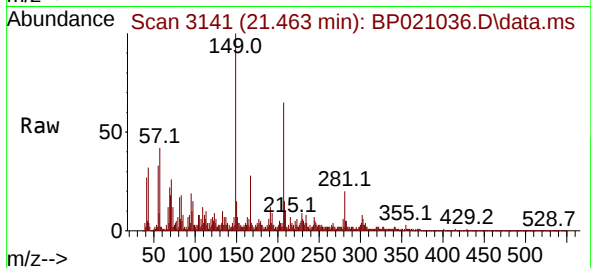
#86
Bis(2-ethylhexyl)phthalate
Concen: 4.170 ng/ul
RT: 21.463 min Scan# 3140
Delta R.T. 0.018 min
Lab File: BP021036.D
Acq: 18 Jul 2024 05:03

Instrument :
BNA_P
ClientSampleId :
A4C12

Tgt Ion:149 Resp: 205399
Ion Ratio Lower Upper
149 100
167 27.9 22.1 33.1
279 5.7 3.7 5.5

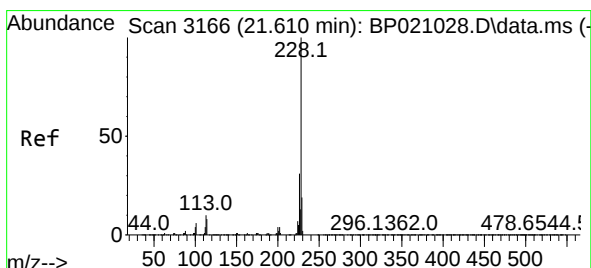
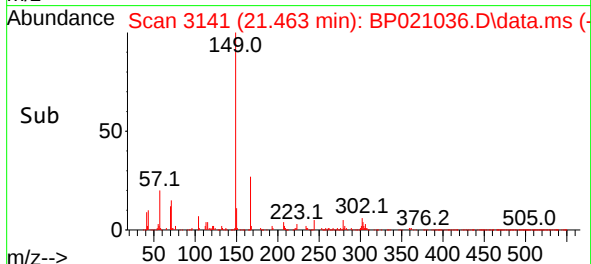
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Reviewed By :Yogesh
Patel



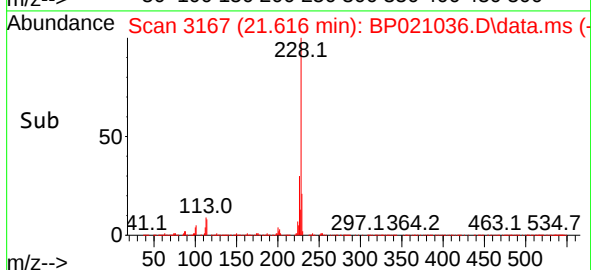
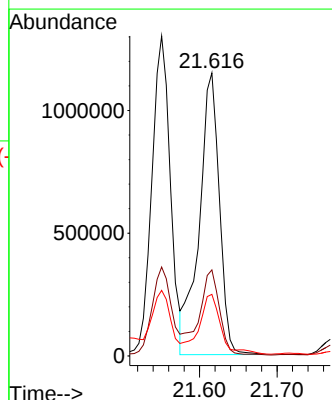
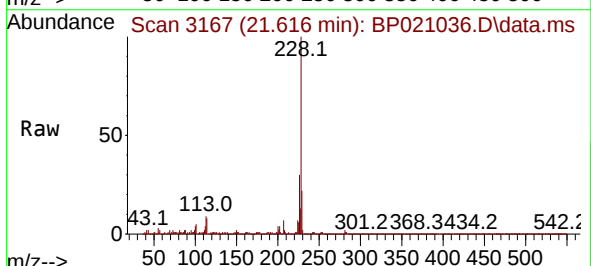
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Supervised By :mohammad
ahmed

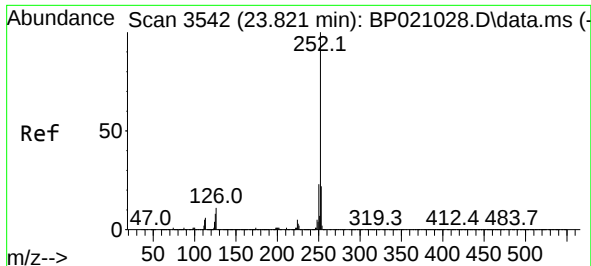
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#87
Chrysene
Concen: 29.518 ng/ul
RT: 21.616 min Scan# 3167
Delta R.T. 0.018 min
Lab File: BP021036.D
Acq: 18 Jul 2024 05:03

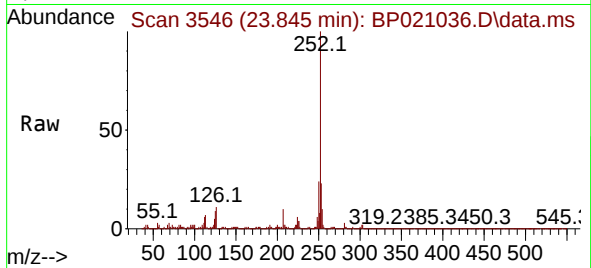
Tgt Ion:228 Resp: 2077709
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 21.8 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 32.452 ng/u1
RT: 23.845 min Scan# 3114
Delta R.T. 0.065 min
Lab File: BP021036.D
Acq: 18 Jul 2024 05:03

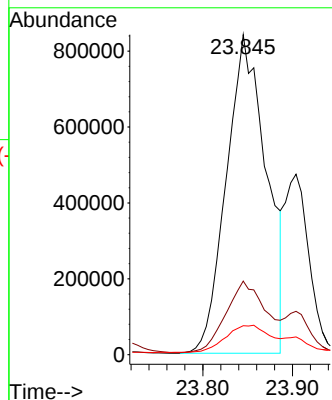
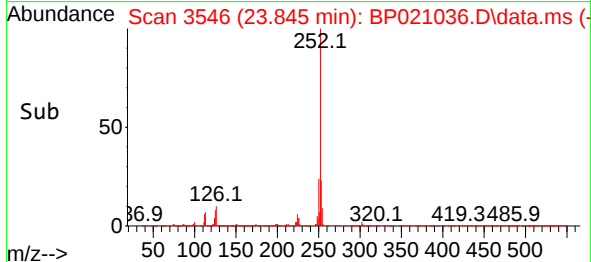
Instrument :
BNA_P
ClientSampleId :
A4C12



Tgt Ion:252 Resp: 260114
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 9.0 7.0 10.4

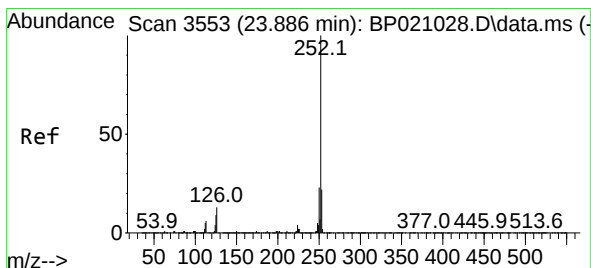
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Reviewed By :Yogesh
Patel



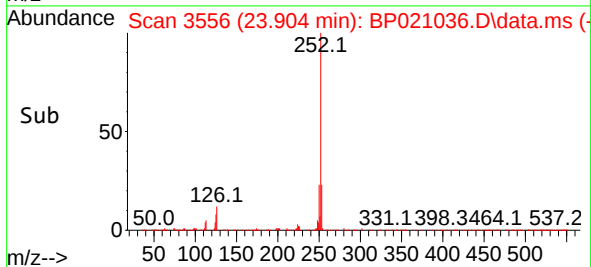
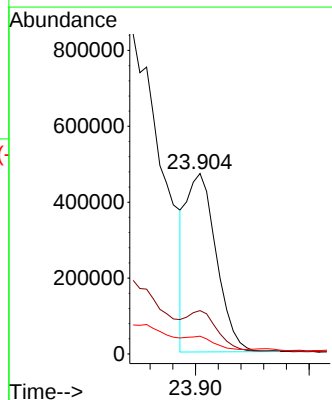
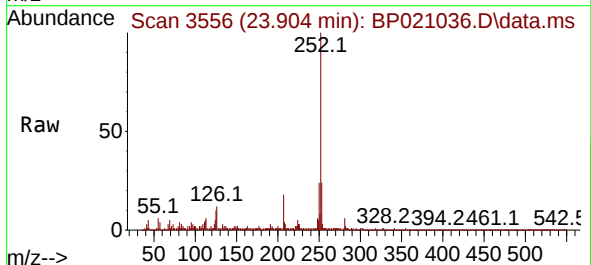
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Supervised By :mohammad
ahmed

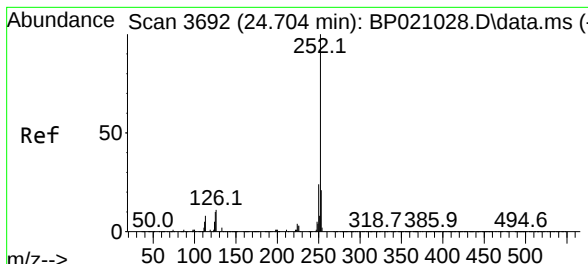
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#91
Benzo(k)fluoranthene
Concen: 10.779 ng/u1
RT: 23.904 min Scan# 3556
Delta R.T. 0.053 min
Lab File: BP021036.D
Acq: 18 Jul 2024 05:03

Tgt Ion:252 Resp: 862198
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 9.8 7.4 11.0





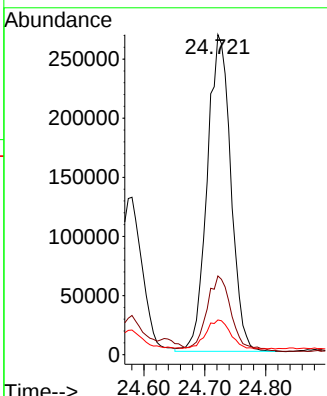
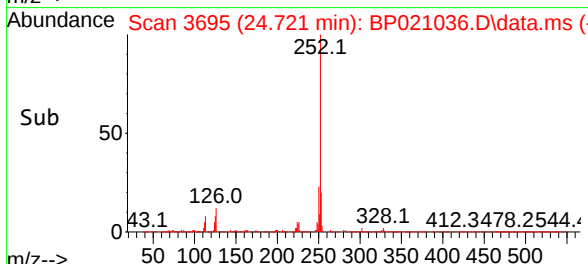
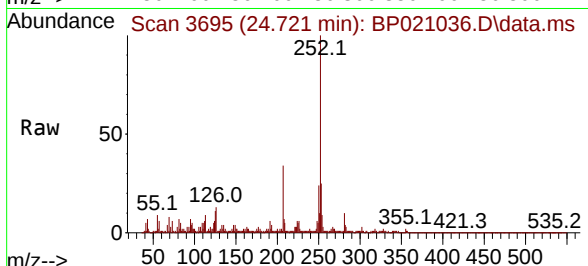
#93
 Benzo(a)pyrene
 Concen: 9.509 ng/ul
 RT: 24.721 min Scan# 3695
 Delta R.T. 0.053 min
 Lab File: BP021036.D
 Acq: 18 Jul 2024 05:03

Instrument : BNA_P
 ClientSampleId : A4C12

Tgt Ion:	252	Resp:	720229
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.4	26.0
125	10.8	7.7	11.5

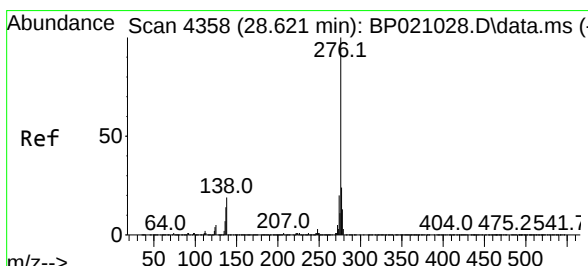
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Reviewed By :Yogesh Patel



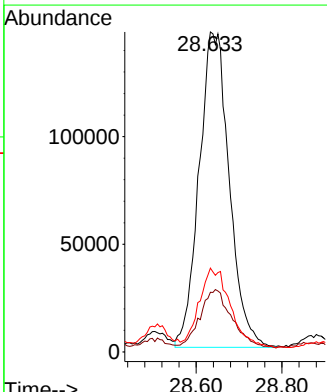
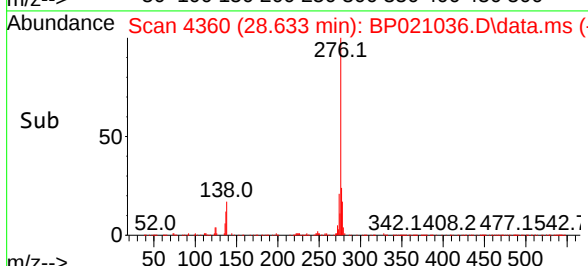
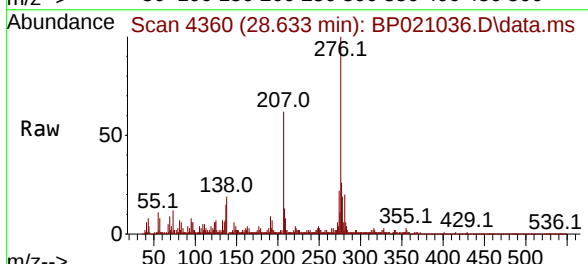
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 Supervised By :mohammad ahmed

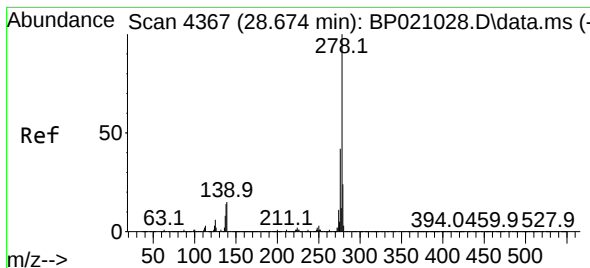
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#94
 Indeno(1,2,3-cd)pyrene
 Concen: 7.336 ng/ul m
 RT: 28.633 min Scan# 4360
 Delta R.T. 0.059 min
 Lab File: BP021036.D
 Acq: 18 Jul 2024 05:03

Tgt Ion:	276	Resp:	716044
Ion Ratio	Lower	Upper	
276	100		
138	18.7	14.3	21.5
277	26.2	19.2	28.8





#95

Dibenzo(a,h)anthracene

Concen: 4.159 ng/ul

RT: 28.686 min Scan# 41

Delta R.T. 0.053 min

Lab File: BP021036.D

Acq: 18 Jul 2024 05:03

Instrument :

BNA_P

ClientSampleId :

A4C12

Tgt Ion:278 Resp: 336130

Ion Ratio Lower Upper

278 100

139 16.7 10.9 16.3

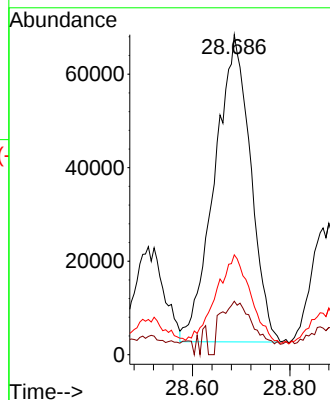
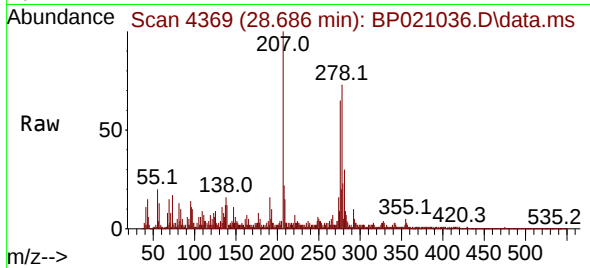
279 31.2 19.4 29.0

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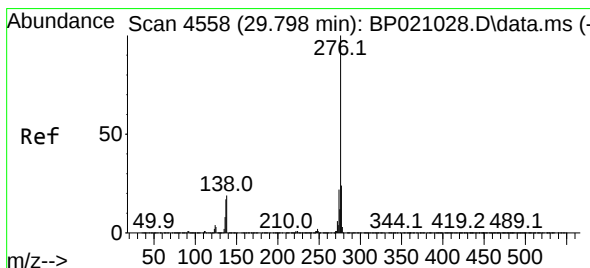
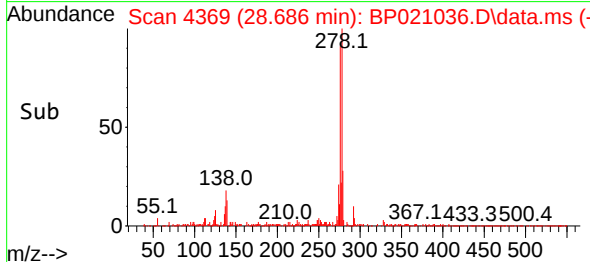
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ahmed

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#96

Benzo(g,h,i)perylene

Concen: 1.117 ng/ul m

RT: 29.815 min Scan# 4561

Delta R.T. 0.088 min

Lab File: BP021036.D

Acq: 18 Jul 2024 05:03

Tgt Ion:276 Resp: 88780

Ion Ratio Lower Upper

276 100

138 25.0 15.3 22.9#

277 30.4 18.2 27.2#

