

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020815.D
 Acq On : 06 Jul 2024 11:13
 Operator : MA/JU
 Sample : P3010-24
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CW5

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 23:08:06 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	224532	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	907614	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	578335	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1183083	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	1060100	20.000	ng/u1	0.00
88) Perylene-d12	24.980	264	1268043	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	18965	3.627	ng/uL	0.00
4) Pyridine-d5	3.699	84	27216m	1.786	ng/u1	0.02
7) Phenol-d5	6.916	99	487132	26.452	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	277202	23.743	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	399585	26.549	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	395723	26.458	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	191006	28.505	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.587	143	217375	32.416	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	401678	29.080	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	132242	6.831	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1200512	29.855	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	1373331	28.622	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	185101	30.128	ng/u1	0.01
60) Fluorene-d10	15.363	176	1039314	30.715	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	170565	28.608	ng/u1	0.01
73) Anthracene-d10	17.275	188	1603822	30.206	ng/u1	0.01
81) Pyrene-d10	19.651	212	1556515	24.440	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	1153352	18.698	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.075	152	108869	2.009	ng/u1	99
52) Acenaphthene	14.422	153	59813	1.664	ng/u1	97
56) Dibenzofuran	14.763	168	54518	1.125	ng/u1	94
61) Fluorene	15.422	166	73489	1.888	ng/u1	99
72) Phenanthrene	17.210	178	1731534	27.949	ng/u1	100
74) Anthracene	17.310	178	357264	5.606	ng/u1	99
77) Carbazole	17.586	167	189282	3.599	ng/u1	99
78) Di-n-butylphthalate	18.175	149	167602	2.454	ng/u1	99
80) Fluoranthene	19.304	202	3827428	49.200	ng/u1	99
82) Pyrene	19.686	202	2559801	32.085	ng/u1	98
83) Butylbenzylphthalate	20.633	149	72879	2.460	ng/u1	98
85) Benzo(a)anthracene	21.604	228	1767411	23.786	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.533	149	650122	14.134	ng/u1#	99
87) Chrysene	21.674	228	1956831	27.862	ng/u1	98
90) Benzo(b)fluoranthene	23.915	252	2779624	36.184	ng/u1	98
91) Benzo(k)fluoranthene	23.980	252	977426m	12.578	ng/u1	
93) Benzo(a)pyrene	24.821	252	905814	12.491	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.780	276	960538	10.327	ng/u1	98
95) Dibenzo(a,h)anthracene	28.827	278	354016m	4.631	ng/u1	
96) Benzo(g,h,i)perylene	29.968	276	117180	1.543	ng/u1#	90

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

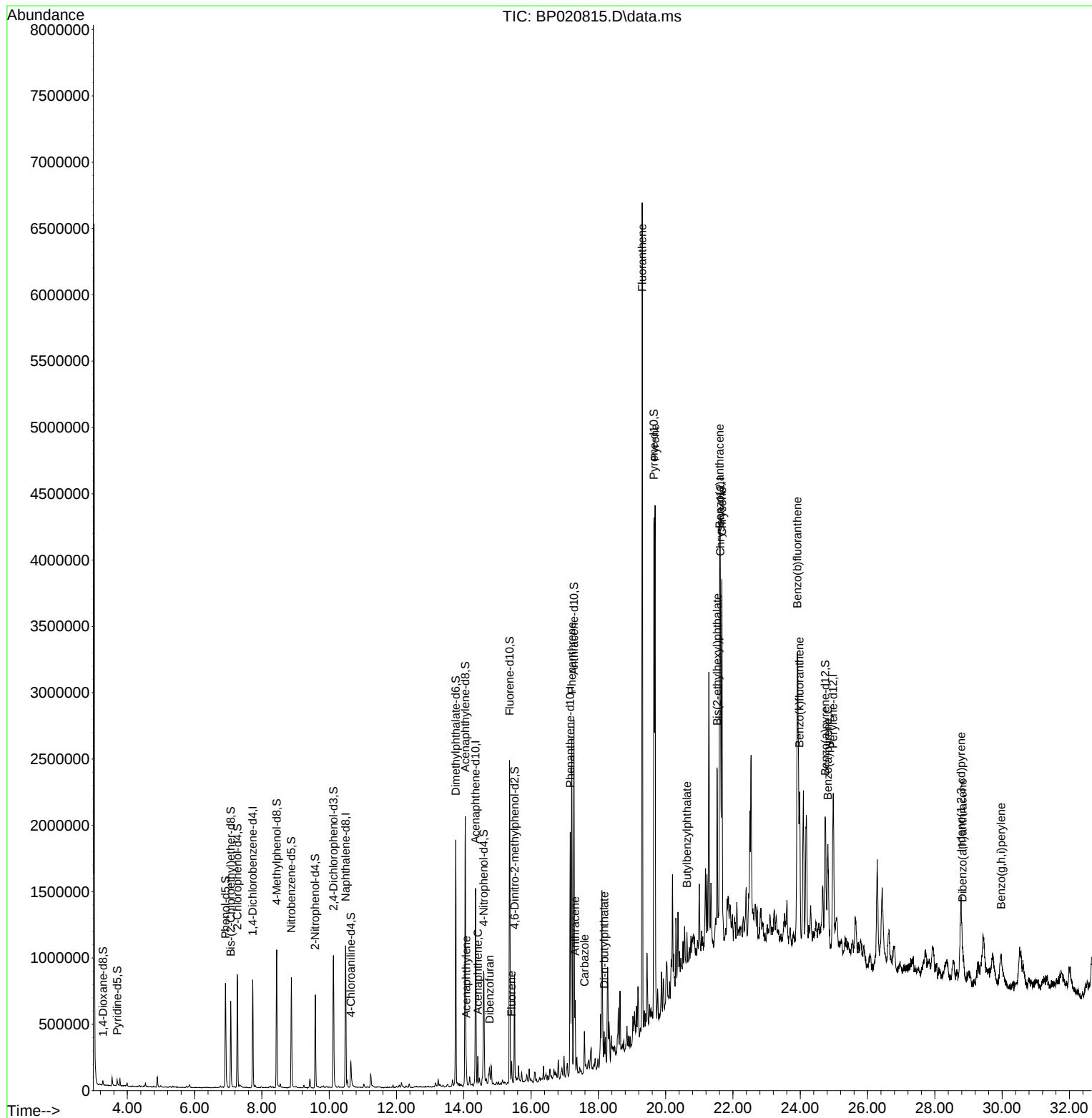
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020815.D
 Acq On : 06 Jul 2024 11:13
 Operator : MA/JU
 Sample : P3010-24
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 ALS Vial : 35 Sample Multiplier: 1

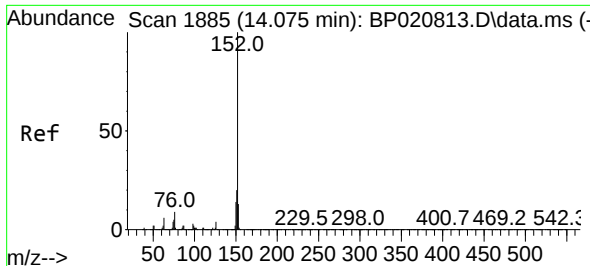
Instrument :
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 Supervised By :mohammad ahmed 07/08/2024

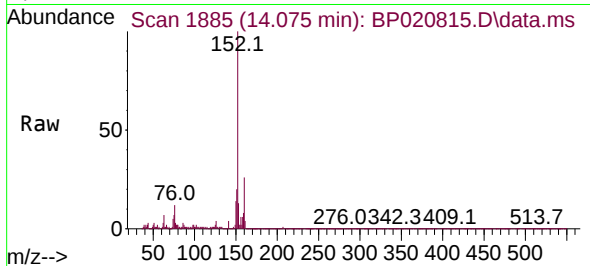
Quant Time: Jul 07 23:08:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
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#50
Acenaphthylene
Concen: 2.009 ng/ul
RT: 14.075 min Scan# 1885
Delta R.T. 0.006 min
Lab File: BP020815.D
Acq: 06 Jul 2024 11:13

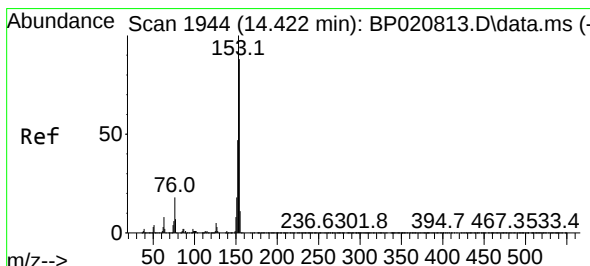
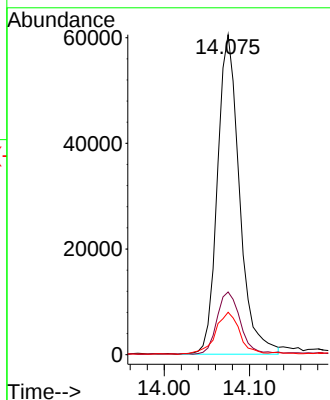
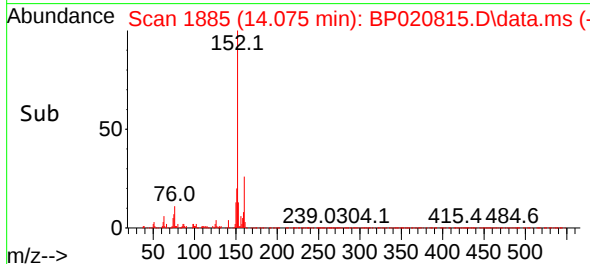
Instrument :
BNA_P
ClientSampleId :
A4CW5



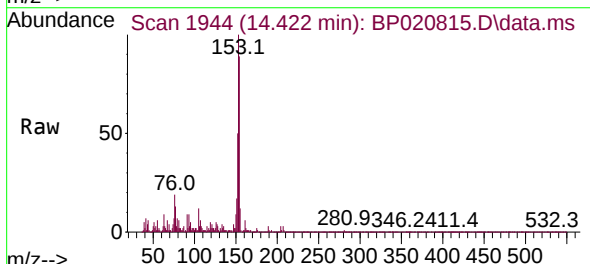
Tgt Ion:152 Resp: 108869
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.4
153 13.3 10.8 16.2

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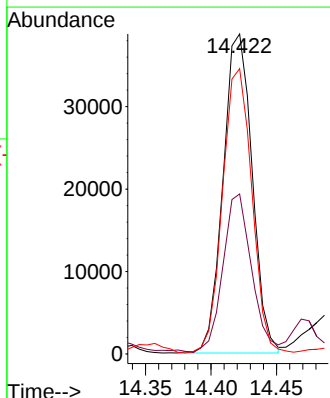
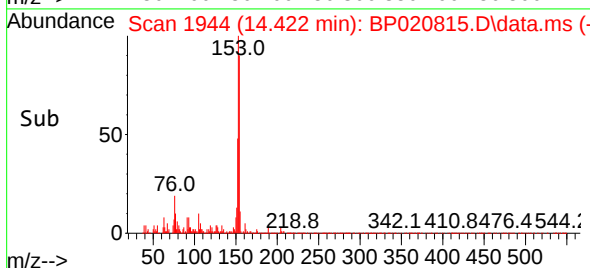
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

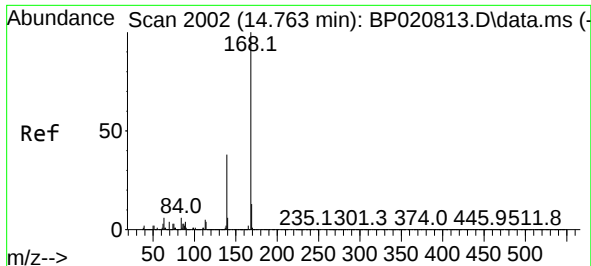


#52
Acenaphthene
Concen: 1.664 ng/ul
RT: 14.422 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BP020815.D
Acq: 06 Jul 2024 11:13



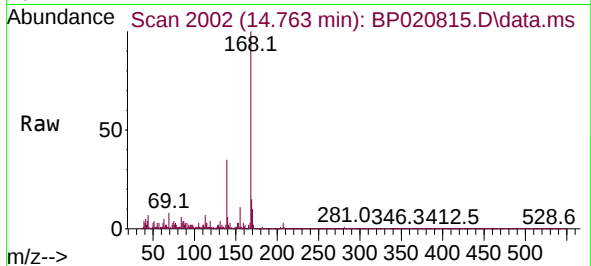
Tgt Ion:153 Resp: 59813
Ion Ratio Lower Upper
153 100
152 50.0 38.2 57.2
154 89.1 69.8 104.6





#56
Dibenzenofuran
Concen: 1.125 ng/ul
RT: 14.763 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BP020815.D
Acq: 06 Jul 2024 11:13

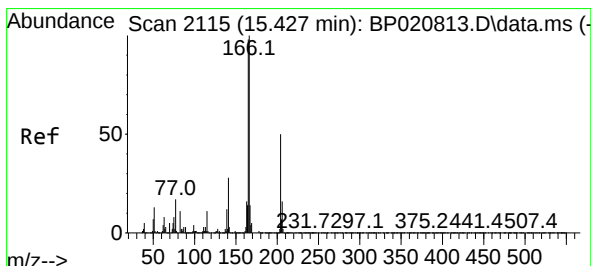
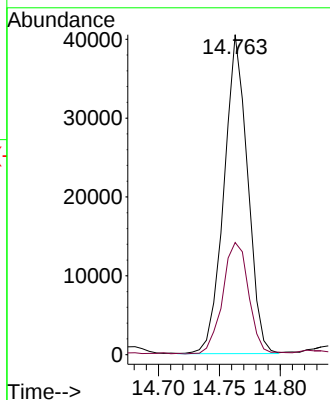
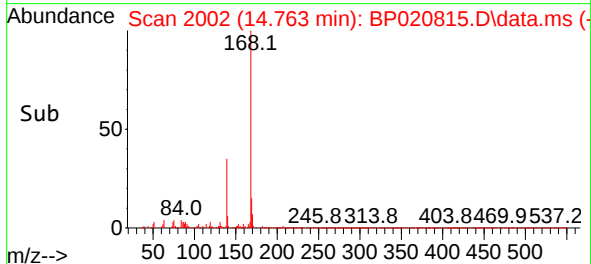
Instrument :
BNA_P
ClientSampleId :
A4CW5



Tgt Ion:168 Resp: 54518
Ion Ratio Lower Upper
168 100
139 35.1 30.7 46.1

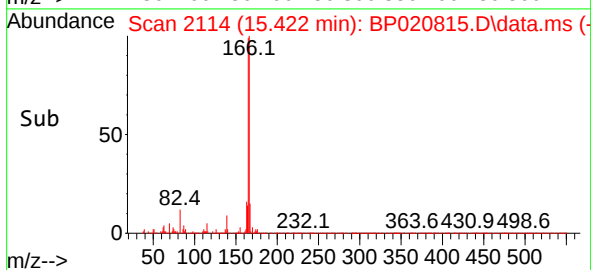
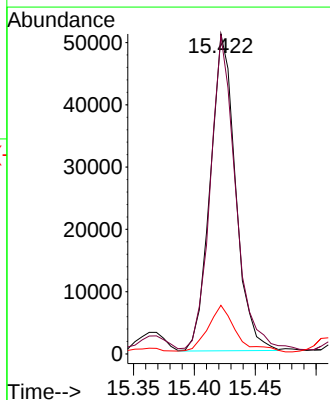
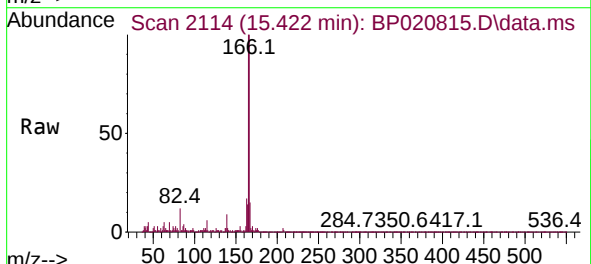
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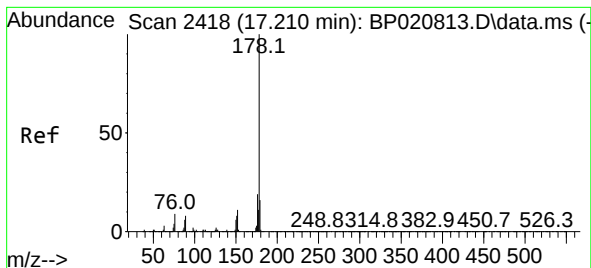
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#61
Fluorene
Concen: 1.888 ng/ul
RT: 15.422 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BP020815.D
Acq: 06 Jul 2024 11:13

Tgt Ion:166 Resp: 73489
Ion Ratio Lower Upper
166 100
165 99.5 78.8 118.2
167 15.2 11.2 16.8





#72

Phenanthrene

Concen: 27.949 ng/u1

RT: 17.210 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BP020815.D

Acq: 06 Jul 2024 11:13

Instrument :

BNA_P

ClientSampleId :

A4CW5

Tgt Ion:178 Resp: 1731534

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

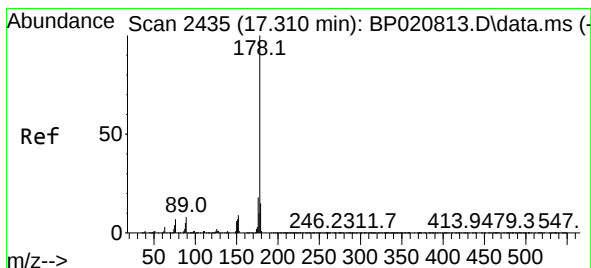
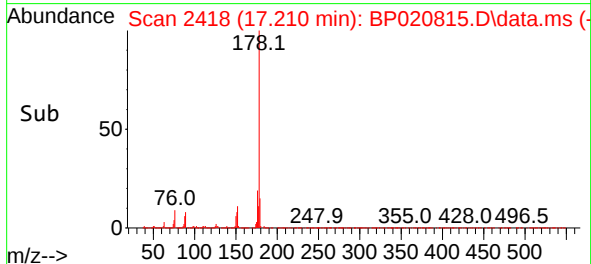
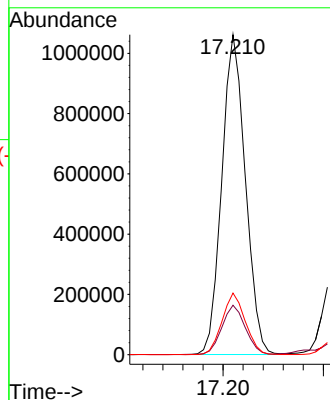
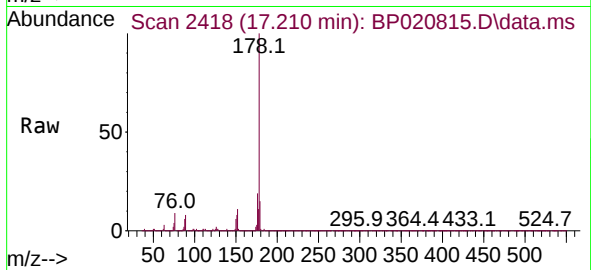
176 19.3 15.4 23.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#74

Anthracene

Concen: 5.606 ng/u1

RT: 17.310 min Scan# 2435

Delta R.T. 0.012 min

Lab File: BP020815.D

Acq: 06 Jul 2024 11:13

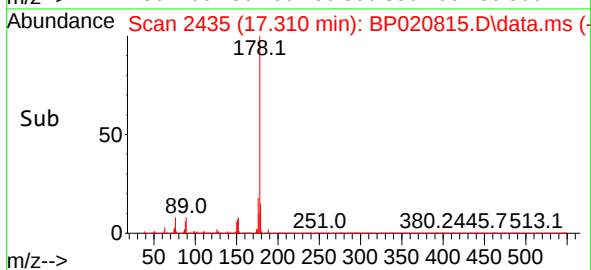
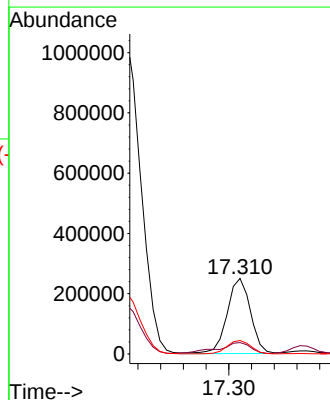
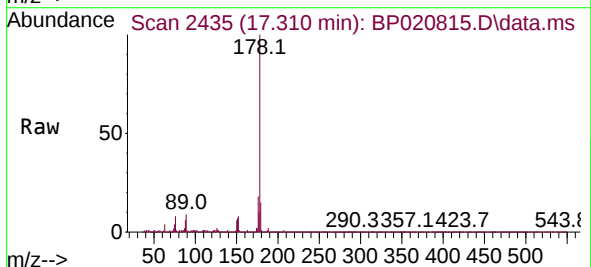
Tgt Ion:178 Resp: 357264

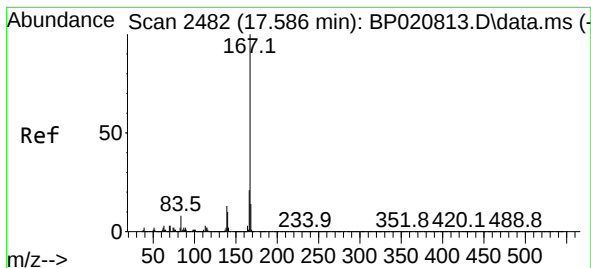
Ion Ratio Lower Upper

178 100

179 15.0 12.1 18.1

176 17.7 15.0 22.4





#77

Carbazole

Concen: 3.599 ng/ul

RT: 17.586 min Scan# 2482

Delta R.T. -0.000 min

Lab File: BP020815.D

Acq: 06 Jul 2024 11:13

Instrument :

BNA_P

ClientSampleId :

A4CW5

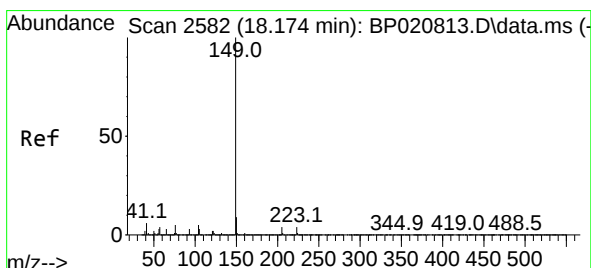
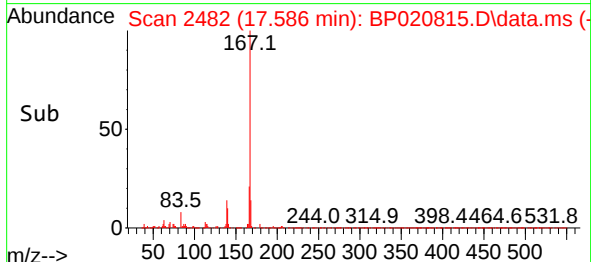
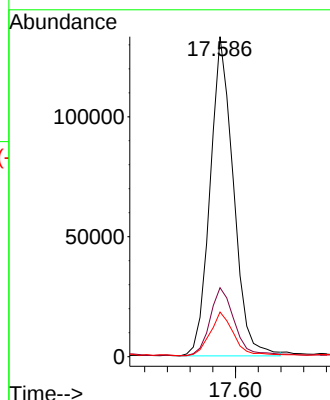
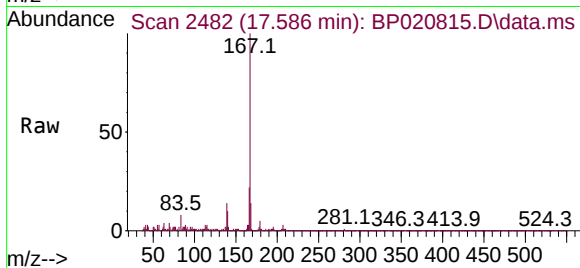
Tgt Ion:167	Resp: 18928
Ion Ratio	Lower Upper
167 100	
166 21.5	17.2 25.8
139 14.0	10.6 16.0

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#78

Di-n-butylphthalate

Concen: 2.454 ng/ul

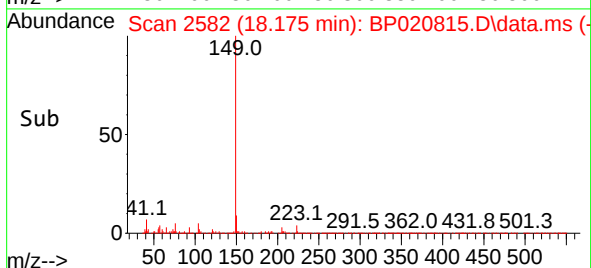
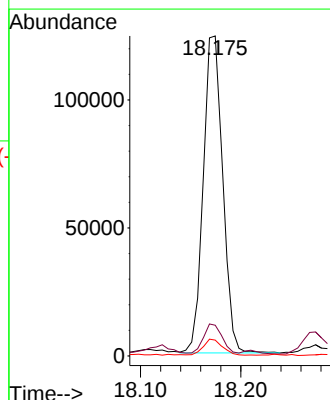
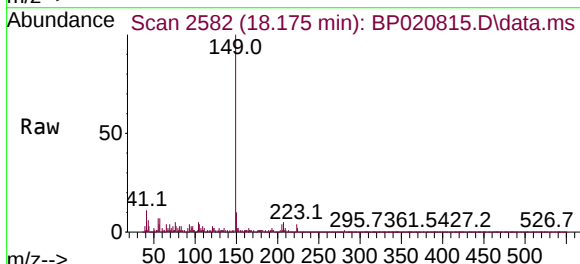
RT: 18.175 min Scan# 2582

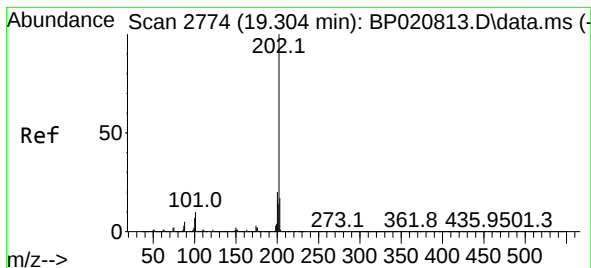
Delta R.T. 0.006 min

Lab File: BP020815.D

Acq: 06 Jul 2024 11:13

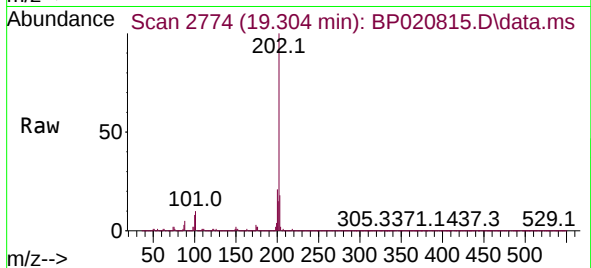
Tgt Ion:149	Resp: 167602
Ion Ratio	Lower Upper
149 100	
150 9.6	7.4 11.0
104 4.9	4.1 6.1





#80
Fluoranthene
Concen: 49.200 ng/ul
RT: 19.304 min Scan# 2774
Delta R.T. 0.006 min
Lab File: BP020815.D
Acq: 06 Jul 2024 11:13

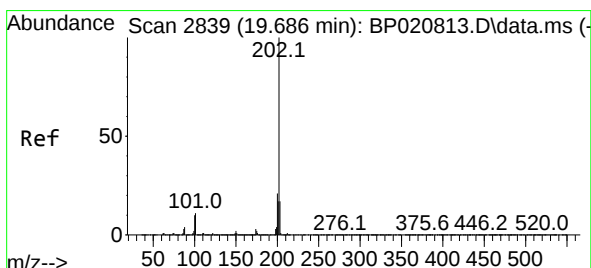
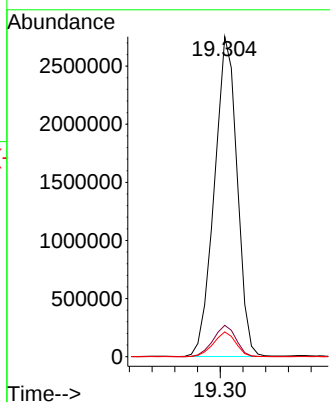
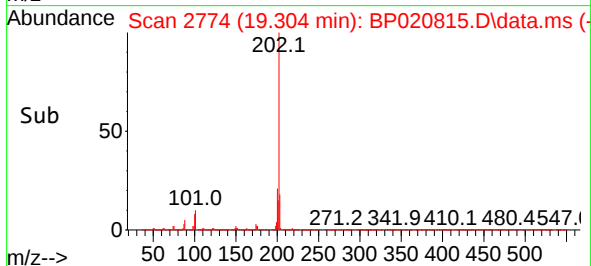
Instrument :
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A4CW5



Tgt Ion:202 Resp: 3827428
Ion Ratio Lower Upper
202 100
101 9.8 8.2 12.4
100 7.7 6.6 10.0

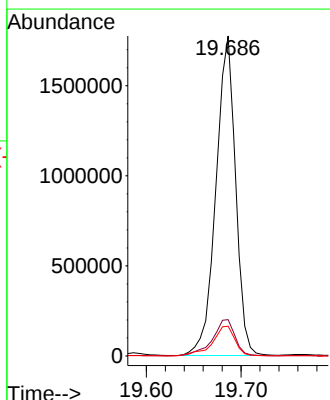
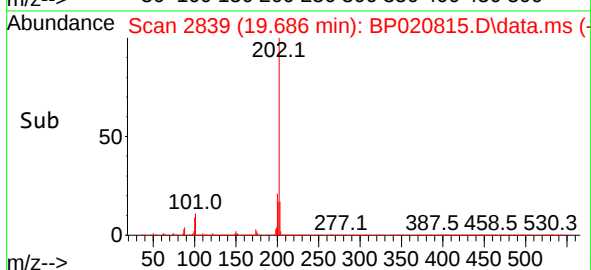
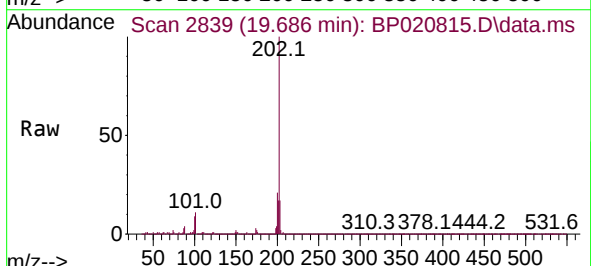
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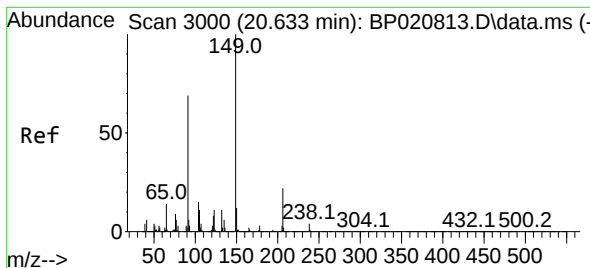
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#82
Pyrene
Concen: 32.085 ng/ul
RT: 19.686 min Scan# 2839
Delta R.T. 0.006 min
Lab File: BP020815.D
Acq: 06 Jul 2024 11:13

Tgt Ion:202 Resp: 2559801
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.8
100 9.3 7.9 11.9





#83

Butylbenzylphthalate

Concen: 2.460 ng/ul

RT: 20.633 min Scan# 3000

Delta R.T. -0.006 min

Lab File: BP020815.D

Acq: 06 Jul 2024 11:13

Instrument :

BNA_P

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A4CW5

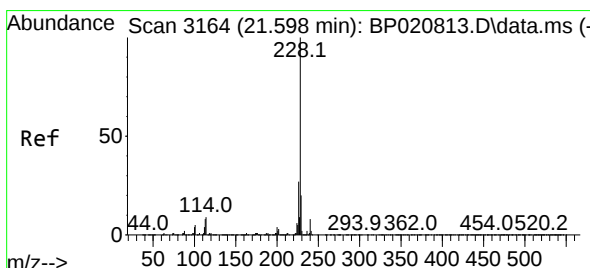
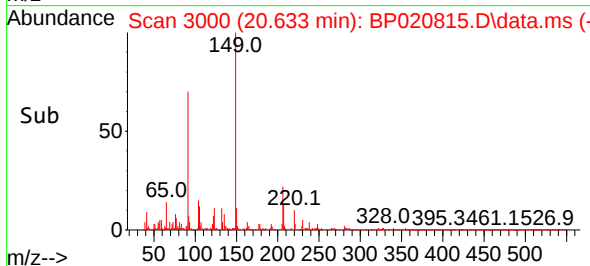
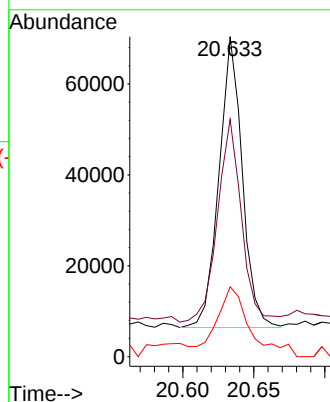
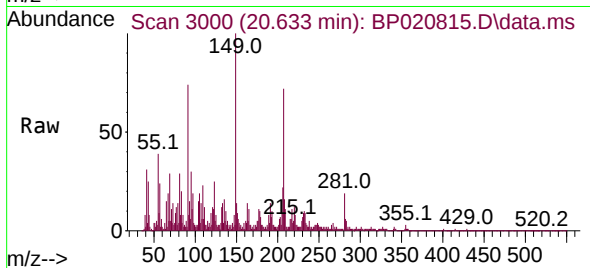
Tgt Ion:	149	Resp:	72879
Ion Ratio	Lower	Upper	
149	100		
91	74.2	58.0	87.0
206	21.9	17.3	25.9

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#85

Benzo(a)anthracene

Concen: 23.786 ng/ul

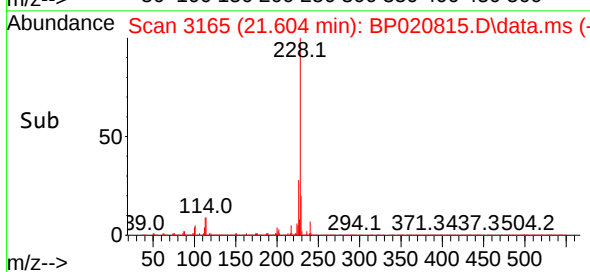
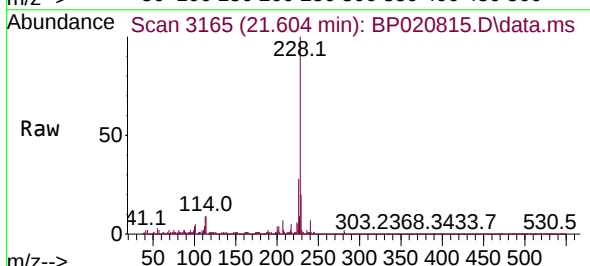
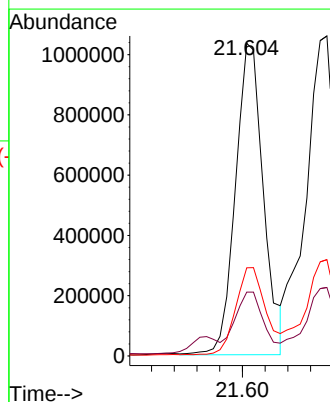
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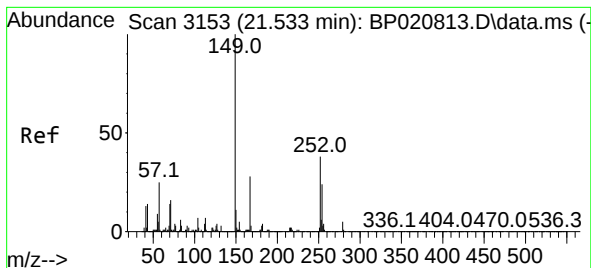
Delta R.T. 0.006 min

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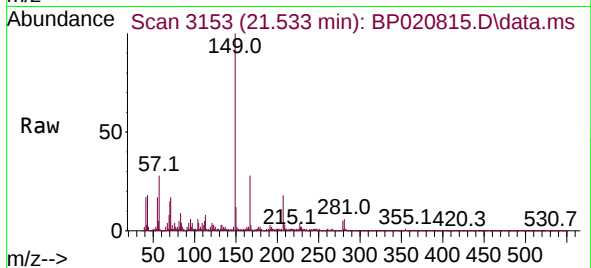
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Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.2	22.8
226	28.2	21.1	31.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 14.134 ng/ul
RT: 21.533 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP020815.D
Acq: 06 Jul 2024 11:13

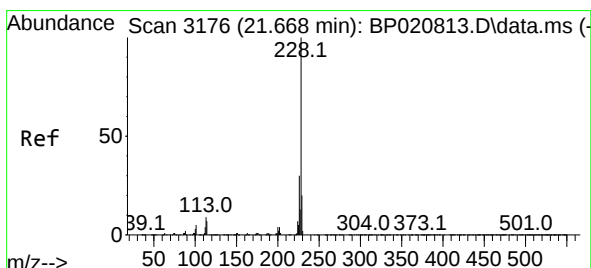
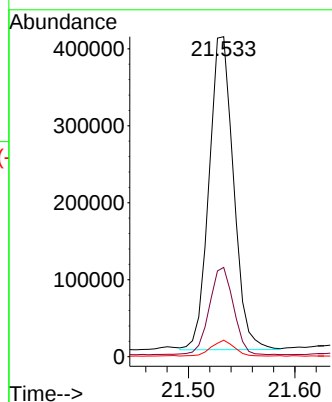
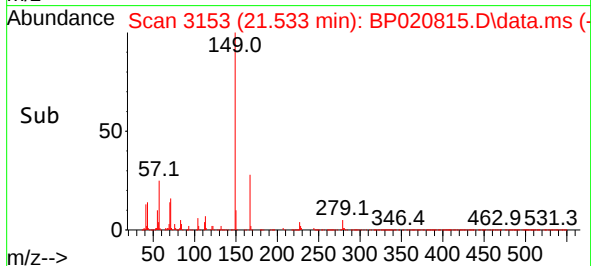
Instrument :
BNA_P
ClientSampleId :
A4CW5



Tgt Ion:149 Resp: 65012
Ion Ratio Lower Upper
149 100
167 27.9 22.0 33.0
279 5.2 3.3 4.9

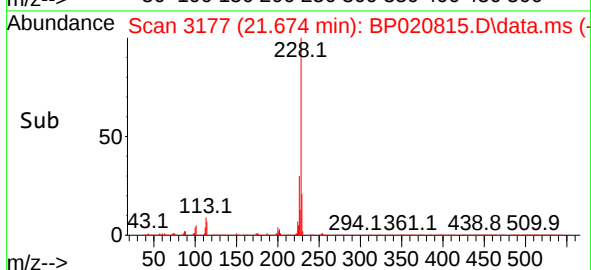
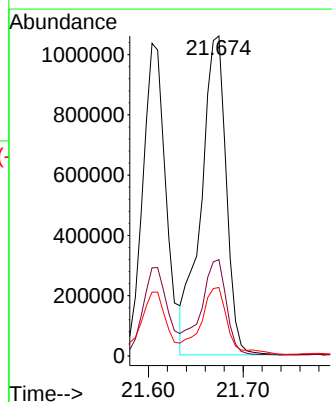
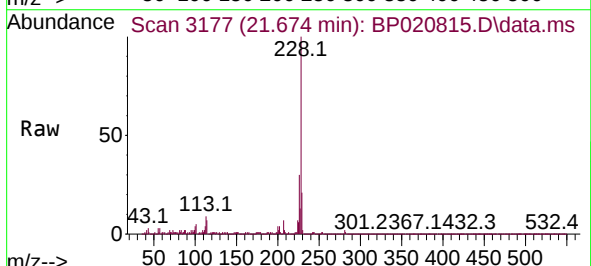
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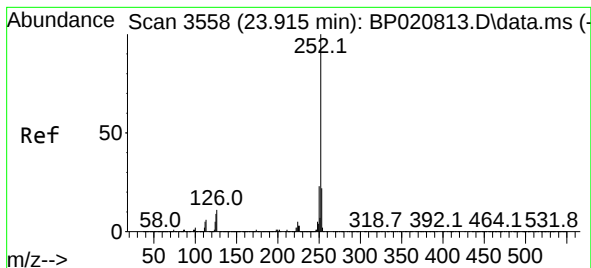
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#87
Chrysene
Concen: 27.862 ng/ul
RT: 21.674 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BP020815.D
Acq: 06 Jul 2024 11:13

Tgt Ion:228 Resp: 1956831
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 21.4 16.1 24.1





#90

Benzo(b)fluoranthene

Concen: 36.184 ng/ul

RT: 23.915 min Scan# 3558

Delta R.T. 0.012 min

Lab File: BP020815.D

Acq: 06 Jul 2024 11:13

Instrument :

BNA_P

ClientSampleId :

A4CW5

Tgt Ion:252 Resp: 2779624

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

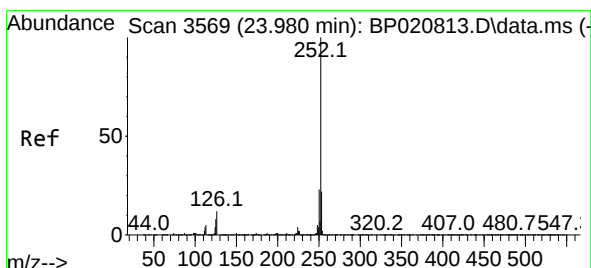
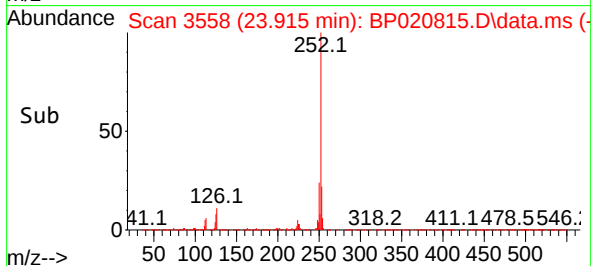
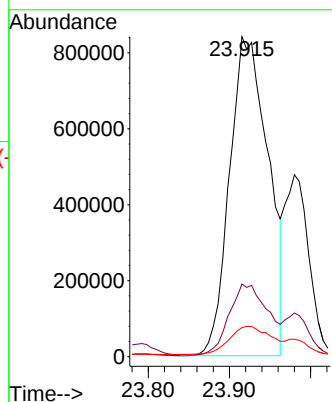
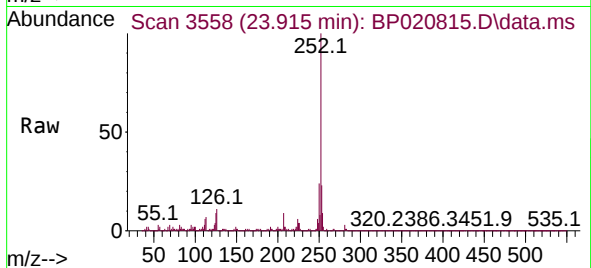
125 9.1 7.9 11.9

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#91

Benzo(k)fluoranthene

Concen: 12.578 ng/ul m

RT: 23.980 min Scan# 3569

Delta R.T. 0.006 min

Lab File: BP020815.D

Acq: 06 Jul 2024 11:13

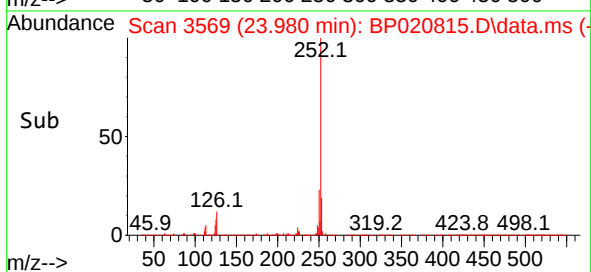
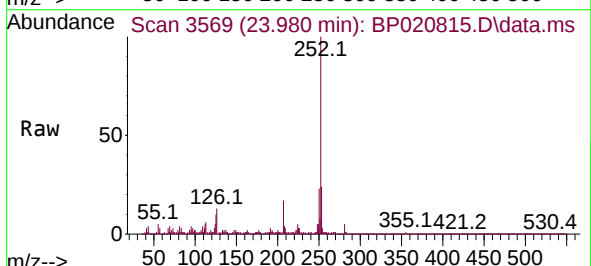
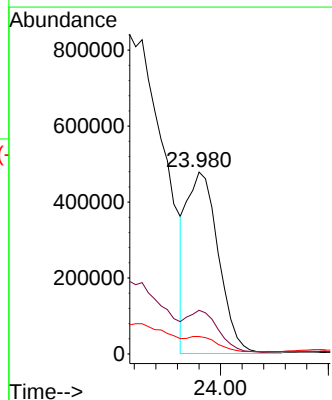
Tgt Ion:252 Resp: 977426

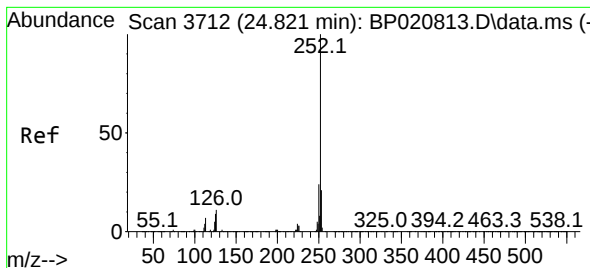
Ion Ratio Lower Upper

252 100

253 24.0 17.6 26.4

125 9.6 7.9 11.9





#93

Benzo(a)pyrene

Concen: 12.491 ng/ul

RT: 24.821 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP020815.D

Acq: 06 Jul 2024 11:13

Instrument :

BNA_P

ClientSampleId :

A4CW5

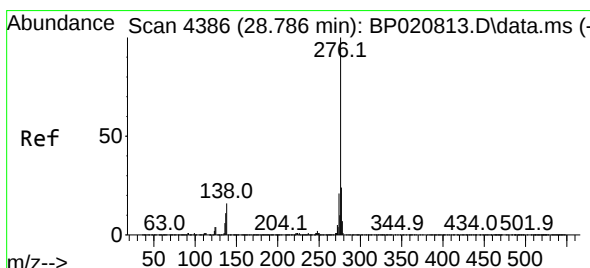
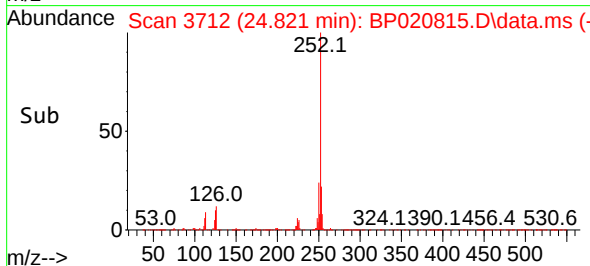
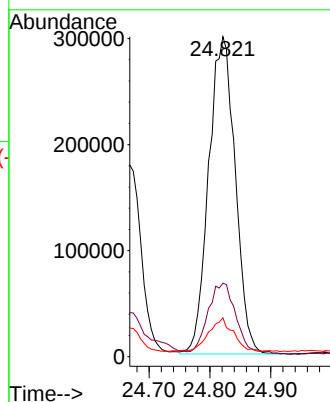
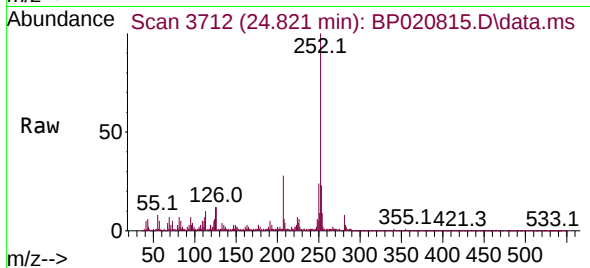
Tgt Ion:	252	Resp:	905814
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.2
125	12.2	8.7	13.1

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.327 ng/ul

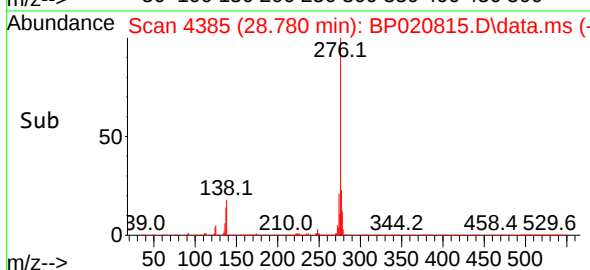
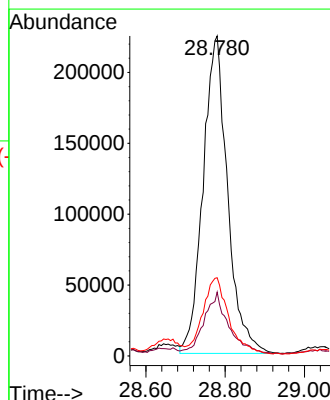
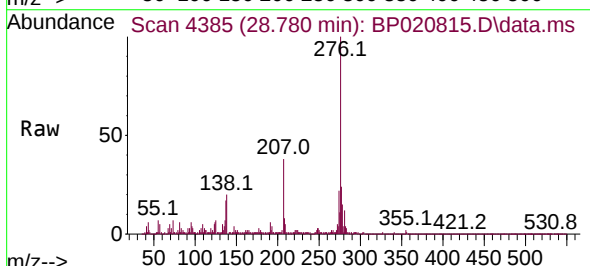
RT: 28.780 min Scan# 4385

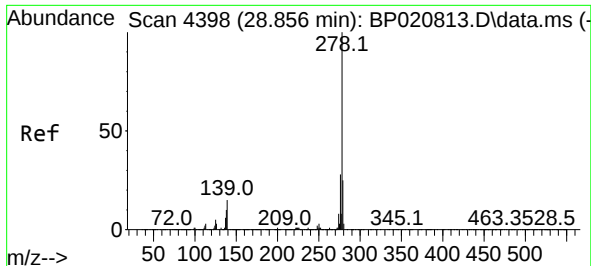
Delta R.T. 0.017 min

Lab File: BP020815.D

Acq: 06 Jul 2024 11:13

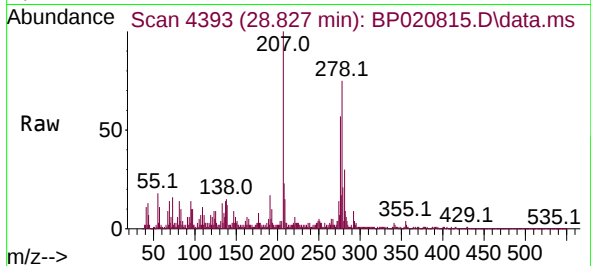
Tgt Ion:	276	Resp:	960538
Ion Ratio	Lower	Upper	
276	100		
138	20.0	15.2	22.8
277	24.5	19.0	28.4





#95
Dibenzo(a,h)anthracene
Concen: 4.631 ng/ul m
RT: 28.827 min Scan# 4398
Delta R.T. -0.012 min
Lab File: BP020815.D
Acq: 06 Jul 2024 11:13

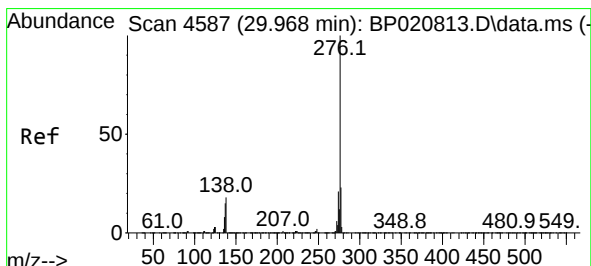
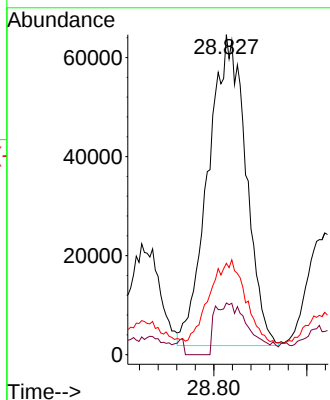
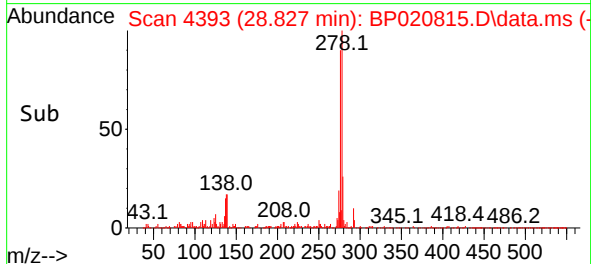
Instrument :
BNA_P
ClientSampleId :
A4CW5



Tgt Ion:278 Resp: 354010
Ion Ratio Lower Upper
278 100
139 16.2 11.1 16.7
279 28.5 18.7 28.1

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



#96
Benzo(g,h,i)perylene
Concen: 1.543 ng/ul
RT: 29.968 min Scan# 4587
Delta R.T. 0.029 min
Lab File: BP020815.D
Acq: 06 Jul 2024 11:13

Tgt Ion:276 Resp: 117180
Ion Ratio Lower Upper
276 100
138 25.3 16.4 24.6#
277 28.0 18.7 28.1

