

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020715.D
 Acq On : 01 Jul 2024 12:39
 Operator : MA/JU
 Sample : P2897-14DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0T61DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 00:58:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	231621	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.516	136	911915	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.375	164	526679	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	937934	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	852559	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	1056593	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	2401	0.445	ng/uL	0.00
4) Pyridine-d5	3.711	84	7751m	0.493	ng/ul	0.02
7) Phenol-d5	6.922	99	47108	2.480	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	31573	2.622	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.281	132	41165	2.651	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	38041	2.466	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	20438	3.036	ng/ul	0.00
24) 2-Nitrophenol-d4	9.605	143	20647	3.064	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	38572	2.779	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	28033m	1.441	ng/ul	0.02
46) Dimethylphthalate-d6	13.775	166	126369	3.451	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	135246	3.095	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.387	176	101792	3.303	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	5166	1.093	ng/ul	0.02
73) Anthracene-d10	17.292	188	135790	3.226	ng/ul	0.01
81) Pyrene-d10	19.675	212	132873	2.594	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.757	264	110133	2.143	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.575	128	11469818	234.992	ng/ul	99
36) 2-Methylnaphthalene	12.181	142	4047343	123.788	ng/ul	99
37) 1-Methylnaphthalene	12.399	142	2585187	77.345	ng/ul	99
43) 1,1'-Biphenyl	13.199	154	595151	15.110	ng/ul	98
50) Acenaphthylene	14.093	152	517551	10.486	ng/ul#	92
52) Acenaphthene	14.440	153	1585666	48.429	ng/ul	99
56) Dibenzofuran	14.781	168	161278	3.655	ng/ul	94
61) Fluorene	15.451	166	1136699	32.066	ng/ul	100
72) Phenanthrene	17.240	178	4736876	96.444	ng/ul	100
74) Anthracene	17.334	178	1291984	25.573	ng/ul	99
80) Fluoranthene	19.328	202	1621650	25.920	ng/ul	99
82) Pyrene	19.704	202	2041453	31.816	ng/ul	100
85) Benzo(a)anthracene	21.622	228	936932m	15.679	ng/ul	
87) Chrysene	21.692	228	783323	13.868	ng/ul	99
90) Benzo(b)fluoranthene	23.933	252	591648	9.243	ng/ul	97
91) Benzo(k)fluoranthene	23.992	252	162589m	2.511	ng/ul	
93) Benzo(a)pyrene	24.839	252	401238	6.640	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.792	276	190578m	2.459	ng/ul	
95) Dibenzo(a,h)anthracene	28.845	278	77125m	1.211	ng/ul	

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

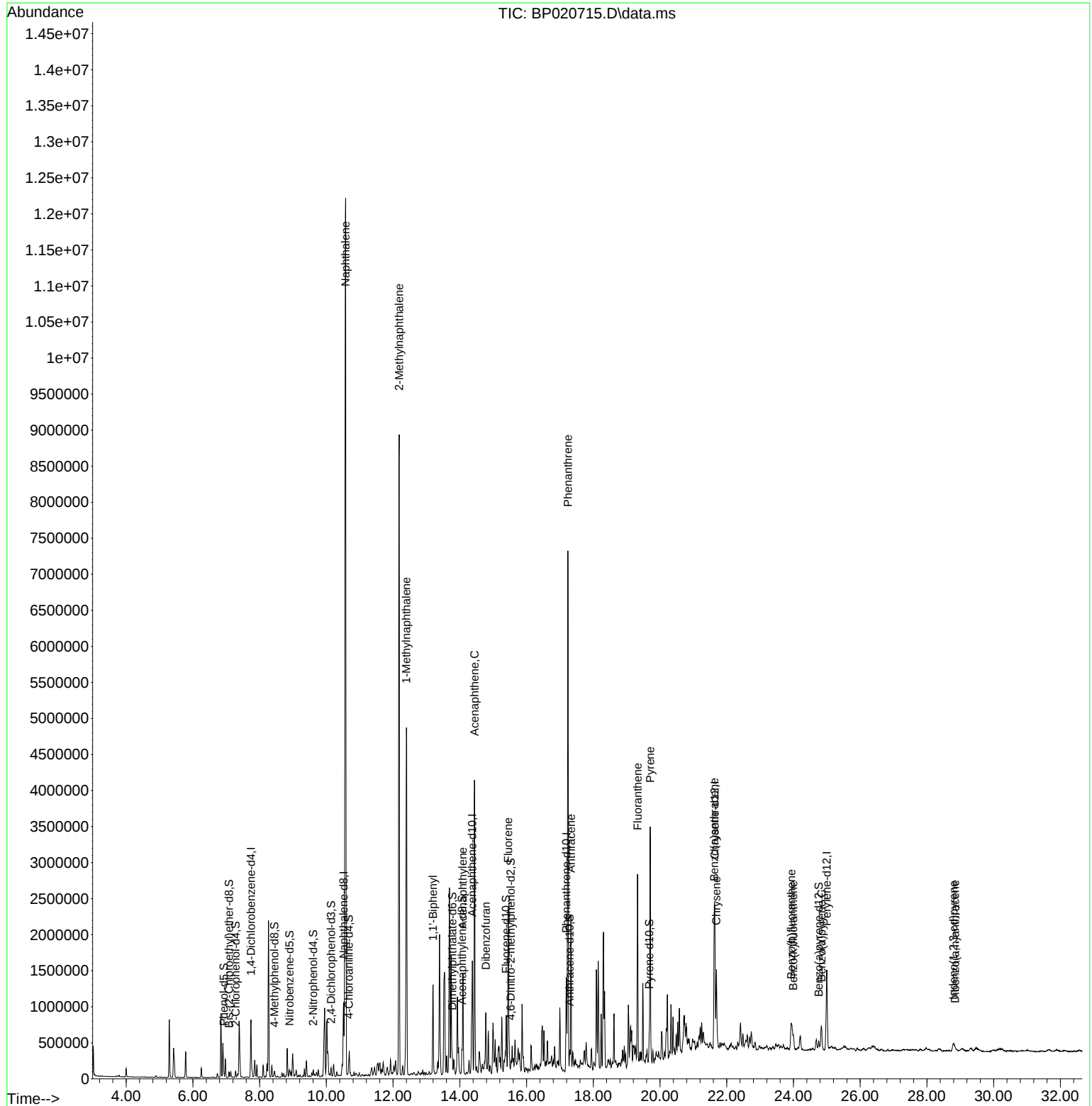
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
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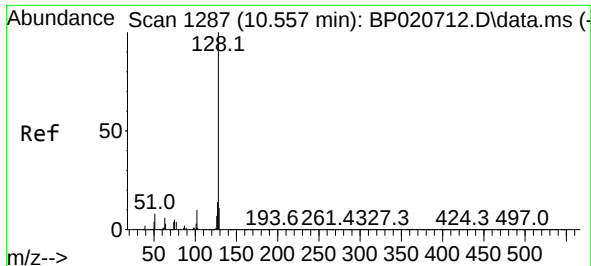
Instrument :
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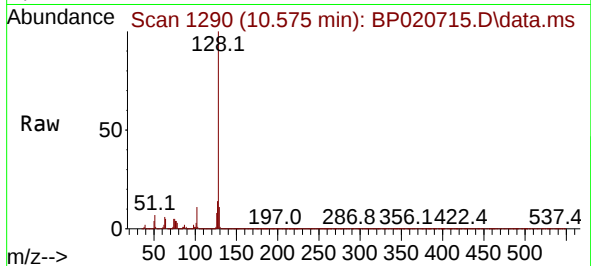
Quant Time: Jul 02 00:58:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
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#30
Naphthalene
Concen: 234.992 ng/ul
RT: 10.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP020715.D
Acq: 01 Jul 2024 12:39

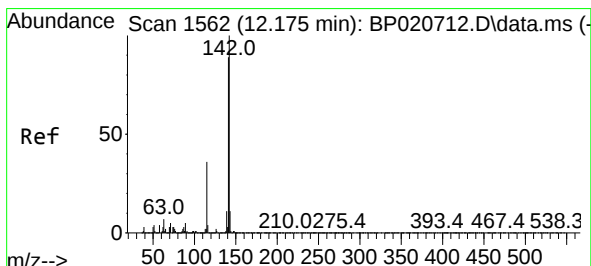
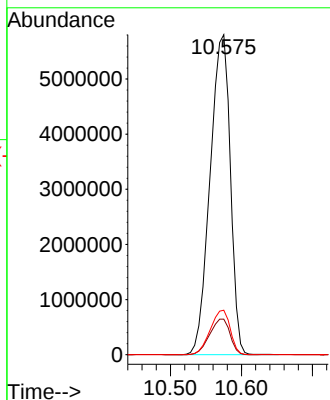
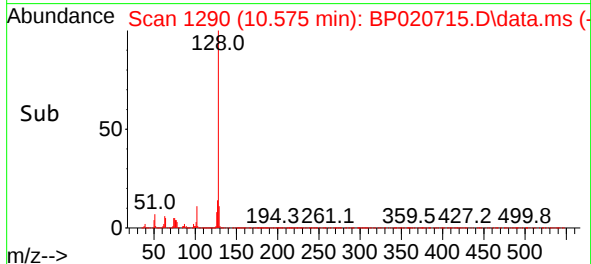
Instrument :
BNA_P
ClientSampleId :
C0T61DL



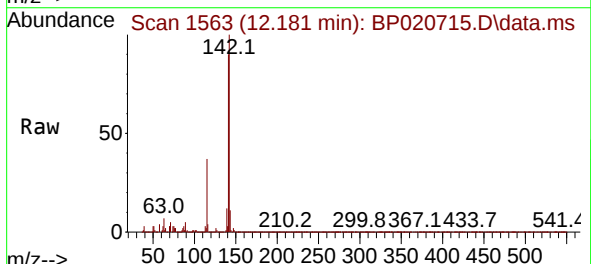
Tgt Ion:128 Resp:11469818
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.9 10.6 15.8

Manual Integrations
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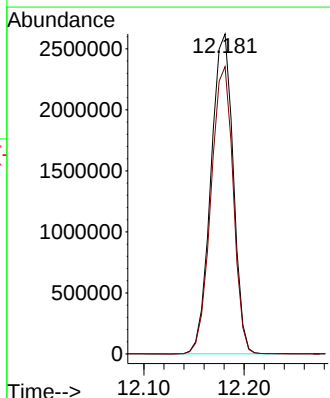
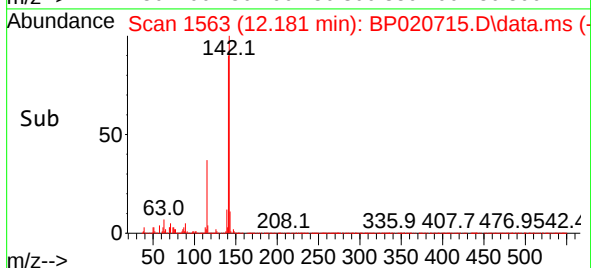
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

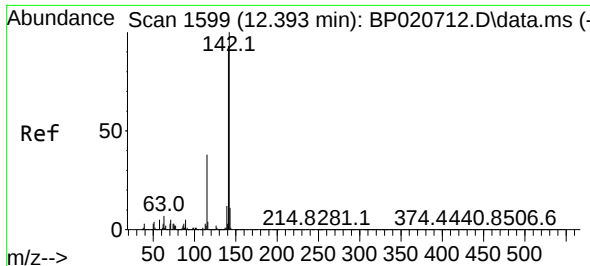


#36
2-Methylnaphthalene
Concen: 123.788 ng/ul
RT: 12.181 min Scan# 1563
Delta R.T. 0.012 min
Lab File: BP020715.D
Acq: 01 Jul 2024 12:39



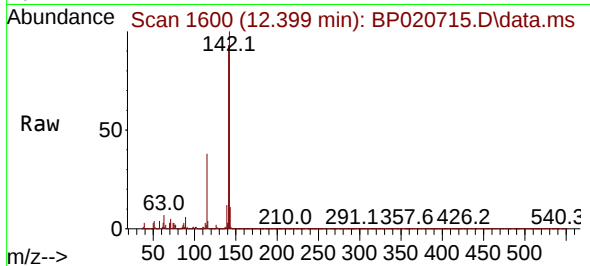
Tgt Ion:142 Resp: 4047343
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7





#37
1-Methylnaphthalene
Concen: 77.345 ng/ul
RT: 12.399 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP020715.D
Acq: 01 Jul 2024 12:39

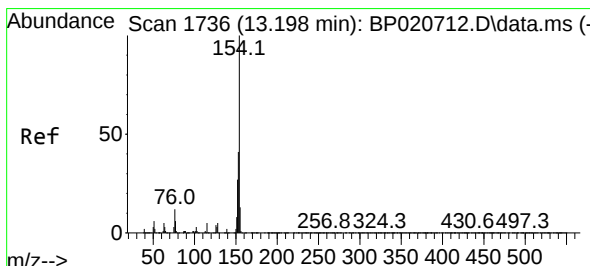
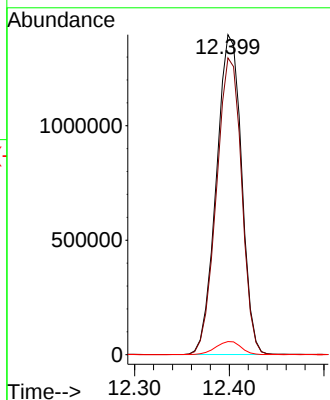
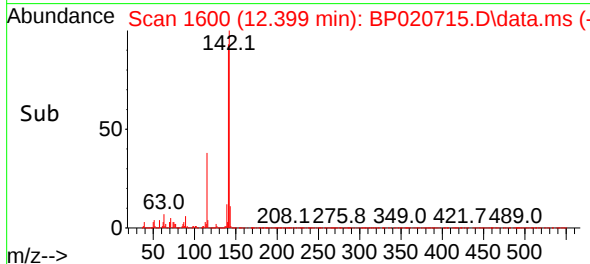
Instrument :
BNA_P
ClientSampleId :
C0T61DL



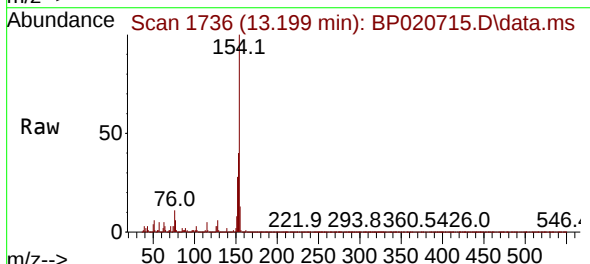
Tgt Ion:142 Resp: 258518
Ion Ratio Lower Upper
142 100
141 92.7 74.9 112.3
116 4.1 3.3 4.9

Manual Integrations
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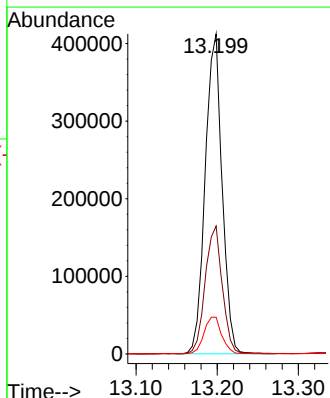
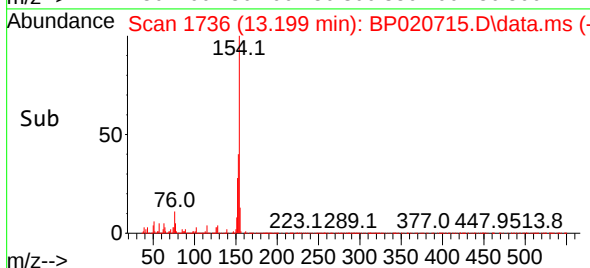
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

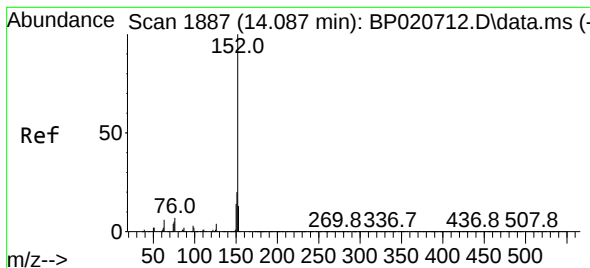


#43
1,1'-Biphenyl
Concen: 15.110 ng/ul
RT: 13.199 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP020715.D
Acq: 01 Jul 2024 12:39



Tgt Ion:154 Resp: 595151
Ion Ratio Lower Upper
154 100
153 40.0 32.6 48.8
76 11.5 10.8 16.2





#50

Acenaphthylene

Concen: 10.486 ng/ul

RT: 14.093 min Scan# 1888

Delta R.T. 0.000 min

Lab File: BP020715.D

Acq: 01 Jul 2024 12:39

Instrument :

BNA_P

ClientSampleId :

C0T61DL

Tgt Ion:152 Resp: 51755

Ion Ratio Lower Upper

152 100

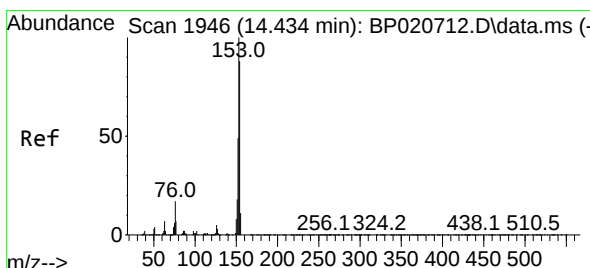
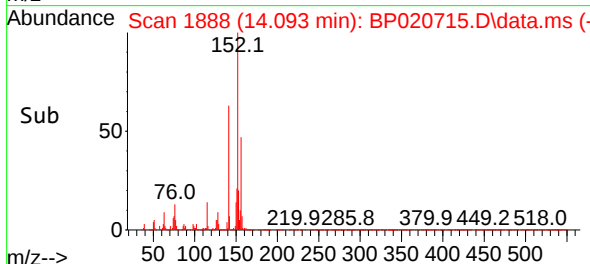
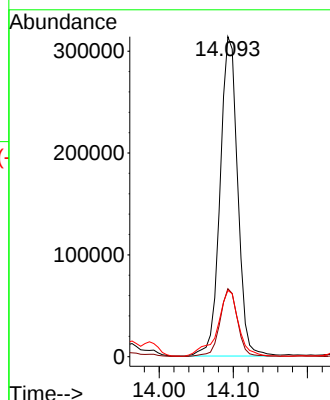
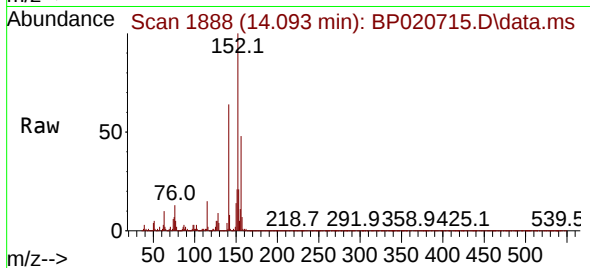
151 21.3 16.2 24.4

153 20.7 10.8 16.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#52

Acenaphthene

Concen: 48.429 ng/ul

RT: 14.440 min Scan# 1947

Delta R.T. 0.012 min

Lab File: BP020715.D

Acq: 01 Jul 2024 12:39

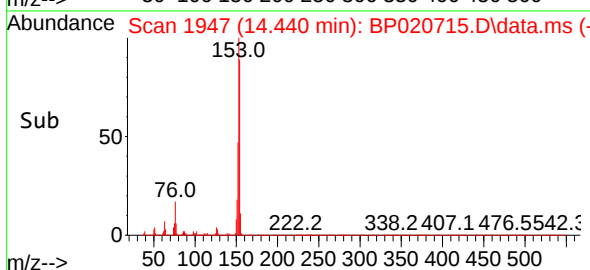
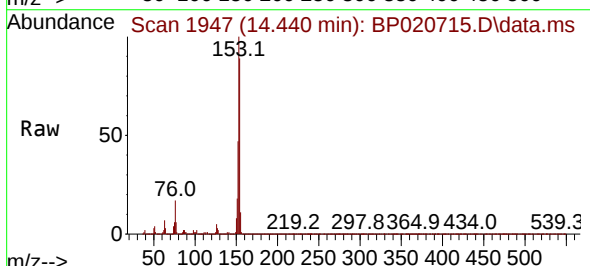
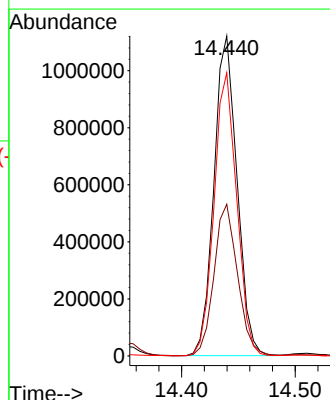
Tgt Ion:153 Resp: 1585666

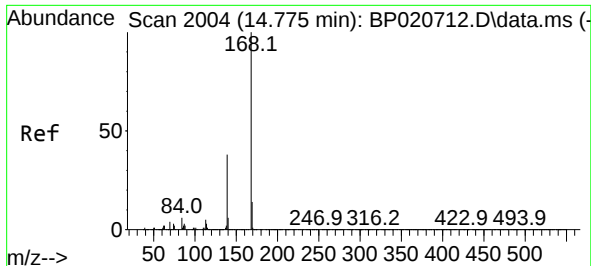
Ion Ratio Lower Upper

153 100

152 47.4 38.2 57.2

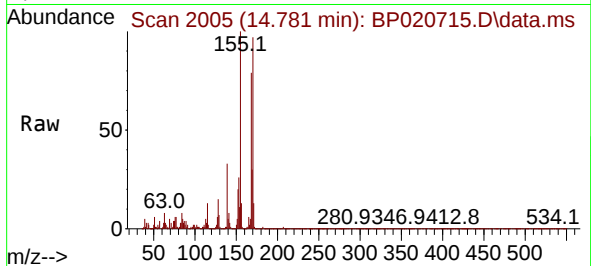
154 88.5 69.8 104.6





#56
Dibenzenofuran
Concen: 3.655 ng/ul
RT: 14.781 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BP020715.D
Acq: 01 Jul 2024 12:39

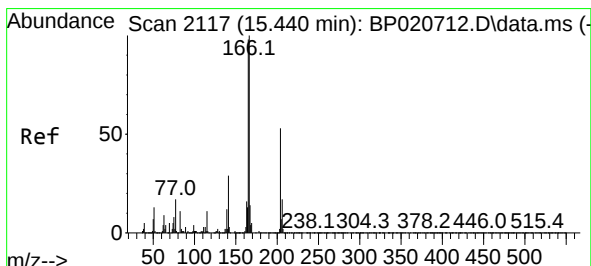
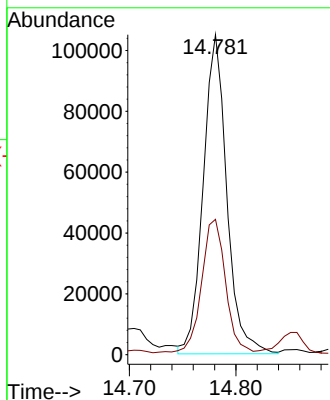
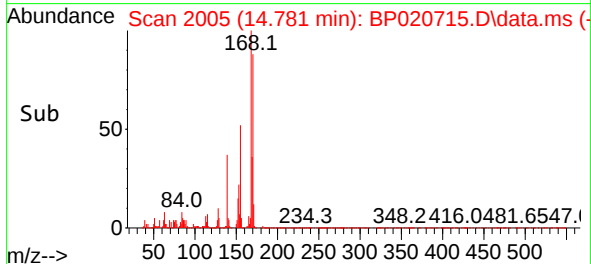
Instrument :
BNA_P
ClientSampleId :
C0T61DL



Tgt Ion:168 Resp: 161278
Ion Ratio Lower Upper
168 100
139 42.3 30.7 46.1

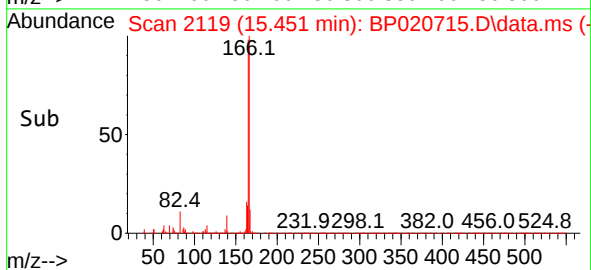
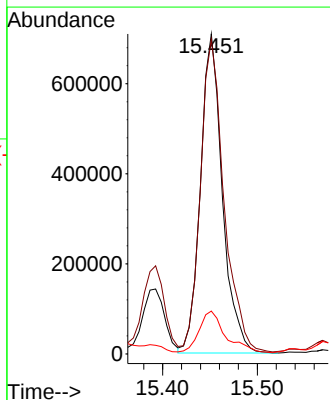
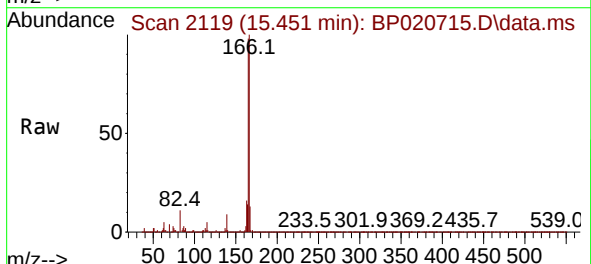
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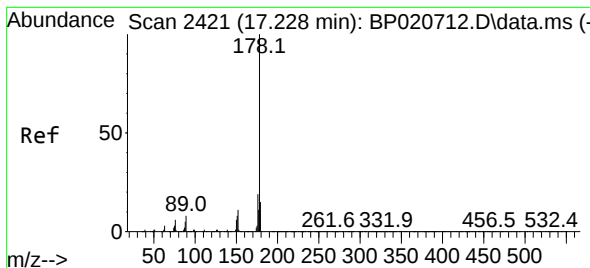
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#61
Fluorene
Concen: 32.066 ng/ul
RT: 15.451 min Scan# 2119
Delta R.T. 0.018 min
Lab File: BP020715.D
Acq: 01 Jul 2024 12:39

Tgt Ion:166 Resp: 1136699
Ion Ratio Lower Upper
166 100
165 98.4 78.8 118.2
167 13.4 11.2 16.8





#72

Phenanthrene

Concen: 96.444 ng/u1

RT: 17.240 min Scan# 2421

Delta R.T. 0.012 min

Lab File: BP020715.D

Acq: 01 Jul 2024 12:39

Instrument :

BNA_P

ClientSampleId :

C0T61DL

Tgt Ion:178 Resp: 4736870

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

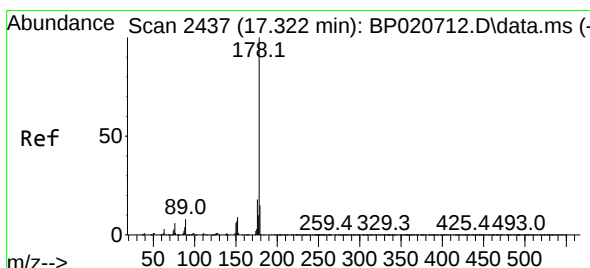
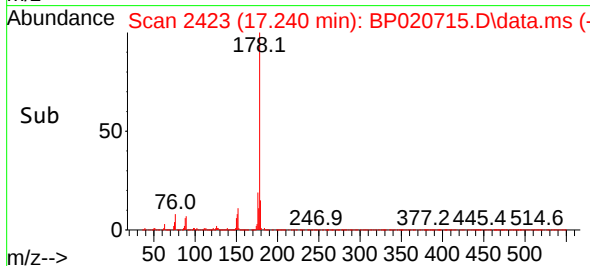
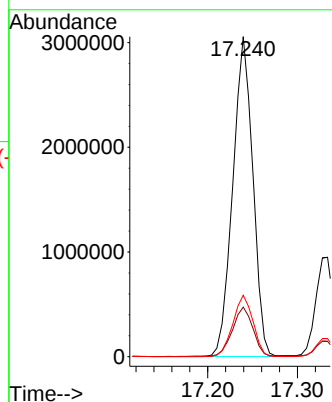
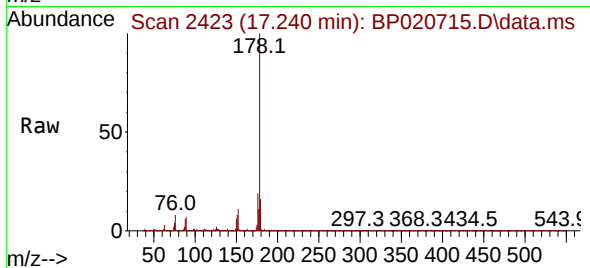
176 19.2 15.4 23.2

Manual Integrations

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#74

Anthracene

Concen: 25.573 ng/u1

RT: 17.334 min Scan# 2439

Delta R.T. 0.018 min

Lab File: BP020715.D

Acq: 01 Jul 2024 12:39

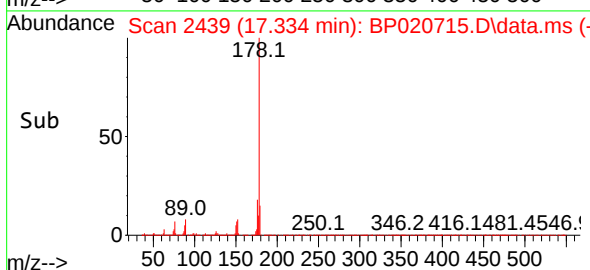
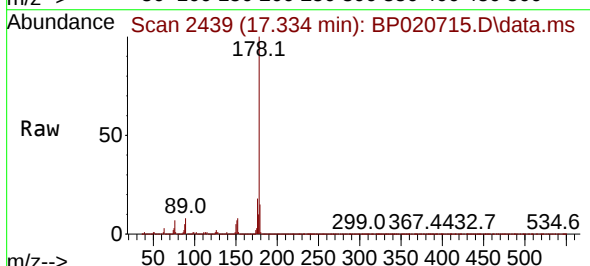
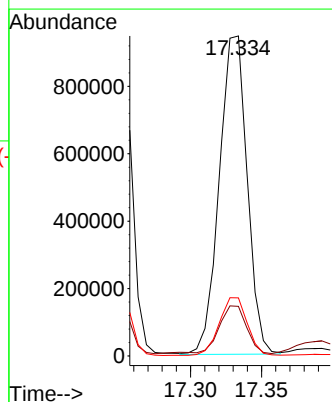
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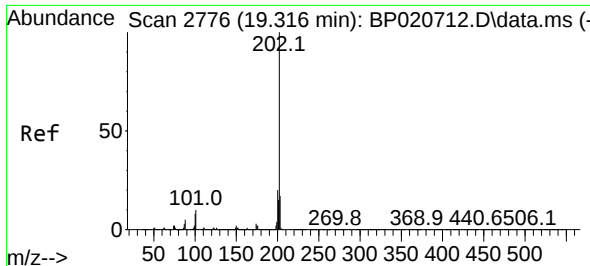
Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

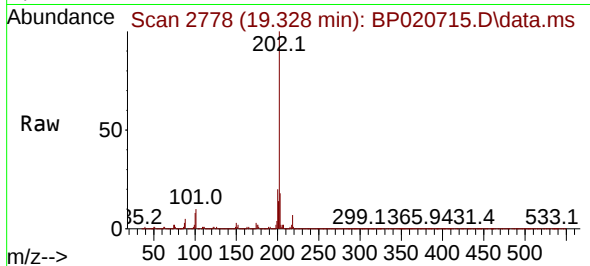
176 18.1 15.0 22.4





#80
Fluoranthene
Concen: 25.920 ng/ul
RT: 19.328 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP020715.D
Acq: 01 Jul 2024 12:39

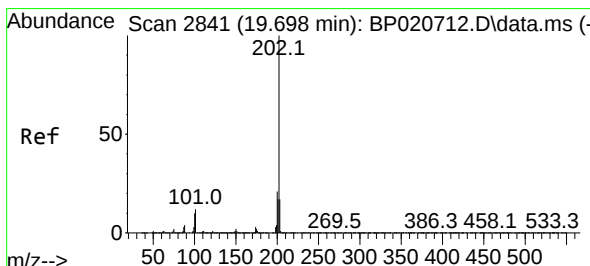
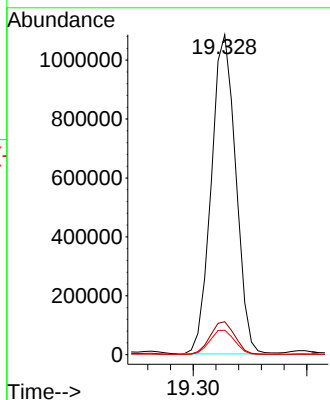
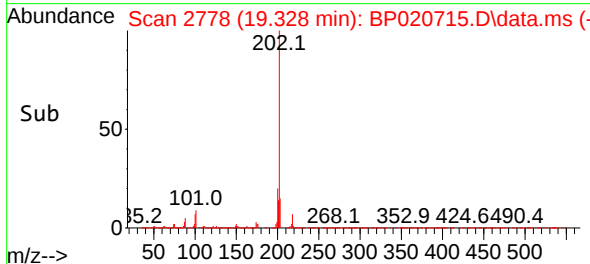
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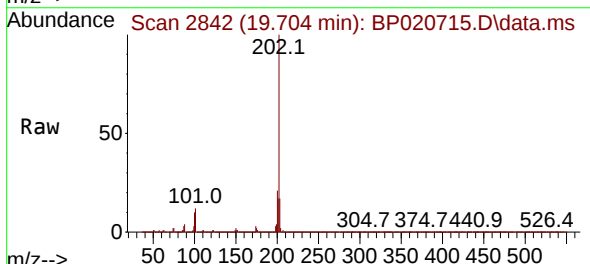
Tgt Ion:202 Resp: 1621650
Ion Ratio Lower Upper
202 100
101 10.3 8.2 12.4
100 7.6 6.6 10.0

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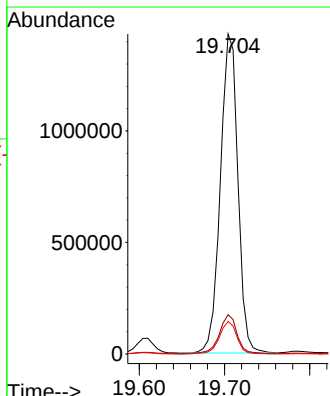
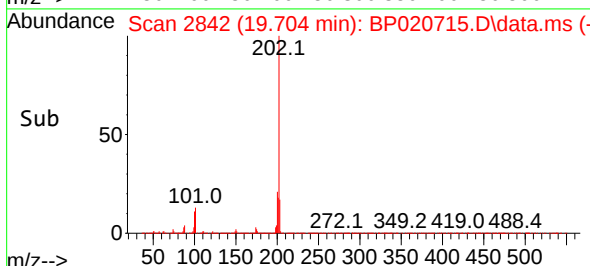
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

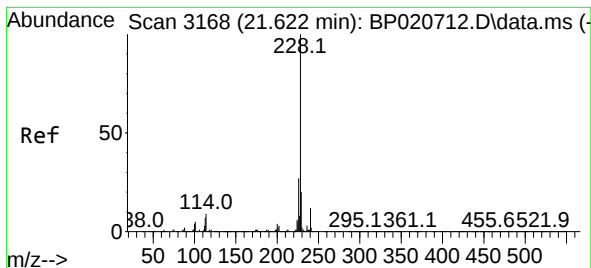


#82
Pyrene
Concen: 31.816 ng/ul
RT: 19.704 min Scan# 2842
Delta R.T. 0.006 min
Lab File: BP020715.D
Acq: 01 Jul 2024 12:39



Tgt Ion:202 Resp: 2041453
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 10.2 7.9 11.9





#85

Benzo(a)anthracene

Concen: 15.679 ng/ul m

RT: 21.622 min Scan# 3168

Delta R.T. 0.000 min

Lab File: BP020715.D

Acq: 01 Jul 2024 12:39

Instrument :

BNA_P

ClientSampleId :

C0T61DL

Tgt Ion:228 Resp: 936932

Ion Ratio Lower Upper

228 100

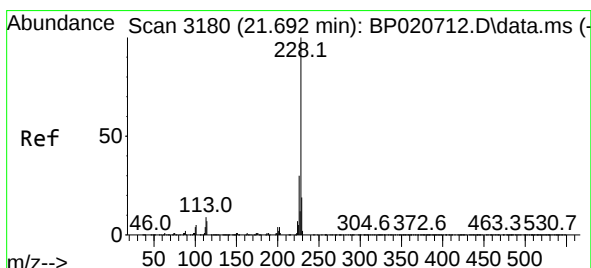
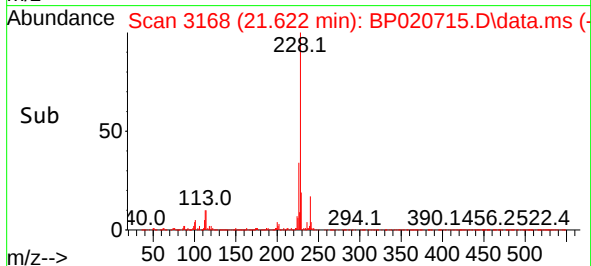
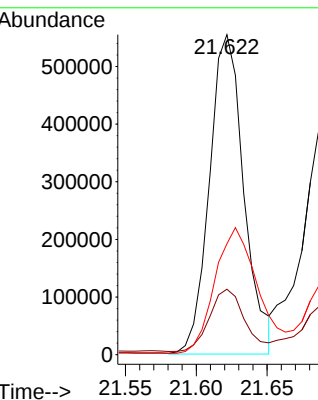
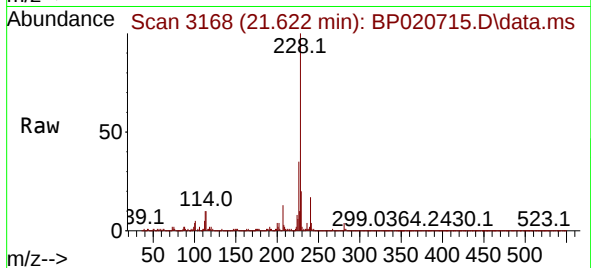
229 20.5 15.2 22.8

226 34.6 21.1 31.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#87

Chrysene

Concen: 13.868 ng/ul

RT: 21.692 min Scan# 3180

Delta R.T. 0.000 min

Lab File: BP020715.D

Acq: 01 Jul 2024 12:39

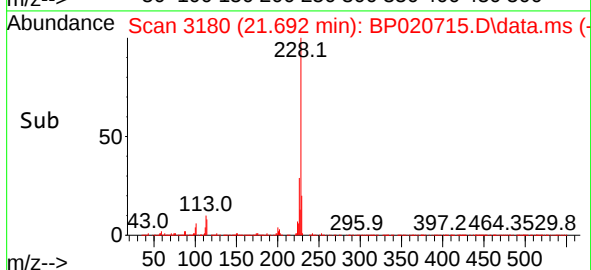
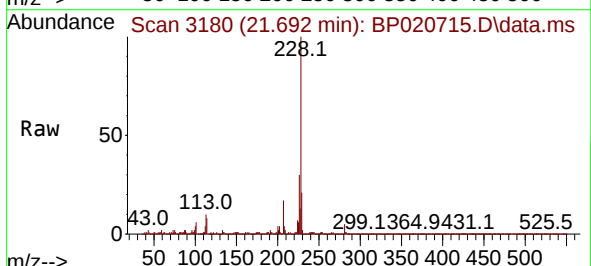
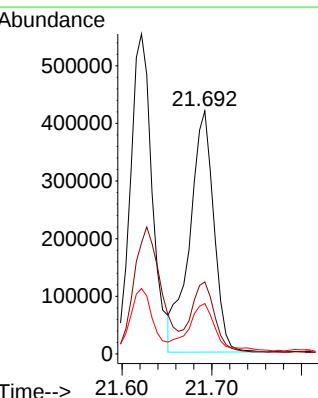
Tgt Ion:228 Resp: 783323

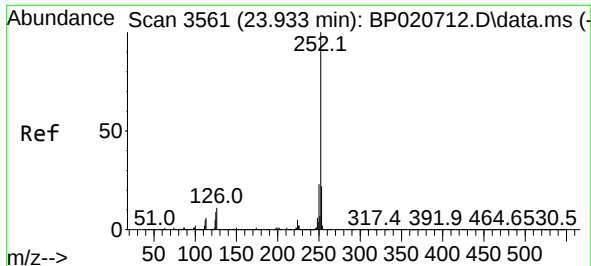
Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

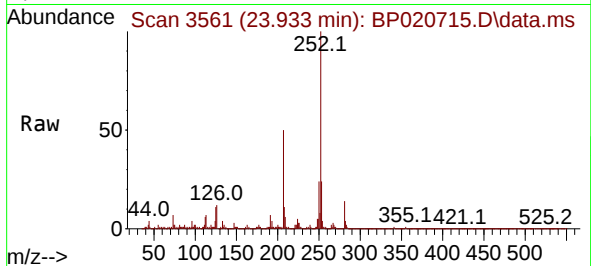
229 20.8 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 9.243 ng/ul
RT: 23.933 min Scan# 3561
Delta R.T. -0.006 min
Lab File: BP020715.D
Acq: 01 Jul 2024 12:39

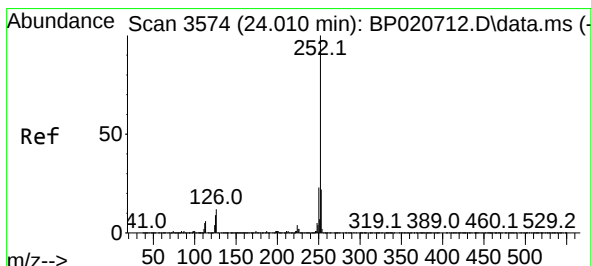
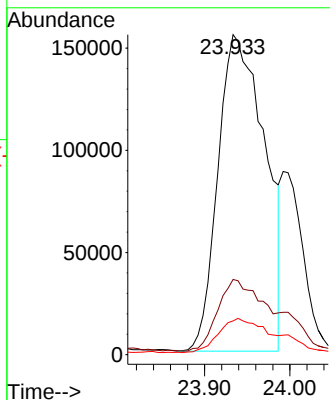
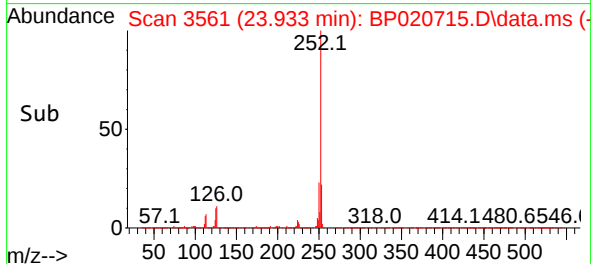
Instrument : BNA_P
ClientSampleId : C0T61DL



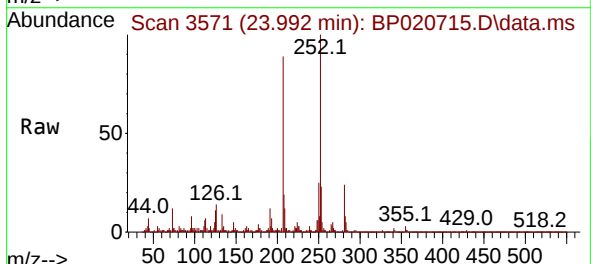
Tgt Ion:252 Resp: 591648
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 10.6 7.9 11.9

Manual Integrations
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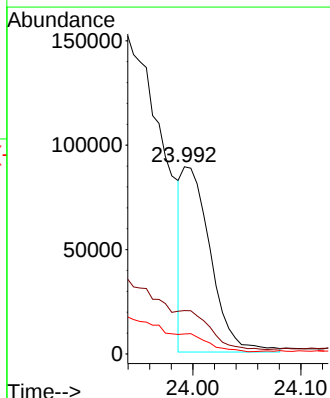
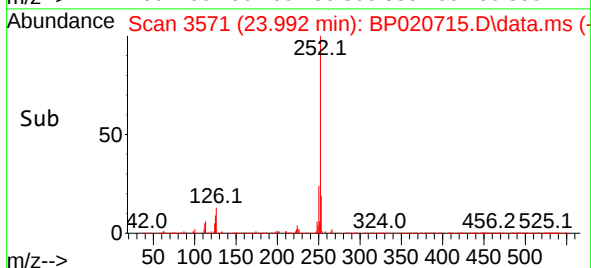
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

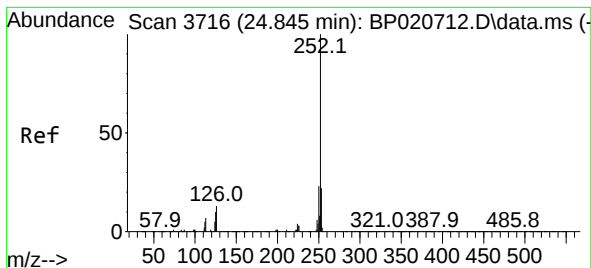


#91
Benzo(k)fluoranthene
Concen: 2.511 ng/ul m
RT: 23.992 min Scan# 3571
Delta R.T. -0.012 min
Lab File: BP020715.D
Acq: 01 Jul 2024 12:39



Tgt Ion:252 Resp: 162589
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 10.7 7.9 11.9





#93

Benzo(a)pyrene

Concen: 6.640 ng/ul

RT: 24.839 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP020715.D

Acq: 01 Jul 2024 12:39

Instrument :

BNA_P

ClientSampleId :

C0T61DL

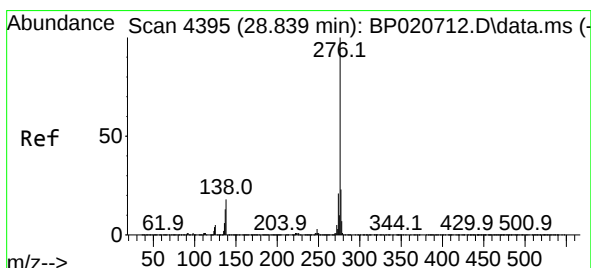
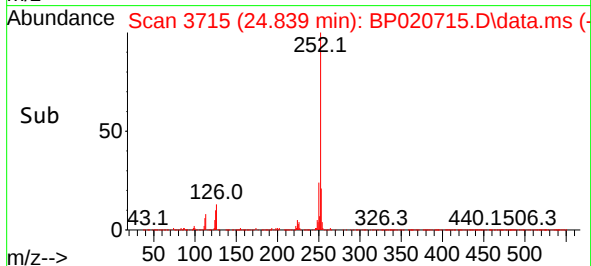
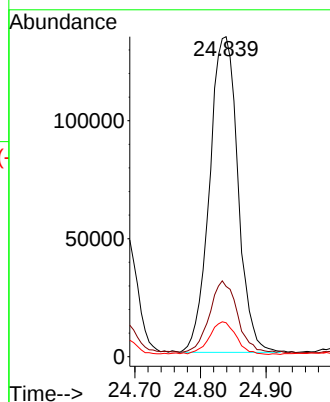
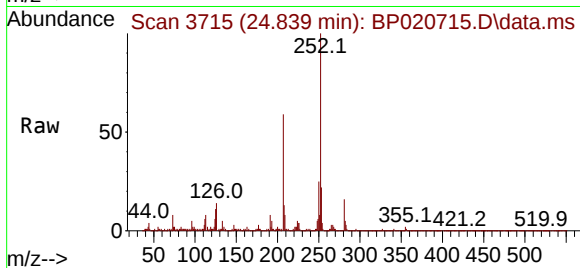
Tgt Ion:252 Resp: 401238

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.6	8.7	13.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.459 ng/ul m

RT: 28.792 min Scan# 4387

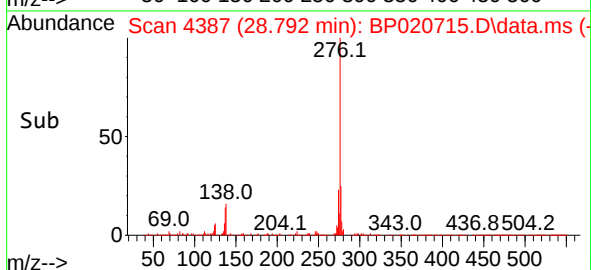
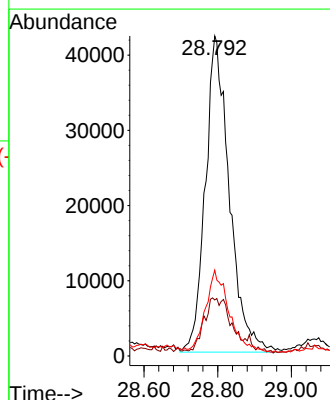
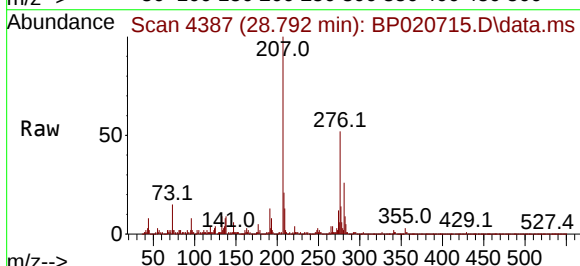
Delta R.T. -0.023 min

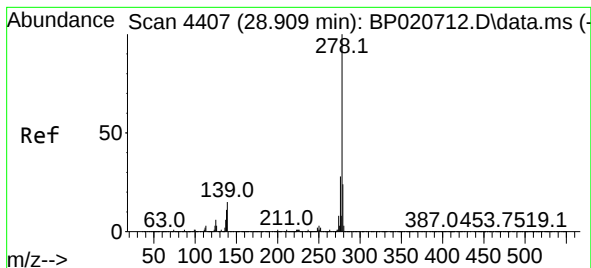
Lab File: BP020715.D

Acq: 01 Jul 2024 12:39

Tgt Ion:276 Resp: 190578

Ion	Ratio	Lower	Upper
276	100		
138	17.5	15.2	22.8
277	26.8	19.0	28.4





#95

Dibenzo(a,h)anthracene

Concen: 1.211 ng/ul m

RT: 28.845 min Scan# 4

Delta R.T. -0.053 min

Lab File: BP020715.D

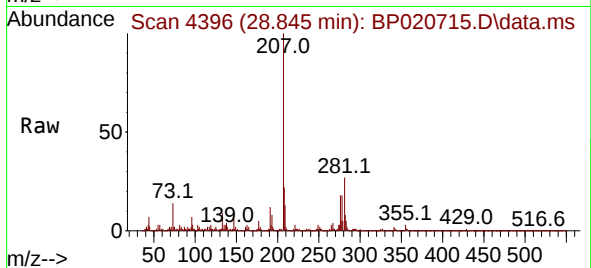
Acq: 01 Jul 2024 12:39

Instrument :

BNA_P

ClientSampleId :

C0T61DL



Tgt Ion:278 Resp: 7712

Ion Ratio Lower Upper

278 100

139 13.3 11.1 16.7

279 26.0 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024

Supervised By :mohammad ahmed 07/04/2024

