

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045850.D
 Acq On : 05 Jun 2024 14:57
 Operator : MA/JU
 Sample : P2586-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D20

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 06 01:52:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	243489	20.000	ng/u1	0.00
20) Naphthalene-d8	10.228	136	943980	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.104	164	516873	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.851	188	937185	20.000	ng/u1	0.00
79) Chrysene-d12	21.068	240	755390	20.000	ng/u1	0.00
88) Perylene-d12	23.791	264	857204	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	30551	4.865	ng/uL	0.00
4) Pyridine-d5	3.463	84	397939	24.609	ng/u1	0.00
7) Phenol-d5	6.722	99	676046	32.683	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	470458	31.673	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	543740	35.191	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	505786	32.365	ng/u1	0.00
21) Nitrobenzene-d5	8.628	128	270133	36.600	ng/u1	0.00
24) 2-Nitrophenol-d4	9.339	143	291122	38.973	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.886	165	489155	34.921	ng/u1	0.00
31) 4-Chloroaniline-d4	10.416	131	287219	14.815	ng/u1	0.00
46) Dimethylphthalate-d6	13.551	166	1312017	36.666	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	1514317	36.444	ng/u1	0.00
54) 4-Nitrophenol-d4	14.410	143	172132	22.290	ng/u1	0.00
60) Fluorene-d10	15.104	176	1055105	34.563	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	123314	25.767	ng/u1	0.00
73) Anthracene-d10	16.951	188	1484615	36.440	ng/u1	0.00
81) Pyrene-d10	19.251	212	1599857	34.056	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.609	264	1457373	36.377	ng/u1	0.00
Target Compounds						Qvalue
30) Naphthalene	10.281	128	58855	1.169	ng/u1	99
36) 2-Methylnaphthalene	11.904	142	51062	1.532	ng/u1	94
37) 1-Methylnaphthalene	12.122	142	50764	1.523	ng/u1	98
50) Acenaphthylene	13.827	152	80312	1.670	ng/u1#	96
72) Phenanthrene	16.892	178	532672	10.787	ng/u1	99
74) Anthracene	16.986	178	110033	2.231	ng/u1	98
77) Carbazole	17.274	167	68508	1.628	ng/u1#	95
80) Fluoranthene	18.915	202	1153314	20.251	ng/u1	99
82) Pyrene	19.280	202	1030532	17.612	ng/u1	100
83) Butylbenzylphthalate	20.209	149	37339	1.566	ng/u1	98
85) Benzo(a)anthracene	21.050	228	509234	9.763	ng/u1	93
86) Bis(2-ethylhexyl)phtha...	20.998	149	401548	11.334	ng/u1	100
87) Chrysene	21.103	228	628574	13.027	ng/u1	97
90) Benzo(b)fluoranthene	22.939	252	760635	14.439	ng/u1	98
91) Benzo(k)fluoranthene	22.992	252	269883m	5.245	ng/u1	
93) Benzo(a)pyrene	23.662	252	494764	10.688	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.791	276	356591	7.054	ng/u1	97
95) Dibenzo(a,h)anthracene	26.827	278	101379	2.536	ng/u1#	84
96) Benzo(g,h,i)perylene	27.727	276	353797	7.946	ng/u1	98

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

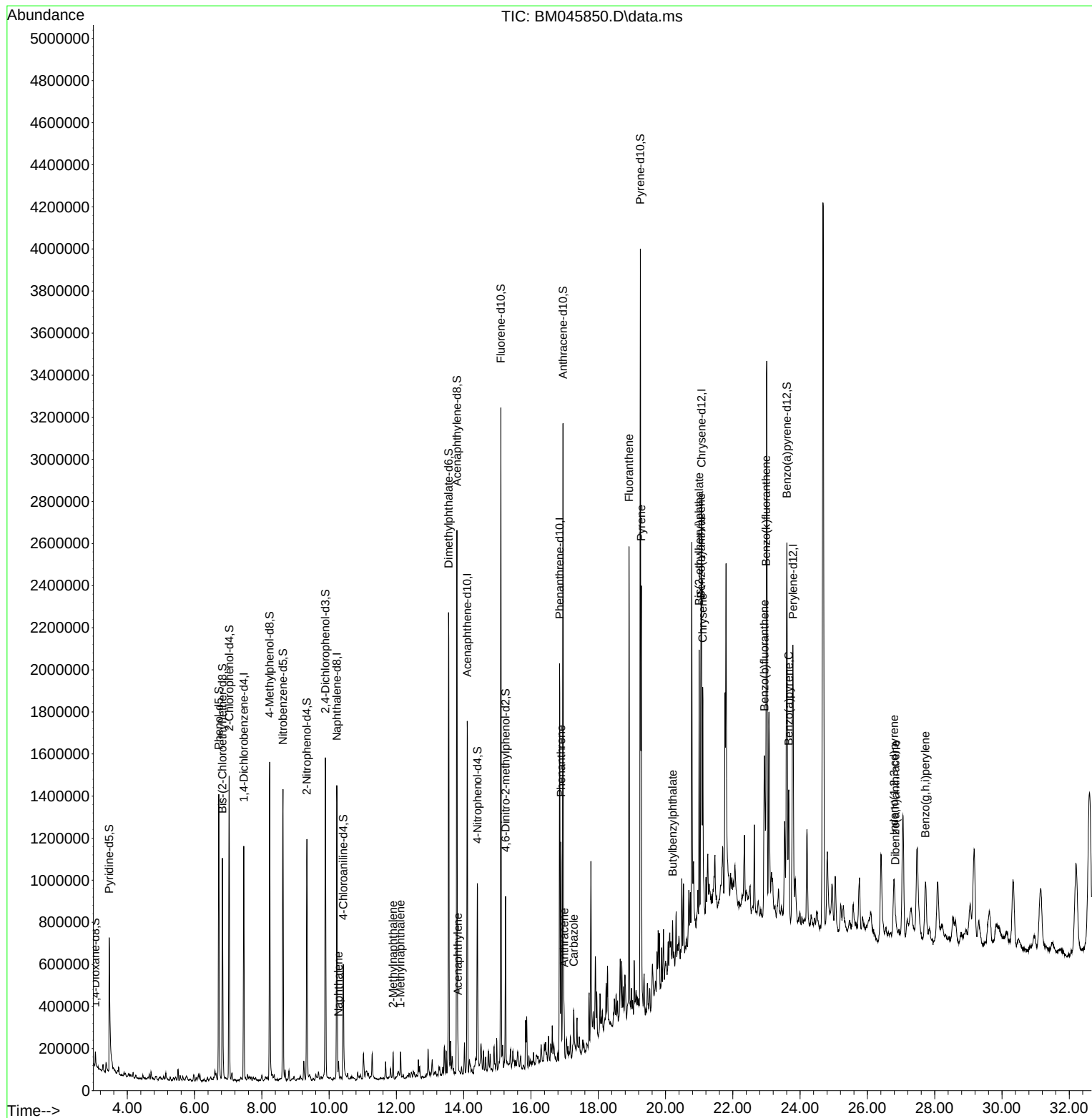
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
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 Operator : MA/JU
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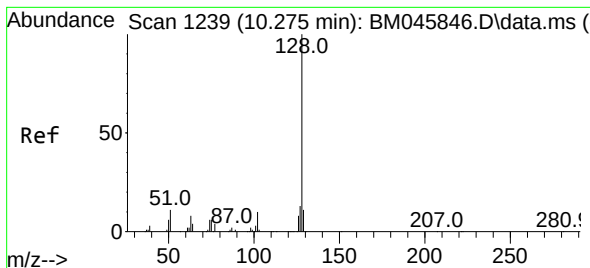
Instrument :
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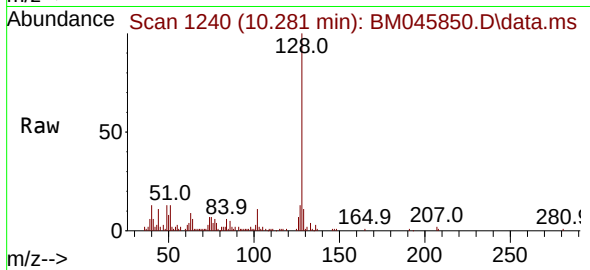
Quant Time: Jun 06 01:52:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 1.169 ng/ul
RT: 10.281 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BM045850.D
Acq: 05 Jun 2024 14:57

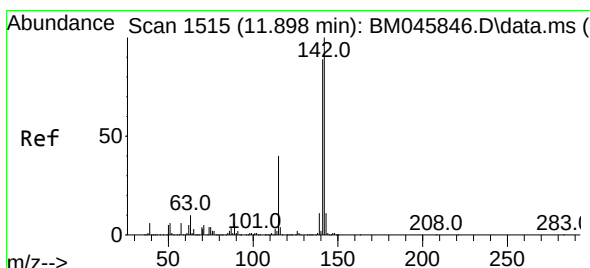
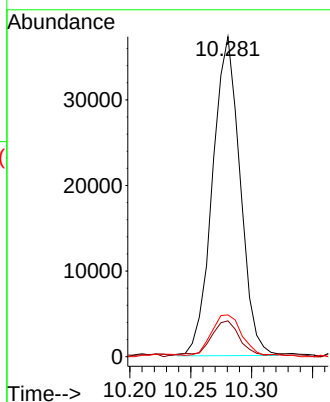
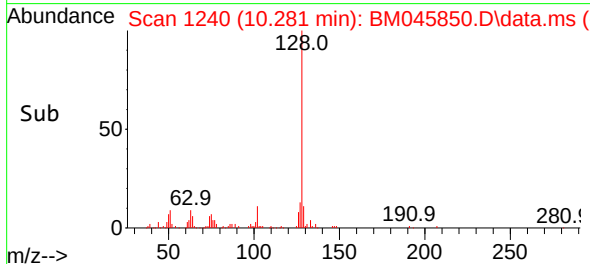
Instrument :
BNA_M
ClientSampleId :
A4D20



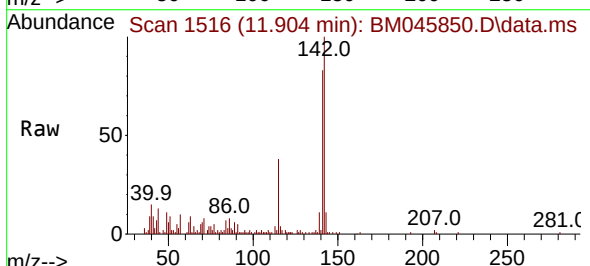
Tgt Ion:128 Resp: 5885
Ion Ratio Lower Upper
128 100
129 11.2 8.3 12.5
127 13.0 10.3 15.5

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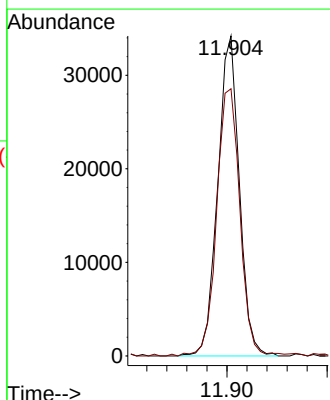
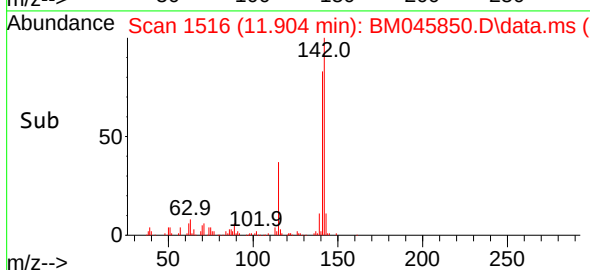
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

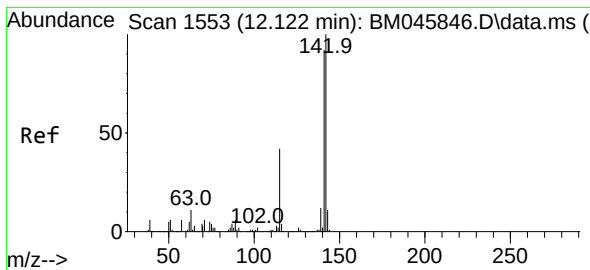


#36
2-Methylnaphthalene
Concen: 1.532 ng/ul
RT: 11.904 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BM045850.D
Acq: 05 Jun 2024 14:57



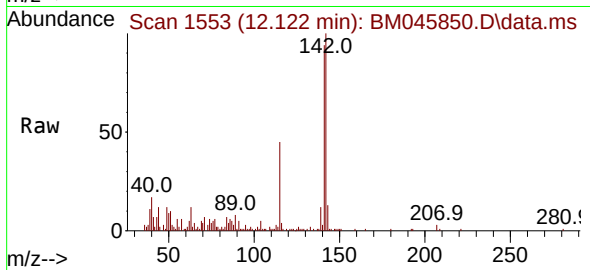
Tgt Ion:142 Resp: 51062
Ion Ratio Lower Upper
142 100
141 83.5 71.1 106.7





#37
1-Methylnaphthalene
Concen: 1.523 ng/ul
RT: 12.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM045850.D
Acq: 05 Jun 2024 14:57

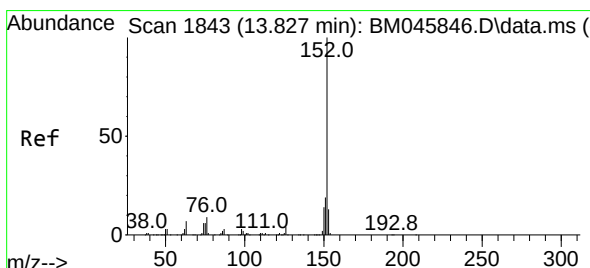
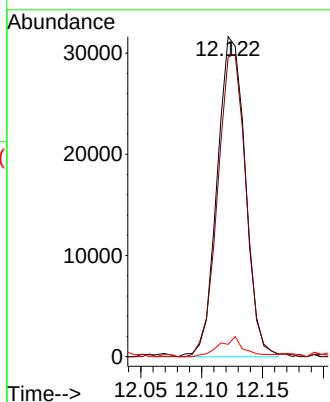
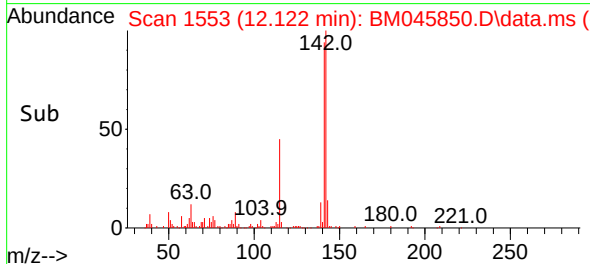
Instrument :
BNA_M
ClientSampleId :
A4D20



Tgt Ion:142 Resp: 50764
Ion Ratio Lower Upper
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141 93.7 73.5 110.3
116 3.8 3.3 4.9

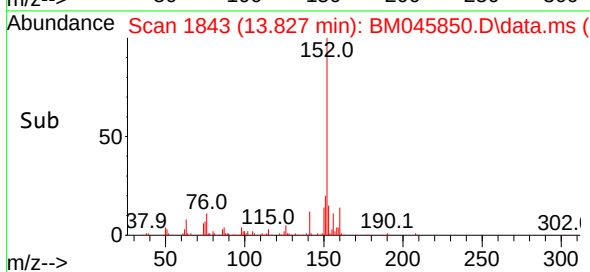
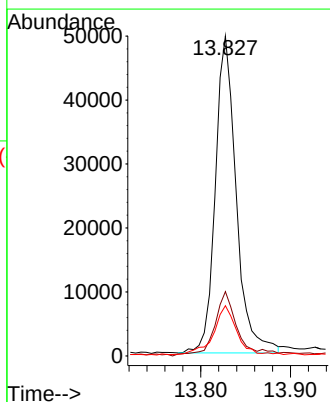
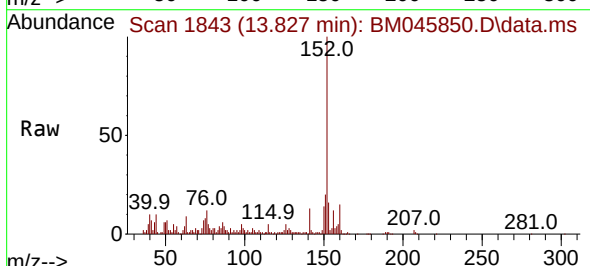
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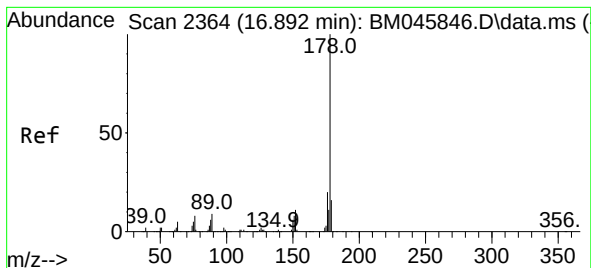
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#50
Acenaphthylene
Concen: 1.670 ng/ul
RT: 13.827 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM045850.D
Acq: 05 Jun 2024 14:57

Tgt Ion:152 Resp: 80312
Ion Ratio Lower Upper
152 100
151 20.1 15.6 23.4
153 15.7 10.4 15.6#





#72

Phenanthrene

Concen: 10.787 ng/ul

RT: 16.892 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045850.D

Acq: 05 Jun 2024 14:57

Instrument :

BNA_M

ClientSampleId :

A4D20

Tgt Ion:178 Resp: 532672

Ion Ratio Lower Upper

178 100

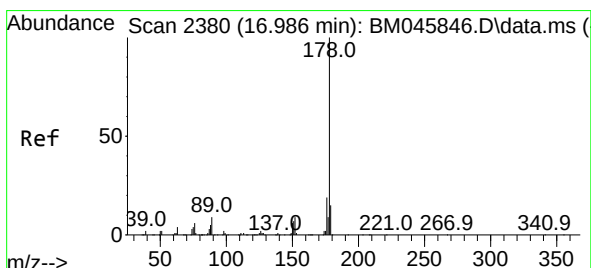
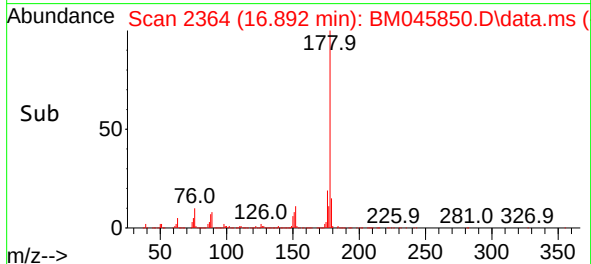
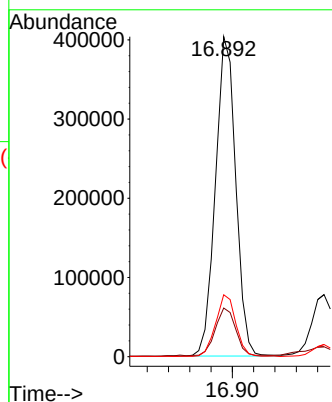
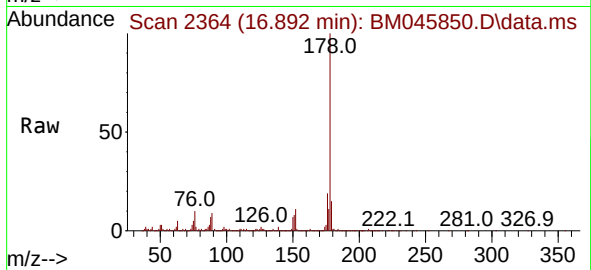
179 15.2 12.4 18.6

176 19.3 15.3 22.9

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#74

Anthracene

Concen: 2.231 ng/ul

RT: 16.986 min Scan# 2380

Delta R.T. -0.006 min

Lab File: BM045850.D

Acq: 05 Jun 2024 14:57

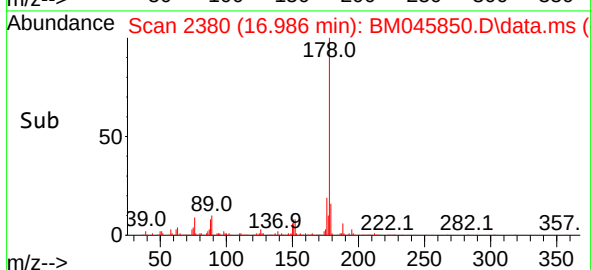
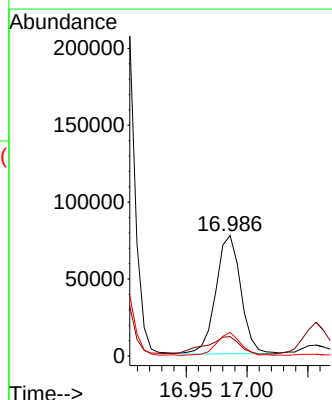
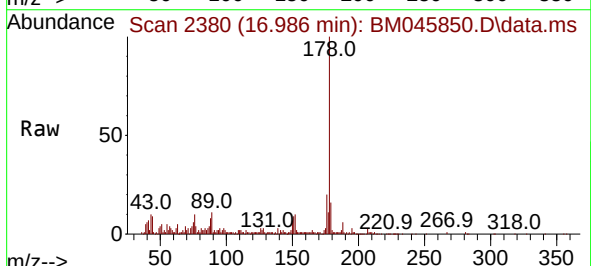
Tgt Ion:178 Resp: 110033

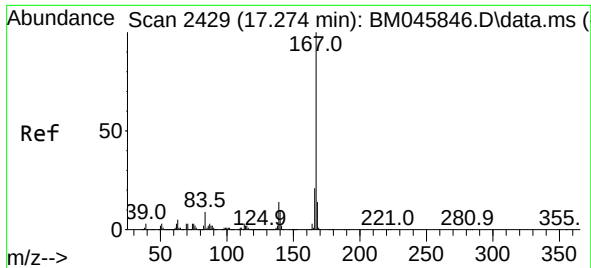
Ion Ratio Lower Upper

178 100

179 16.1 12.0 18.0

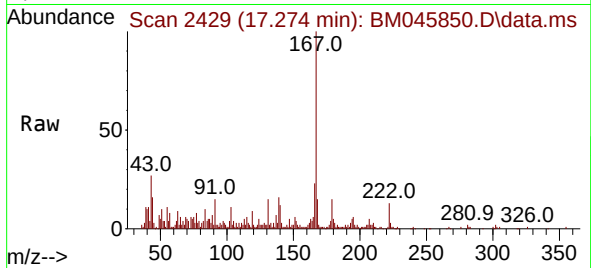
176 19.5 15.0 22.6





#77
 Carbazole
 Concen: 1.628 ng/ul
 RT: 17.274 min Scan# 2429
 Delta R.T. -0.006 min
 Lab File: BM045850.D
 Acq: 05 Jun 2024 14:57

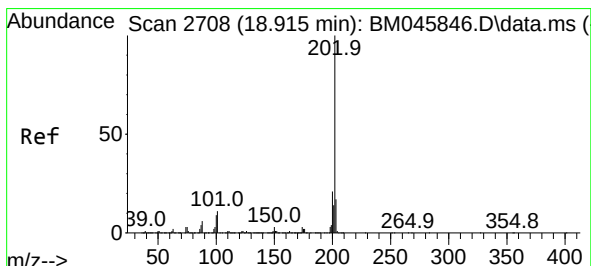
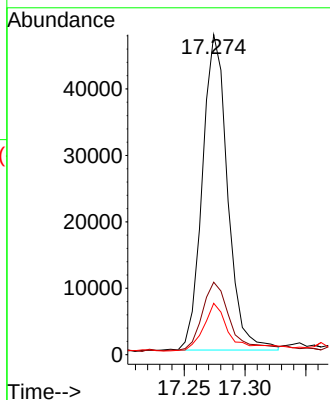
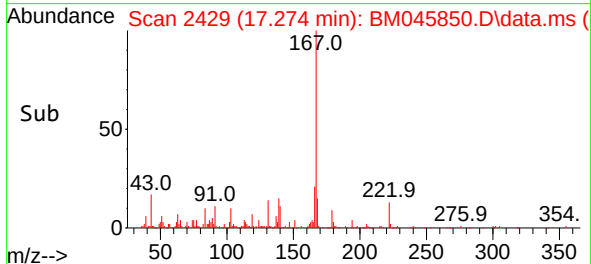
Instrument :
 BNA_M
 ClientSampleId :
 A4D20



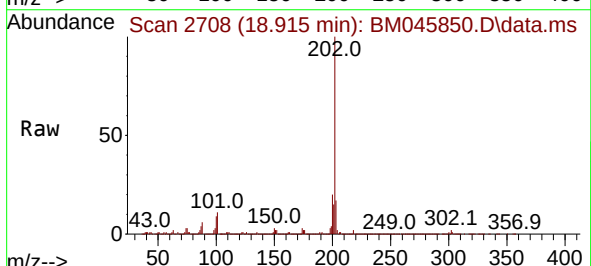
Tgt Ion:167 Resp: 68508
 Ion Ratio Lower Upper
 167 100
 166 22.6 16.6 24.8
 139 16.0 10.6 16.0

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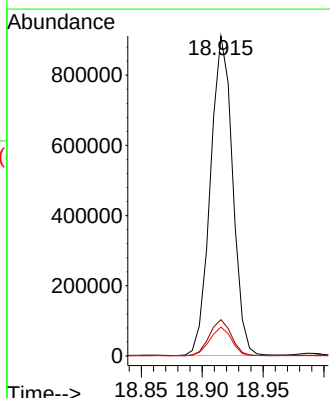
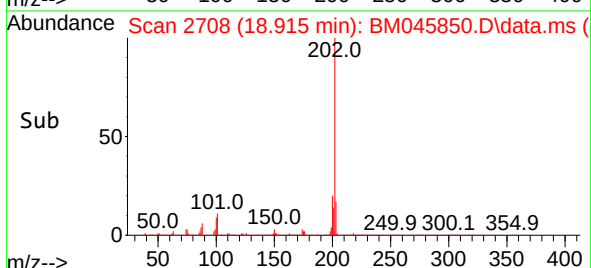
Reviewed By :Jagrut Upadhyay 06/06/2024
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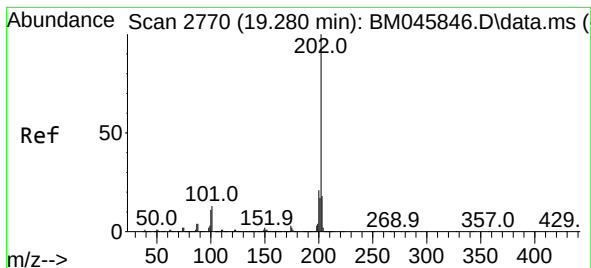


#80
 Fluoranthene
 Concen: 20.251 ng/ul
 RT: 18.915 min Scan# 2708
 Delta R.T. -0.006 min
 Lab File: BM045850.D
 Acq: 05 Jun 2024 14:57



Tgt Ion:202 Resp: 1153314
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.9 13.3
 100 9.0 6.6 10.0





#82

Pyrene

Concen: 17.612 ng/ul

RT: 19.280 min Scan# 2770

Delta R.T. -0.006 min

Lab File: BM045850.D

Acq: 05 Jun 2024 14:57

Instrument :

BNA_M

ClientSampleId :

A4D20

Tgt Ion:202 Resp: 103053

Ion Ratio Lower Upper

202 100

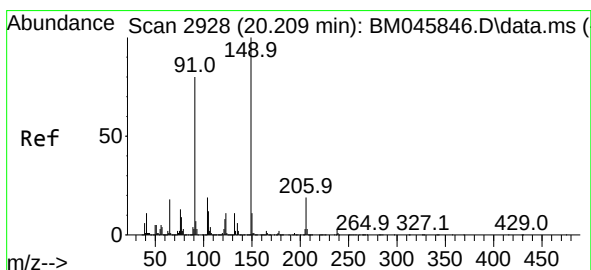
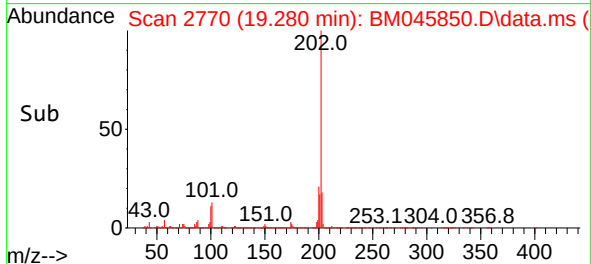
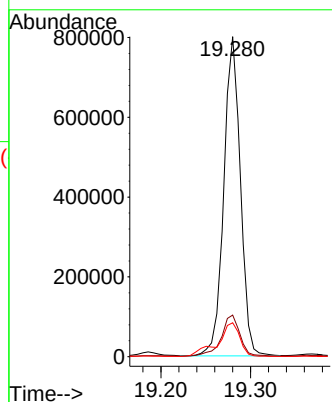
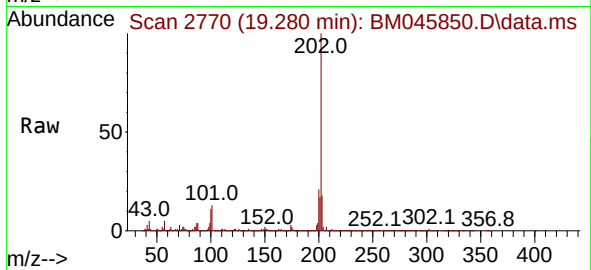
101 13.0 10.5 15.7

100 10.6 8.6 12.8

Manual Integrations

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Supervised By :mohammad ahmed 06/07/2024



#83

Butylbenzylphthalate

Concen: 1.566 ng/ul

RT: 20.209 min Scan# 2928

Delta R.T. -0.006 min

Lab File: BM045850.D

Acq: 05 Jun 2024 14:57

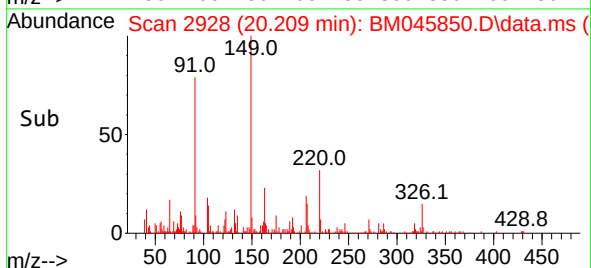
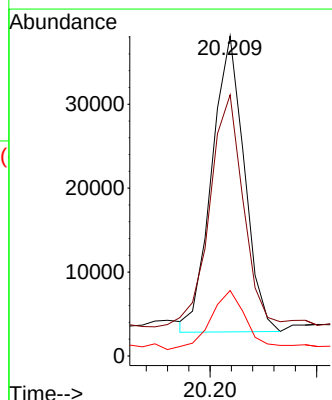
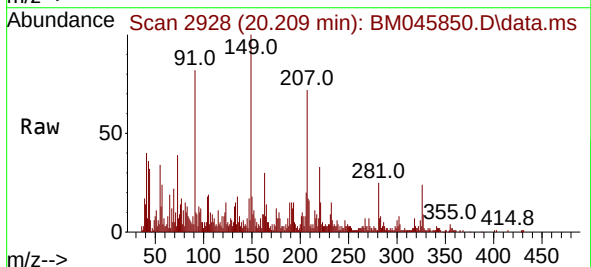
Tgt Ion:149 Resp: 37339

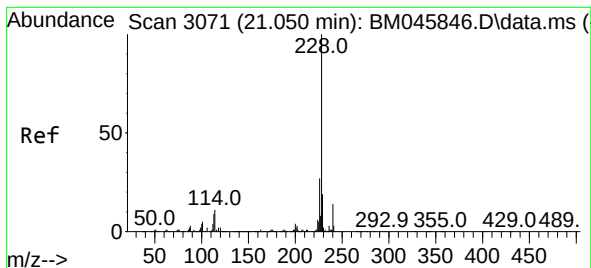
Ion Ratio Lower Upper

149 100

91 81.6 63.7 95.5

206 20.4 15.9 23.9





#85

Benzo(a)anthracene

Concen: 9.763 ng/ul

RT: 21.050 min Scan# 3071

Delta R.T. 0.000 min

Lab File: BM045850.D

Acq: 05 Jun 2024 14:57

Instrument :

BNM_M

ClientSampleId :

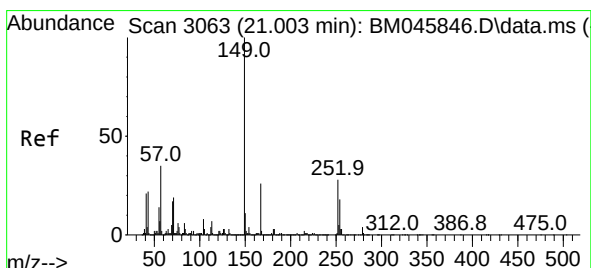
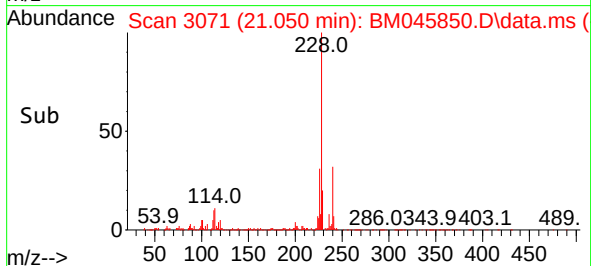
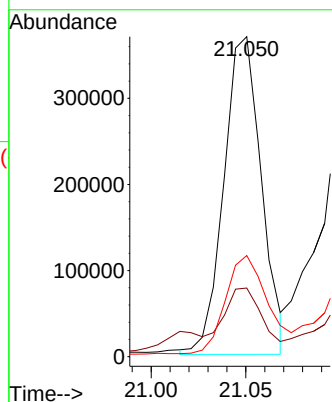
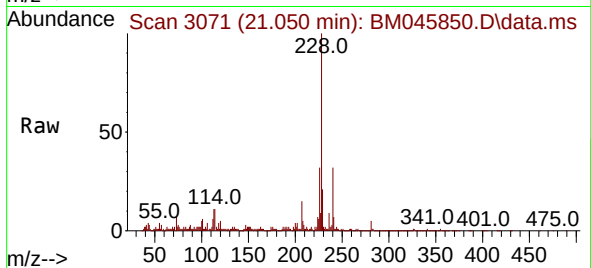
A4D20

Tgt Ion:	228	Resp:	509234
Ion Ratio	Lower	Upper	
228	100		
229	21.5	15.8	23.8
226	31.6	21.4	32.0

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 11.334 ng/ul

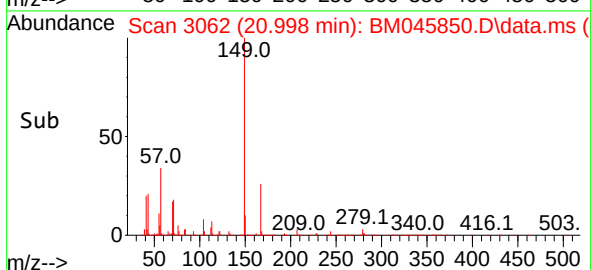
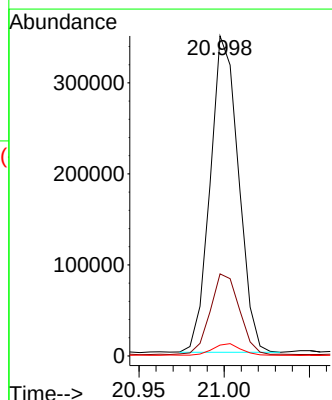
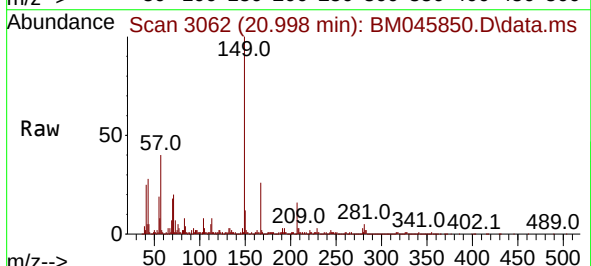
RT: 20.998 min Scan# 3062

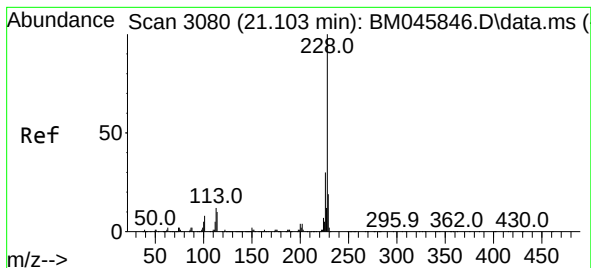
Delta R.T. -0.012 min

Lab File: BM045850.D

Acq: 05 Jun 2024 14:57

Tgt Ion:	149	Resp:	401548
Ion Ratio	Lower	Upper	
149	100		
167	25.6	20.4	30.6
279	3.4	3.1	4.7





#87

Chrysene

Concen: 13.027 ng/ul

RT: 21.103 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BM045850.D

Acq: 05 Jun 2024 14:57

Instrument :

BNA_M

ClientSampleId :

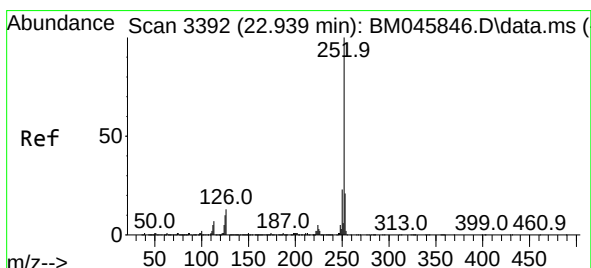
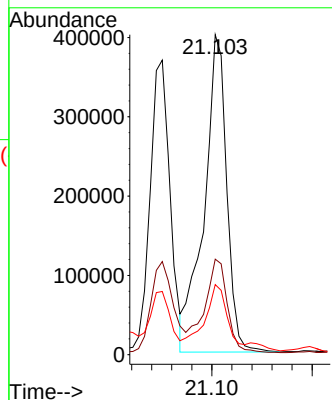
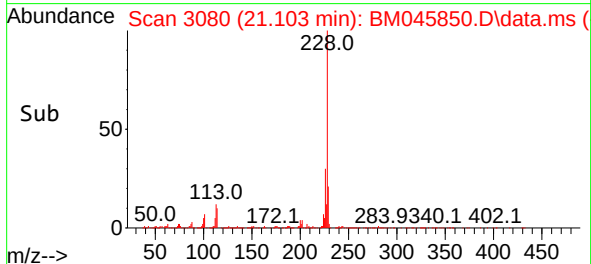
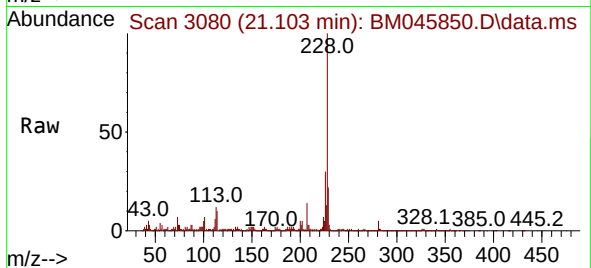
A4D20

Tgt Ion:	228	Resp:	628574
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.2	36.2
229	21.9	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#90

Benzo(b)fluoranthene

Concen: 14.439 ng/ul

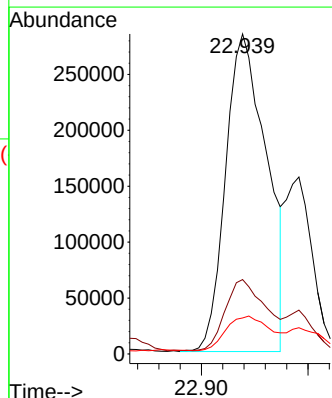
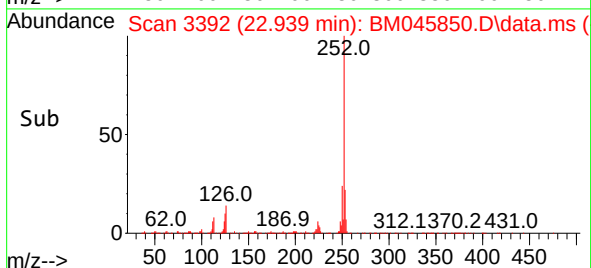
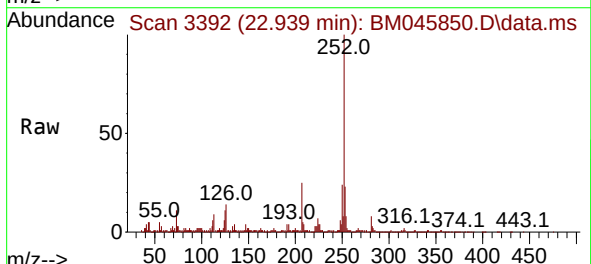
RT: 22.939 min Scan# 3392

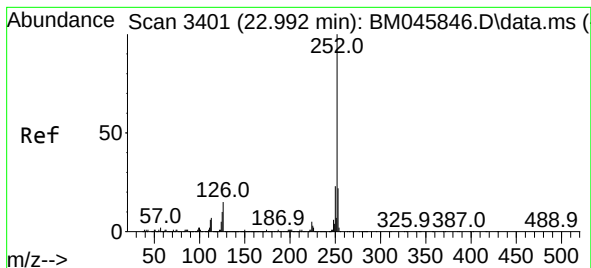
Delta R.T. 0.000 min

Lab File: BM045850.D

Acq: 05 Jun 2024 14:57

Tgt Ion:	252	Resp:	760635
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	11.2	8.4	12.6





#91

Benzo(k)fluoranthene

Concen: 5.245 ng/ul m

RT: 22.992 min Scan# 3401

Delta R.T. -0.006 min

Lab File: BM045850.D

Acq: 05 Jun 2024 14:57

Instrument :

BNA_M

ClientSampleId :

A4D20

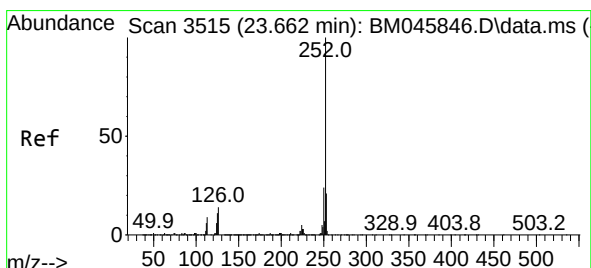
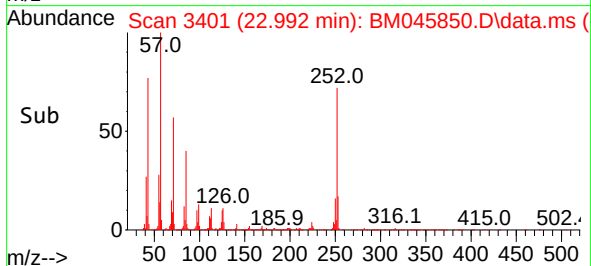
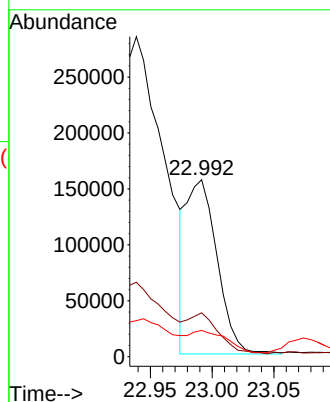
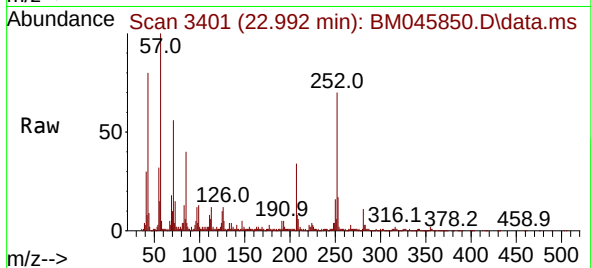
Tgt Ion:252 Resp: 26988

Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.8	25.2
125	14.8	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#93

Benzo(a)pyrene

Concen: 10.688 ng/ul

RT: 23.662 min Scan# 3515

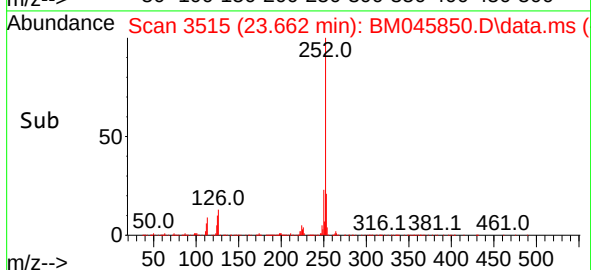
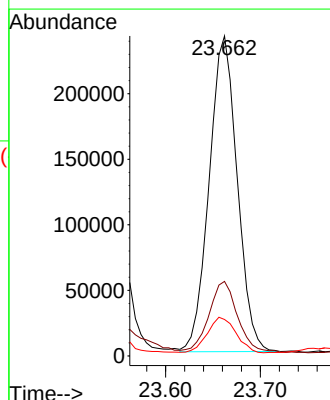
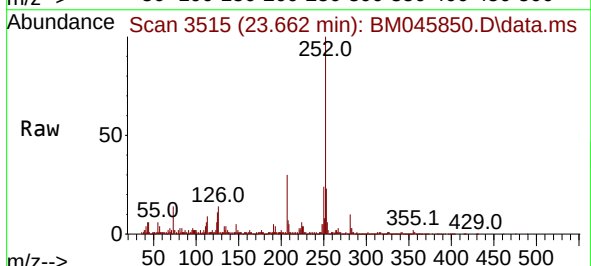
Delta R.T. 0.000 min

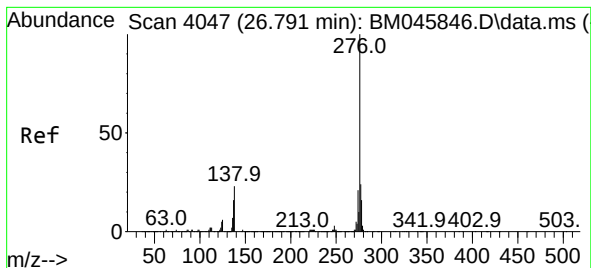
Lab File: BM045850.D

Acq: 05 Jun 2024 14:57

Tgt Ion:252 Resp: 494764

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	11.4	9.3	13.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.054 ng/ul

RT: 26.791 min Scan# 4047

Delta R.T. 0.000 min

Lab File: BM045850.D

Acq: 05 Jun 2024 14:57

Instrument :

BNA_M

ClientSampleId :

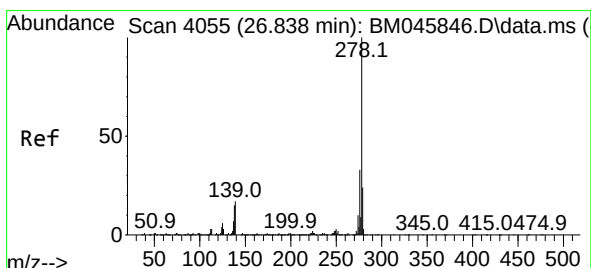
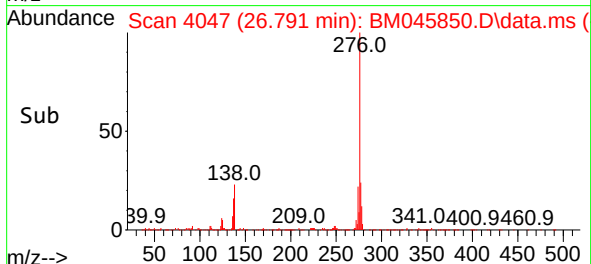
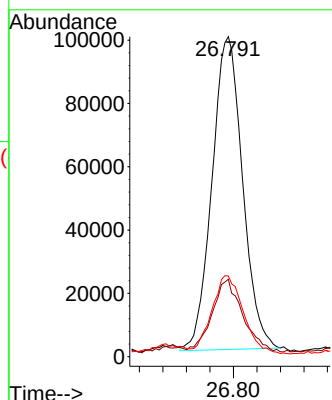
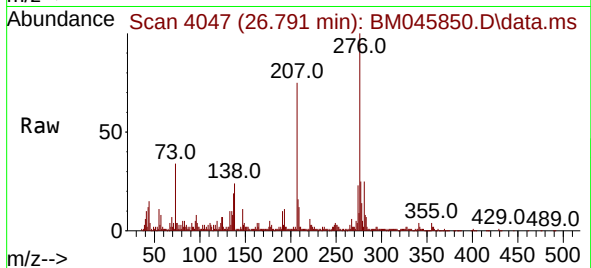
A4D20

Tgt Ion:	276	Resp:	35659
Ion Ratio	Lower	Upper	
276	100		
138	24.2	17.9	26.9
277	25.2	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.536 ng/ul

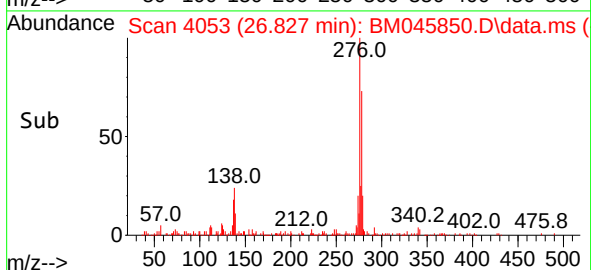
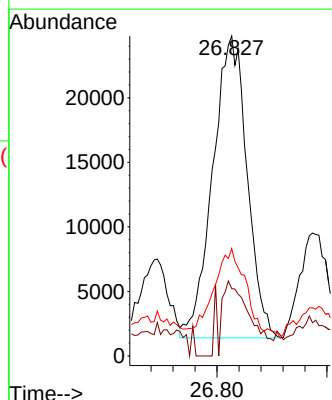
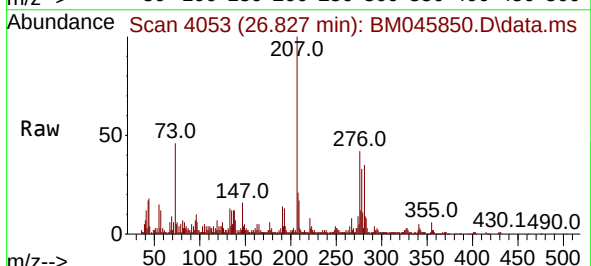
RT: 26.827 min Scan# 4053

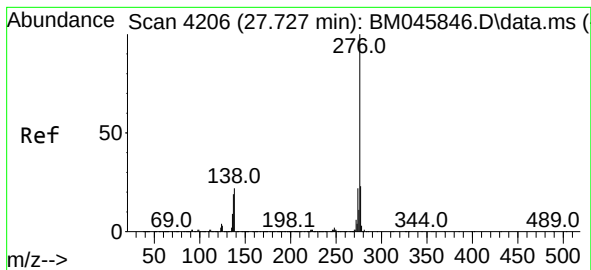
Delta R.T. -0.012 min

Lab File: BM045850.D

Acq: 05 Jun 2024 14:57

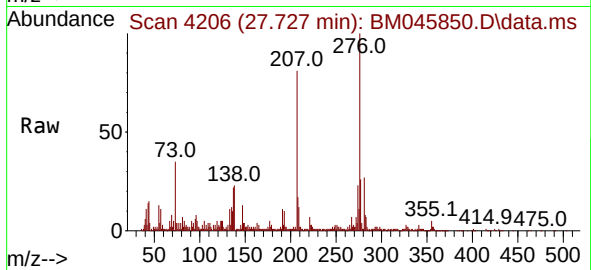
Tgt Ion:	278	Resp:	101379
Ion Ratio	Lower	Upper	
278	100		
139	21.1	13.2	19.8#
279	33.5	19.1	28.7#





#96
 Benzo(g,h,i)perylene
 Concen: 7.946 ng/ul
 RT: 27.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BM045850.D
 Acq: 05 Jun 2024 14:57

Instrument :
 BNA_M
 ClientSampleId :
 A4D20



Tgt Ion:	276	Resp:	35379
Ion Ratio	Lower	Upper	
276	100		
138	23.1	18.6	27.8
277	25.6	18.7	28.1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

