

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046192.D
 Acq On : 22 Jun 2024 11:35
 Operator : MA/JU
 Sample : P2775-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C93

Manual Integrations
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Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 22 12:39:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							06/24/2024 Supervised By :Jagrut Upadhyay
1) 1,4-Dichlorobenzene-d4	7.413	152	2376	0.400	ng/ul	-0.05	
4) Naphthalene-d8	10.183	136	7189	0.400	ng/ul	-0.07	
9) Acenaphthene-d10	14.058	164	4044	0.400	ng/ul	-0.05	
13) Phenanthrene-d10	16.804	188	10069m	0.400	ng/ul	-0.06	
17) Chrysene-d12	21.006	240	6612m	0.400	ng/ul	-0.04	
23) Perylene-d12	23.098	264	8541	0.400	ng/ul	-0.04	06/24/2024
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.025	96	12589	3.862	ng/ul	-0.02	
6) 2-Methylnaphthalene-d10	11.794	152	2902	0.301	ng/ul	-0.07	
18) Fluoranthene-d10	18.835	212	6671	0.337	ng/ul	-0.05	
Target Compounds							Qvalue
5) Naphthalene	10.233	128	14695	0.733	ng/ul		94
7) 2-Methylnaphthalene	11.866	142	5877	0.521	ng/ul		96
8) 1-Methylnaphthalene	12.086	142	4280	0.346	ng/ul		99
10) Acenaphthylene	13.776	152	34558	1.802	ng/ul		97
11) Acenaphthene	14.123	153	9387	0.678	ng/ul		99
12) Fluorene	15.117	166	12022	0.809	ng/ul		100
14) Pentachlorophenol	16.483	266	227	0.075	ng/ul		96
15) Phenanthrene	16.842	178	282771m	9.996	ng/ul		
16) Anthracene	16.934	178	59653m	2.831	ng/ul		
19) Fluoranthene	18.867	202	545350	19.049	ng/ul		96
20) Pyrene	19.230	202	404474	13.064	ng/ul		97
21) Benzo(a)anthracene	20.985	228	250699	9.816	ng/ul		99
22) Chrysene	21.041	228	270875	8.311	ng/ul		98
24) Benzo(b)fluoranthene	22.481	252	365564m	11.880	ng/ul		
25) Benzo(k)fluoranthene	22.516	252	149004m	4.073	ng/ul		
26) Benzo(a)pyrene	23.007	252	140366	4.923	ng/ul#		74
27) Indeno(1,2,3-cd)pyrene	25.142	276	142959	3.063	ng/ul#		94
28) Dibenzo(a,h)anthracene	25.145	278	48996	1.410	ng/ul#		91
29) Benzo(g,h,i)perylene	25.762	276	20637	0.516	ng/ul		93

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

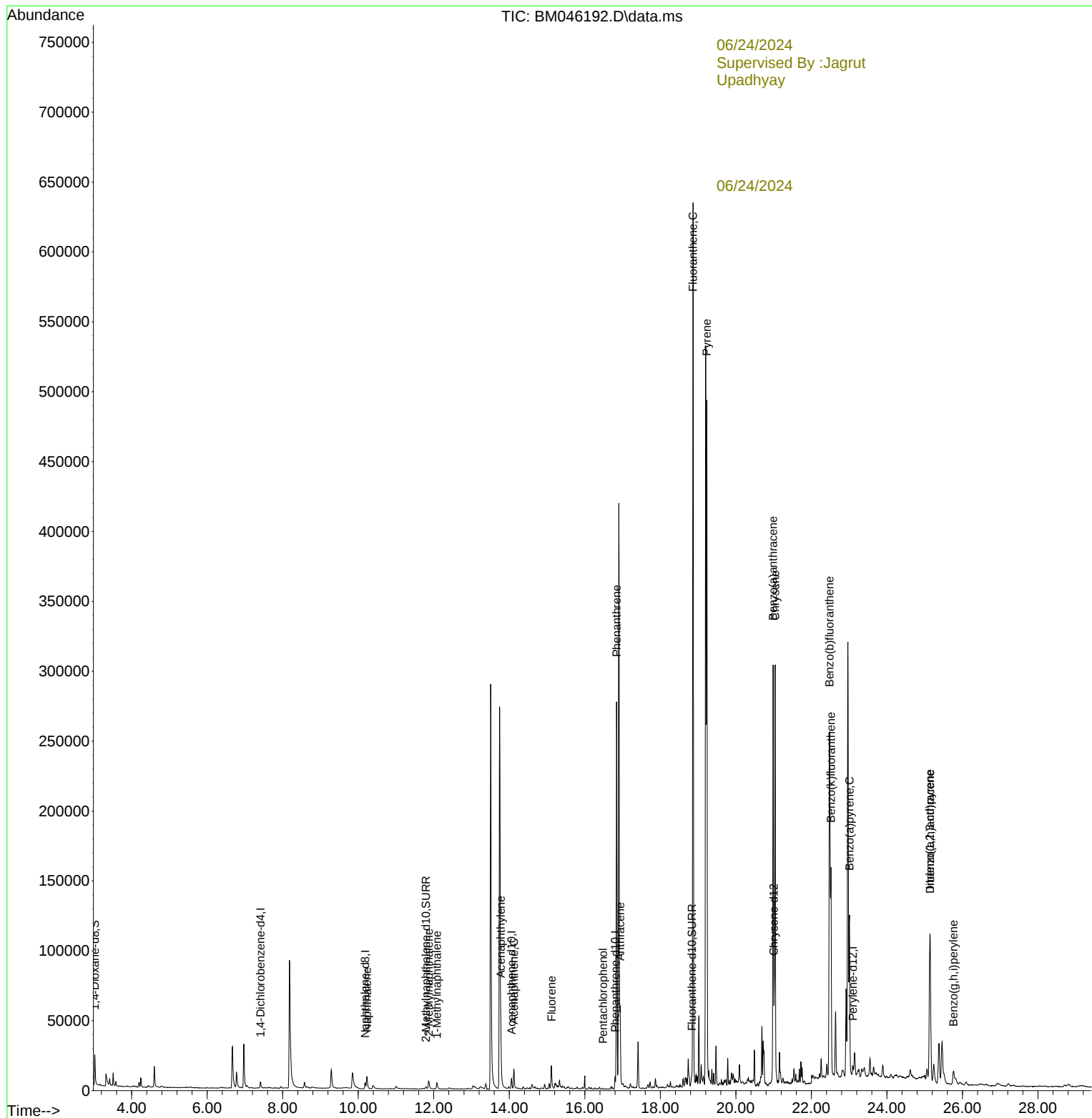
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046192.D
Acq On : 22 Jun 2024 11:35
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ALS Vial : 5 Sample Multiplier: 1

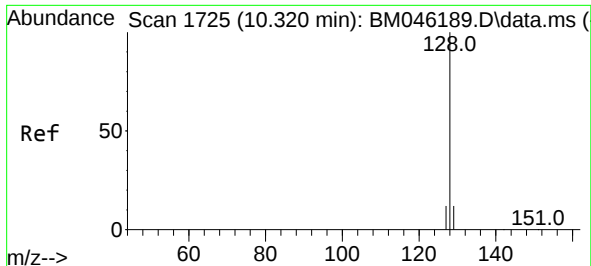
Instrument :
BNA_M
ClientSampleId :
A4C93

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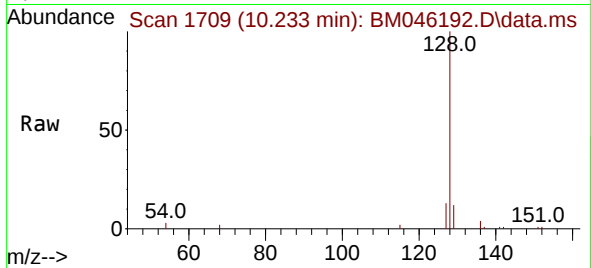
Quant Time: Jun 22 12:39:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.733 ng/ul
RT: 10.233 min Scan# 1725
Delta R.T. -0.070 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35

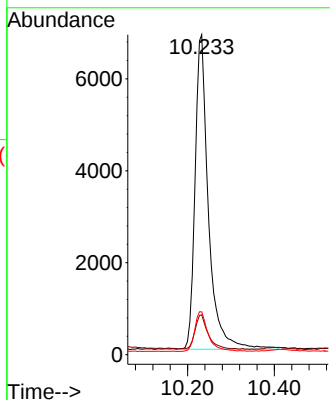
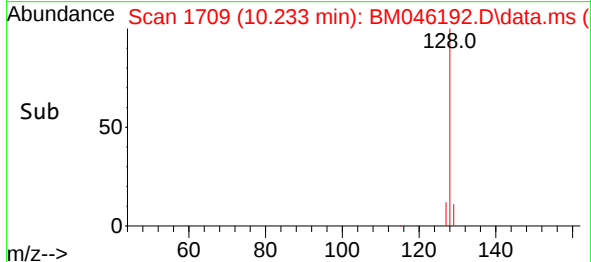
Instrument :
BNA_M
ClientSampleId :
A4C93



Tgt Ion:128 Resp: 1469
Ion Ratio Lower Upper
128 100
129 12.5 11.8 17.6
127 13.4 12.8 19.2

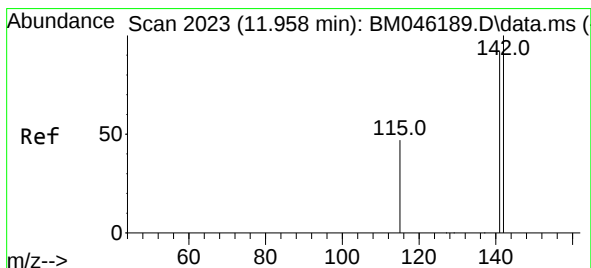
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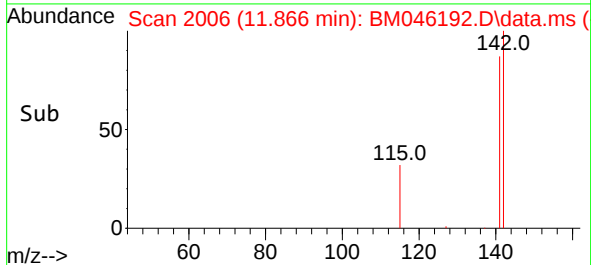
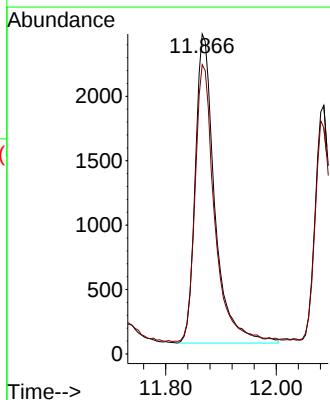
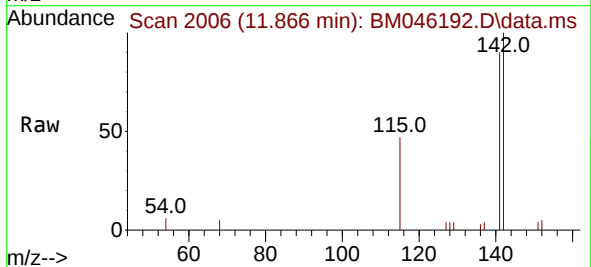
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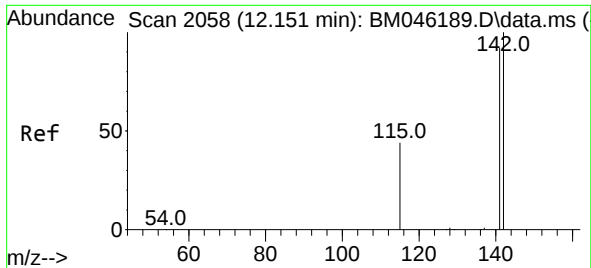
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#7
2-Methylnaphthalene
Concen: 0.521 ng/ul
RT: 11.866 min Scan# 2006
Delta R.T. -0.081 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35

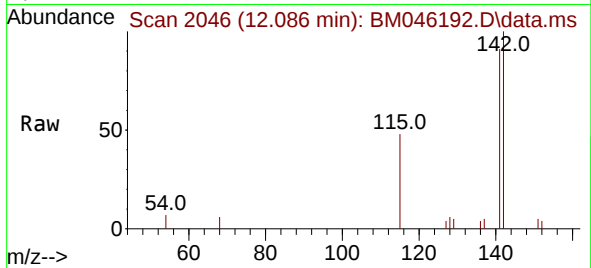
Tgt Ion:142 Resp: 5877
Ion Ratio Lower Upper
142 100
141 89.8 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.086 min Scan# 2058
Delta R.T. -0.065 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35

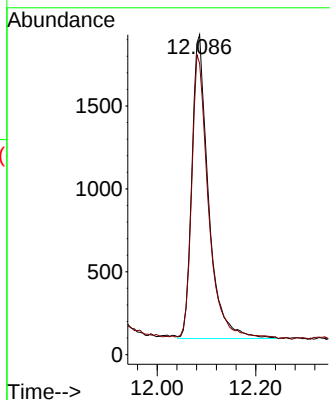
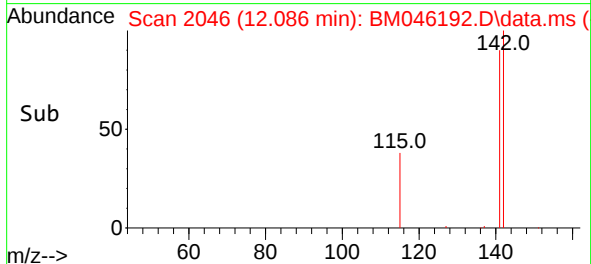
Instrument :
BNA_M
ClientSampleId :
A4C93



Tgt Ion:142 Resp: 4280
Ion Ratio Lower Upper
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141 94.8 75.2 112.8

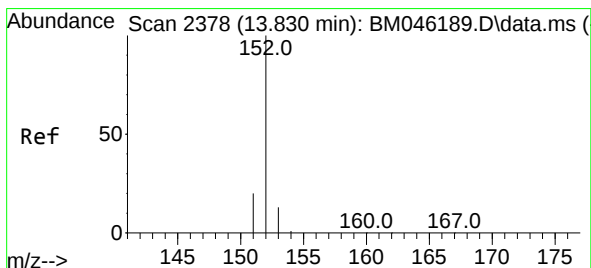
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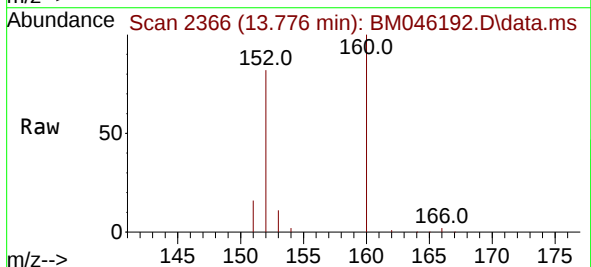


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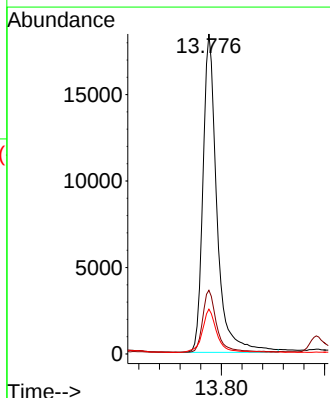
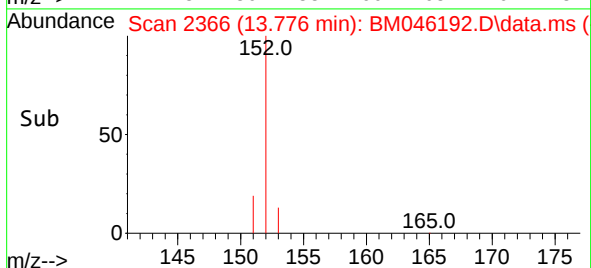
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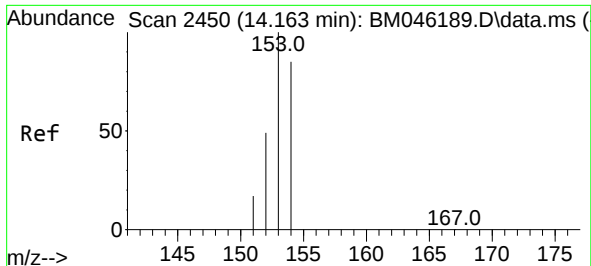


#10
Acenaphthylene
Concen: 1.802 ng/ul
RT: 13.776 min Scan# 2366
Delta R.T. -0.059 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35



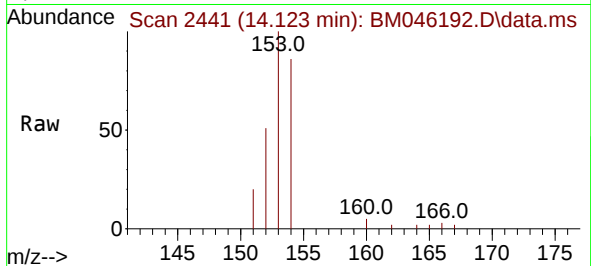
Tgt Ion:152 Resp: 34558
Ion Ratio Lower Upper
152 100
151 19.9 17.4 26.2
153 14.0 11.8 17.8





#11
Acenaphthene
Concen: 0.678 ng/ul
RT: 14.123 min Scan# 2450
Delta R.T. -0.049 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35

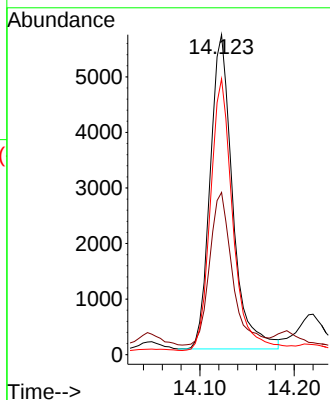
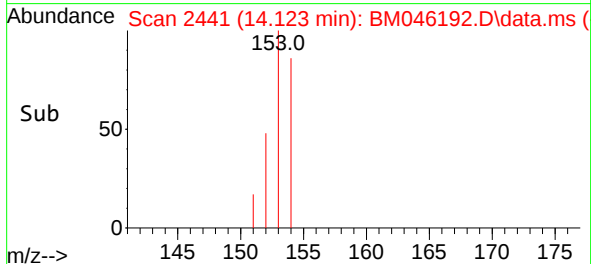
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 938
Ion Ratio Lower Upper
153 100
152 50.7 41.3 61.9
154 86.2 68.2 102.4

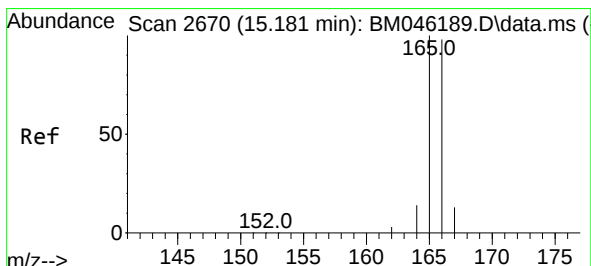
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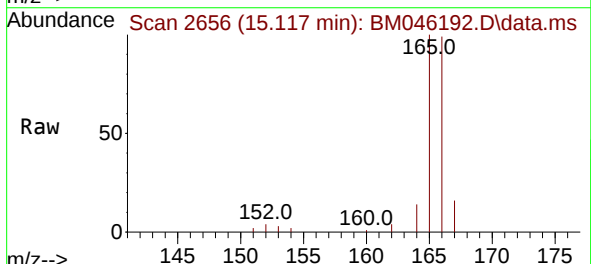


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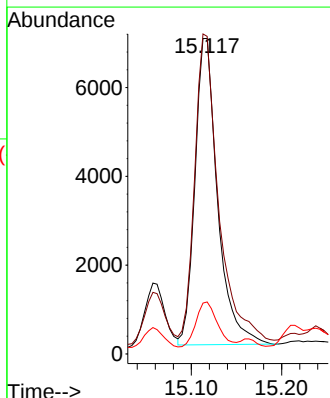
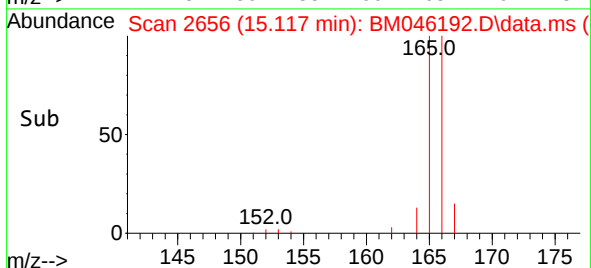
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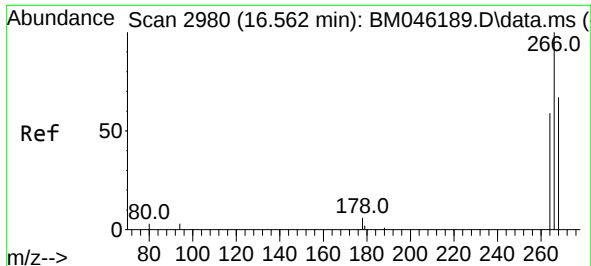


#12
Fluorene
Concen: 0.809 ng/ul
RT: 15.117 min Scan# 2656
Delta R.T. -0.063 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35



Tgt Ion:166 Resp: 12022
Ion Ratio Lower Upper
166 100
165 100.7 80.4 120.6
167 16.5 12.4 18.6





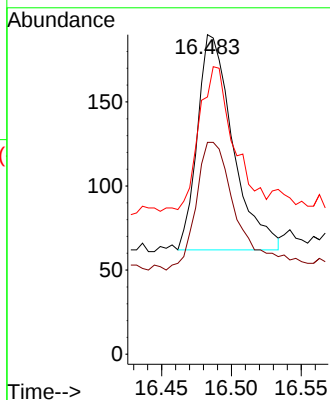
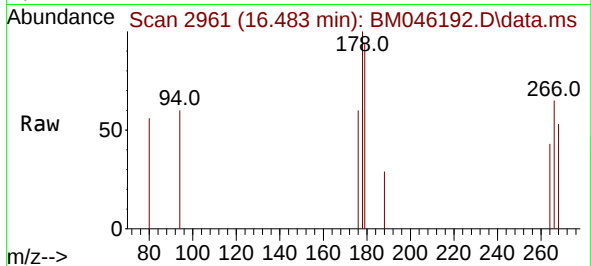
#14
Pentachlorophenol
Concen: 0.075 ng/ul
RT: 16.483 min Scan# 2980
Delta R.T. -0.083 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35

Instrument :
BNA_M
ClientSampleId :
A4C93

Tgt Ion:266	Resp:	227
Ion Ratio	Lower	Upper
266	100	
264	58.6	50.9 76.3
268	63.4	52.3 78.5

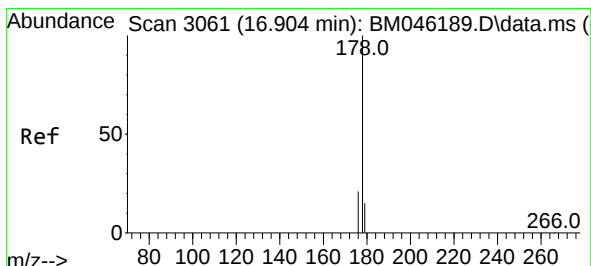
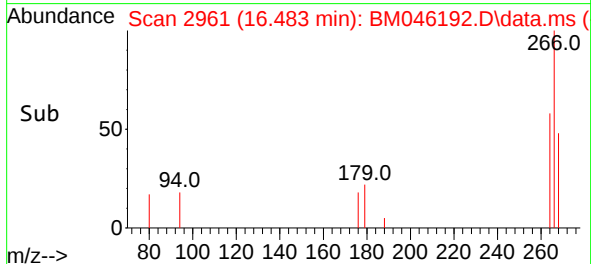
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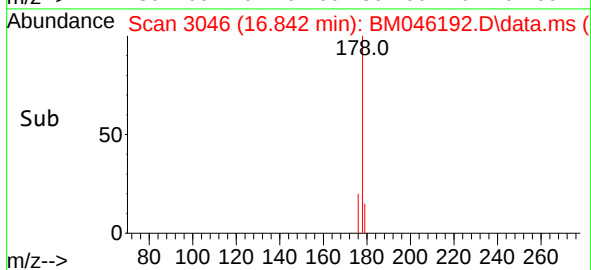
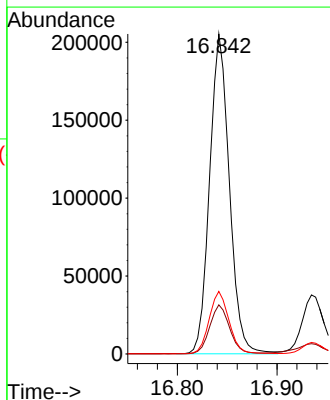
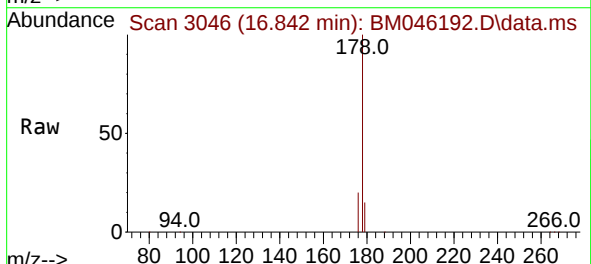
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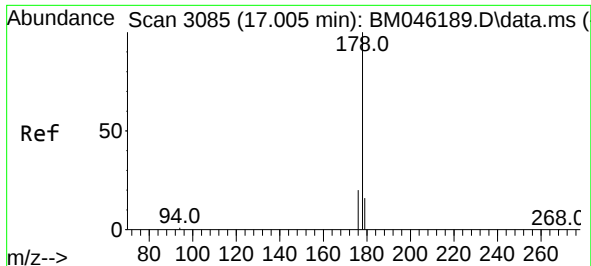
06/24/2024



#15
Phenanthrene
Concen: 9.996 ng/ul m
RT: 16.842 min Scan# 3046
Delta R.T. -0.062 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35

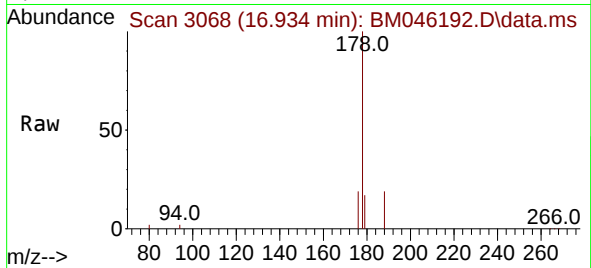
Tgt Ion:178	Resp:	282771
Ion Ratio	Lower	Upper
178	100	
179	15.4	14.2 21.2
176	19.6	17.1 25.7





#16
 Anthracene
 Concen: 2.831 ng/ul m
 RT: 16.934 min Scan# 3085
 Delta R.T. -0.070 min
 Lab File: BM046192.D
 Acq: 22 Jun 2024 11:35

Instrument :
 BNA_M
 ClientSampleId :
 A4C93



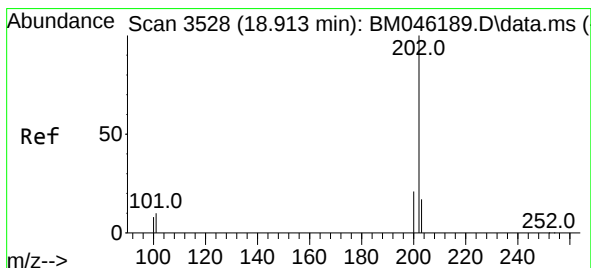
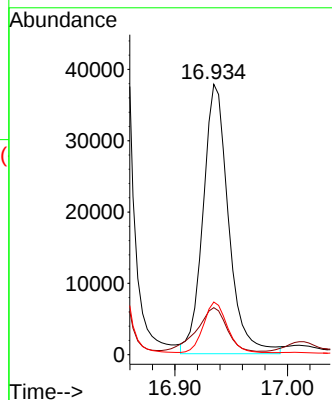
Tgt Ion:178 Resp: 5965
 Ion Ratio Lower Upper
 178 100
 179 17.4 14.9 22.3
 176 19.4 17.0 25.4

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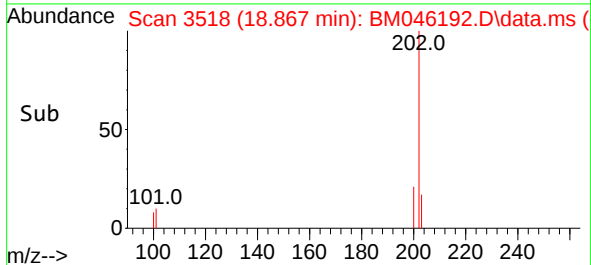
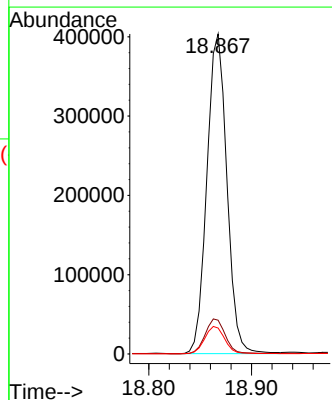
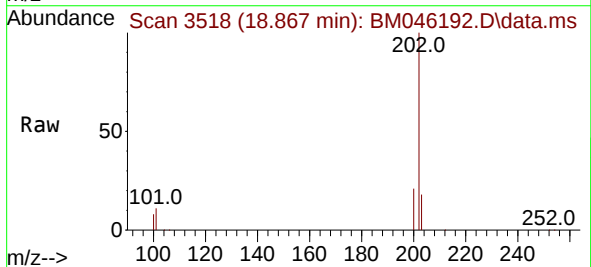
06/24/2024
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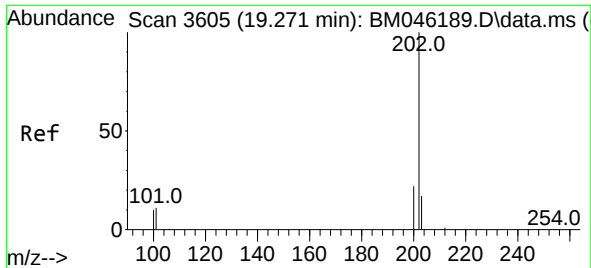
06/24/2024



#19
 Fluoranthene
 Concen: 19.049 ng/ul
 RT: 18.867 min Scan# 3518
 Delta R.T. -0.050 min
 Lab File: BM046192.D
 Acq: 22 Jun 2024 11:35

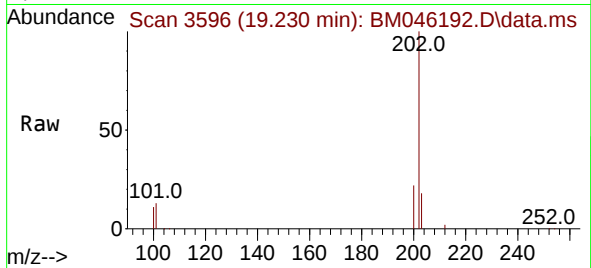
Tgt Ion:202 Resp: 545350
 Ion Ratio Lower Upper
 202 100
 101 10.6 9.6 14.4
 100 8.1 7.6 11.4





#20
Pyrene
Concen: 13.064 ng/ul
RT: 19.230 min Scan# 31
Delta R.T. -0.045 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35

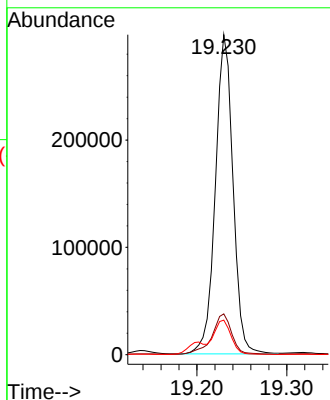
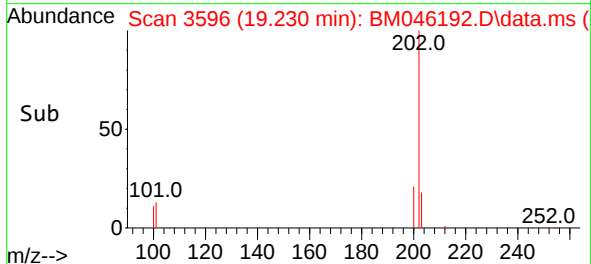
Instrument :
BNA_M
ClientSampleId :
A4C93



Tgt Ion:202 Resp: 404474
Ion Ratio Lower Upper
202 100
101 12.8 11.3 16.9
100 10.8 9.8 14.6

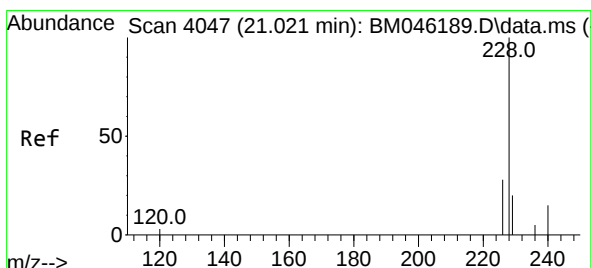
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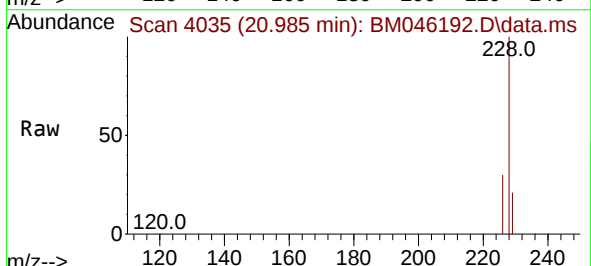


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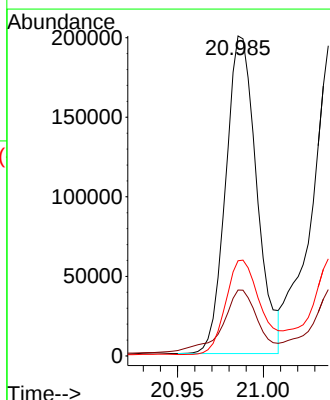
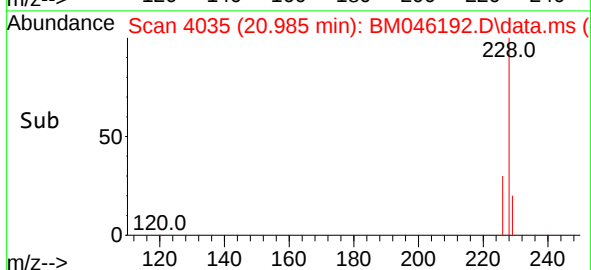
06/24/2024

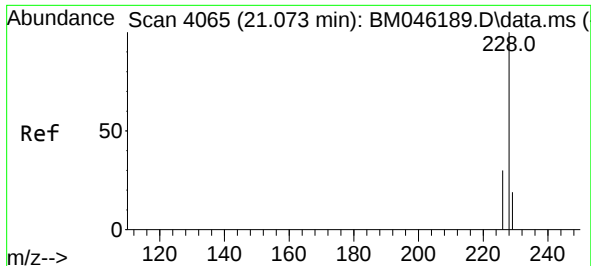


#21
Benzo(a)anthracene
Concen: 9.816 ng/ul
RT: 20.985 min Scan# 4035
Delta R.T. -0.044 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35



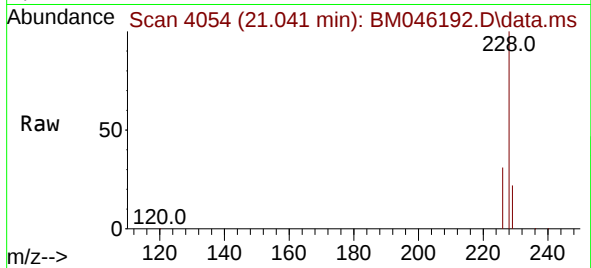
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Ion Ratio Lower Upper
228 100
229 20.6 16.4 24.6
226 29.7 23.4 35.2





#22
Chrysene
Concen: 8.311 ng/ul
RT: 21.041 min Scan# 4065
Delta R.T. -0.035 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35

Instrument :
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ClientSampleId :
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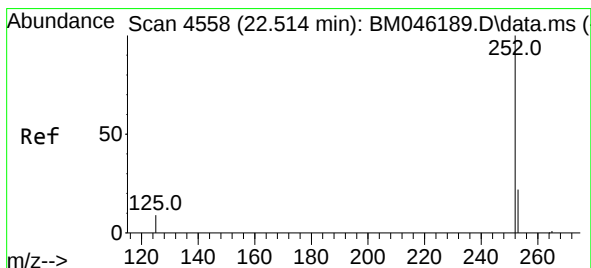
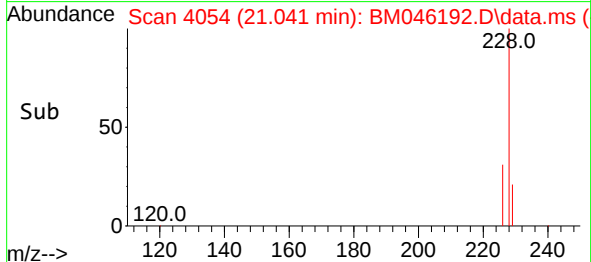
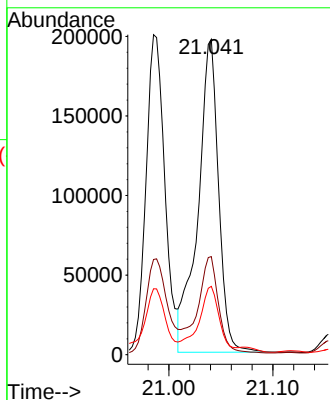
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Ion Ratio Lower Upper
228 100
226 31.1 25.2 37.8
229 21.7 16.3 24.5

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Supervised By :Jagrut Upadhyay 06/24/2024

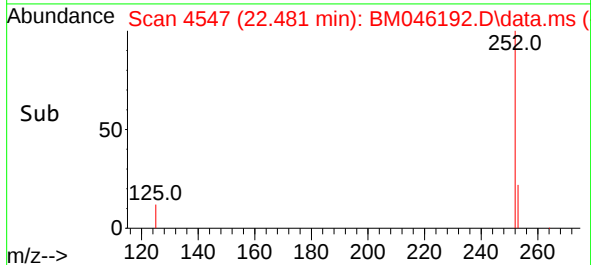
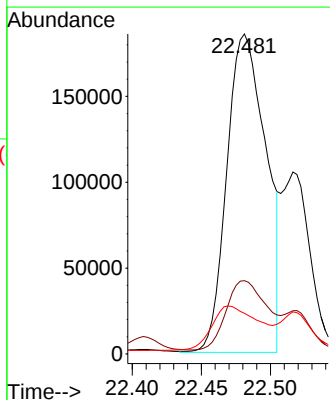
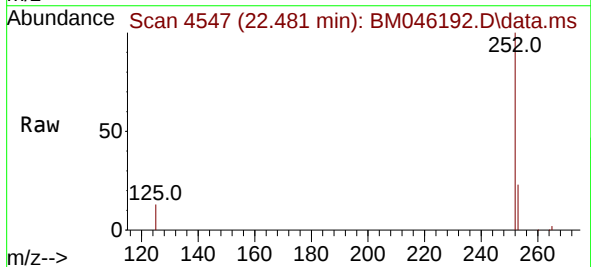
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Upadhyay

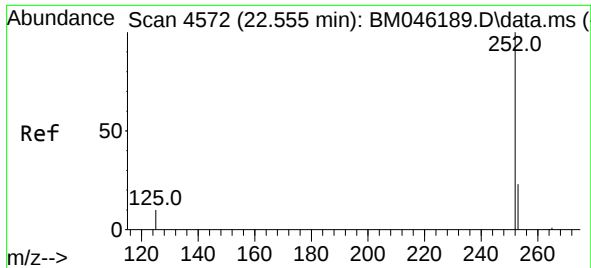
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#24
Benzo(b)fluoranthene
Concen: 11.880 ng/ul m
RT: 22.481 min Scan# 4547
Delta R.T. -0.038 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35

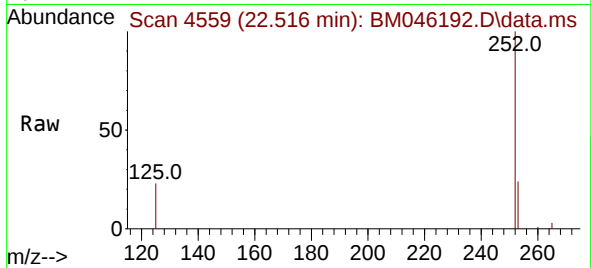
Tgt Ion:252 Resp: 365564
Ion Ratio Lower Upper
252 100
253 22.9 0.0 65.8
125 12.7 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 4.073 ng/ul m
RT: 22.516 min Scan# 41
Delta R.T. -0.047 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35

Instrument :
BNA_M
ClientSampleId :
A4C93



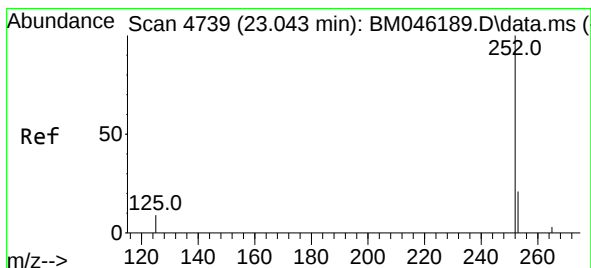
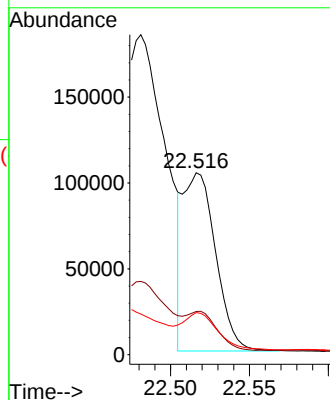
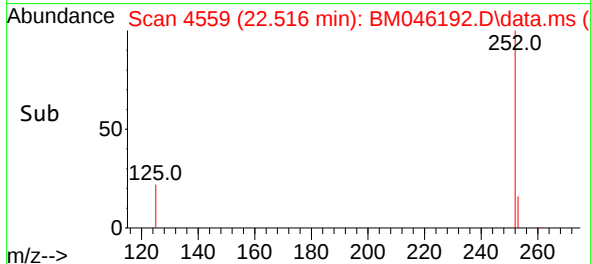
Tgt Ion:252 Resp: 149004
Ion Ratio Lower Upper
252 100
253 23.8 27.2 40.8#
125 23.1 16.6 25.0

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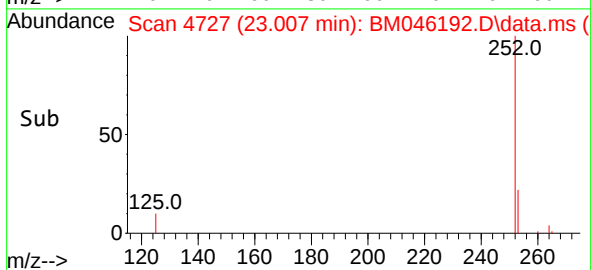
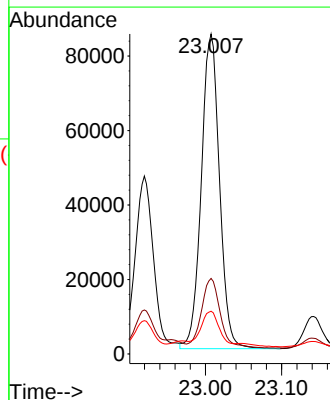
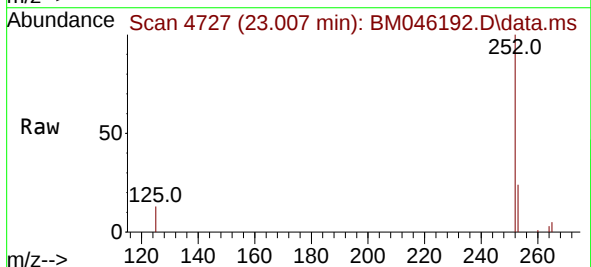
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Upadhyay

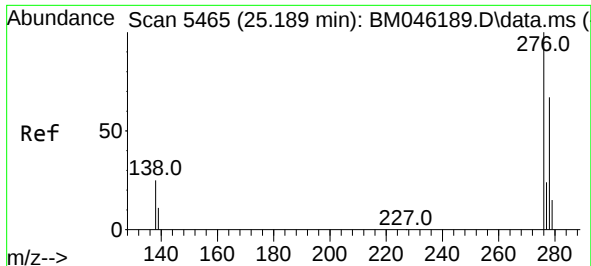
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#26
Benzo(a)pyrene
Concen: 4.923 ng/ul
RT: 23.007 min Scan# 4727
Delta R.T. -0.047 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35

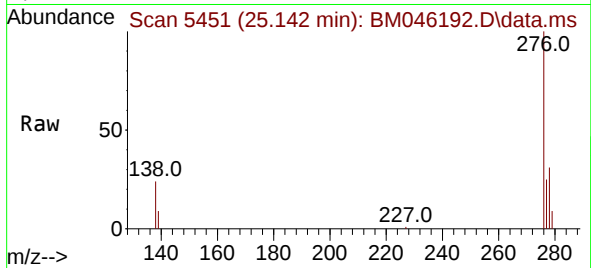
Tgt Ion:252 Resp: 140366
Ion Ratio Lower Upper
252 100
253 23.6 32.1 48.1#
125 13.3 21.2 31.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 3.063 ng/ul
RT: 25.142 min Scan# 5451
Delta R.T. -0.061 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35

Instrument :
BNA_M
ClientSampleId :
A4C93



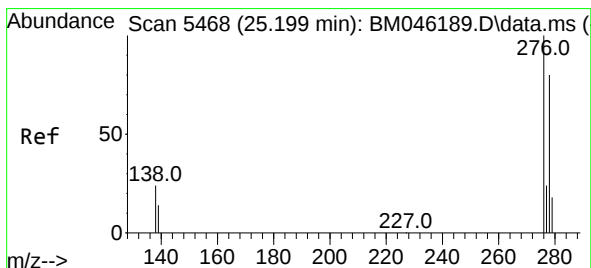
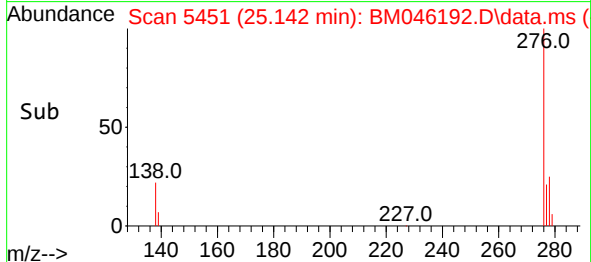
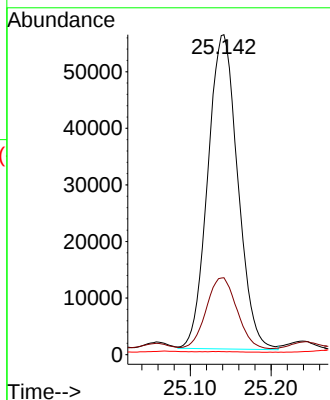
Tgt Ion:276 Resp: 142958
Ion Ratio Lower Upper
276 100
138 23.0 21.0 31.4
227 0.2 0.0 0.0

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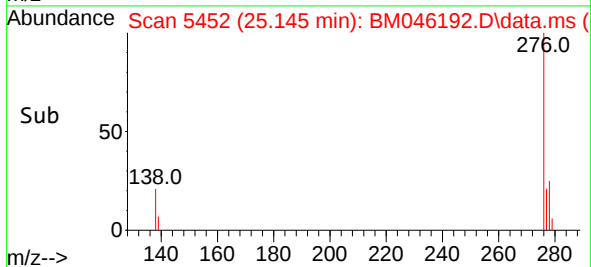
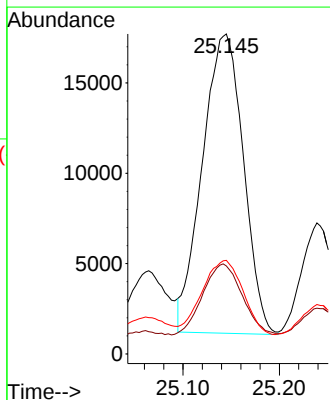
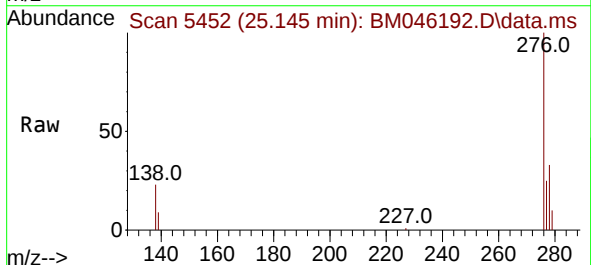
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Upadhyay

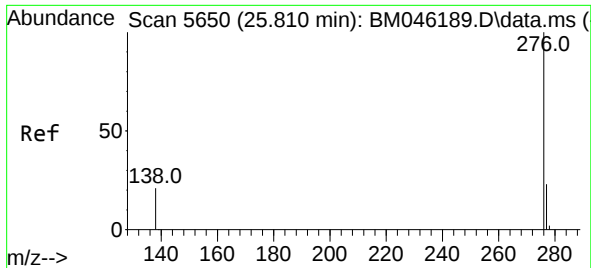
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#28
Dibenzo(a,h)anthracene
Concen: 1.410 ng/ul
RT: 25.145 min Scan# 5452
Delta R.T. -0.071 min
Lab File: BM046192.D
Acq: 22 Jun 2024 11:35

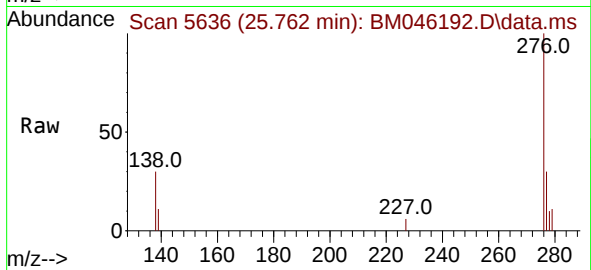
Tgt Ion:278 Resp: 48996
Ion Ratio Lower Upper
278 100
139 27.5 17.6 26.4#
279 29.2 26.3 39.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.516 ng/ul
 RT: 25.762 min Scan# 50
 Delta R.T. -0.067 min
 Lab File: BM046192.D
 Acq: 22 Jun 2024 11:35

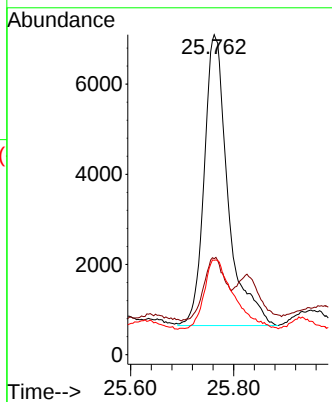
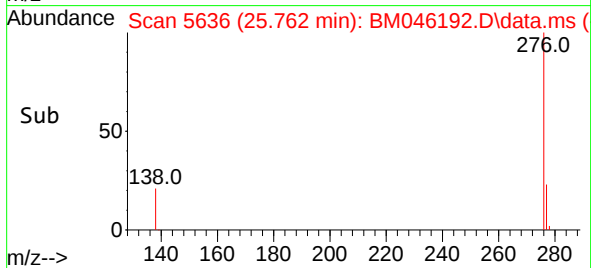
Instrument :
 BNA_M
 ClientSampleId :
 A4C93



Tgt Ion: 276 Resp: 2063
 Ion Ratio Lower Upper
 276 100
 138 30.0 21.7 32.5
 277 29.5 20.4 30.6

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 Upadhyay
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