

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046191.D
 Acq On : 22 Jun 2024 10:59
 Operator : MA/JU
 Sample : P2775-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C90

Manual Integrations
 APPROVED

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

Quant Time: Jun 22 11:37:11 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						
1) 1,4-Dichlorobenzene-d4	7.417	152	1933	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.198	136	5613	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.066	164	3270	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.806	188	7200m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.006	240	5927m	0.400	ng/ul	-0.04
23) Perylene-d12	23.101	264	7307m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	6770	2.553	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.804	152	1544	0.205	ng/ul	-0.06
18) Fluoranthene-d10	18.838	212	3798	0.214	ng/ul	-0.05
Target Compounds					Qvalue	
5) Naphthalene	10.242	128	6759	0.432	ng/ul	98
7) 2-Methylnaphthalene	11.881	142	2646	0.300	ng/ul	97
8) 1-Methylnaphthalene	12.095	142	2319	0.240	ng/ul	97
10) Acenaphthylene	13.779	152	22348	1.441	ng/ul	98
11) Acenaphthene	14.126	153	5053	0.451	ng/ul	99
12) Fluorene	15.121	166	7280	0.606	ng/ul	99
15) Phenanthrene	16.848	178	117960m	5.831	ng/ul	
16) Anthracene	16.941	178	31651m	2.101	ng/ul	
19) Fluoranthene	18.871	202	183044	7.133	ng/ul	96
20) Pyrene	19.233	202	171698	6.187	ng/ul	94
21) Benzo(a)anthracene	20.988	228	83540m	3.649	ng/ul	
22) Chrysene	21.041	228	97428	3.335	ng/ul	99
24) Benzo(b)fluoranthene	22.484	252	132545m	5.035	ng/ul	
25) Benzo(k)fluoranthene	22.519	252	51327m	1.640	ng/ul	
26) Benzo(a)pyrene	23.007	252	88814m	3.641	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.138	276	75010	1.879	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.142	278	18066	0.608	ng/ul#	93
29) Benzo(g,h,i)perylene	25.766	276	78594	2.296	ng/ul	94

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

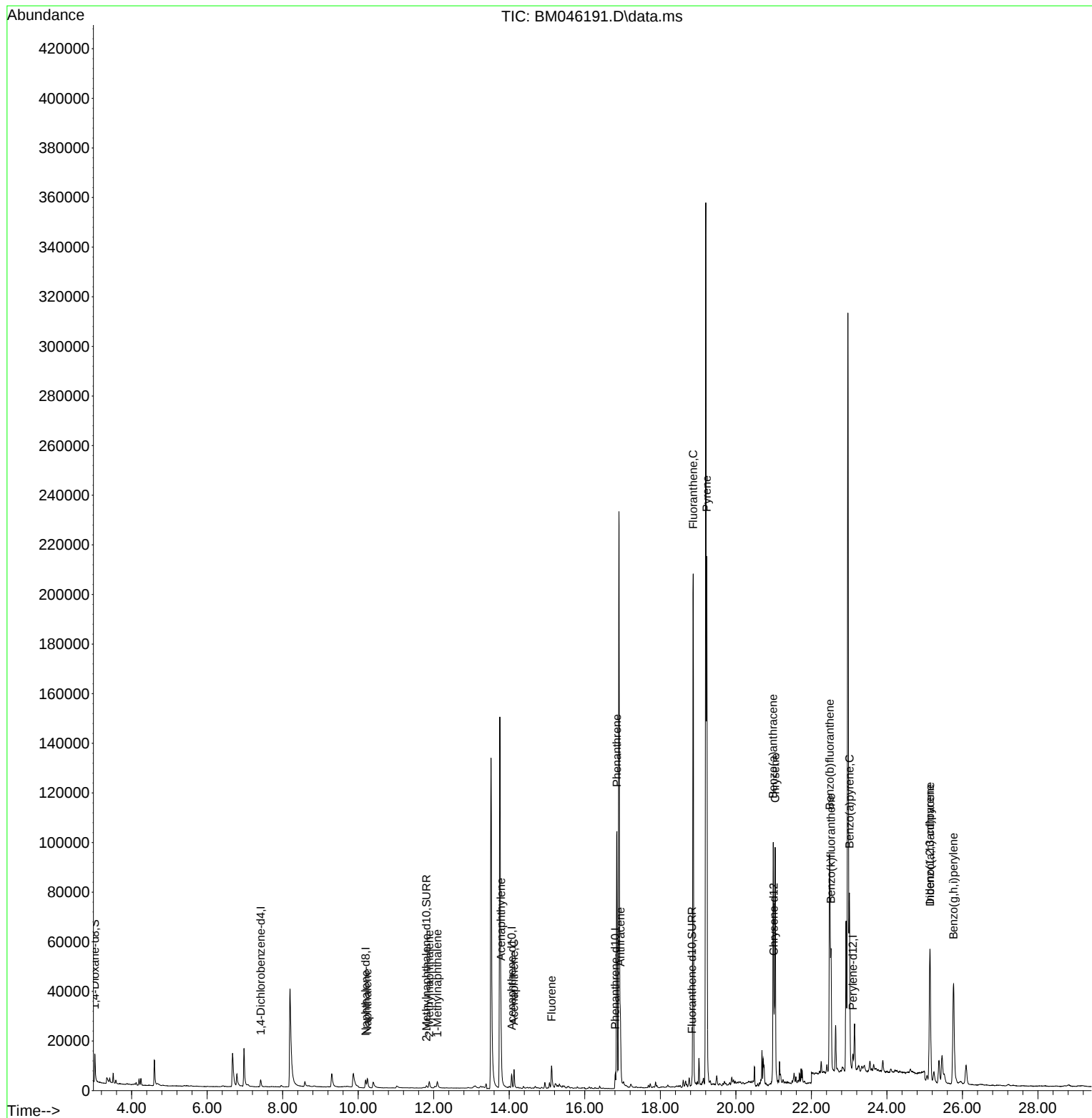
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046191.D
Acq On : 22 Jun 2024 10:59
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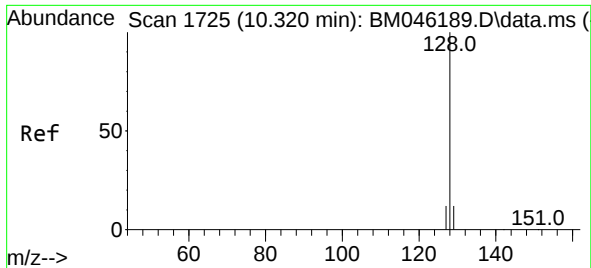
Instrument :
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A4C90

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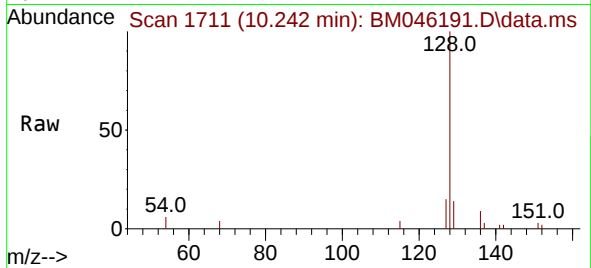
Quant Time: Jun 22 11:37:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.432 ng/ul
RT: 10.242 min Scan# 1711
Delta R.T. -0.061 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59

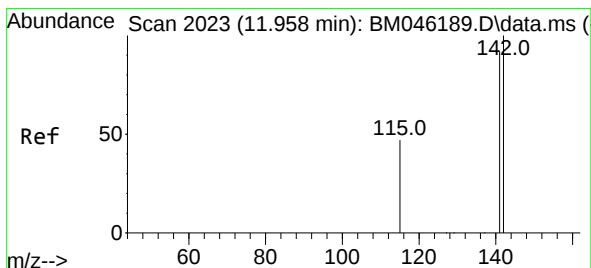
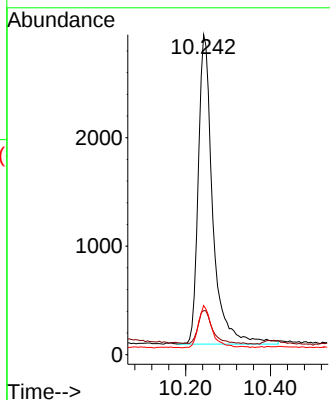
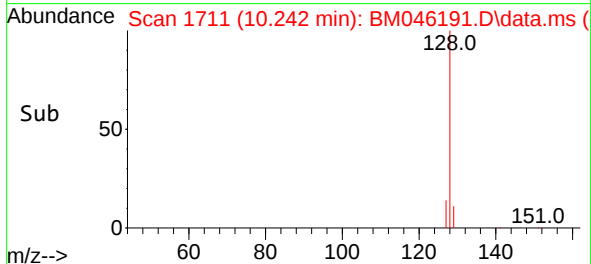
Instrument :
BNA_M
ClientSampleId :
A4C90



Tgt Ion:128 Resp: 6759
Ion Ratio Lower Upper
128 100
129 13.7 11.8 17.6
127 15.4 12.8 19.2

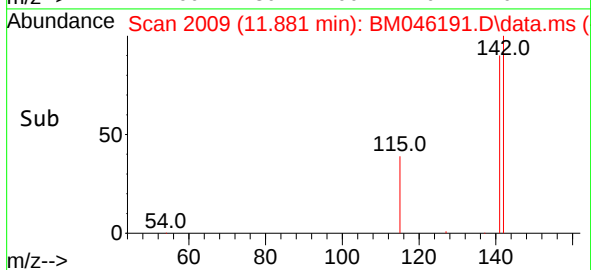
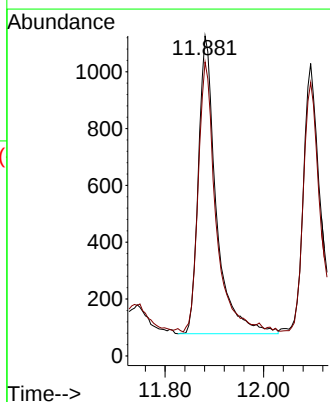
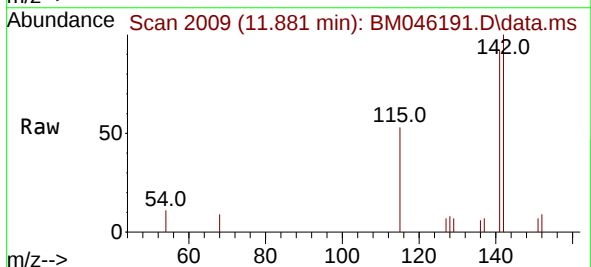
Manual Integrations
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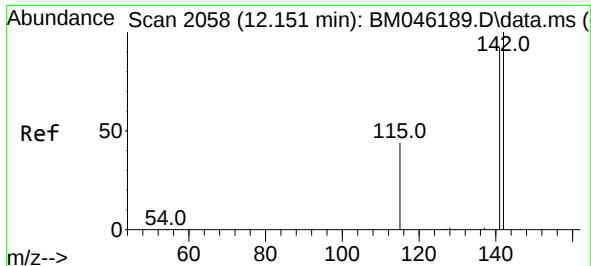
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 11.881 min Scan# 2009
Delta R.T. -0.066 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59

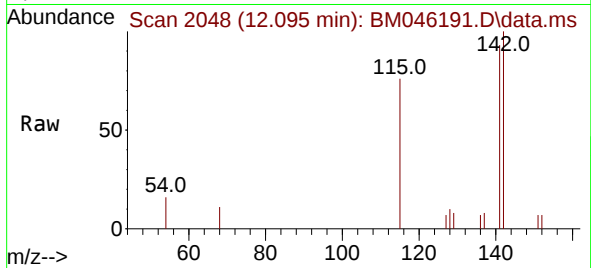
Tgt Ion:142 Resp: 2646
Ion Ratio Lower Upper
142 100
141 90.7 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.240 ng/ul
RT: 12.095 min Scan# 2058
Delta R.T. -0.055 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59

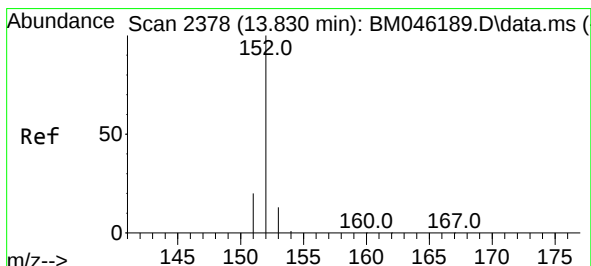
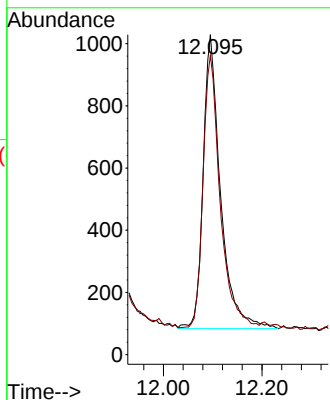
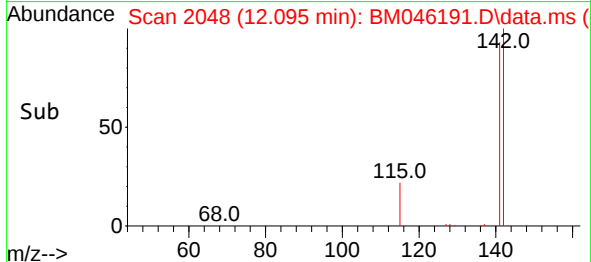
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 2319
Ion Ratio Lower Upper
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141 91.3 75.2 112.8

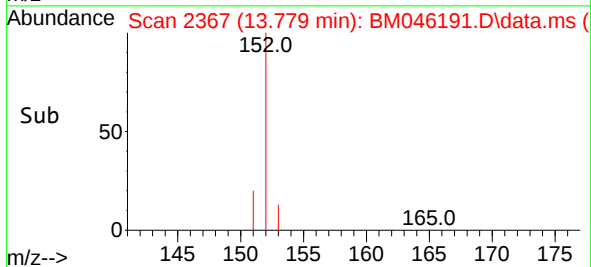
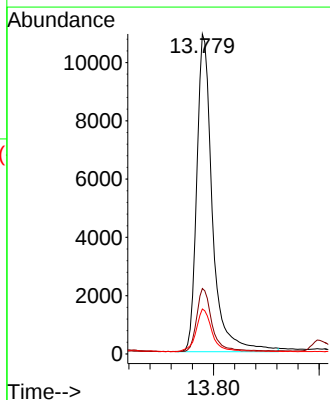
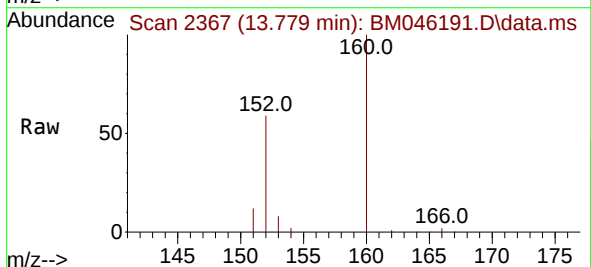
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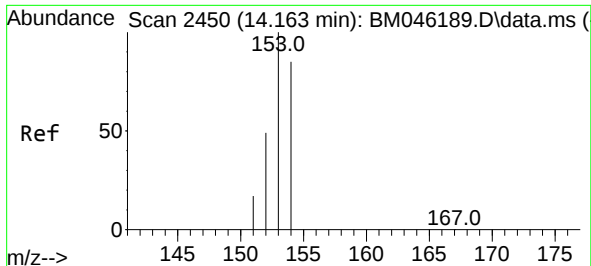
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#10
Acenaphthylene
Concen: 1.441 ng/ul
RT: 13.779 min Scan# 2367
Delta R.T. -0.056 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59

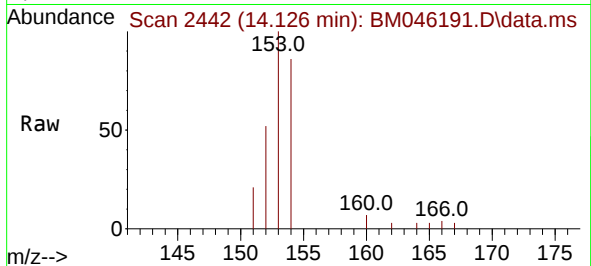
Tgt Ion:152 Resp: 22348
Ion Ratio Lower Upper
152 100
151 20.4 17.4 26.2
153 14.0 11.8 17.8





#11
Acenaphthene
Concen: 0.451 ng/ul
RT: 14.126 min Scan# 2442
Delta R.T. -0.046 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59

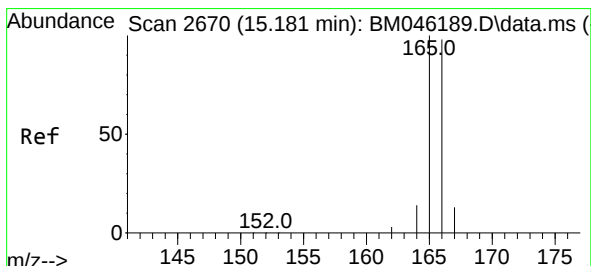
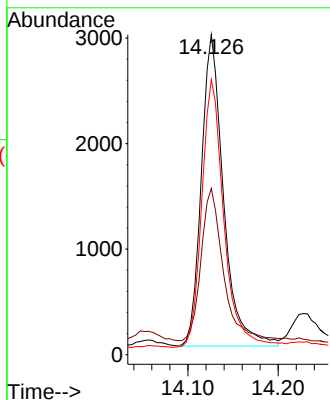
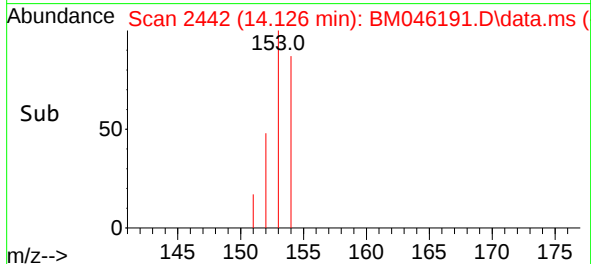
Instrument :
BNA_M
ClientSampleId :
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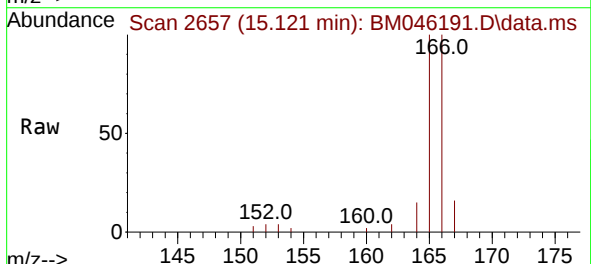
Tgt Ion:153 Resp: 505
Ion Ratio Lower Upper
153 100
152 51.9 41.3 61.9
154 85.9 68.2 102.4

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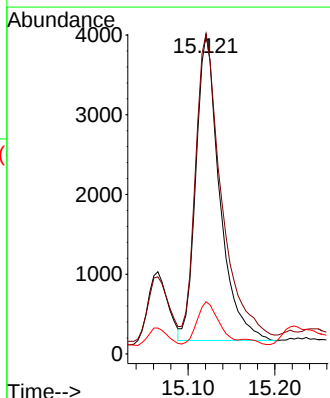
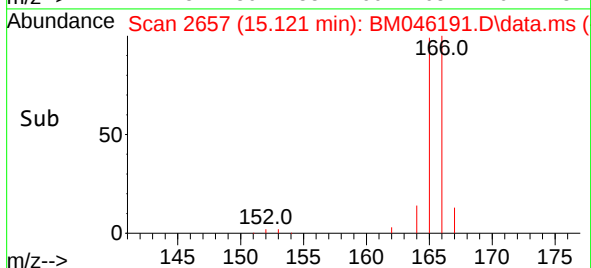
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

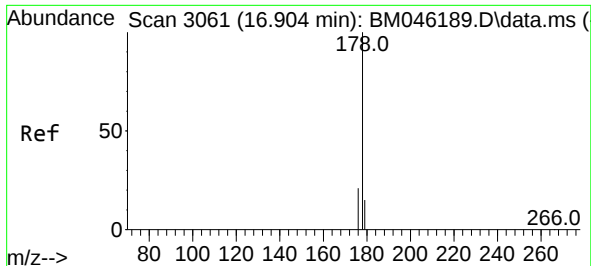


#12
Fluorene
Concen: 0.606 ng/ul
RT: 15.121 min Scan# 2657
Delta R.T. -0.060 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59



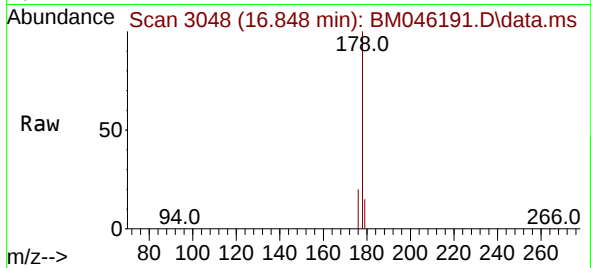
Tgt Ion:166 Resp: 7280
Ion Ratio Lower Upper
166 100
165 100.2 80.4 120.6
167 16.3 12.4 18.6





#15
Phenanthrene
Concen: 5.831 ng/ul m
RT: 16.848 min Scan# 3061
Delta R.T. -0.055 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59

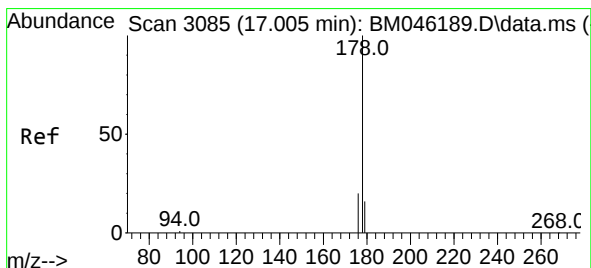
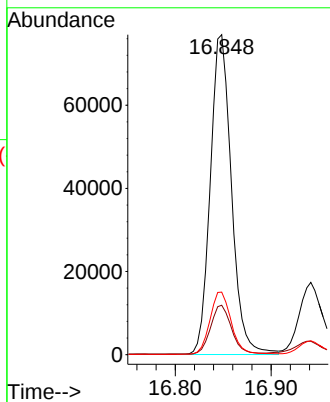
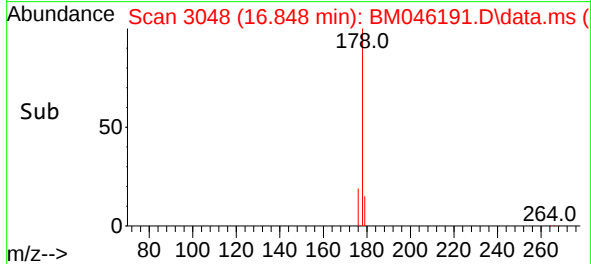
Instrument :
BNA_M
ClientSampleId :
A4C90



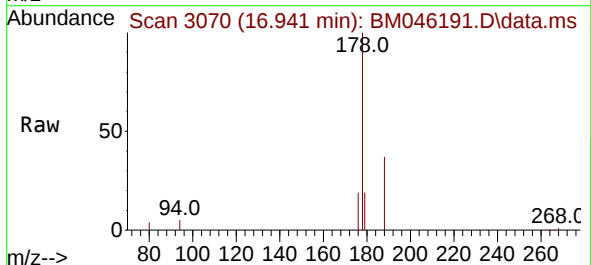
Tgt Ion:178 Resp: 117960
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.6 17.1 25.7

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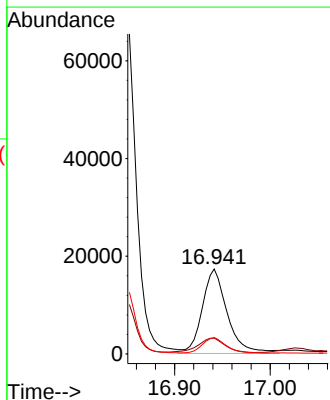
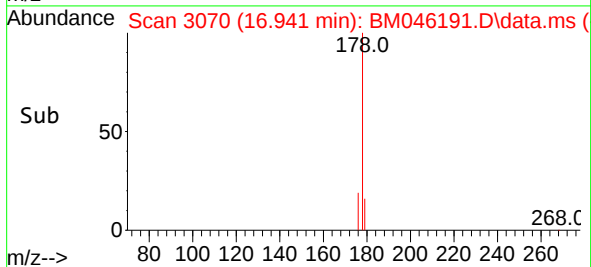
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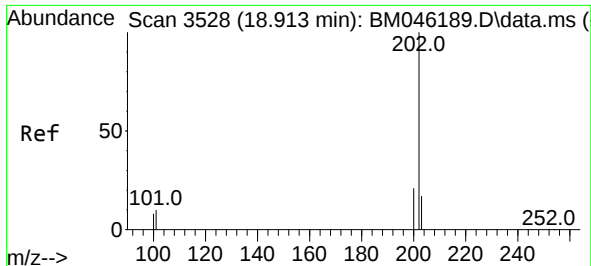


#16
Anthracene
Concen: 2.101 ng/ul m
RT: 16.941 min Scan# 3070
Delta R.T. -0.063 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59



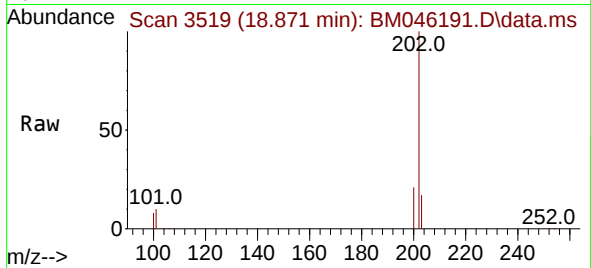
Tgt Ion:178 Resp: 31651
Ion Ratio Lower Upper
178 100
179 18.6 14.9 22.3
176 19.4 17.0 25.4





#19
Fluoranthene
Concen: 7.133 ng/u1
RT: 18.871 min Scan# 3519
Delta R.T. -0.047 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59

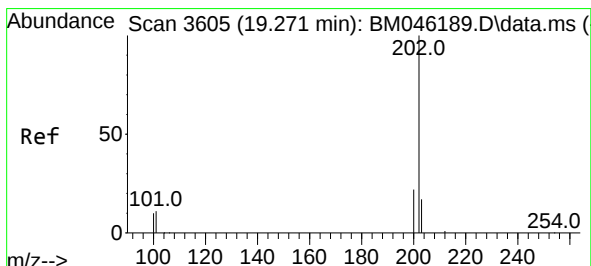
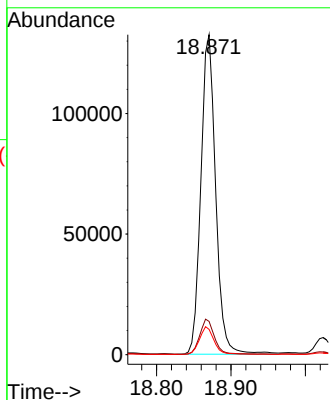
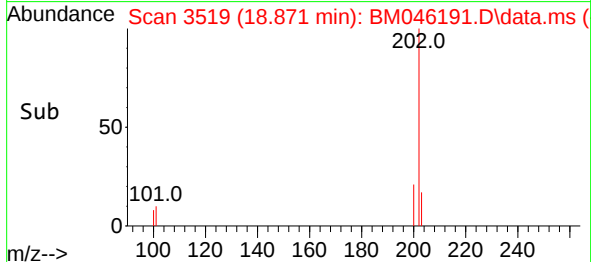
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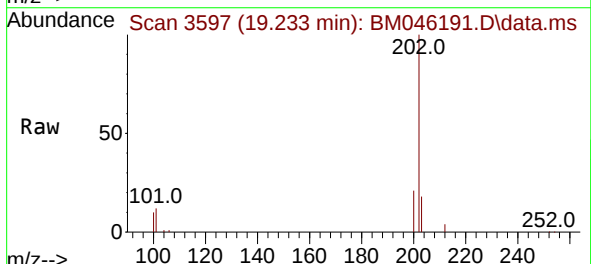
Tgt Ion:202 Resp: 18304
Ion Ratio Lower Upper
202 100
101 10.4 9.6 14.4
100 7.9 7.6 11.4

Manual Integrations
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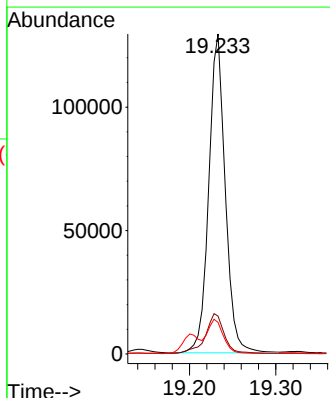
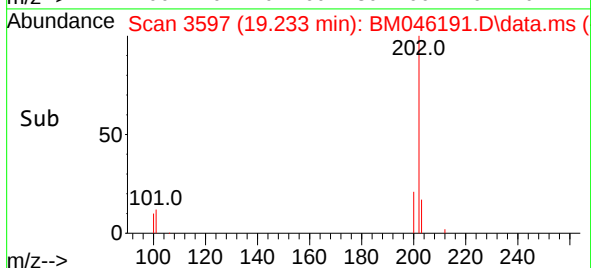
Reviewed By :Yogesh Patel 06/24/2024
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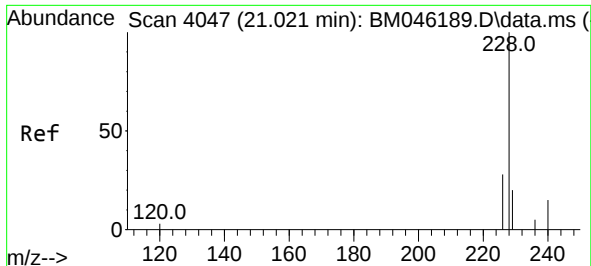


#20
Pyrene
Concen: 6.187 ng/u1
RT: 19.233 min Scan# 3597
Delta R.T. -0.042 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59



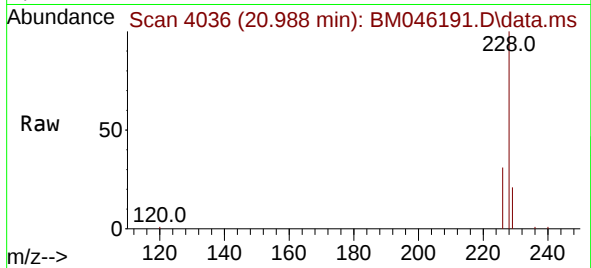
Tgt Ion:202 Resp: 171698
Ion Ratio Lower Upper
202 100
101 11.8 11.3 16.9
100 9.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.649 ng/ul m
RT: 20.988 min Scan# 4036
Delta R.T. -0.041 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59

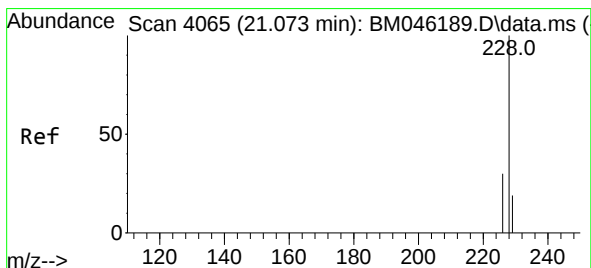
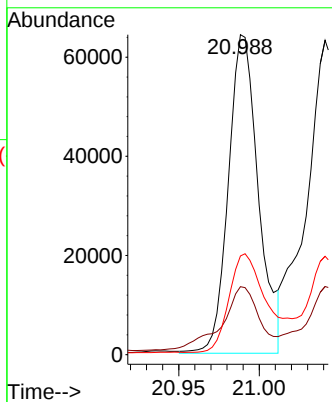
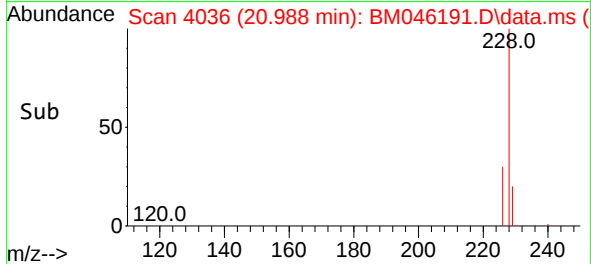
Instrument :
BNA_M
ClientSampleId :
A4C90



Tgt Ion:228 Resp: 83540
Ion Ratio Lower Upper
228 100
229 21.3 16.4 24.6
226 30.8 23.4 35.2

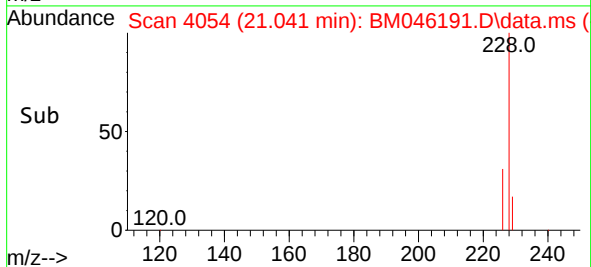
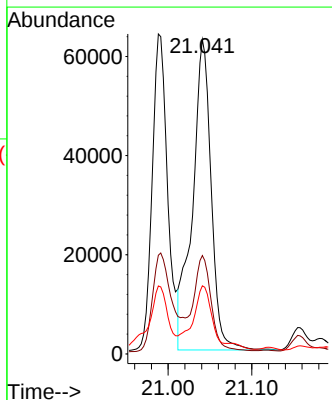
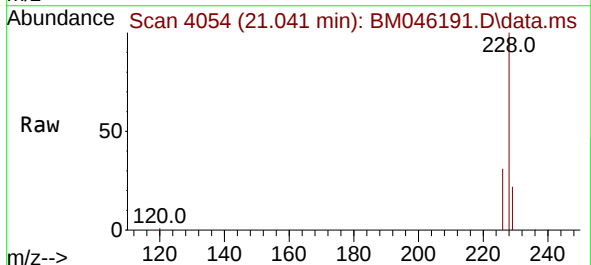
Manual Integrations
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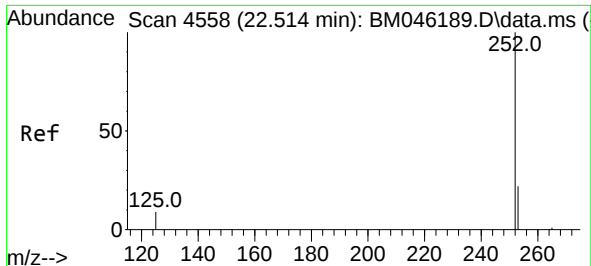
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#22
Chrysene
Concen: 3.335 ng/ul
RT: 21.041 min Scan# 4054
Delta R.T. -0.035 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59

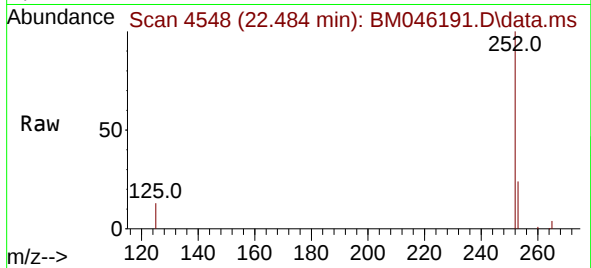
Tgt Ion:228 Resp: 97428
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 21.7 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 5.035 ng/ul m
RT: 22.484 min Scan# 4548
Delta R.T. -0.035 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59

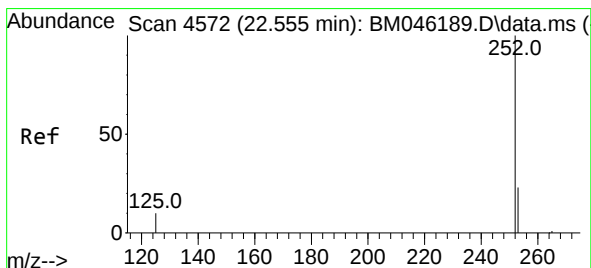
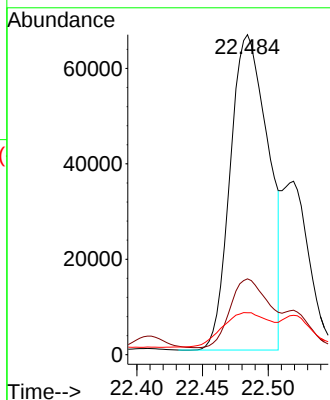
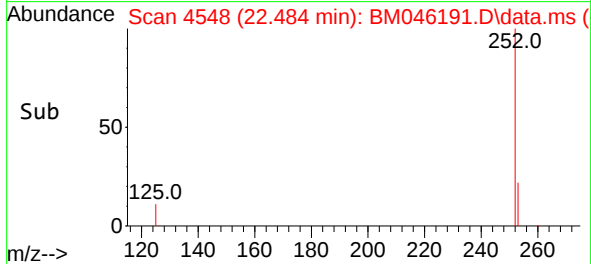
Instrument :
BNA_M
ClientSampleId :
A4C90



Tgt Ion:252 Resp: 132549
Ion Ratio Lower Upper
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253 23.7 0.0 65.8
125 13.1 0.0 40.2

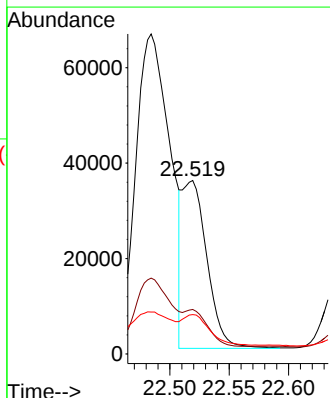
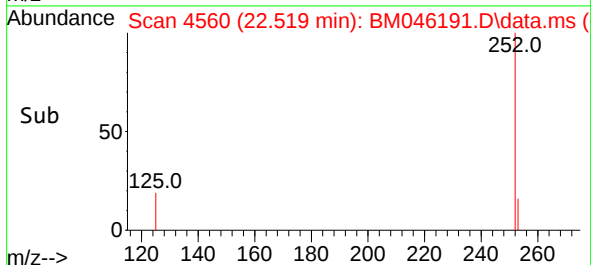
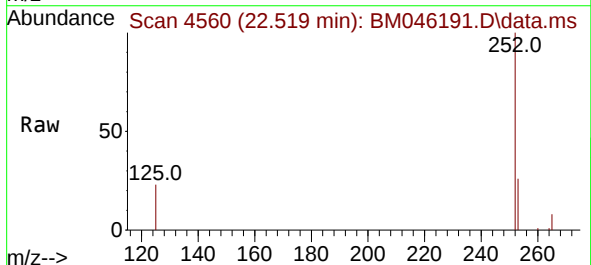
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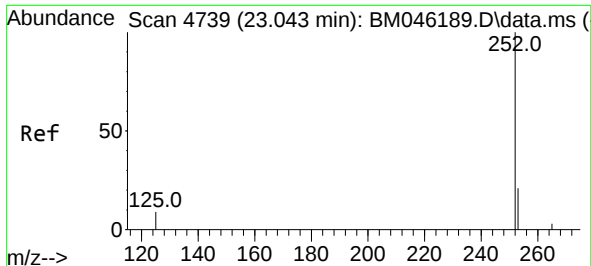
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 1.640 ng/ul m
RT: 22.519 min Scan# 4560
Delta R.T. -0.044 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59

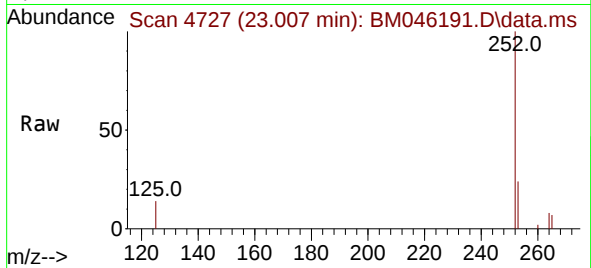
Tgt Ion:252 Resp: 51327
Ion Ratio Lower Upper
252 100
253 25.6 27.2 40.8#
125 22.7 16.6 25.0





#26
Benzo(a)pyrene
Concen: 3.641 ng/ul m
RT: 23.007 min Scan# 4
Delta R.T. -0.047 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59

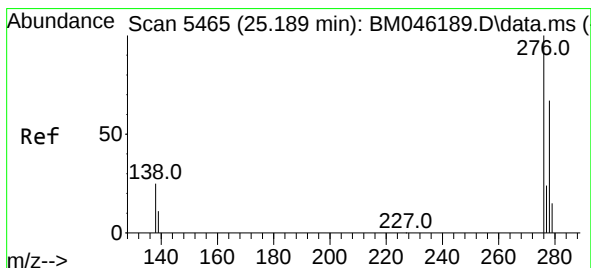
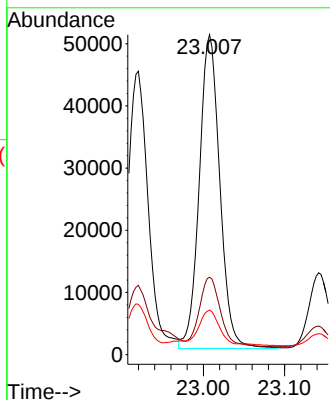
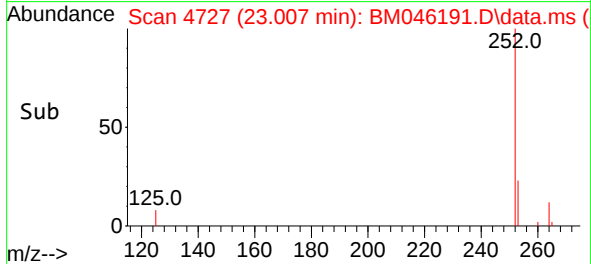
Instrument :
BNA_M
ClientSampleId :
A4C90



Tgt Ion:252 Resp: 88814
Ion Ratio Lower Upper
252 100
253 24.2 32.1 48.1
125 14.0 21.2 31.8

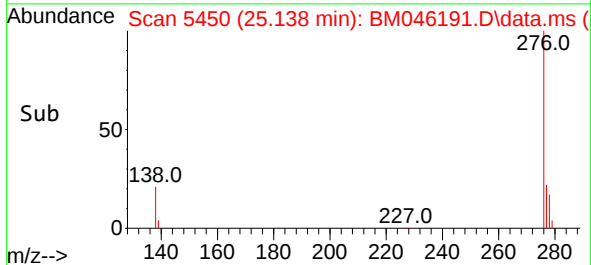
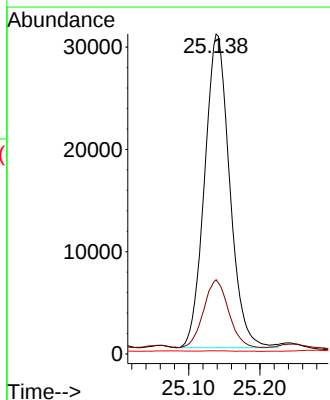
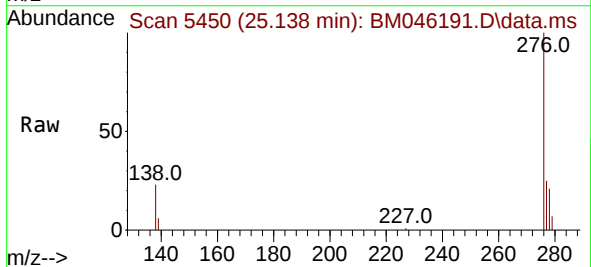
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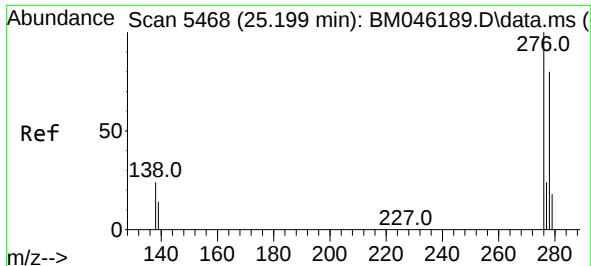
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.879 ng/ul
RT: 25.138 min Scan# 5450
Delta R.T. -0.064 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59

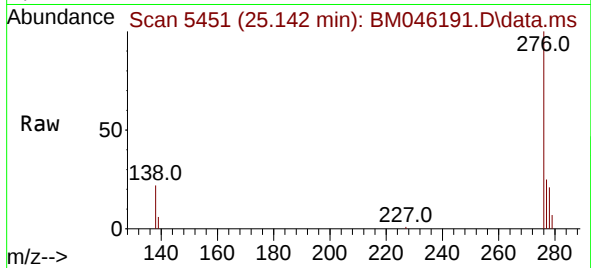
Tgt Ion:276 Resp: 75010
Ion Ratio Lower Upper
276 100
138 22.1 21.0 31.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.608 ng/ul
RT: 25.142 min Scan# 5468
Delta R.T. -0.074 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59

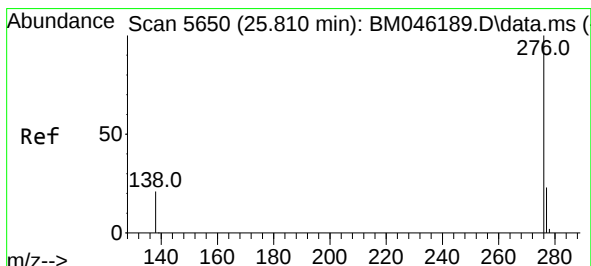
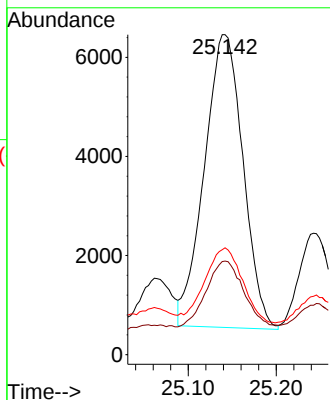
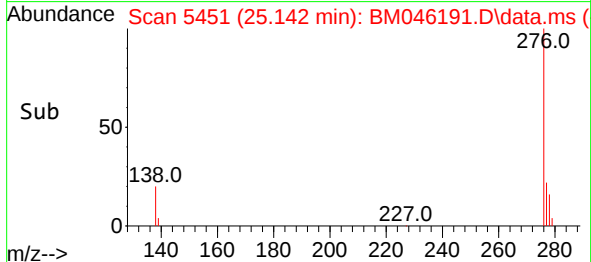
Instrument :
BNA_M
ClientSampleId :
A4C90



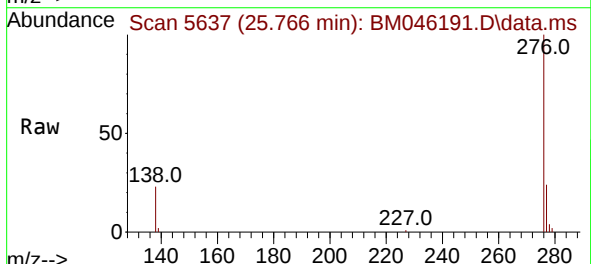
Tgt Ion:278 Resp: 1806
Ion Ratio Lower Upper
278 100
139 29.3 17.6 26.4
279 33.4 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.296 ng/ul
RT: 25.766 min Scan# 5637
Delta R.T. -0.064 min
Lab File: BM046191.D
Acq: 22 Jun 2024 10:59



Tgt Ion:276 Resp: 78594
Ion Ratio Lower Upper
276 100
138 22.8 21.7 32.5
277 24.2 20.4 30.6

