

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046218.D
 Acq On : 23 Jun 2024 04:06
 Operator : MA/JU
 Sample : P2775-17DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D46DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 04:37:58 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 : Sun Jun 23 01:31:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.421	152	2439	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.220	136	6990	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.071	164	4111	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.811	188	8199	0.400	ng/ul	-0.05
17) Chrysene-d12	21.006	240	6847	0.400	ng/ul	-0.04
23) Perylene-d12	23.098	264	8032m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	2135	0.638	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.848	152	474	0.051	ng/ul	-0.02
18) Fluoranthene-d10	18.838	212	1119	0.055	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.270	128	1884	0.097	ng/ul#	83
7) 2-Methylnaphthalene	11.925	142	754	0.069	ng/ul	93
8) 1-Methylnaphthalene	12.129	142	825	0.069	ng/ul	99
10) Acenaphthylene	13.793	152	1308	0.067	ng/ul#	78
11) Acenaphthene	14.135	153	7013	0.498	ng/ul	99
12) Fluorene	15.130	166	6646	0.440	ng/ul	99
15) Phenanthrene	16.849	178	118073	5.126	ng/ul	96
16) Anthracene	16.946	178	22668	1.321	ng/ul	96
19) Fluoranthene	18.871	202	187644	6.329	ng/ul	96
20) Pyrene	19.233	202	136132	4.246	ng/ul	95
21) Benzo(a)anthracene	20.991	228	76871	2.907	ng/ul	99
22) Chrysene	21.041	228	67182	1.990	ng/ul	100
24) Benzo(b)fluoranthene	22.484	252	91930m	3.177	ng/ul	
25) Benzo(k)fluoranthene	22.519	252	34183m	0.994	ng/ul	
26) Benzo(a)pyrene	23.008	252	36828	1.373	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.142	276	32972	0.751	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.145	278	9739	0.298	ng/ul	98
29) Benzo(g,h,i)perylene	25.766	276	4242	0.113	ng/ul#	84

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

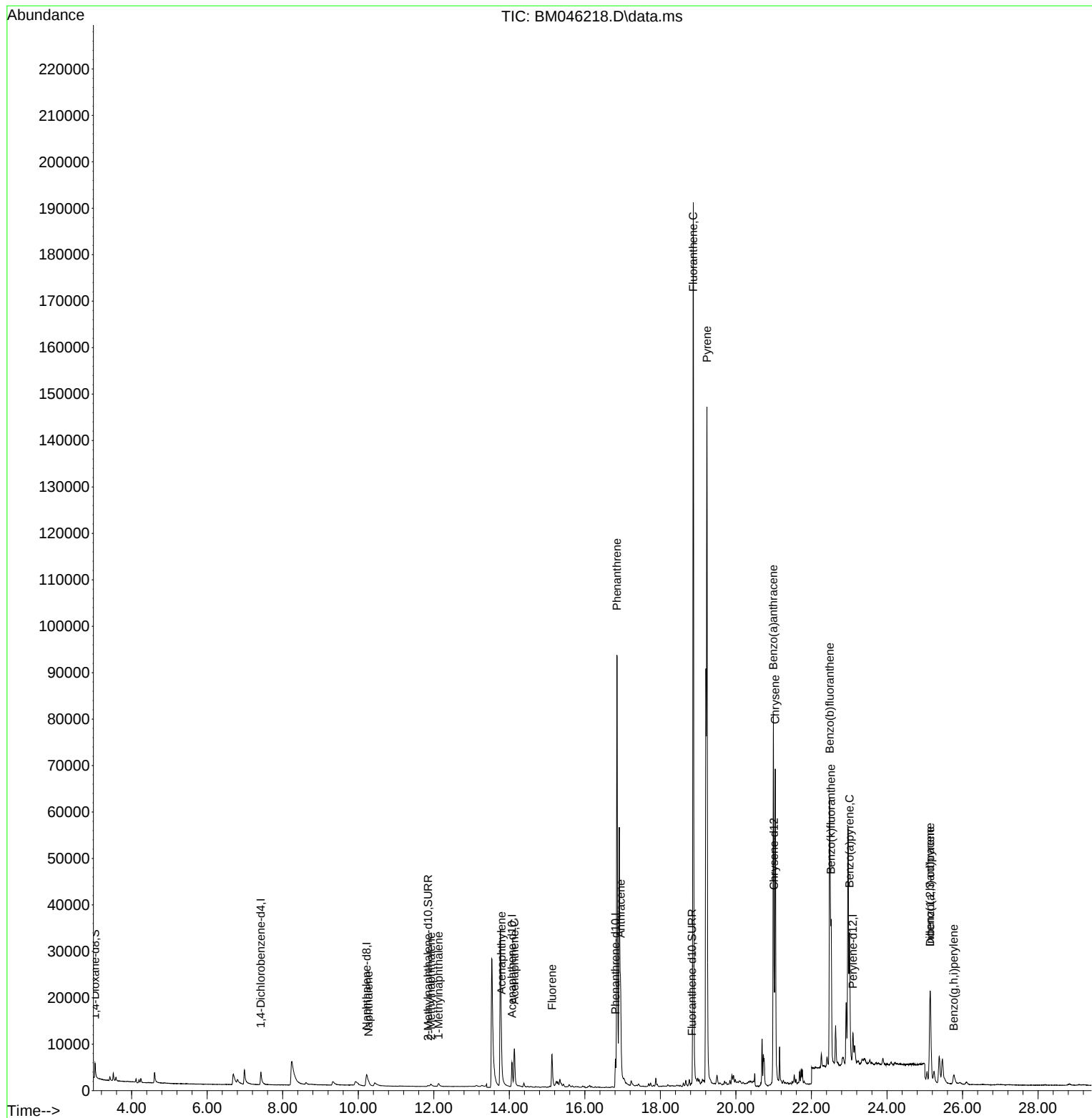
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046218.D
Acq On : 23 Jun 2024 04:06
Operator : MA/JU
Sample : P2775-17DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

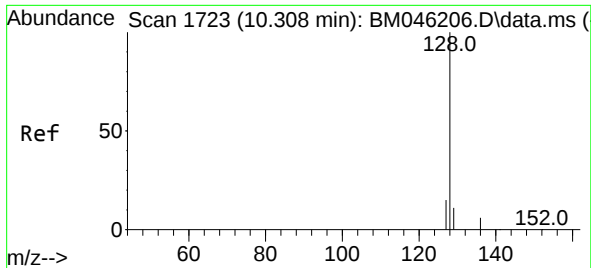
Instrument :
BNA_M
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A4D46DL

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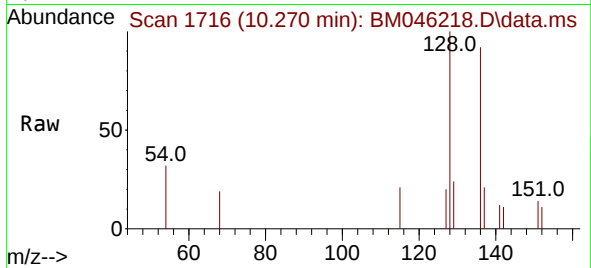
Quant Time: Jun 23 04:37:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 23 01:31:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.097 ng/ul
RT: 10.270 min Scan# 11
Delta R.T. -0.033 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06

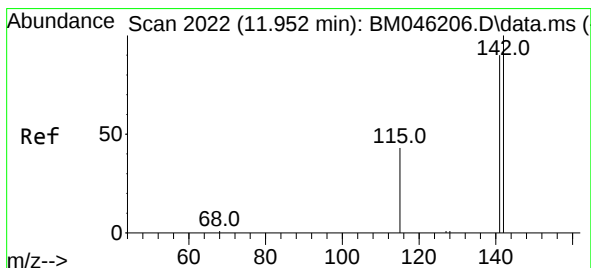
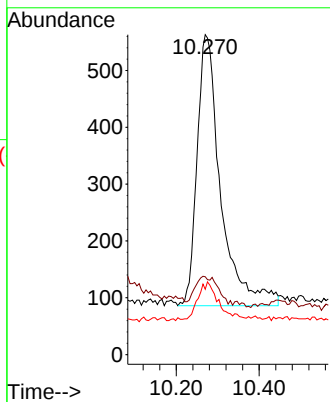
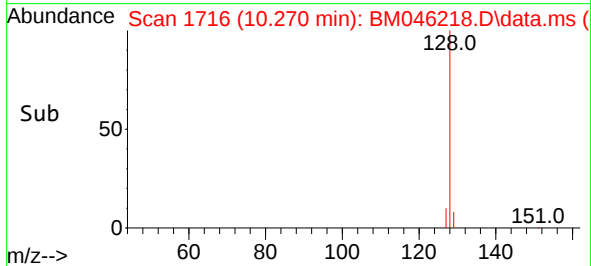
Instrument :
BNA_M
ClientSampleId :
A4D46DL



Tgt Ion:128 Resp: 1884
Ion Ratio Lower Upper
128 100
129 24.3 11.8 17.6
127 20.4 12.8 19.2

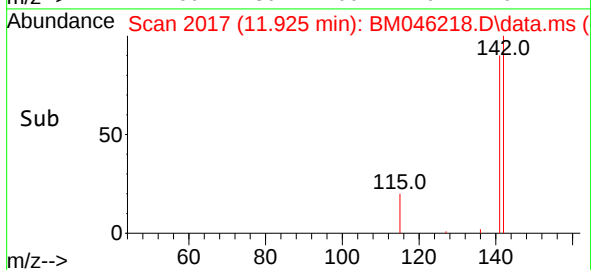
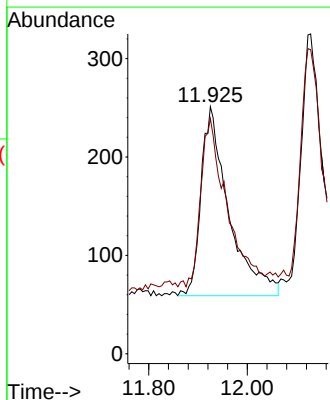
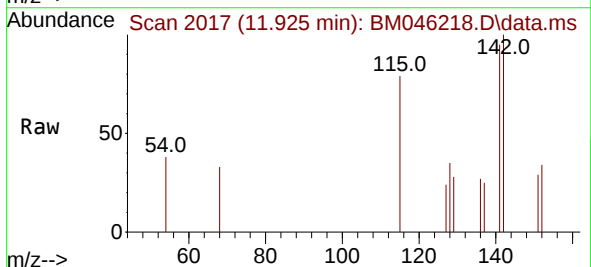
Manual Integrations
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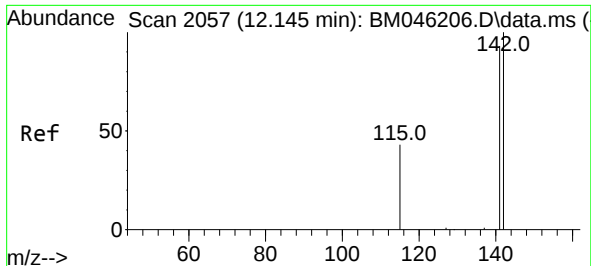
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 11.925 min Scan# 2017
Delta R.T. -0.022 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06

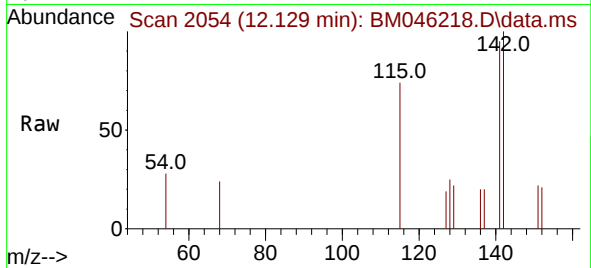
Tgt Ion:142 Resp: 754
Ion Ratio Lower Upper
142 100
141 86.2 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.129 min Scan# 2054
Delta R.T. -0.022 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06

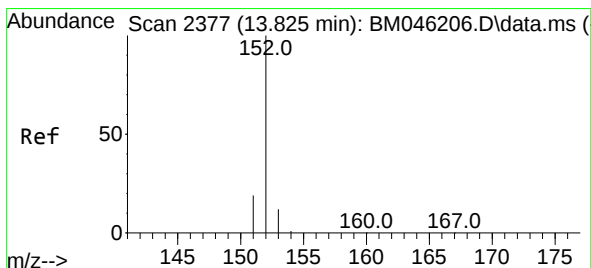
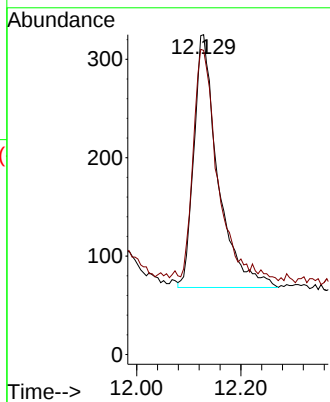
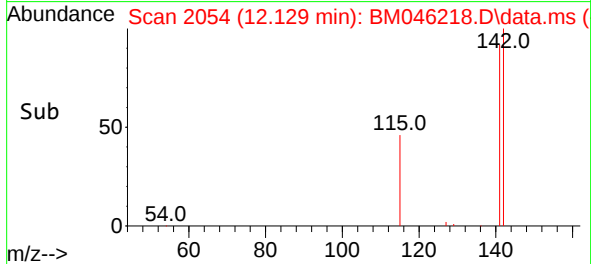
Instrument :
BNA_M
ClientSampleId :
A4D46DL



Tgt Ion:142 Resp: 829
Ion Ratio Lower Upper
142 100
141 93.2 75.2 112.8

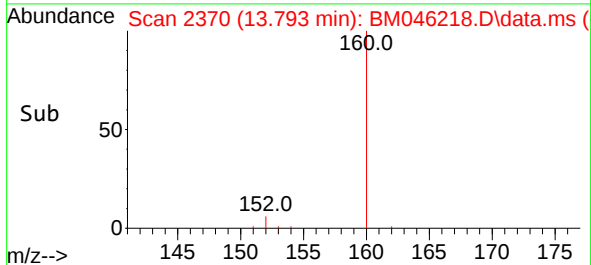
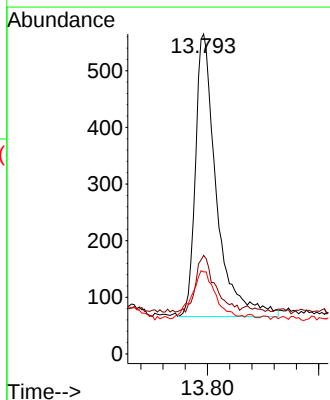
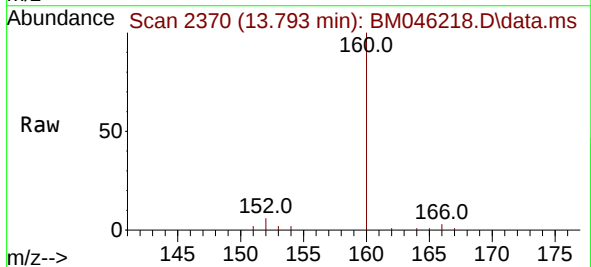
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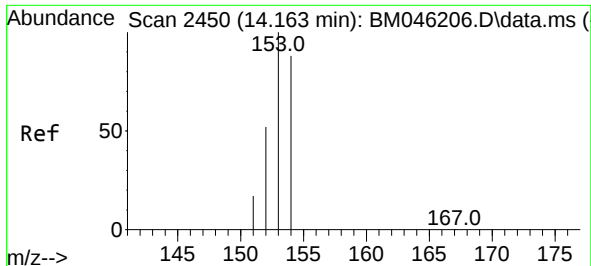
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#10
Acenaphthylene
Concen: 0.067 ng/ul
RT: 13.793 min Scan# 2370
Delta R.T. -0.042 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06

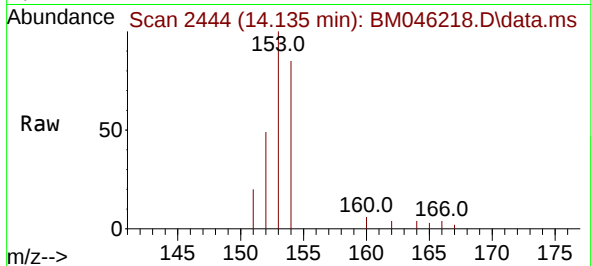
Tgt Ion:152 Resp: 1308
Ion Ratio Lower Upper
152 100
151 30.8 17.4 26.2#
153 25.7 11.8 17.8#





#11
Acenaphthene
Concen: 0.498 ng/ul
RT: 14.135 min Scan# 2444
Delta R.T. -0.037 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06

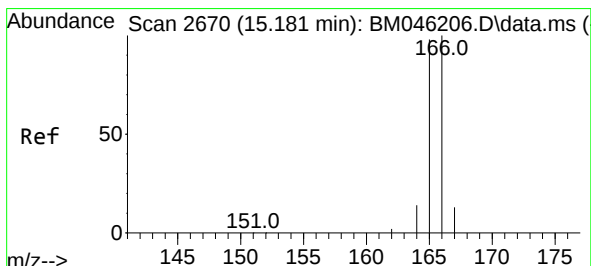
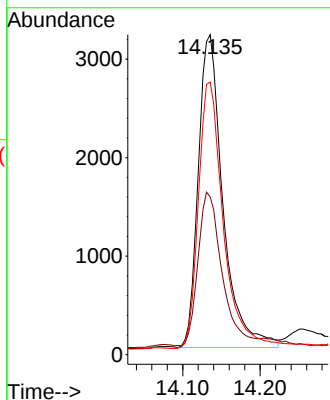
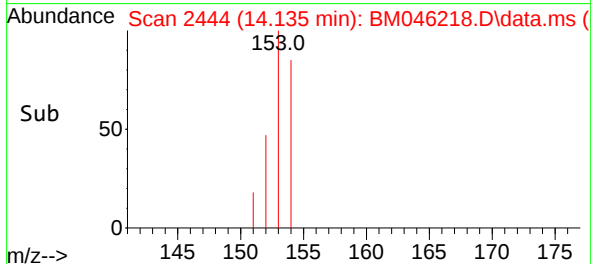
Instrument :
BNA_M
ClientSampleId :
A4D46DL



Tgt Ion:153 Resp: 701
Ion Ratio Lower Upper
153 100
152 49.3 41.3 61.9
154 85.2 68.2 102.4

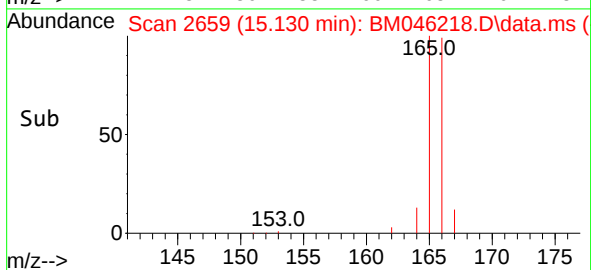
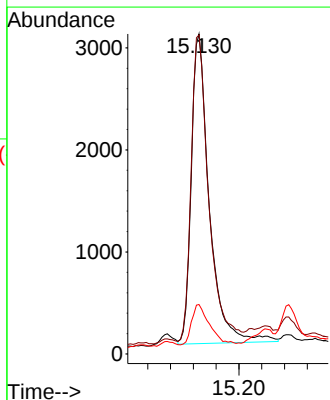
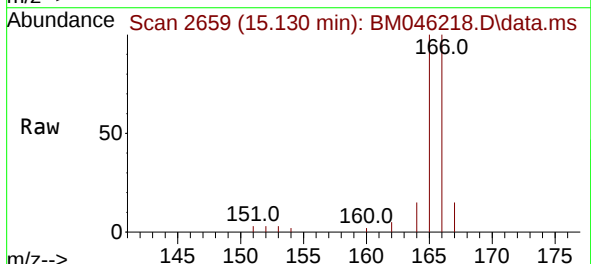
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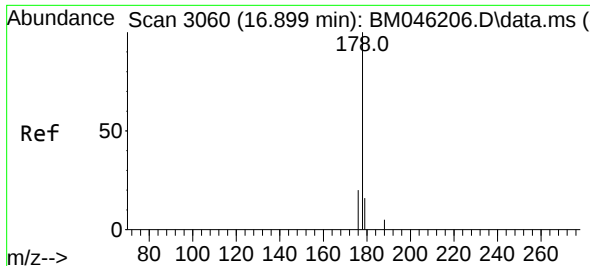
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#12
Fluorene
Concen: 0.440 ng/ul
RT: 15.130 min Scan# 2659
Delta R.T. -0.051 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06

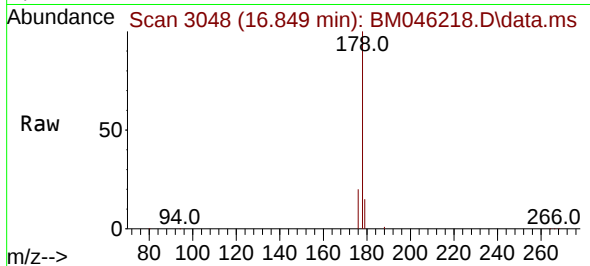
Tgt Ion:166 Resp: 6646
Ion Ratio Lower Upper
166 100
165 99.7 80.4 120.6
167 15.5 12.4 18.6





#15
Phenanthrene
Concen: 5.126 ng/ul
RT: 16.849 min Scan# 3070
Delta R.T. -0.055 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06

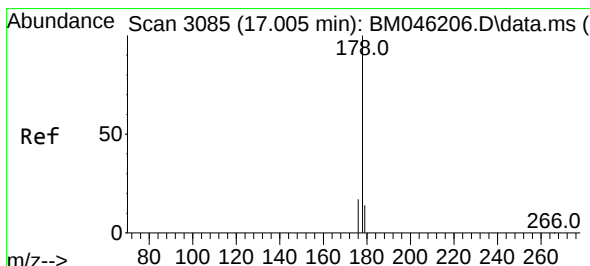
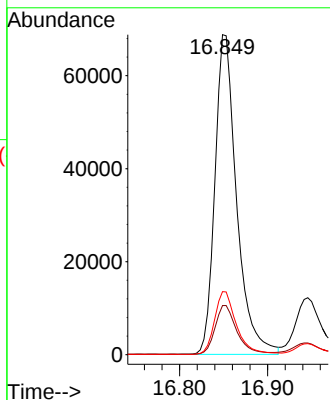
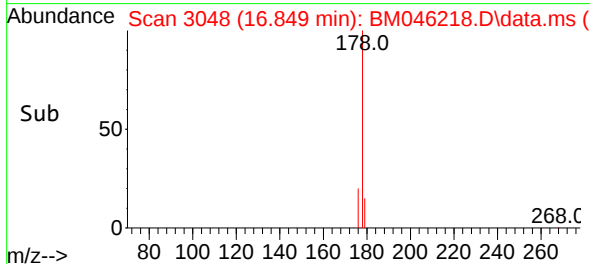
Instrument :
BNA_M
ClientSampleId :
A4D46DL



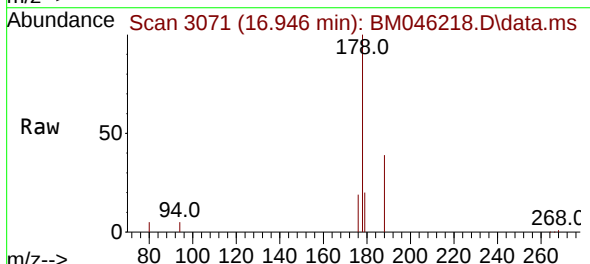
Tgt Ion:178 Resp: 11807
Ion Ratio Lower Upper
178 100
179 15.4 14.2 21.2
176 19.7 17.1 25.7

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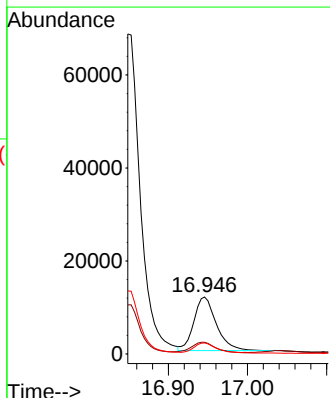
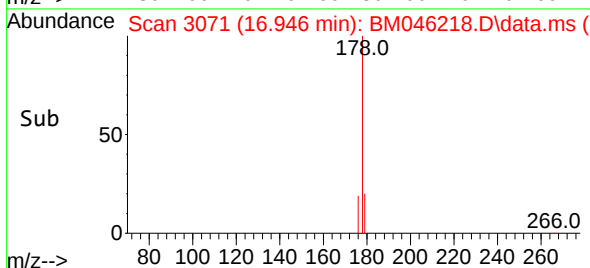
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

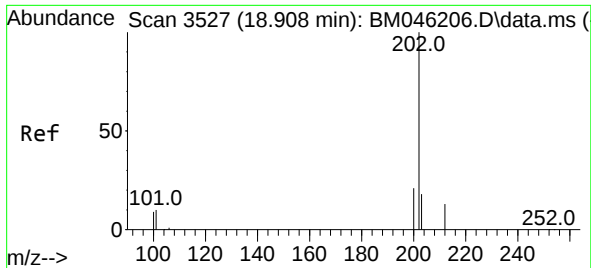


#16
Anthracene
Concen: 1.321 ng/ul
RT: 16.946 min Scan# 3071
Delta R.T. -0.059 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06



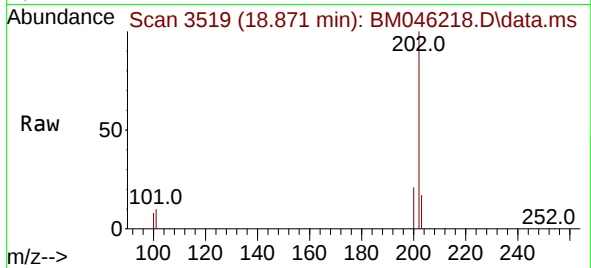
Tgt Ion:178 Resp: 22668
Ion Ratio Lower Upper
178 100
179 20.5 14.9 22.3
176 19.4 17.0 25.4





#19
Fluoranthene
Concen: 6.329 ng/u1
RT: 18.871 min Scan# 3519
Delta R.T. -0.046 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06

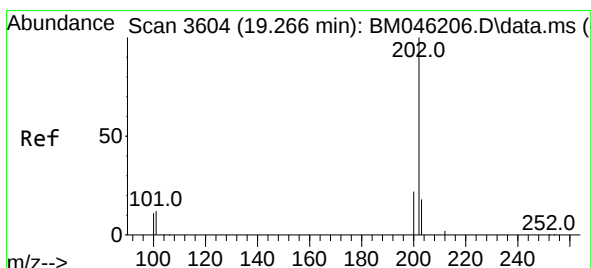
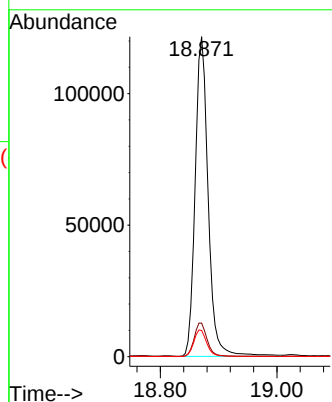
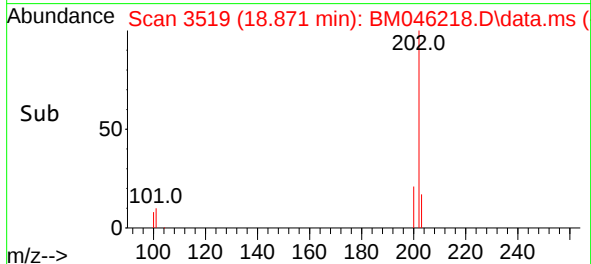
Instrument :
BNA_M
ClientSampleId :
A4D46DL



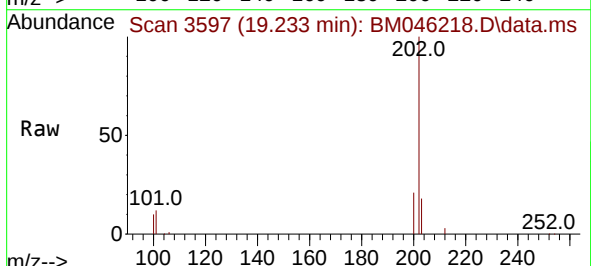
Tgt Ion:202 Resp: 18764
Ion Ratio Lower Upper
202 100
101 10.5 9.6 14.4
100 8.2 7.6 11.4

Manual Integrations
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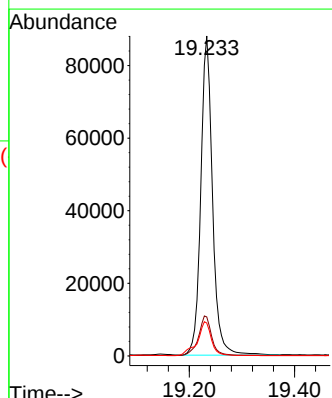
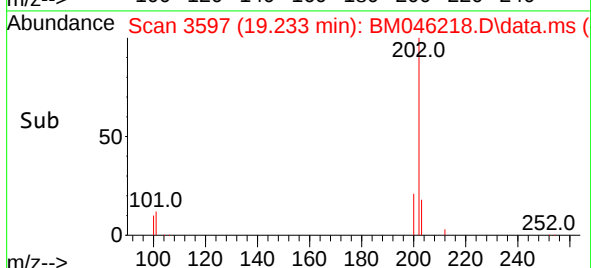
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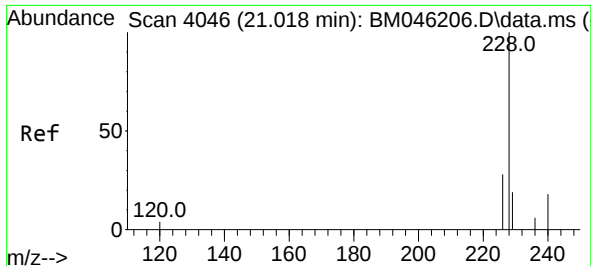


#20
Pyrene
Concen: 4.246 ng/u1
RT: 19.233 min Scan# 3597
Delta R.T. -0.042 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06



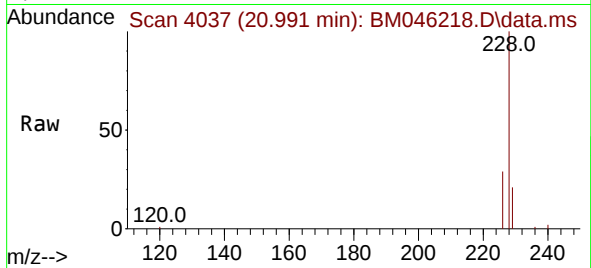
Tgt Ion:202 Resp: 136132
Ion Ratio Lower Upper
202 100
101 12.2 11.3 16.9
100 10.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.907 ng/ul
RT: 20.991 min Scan# 4054
Delta R.T. -0.038 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06

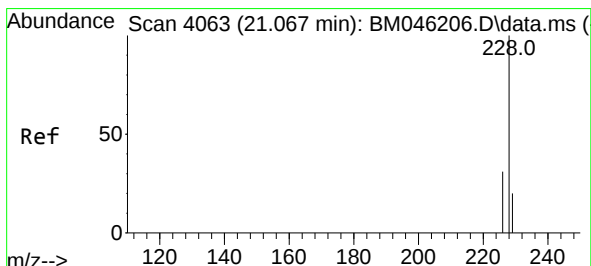
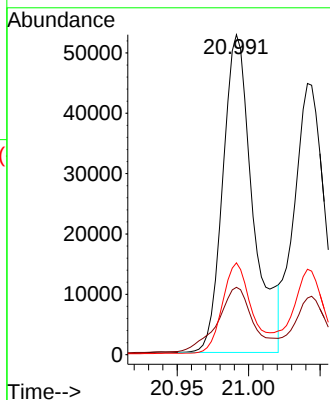
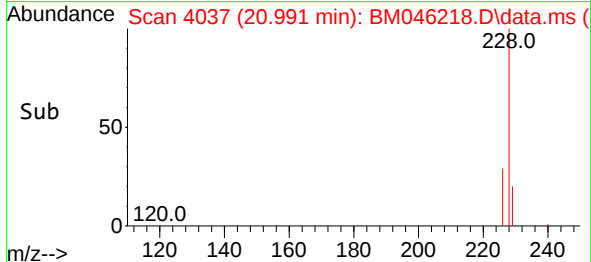
Instrument :
BNA_M
ClientSampleId :
A4D46DL



Tgt Ion:228 Resp: 7687
Ion Ratio Lower Upper
228 100
229 21.0 16.4 24.6
226 28.7 23.4 35.2

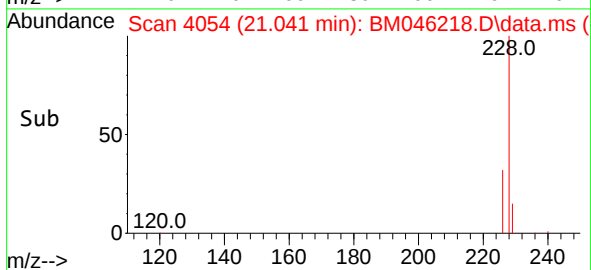
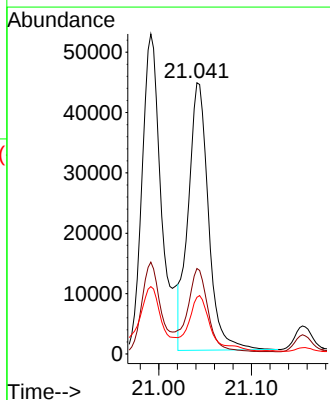
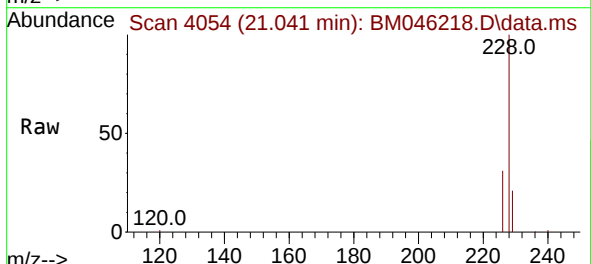
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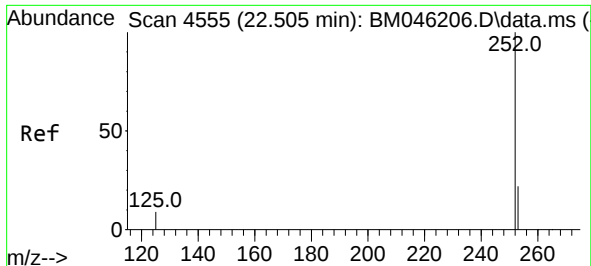
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#22
Chrysene
Concen: 1.990 ng/ul
RT: 21.041 min Scan# 4054
Delta R.T. -0.035 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06

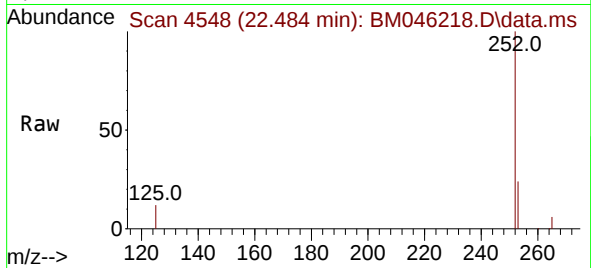
Tgt Ion:228 Resp: 67182
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 20.9 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 3.177 ng/ul m
RT: 22.484 min Scan# 4548
Delta R.T. -0.035 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06

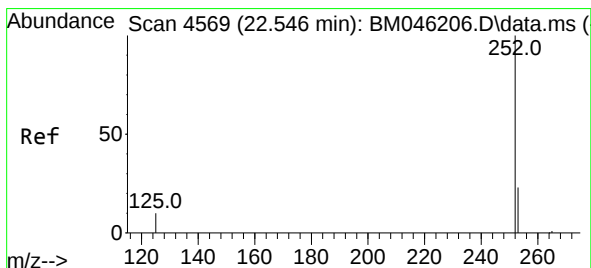
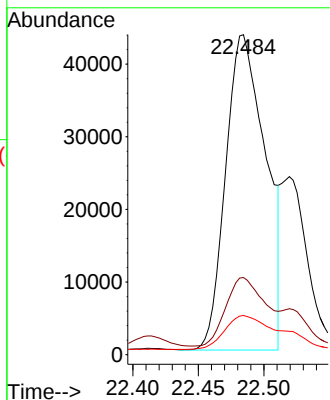
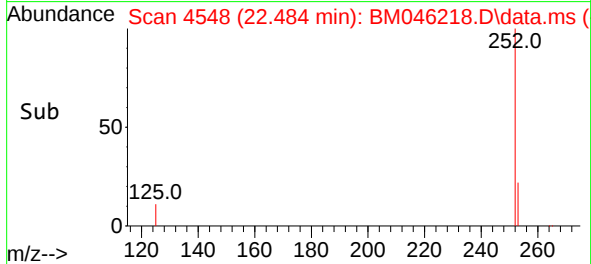
Instrument :
BNA_M
ClientSampleId :
A4D46DL



Tgt Ion:252 Resp: 91930
Ion Ratio Lower Upper
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253 24.1 0.0 65.8
125 12.3 0.0 40.2

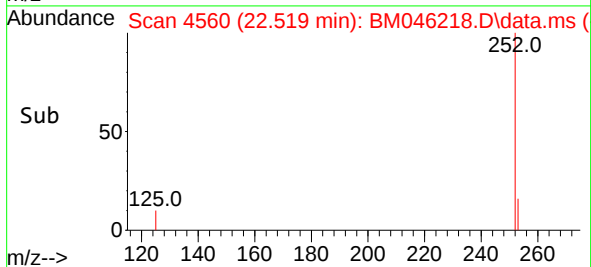
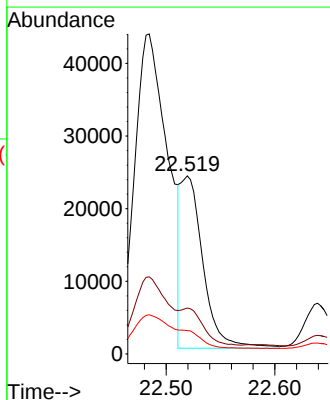
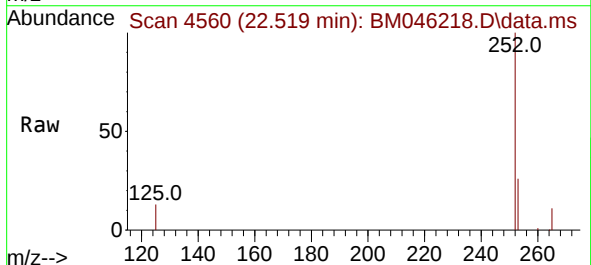
Manual Integrations
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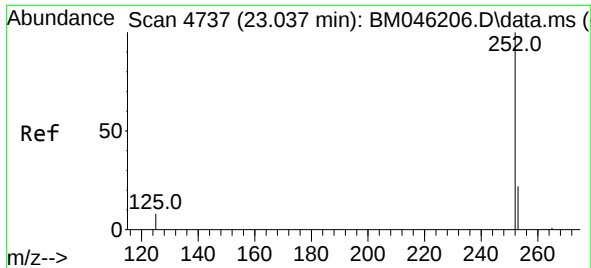
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.994 ng/ul m
RT: 22.519 min Scan# 4560
Delta R.T. -0.044 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06

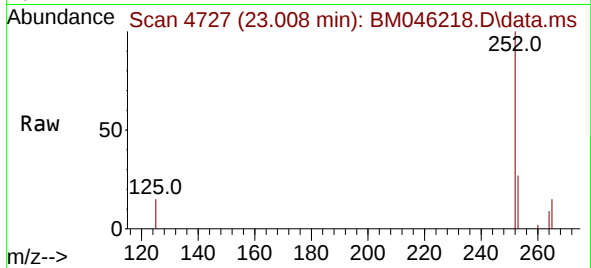
Tgt Ion:252 Resp: 34183
Ion Ratio Lower Upper
252 100
253 25.8 27.2 40.8#
125 13.1 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 1.373 ng/ul
RT: 23.008 min Scan# 41
Delta R.T. -0.047 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06

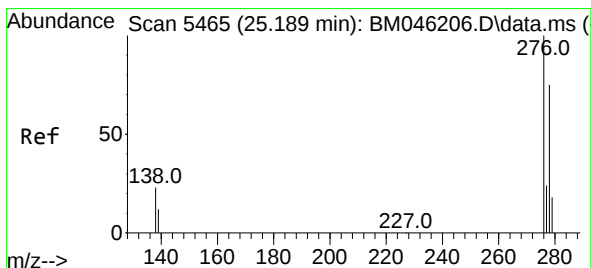
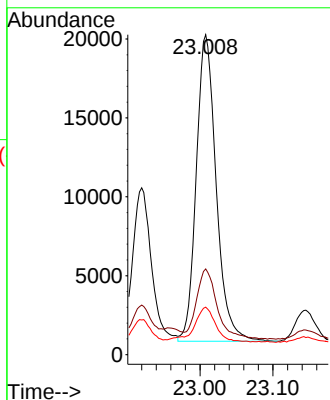
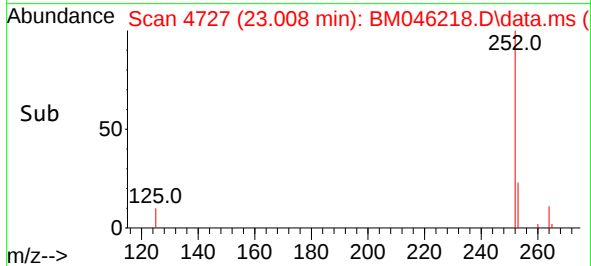
Instrument :
BNA_M
ClientSampleId :
A4D46DL



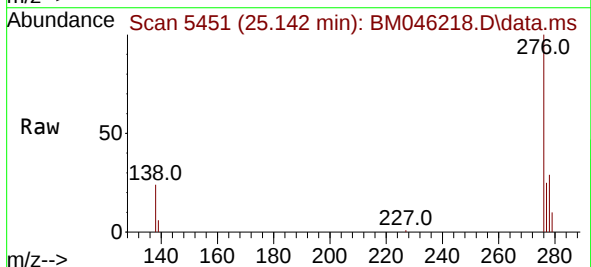
Tgt Ion:252 Resp: 36828
Ion Ratio Lower Upper
252 100
253 26.8 32.1 48.1#
125 14.8 21.2 31.8#

Manual Integrations
APPROVED

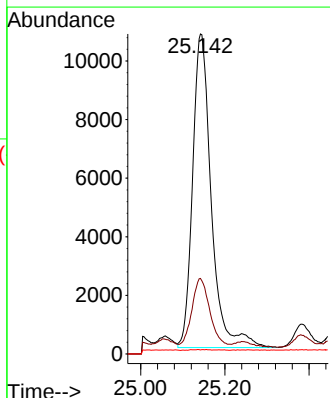
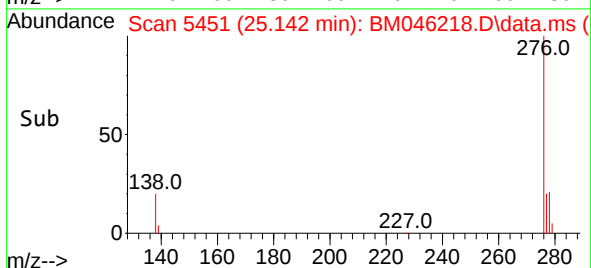
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

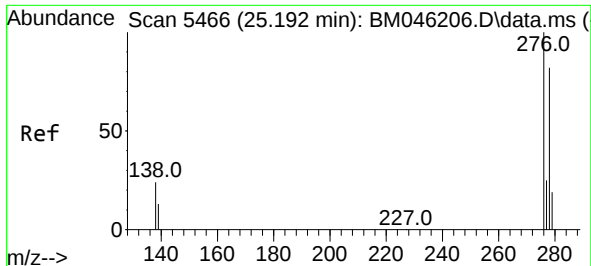


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.751 ng/ul
RT: 25.142 min Scan# 5451
Delta R.T. -0.060 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06



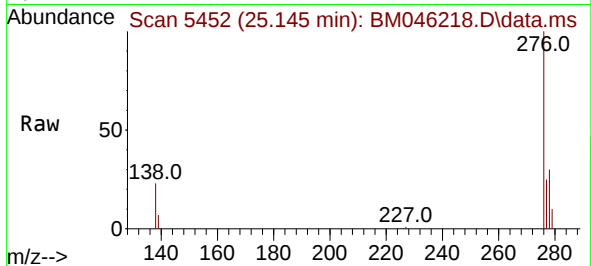
Tgt Ion:276 Resp: 32972
Ion Ratio Lower Upper
276 100
138 20.1 21.0 31.4#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.298 ng/ul
RT: 25.145 min Scan# 5466
Delta R.T. -0.070 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06

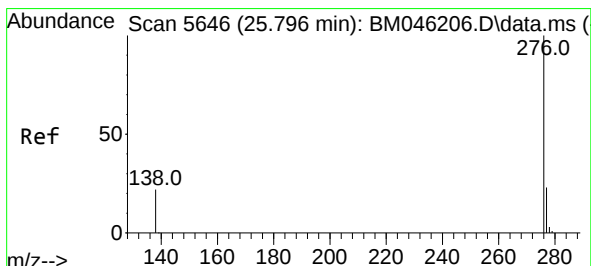
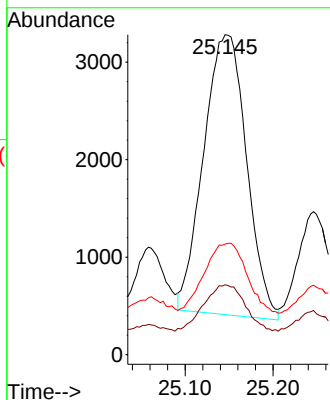
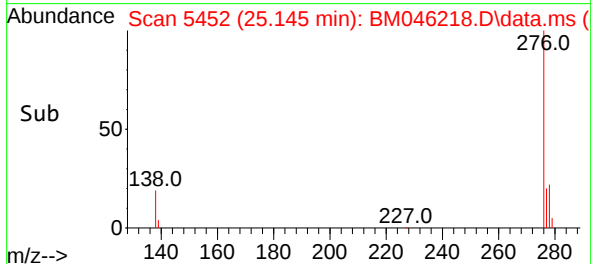
Instrument :
BNA_M
ClientSampleId :
A4D46DL



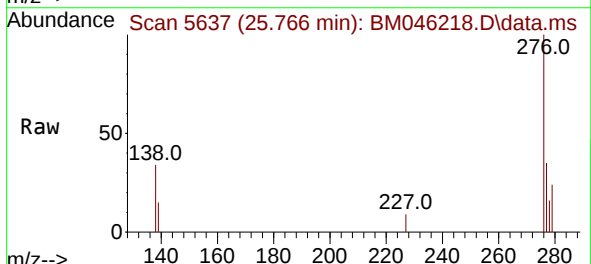
Tgt Ion:278 Resp: 9739
Ion Ratio Lower Upper
278 100
139 21.8 17.6 26.4
279 34.6 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.113 ng/ul
RT: 25.766 min Scan# 5637
Delta R.T. -0.064 min
Lab File: BM046218.D
Acq: 23 Jun 2024 04:06



Tgt Ion:276 Resp: 4242
Ion Ratio Lower Upper
276 100
138 34.3 21.7 32.5#
277 35.2 20.4 30.6#

