

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046219.D
 Acq On : 23 Jun 2024 04:43
 Operator : MA/JU
 Sample : P2775-22DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D59DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 05:23:25 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	7.417	152	2670	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.216	136	9135	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.067	164	5312	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.812	188	10461	0.400	ng/ul	-0.05
17) Chrysene-d12	21.006	240	8284	0.400	ng/ul	-0.04
23) Perylene-d12	23.098	264	11701m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	3041	0.830	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.849	152	560	0.046	ng/ul	-0.02
18) Fluoranthene-d10	18.839	212	1295	0.052	ng/ul	-0.05
Target Compounds					Qvalue	
5) Naphthalene	10.266	128	2757	0.108	ng/ul#	90
7) 2-Methylnaphthalene	11.921	142	911	0.064	ng/ul	92
8) 1-Methylnaphthalene	12.124	142	783	0.050	ng/ul	99
10) Acenaphthylene	13.790	152	13448	0.534	ng/ul	98
11) Acenaphthene	14.132	153	3034	0.167	ng/ul	97
12) Fluorene	15.127	166	4141	0.212	ng/ul	99
15) Phenanthrene	16.850	178	64390	2.191	ng/ul	96
16) Anthracene	16.943	178	17626	0.805	ng/ul	98
19) Fluoranthene	18.867	202	145879	4.067	ng/ul	97
20) Pyrene	19.230	202	113885	2.936	ng/ul	96
21) Benzo(a)anthracene	20.988	228	75849	2.370	ng/ul	99
22) Chrysene	21.041	228	66365	1.625	ng/ul	99
24) Benzo(b)fluoranthene	22.478	252	96596m	2.291	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	39697m	0.792	ng/ul	
26) Benzo(a)pyrene	23.004	252	44604	1.142	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.138	276	39426	0.617	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.142	278	10656	0.224	ng/ul	97
29) Benzo(g,h,i)perylene	25.769	276	5701	0.104	ng/ul#	86

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

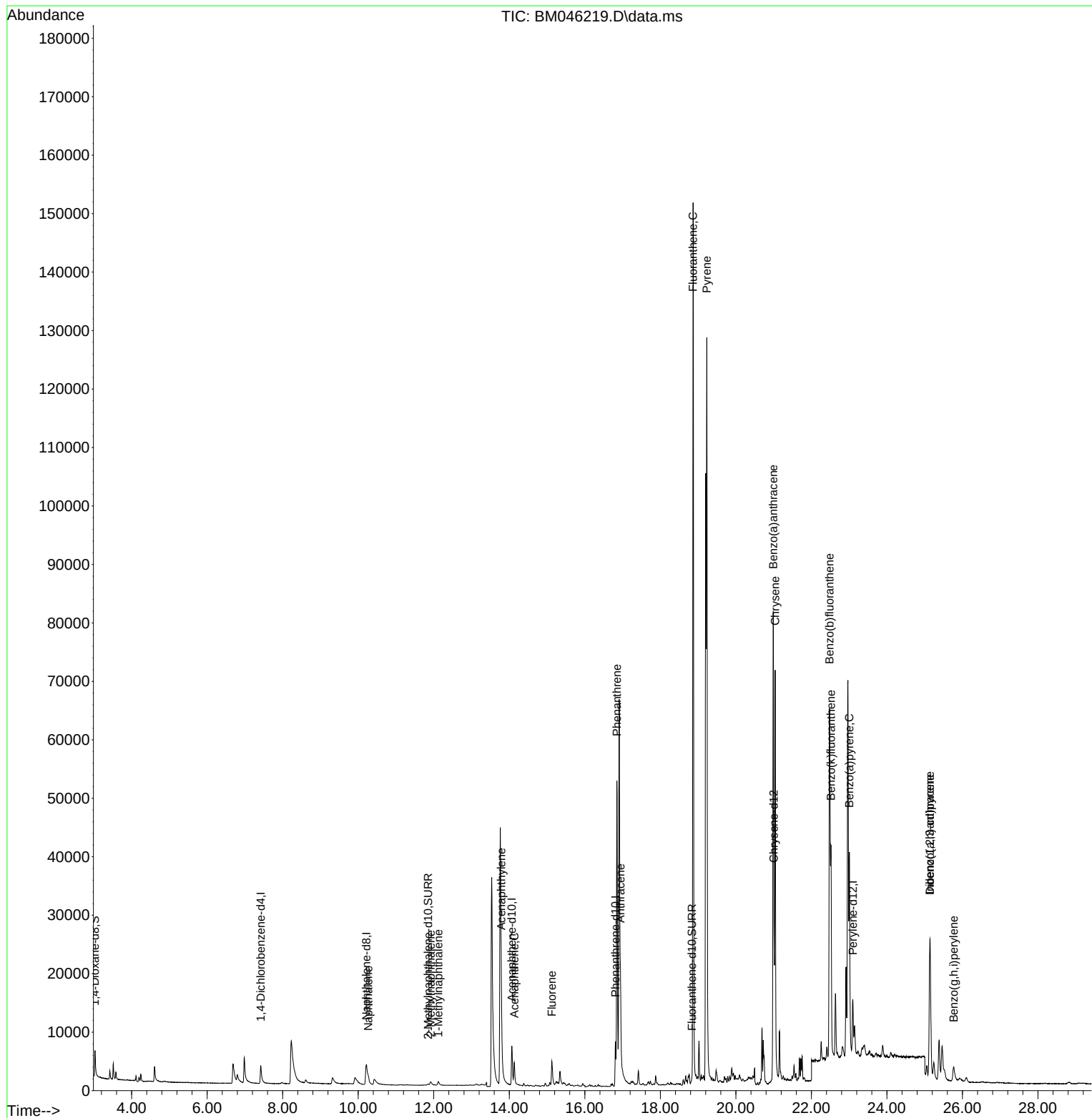
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046219.D
Acq On : 23 Jun 2024 04:43
Operator : MA/JU
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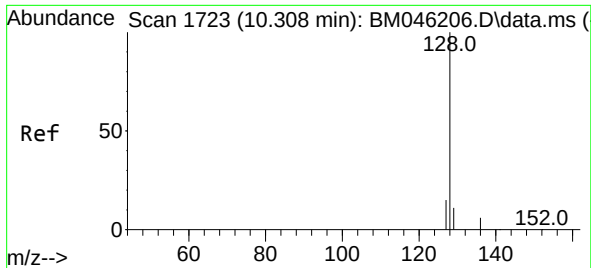
Instrument :
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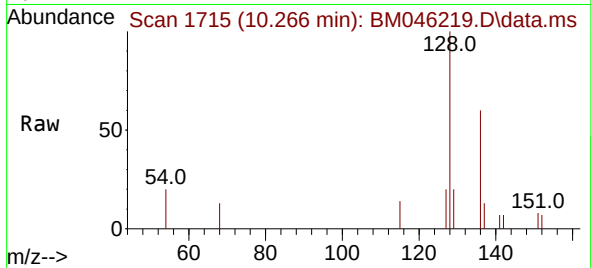
Quant Time: Jun 23 05:23:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 23 01:31:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.108 ng/ul
RT: 10.266 min Scan# 1715
Delta R.T. -0.037 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

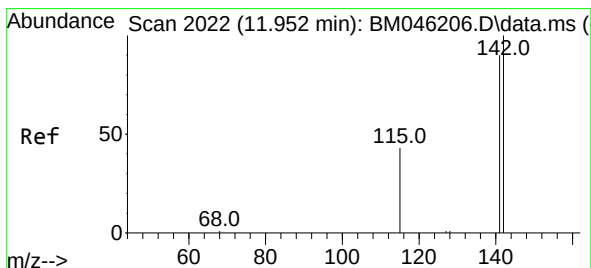
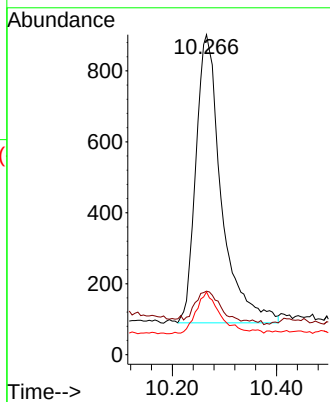
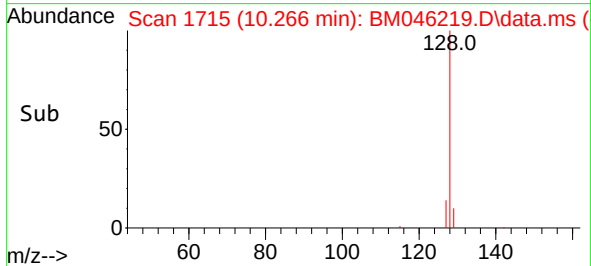
Instrument :
BNA_M
ClientSampleId :
A4D59DL



Tgt Ion:128 Resp: 275
Ion Ratio Lower Upper
128 100
129 19.8 11.8 17.6
127 19.6 12.8 19.2

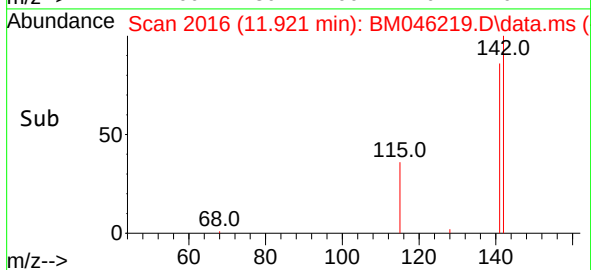
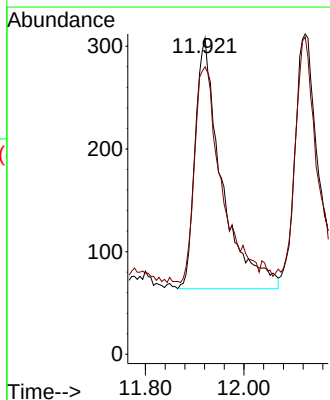
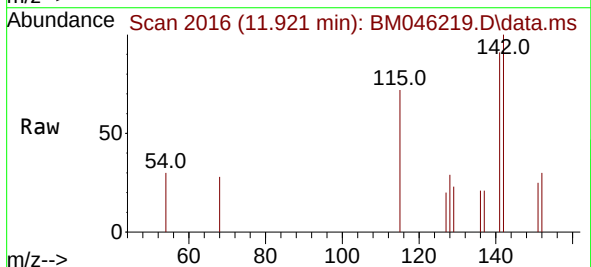
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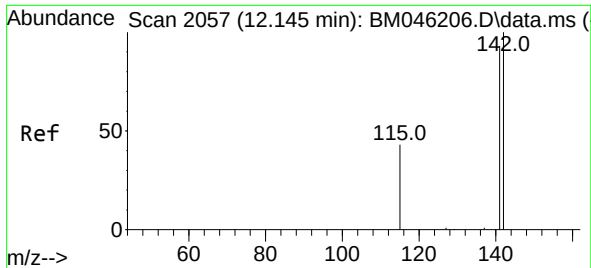
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 11.921 min Scan# 2016
Delta R.T. -0.026 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

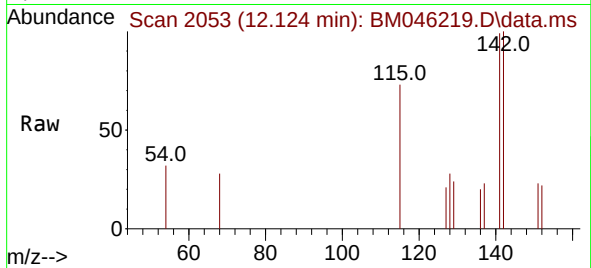
Tgt Ion:142 Resp: 911
Ion Ratio Lower Upper
142 100
141 85.8 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.124 min Scan# 2053
Delta R.T. -0.026 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

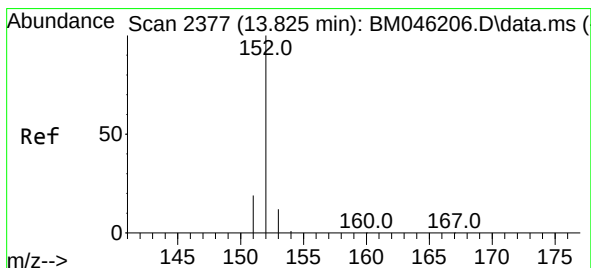
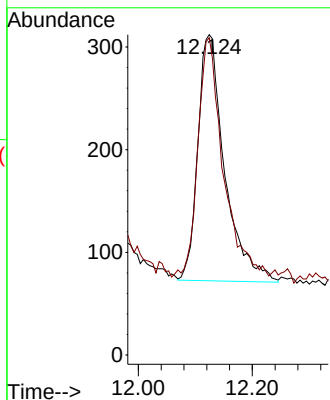
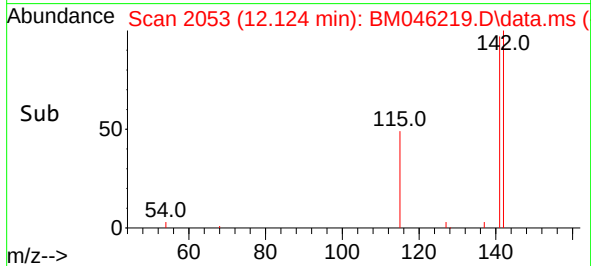
Instrument :
BNA_M
ClientSampleId :
A4D59DL



Tgt Ion:142 Resp: 78
Ion Ratio Lower Upper
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141 95.3 75.2 112.8

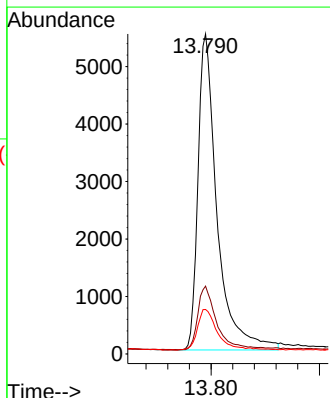
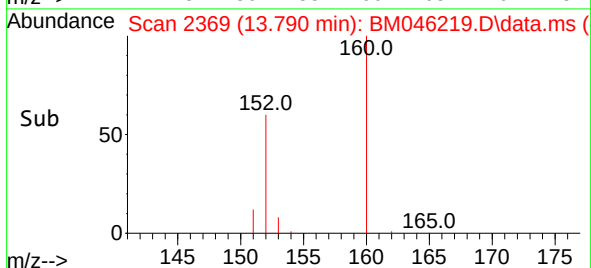
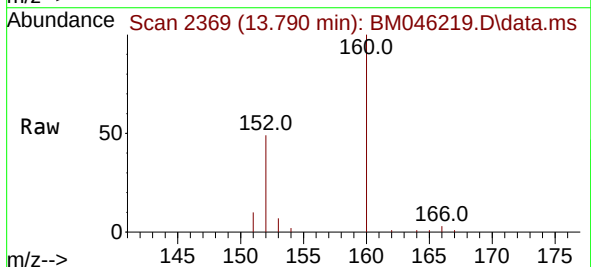
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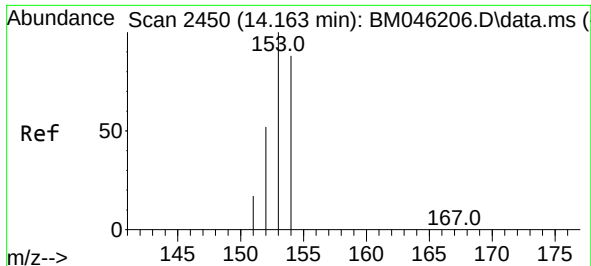
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#10
Acenaphthylene
Concen: 0.534 ng/ul
RT: 13.790 min Scan# 2369
Delta R.T. -0.045 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

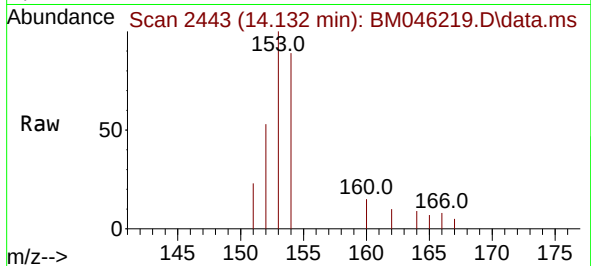
Tgt Ion:152 Resp: 13448
Ion Ratio Lower Upper
152 100
151 21.2 17.4 26.2
153 13.9 11.8 17.8





#11
Acenaphthene
Concen: 0.167 ng/u1
RT: 14.132 min Scan# 24
Delta R.T. -0.040 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

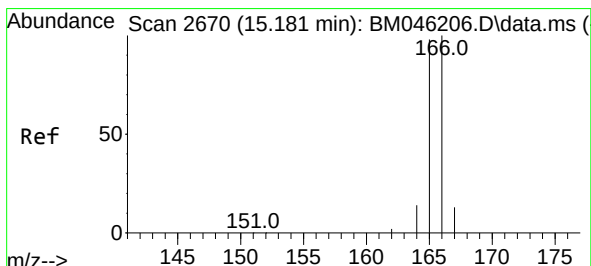
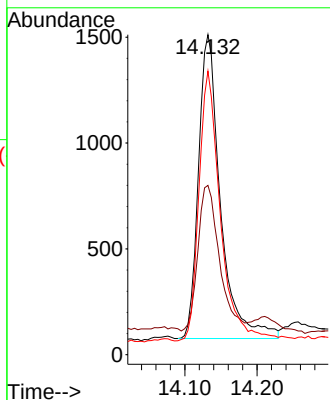
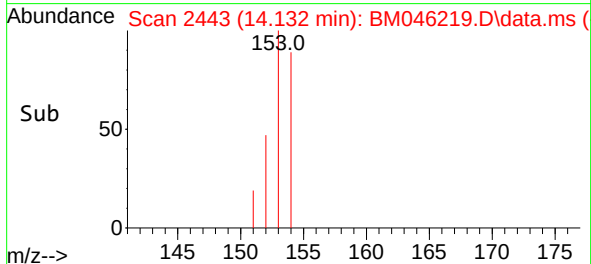
Instrument :
BNA_M
ClientSampleId :
A4D59DL



Tgt Ion:153 Resp: 3034
Ion Ratio Lower Upper
153 100
152 52.9 41.3 61.9
154 88.6 68.2 102.4

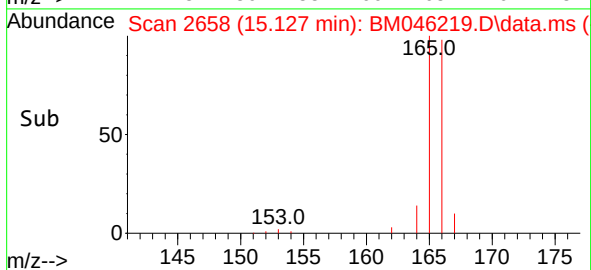
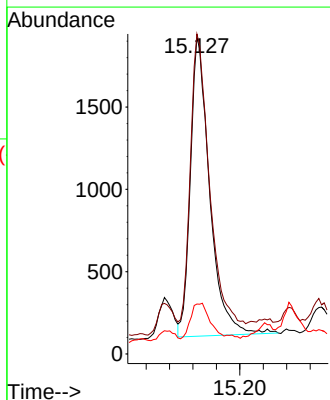
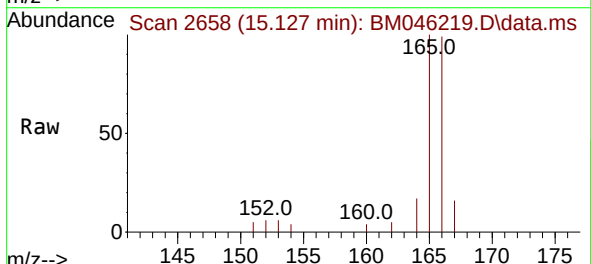
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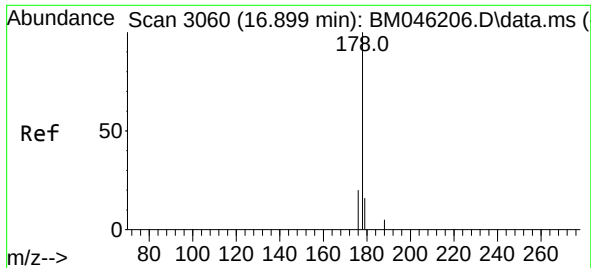
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#12
Fluorene
Concen: 0.212 ng/u1
RT: 15.127 min Scan# 2658
Delta R.T. -0.054 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

Tgt Ion:166 Resp: 4141
Ion Ratio Lower Upper
166 100
165 101.1 80.4 120.6
167 15.8 12.4 18.6





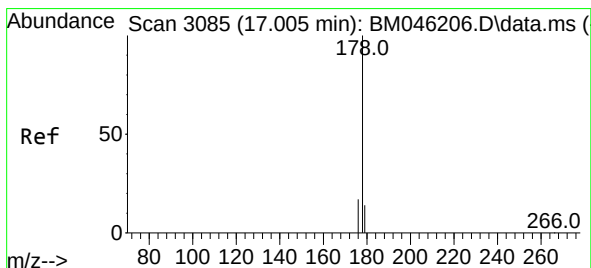
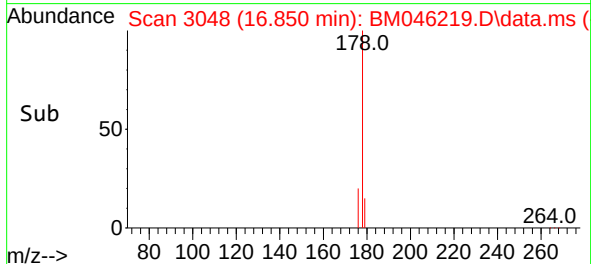
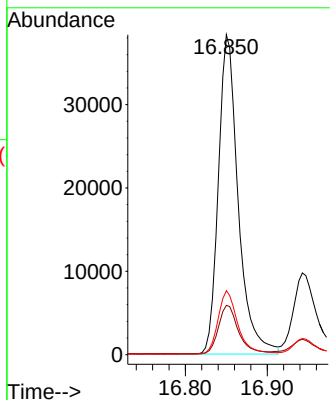
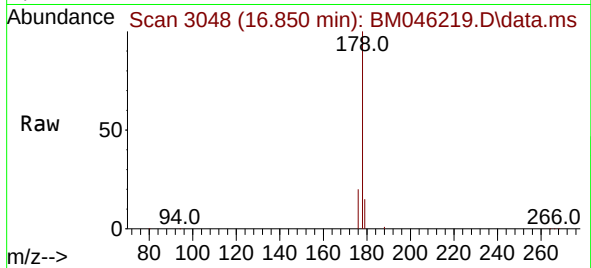
#15
Phenanthrene
Concen: 2.191 ng/ul
RT: 16.850 min Scan# 3060
Delta R.T. -0.054 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

Instrument :
BNA_M
ClientSampleId :
A4D59DL

Tgt Ion:178 Resp: 64390
Ion Ratio Lower Upper
178 100
179 15.4 14.2 21.2
176 20.0 17.1 25.7

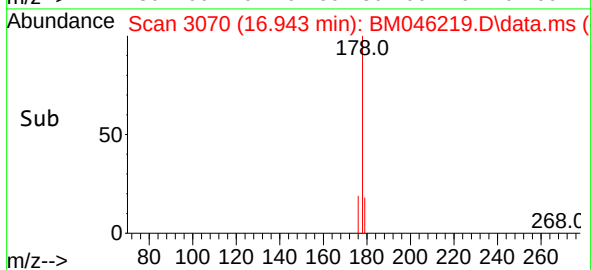
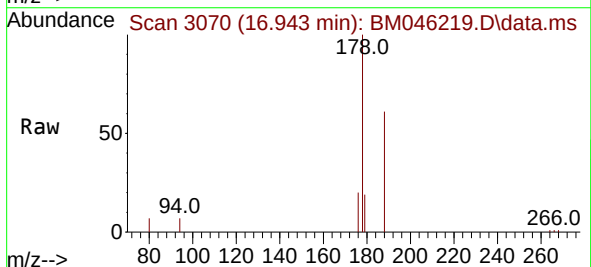
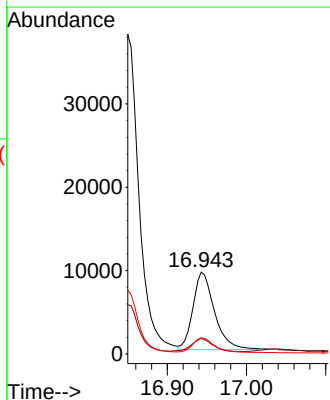
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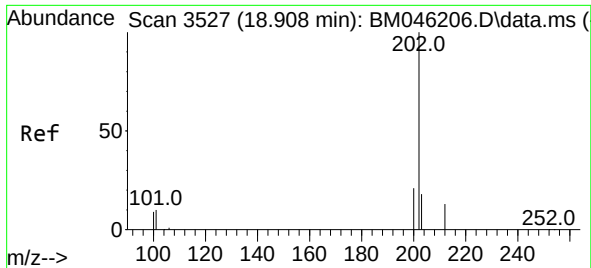
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#16
Anthracene
Concen: 0.805 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.062 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

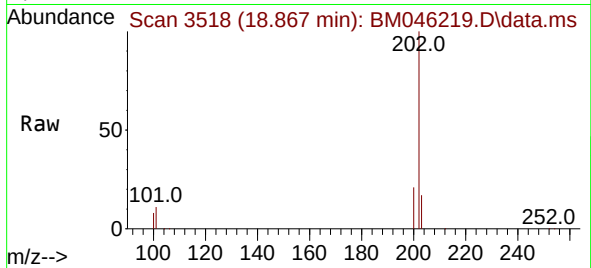
Tgt Ion:178 Resp: 17626
Ion Ratio Lower Upper
178 100
179 19.1 14.9 22.3
176 19.8 17.0 25.4





#19
Fluoranthene
Concen: 4.067 ng/u1
RT: 18.867 min Scan# 3518
Delta R.T. -0.050 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

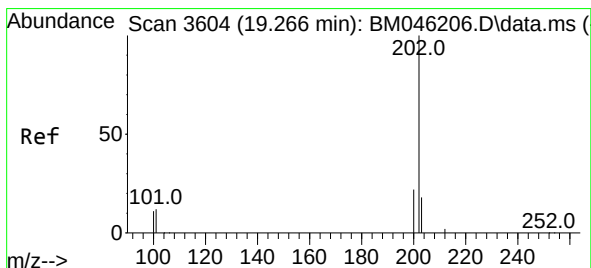
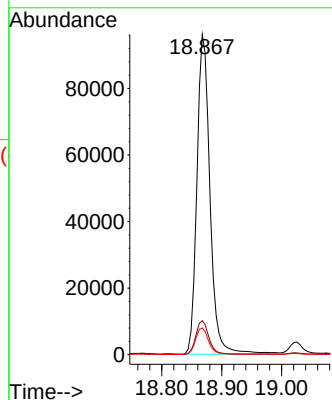
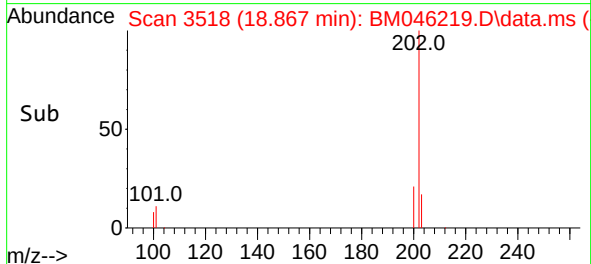
Instrument :
BNA_M
ClientSampleId :
A4D59DL



Tgt Ion:202 Resp: 145879
Ion Ratio Lower Upper
202 100
101 10.6 9.6 14.4
100 8.4 7.6 11.4

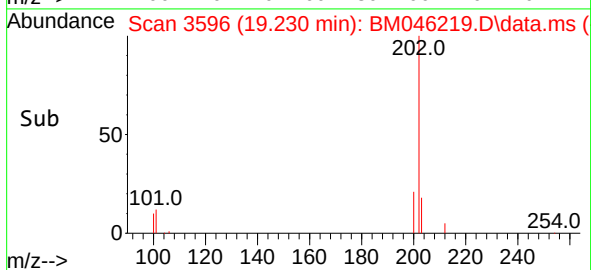
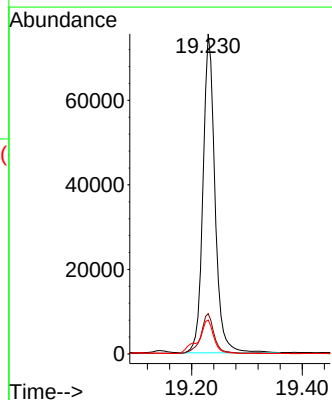
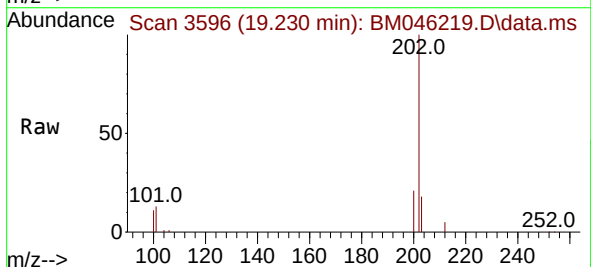
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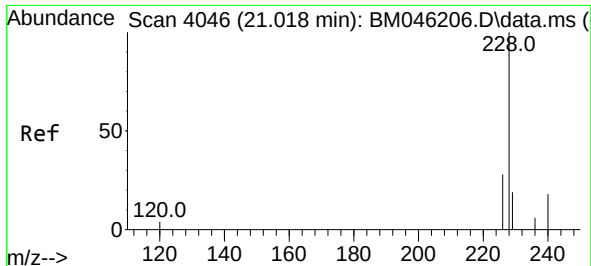
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#20
Pyrene
Concen: 2.936 ng/u1
RT: 19.230 min Scan# 3596
Delta R.T. -0.045 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

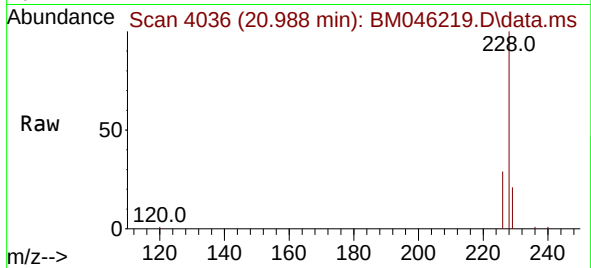
Tgt Ion:202 Resp: 113885
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 10.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.370 ng/ul
RT: 20.988 min Scan# 4054
Delta R.T. -0.041 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

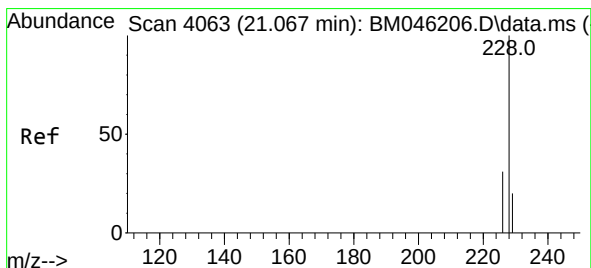
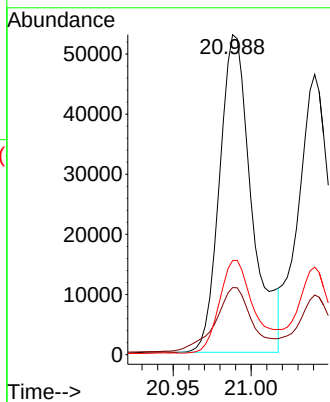
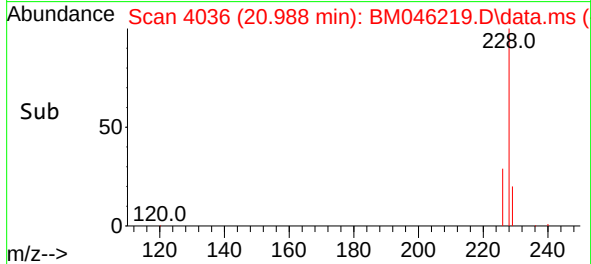
Instrument :
BNA_M
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A4D59DL



Tgt Ion:228 Resp: 75849
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 29.4 23.4 35.2

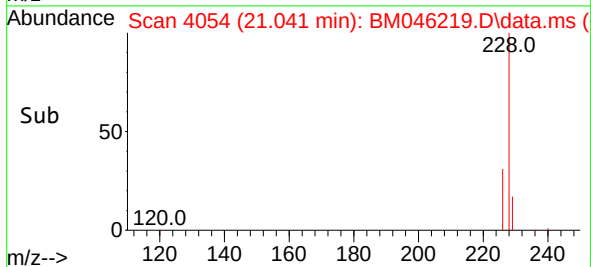
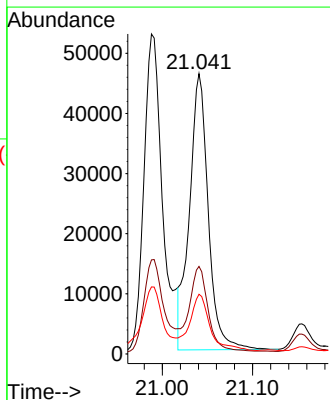
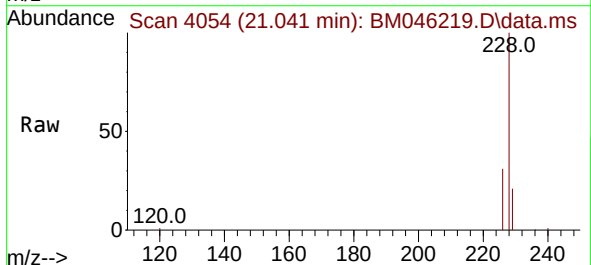
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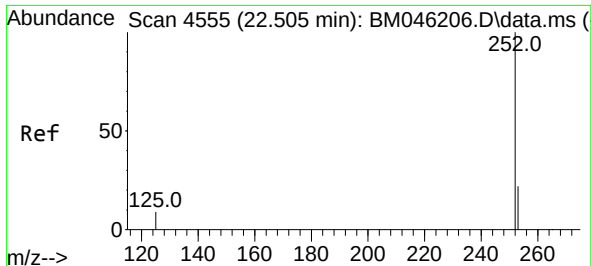
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#22
Chrysene
Concen: 1.625 ng/ul
RT: 21.041 min Scan# 4054
Delta R.T. -0.035 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

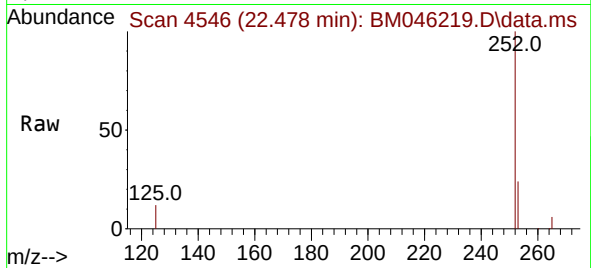
Tgt Ion:228 Resp: 66365
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 21.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 2.291 ng/ul m
RT: 22.478 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

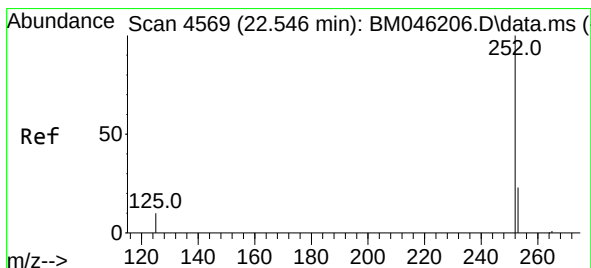
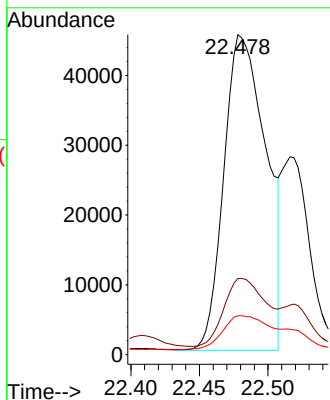
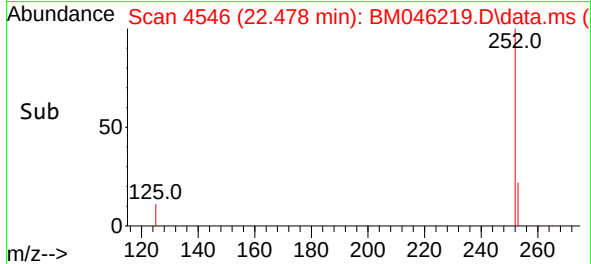
Instrument :
BNA_M
ClientSampleId :
A4D59DL



Tgt Ion:252 Resp: 96590
Ion Ratio Lower Upper
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253 23.9 0.0 65.8
125 12.2 0.0 40.2

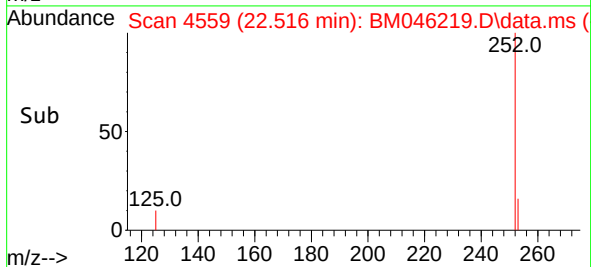
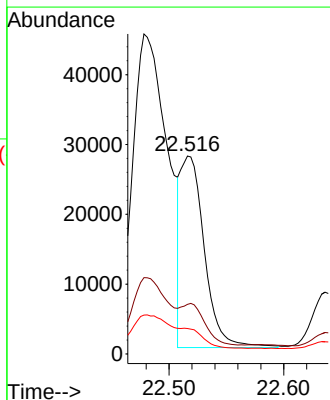
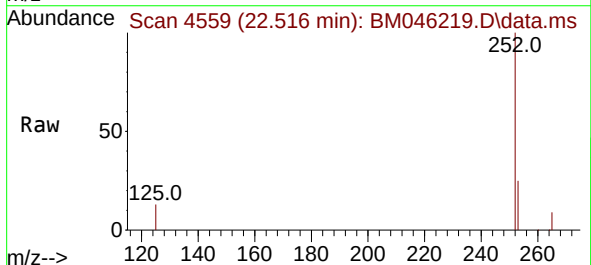
Manual Integrations
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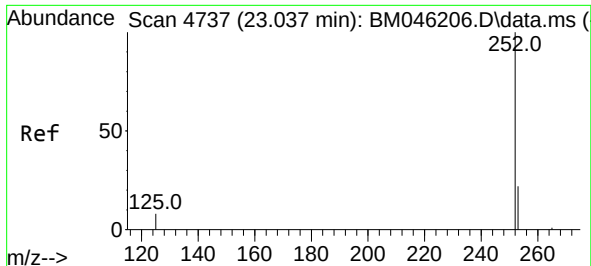
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.792 ng/ul m
RT: 22.516 min Scan# 4559
Delta R.T. -0.047 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

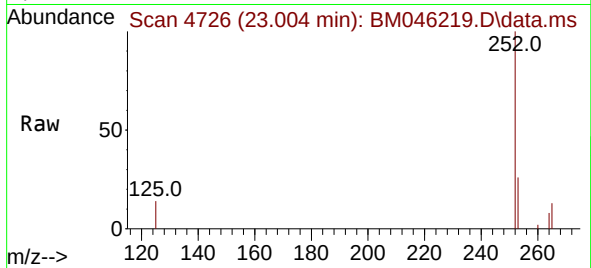
Tgt Ion:252 Resp: 39697
Ion Ratio Lower Upper
252 100
253 25.0 27.2 40.8#
125 12.8 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 1.142 ng/ul
RT: 23.004 min Scan# 41
Delta R.T. -0.050 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

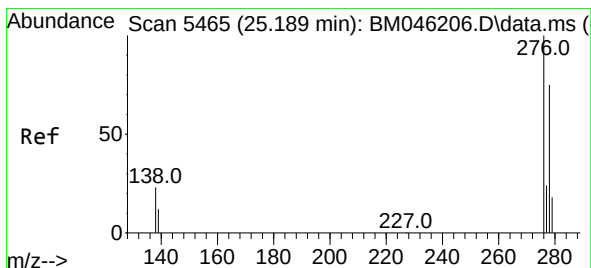
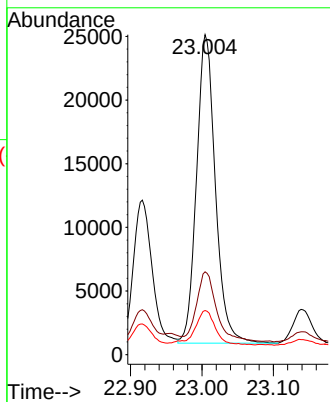
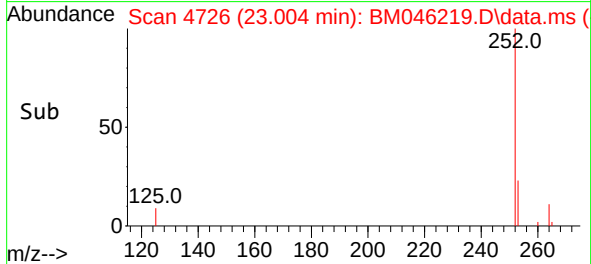
Instrument :
BNA_M
ClientSampleId :
A4D59DL



Tgt Ion:252 Resp: 44604
Ion Ratio Lower Upper
252 100
253 25.9 32.1 48.1#
125 13.8 21.2 31.8#

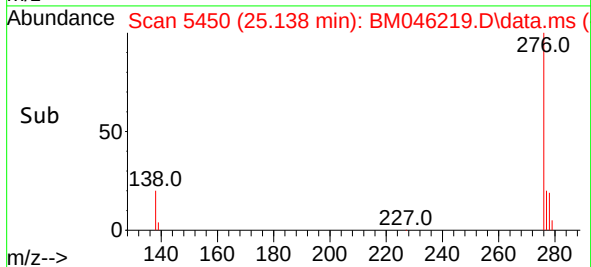
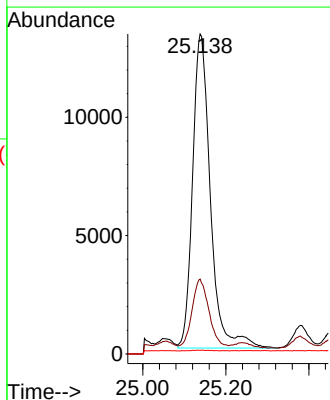
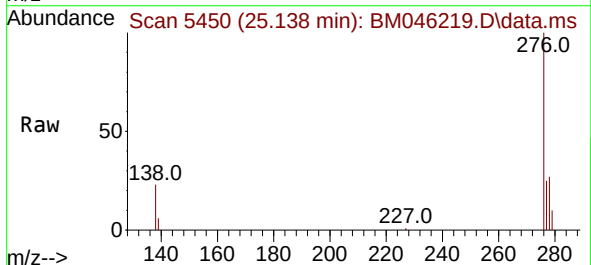
Manual Integrations
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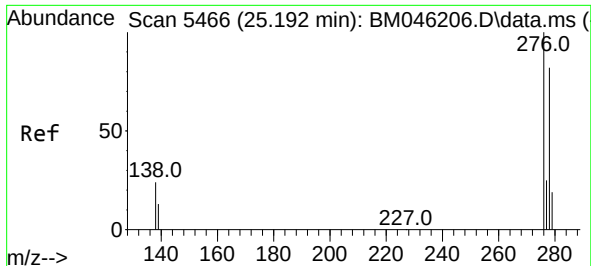
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.617 ng/ul
RT: 25.138 min Scan# 5450
Delta R.T. -0.064 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

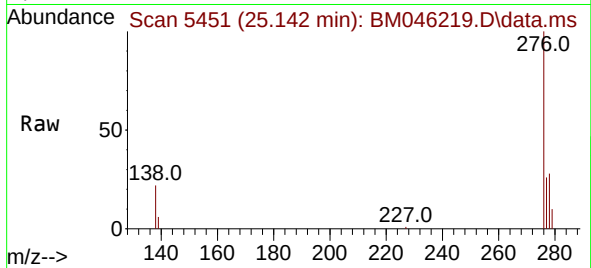
Tgt Ion:276 Resp: 39426
Ion Ratio Lower Upper
276 100
138 20.2 21.0 31.4#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.224 ng/ul
RT: 25.142 min Scan# 5466
Delta R.T. -0.074 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43

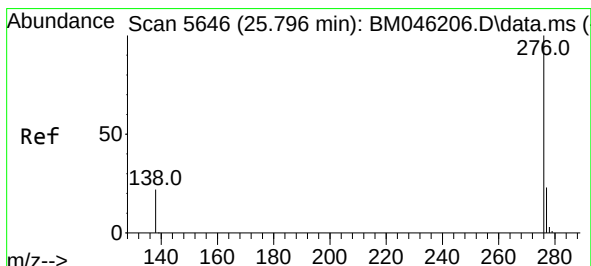
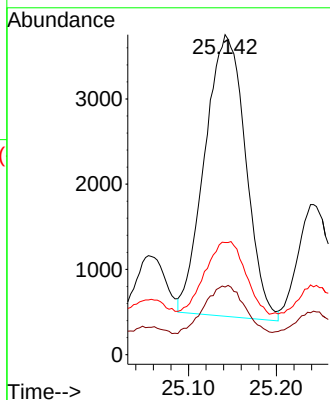
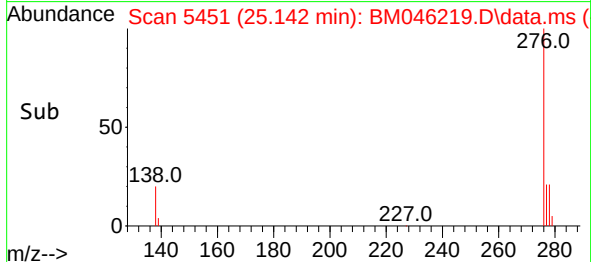
Instrument :
BNA_M
ClientSampleId :
A4D59DL



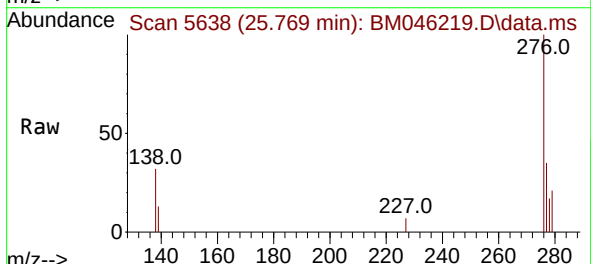
Tgt Ion:278 Resp: 10650
Ion Ratio Lower Upper
278 100
139 21.2 17.6 26.4
279 35.0 26.3 39.5

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



#29
Benzo(g,h,i)perylene
Concen: 0.104 ng/ul
RT: 25.769 min Scan# 5638
Delta R.T. -0.061 min
Lab File: BM046219.D
Acq: 23 Jun 2024 04:43



Tgt Ion:276 Resp: 5701
Ion Ratio Lower Upper
276 100
138 32.0 21.7 32.5
277 34.6 20.4 30.6#

