

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046287.D
 Acq On : 25 Jun 2024 12:18
 Operator : MA/JU
 Sample : P2844-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C85

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 12:59:30 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 : Tue Jun 25 08:04:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.400	152	2452	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.176	136	7243	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.047	164	4022	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.798	188	8181	0.400	ng/ul	-0.06
17) Chrysene-d12	21.003	240	6476	0.400	ng/ul	-0.02
23) Perylene-d12	23.087	264	6994m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	6573	1.954	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.815	152	1356	0.139	ng/ul	-0.06
18) Fluoranthene-d10	18.829	212	2890	0.149	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.220	128	812	0.040	ng/ul#	68
7) 2-Methylnaphthalene	11.887	142	294	0.026	ng/ul	92
8) 1-Methylnaphthalene	12.090	142	297	0.024	ng/ul	97
10) Acenaphthylene	13.765	152	1782	0.093	ng/ul#	83
11) Acenaphthene	14.112	153	1303	0.095	ng/ul	95
12) Fluorene	15.107	166	1516	0.103	ng/ul#	95
15) Phenanthrene	16.836	178	34916	1.519	ng/ul	96
16) Anthracene	16.929	178	6287	0.367	ng/ul#	95
19) Fluoranthene	18.861	202	69000	2.461	ng/ul	96
20) Pyrene	19.224	202	50582	1.668	ng/ul	96
21) Benzo(a)anthracene	20.988	228	28585	1.143	ng/ul	100
22) Chrysene	21.038	228	28566	0.895	ng/ul	99
24) Benzo(b)fluoranthene	22.476	252	43212m	1.715	ng/ul	
25) Benzo(k)fluoranthene	22.508	252	17223m	0.575	ng/ul	
26) Benzo(a)pyrene	22.999	252	16734m	0.717	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.135	276	17157	0.449	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.139	278	4702	0.165	ng/ul#	84
29) Benzo(g,h,i)perylene	25.759	276	2430	0.074	ng/ul#	66

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

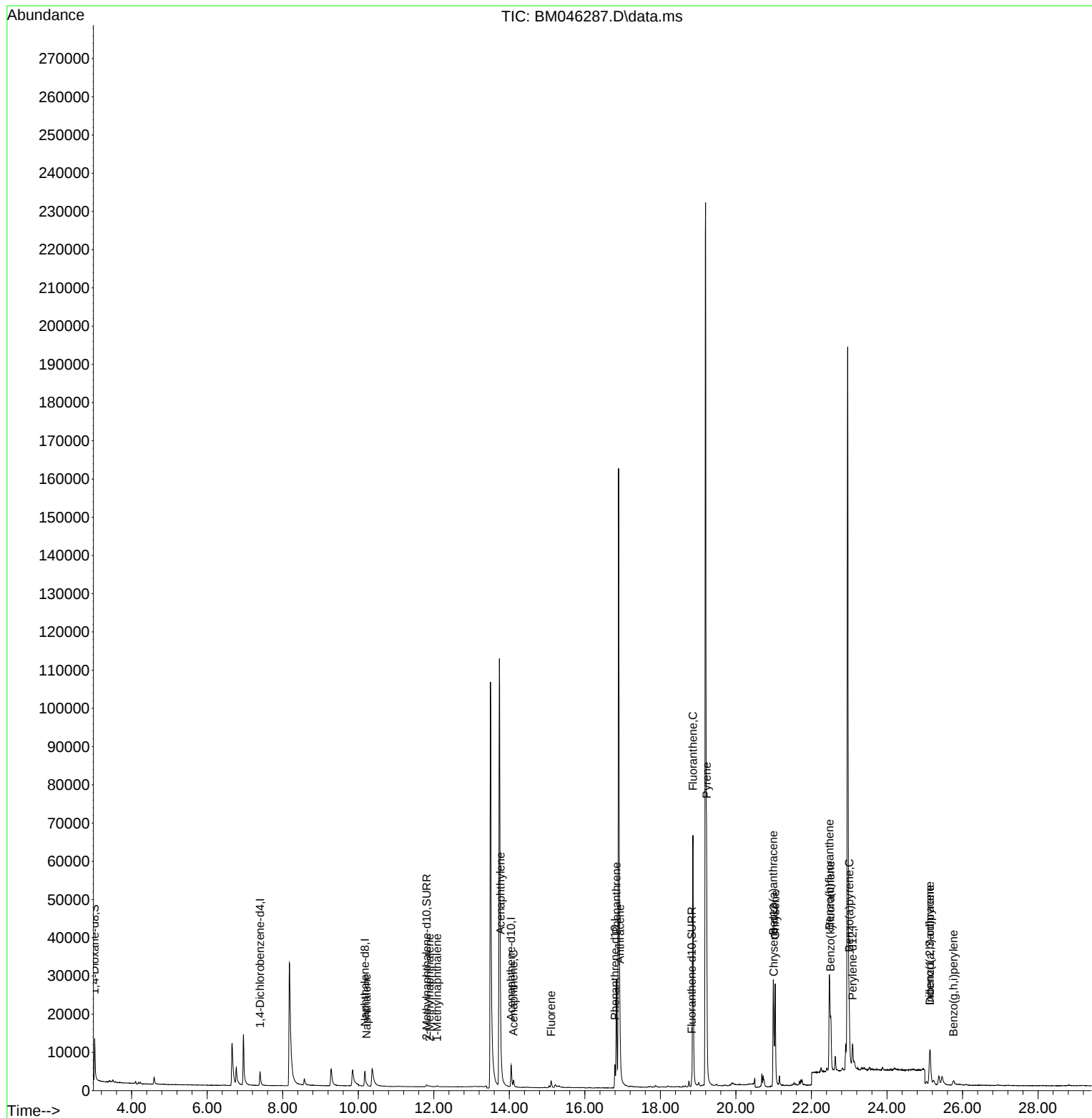
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046287.D
Acq On : 25 Jun 2024 12:18
Operator : MA/JU
Sample : P2844-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

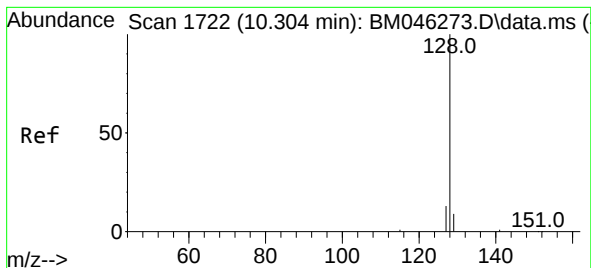
Instrument :
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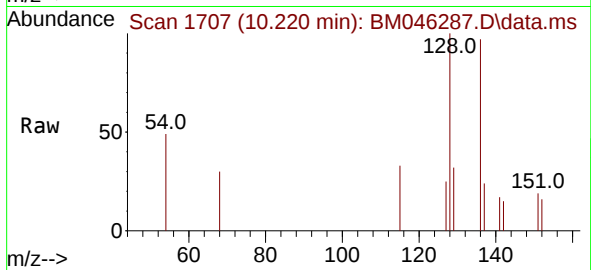
Quant Time: Jun 25 12:59:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.220 min Scan# 1722
Delta R.T. -0.084 min
Lab File: BM046287.D
Acq: 25 Jun 2024 12:18

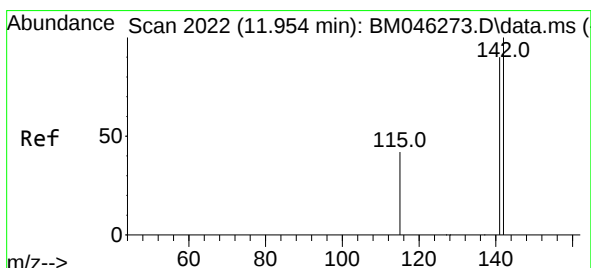
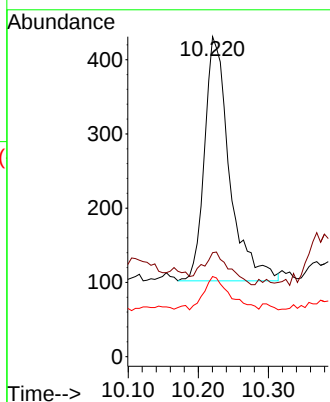
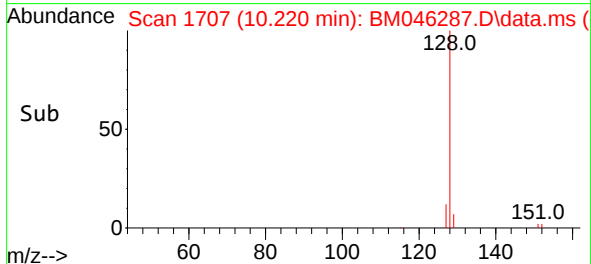
Instrument :
BNA_M
ClientSampleId :
A4C85



Tgt Ion:128 Resp: 812
Ion Ratio Lower Upper
128 100
129 32.5 11.8 17.6
127 25.1 12.8 19.2

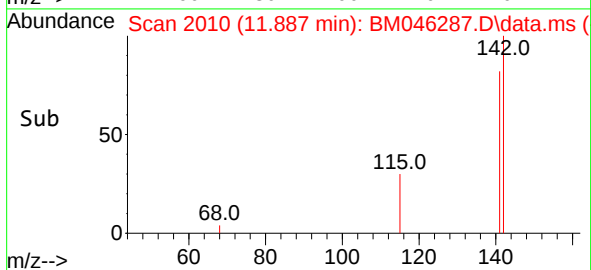
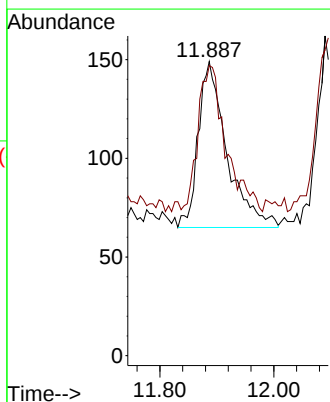
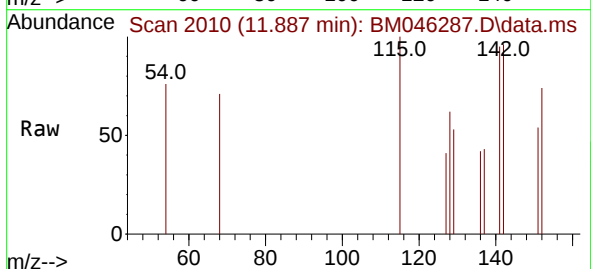
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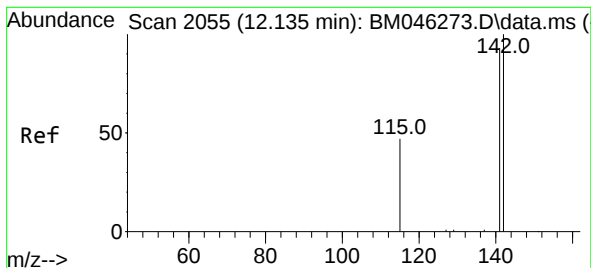
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 11.887 min Scan# 2010
Delta R.T. -0.067 min
Lab File: BM046287.D
Acq: 25 Jun 2024 12:18

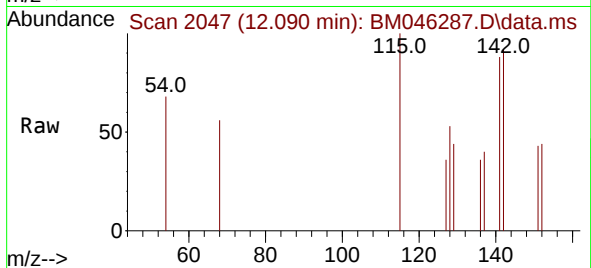
Tgt Ion:142 Resp: 294
Ion Ratio Lower Upper
142 100
141 85.0 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.024 ng/u1
RT: 12.090 min Scan# 2055
Delta R.T. -0.045 min
Lab File: BM046287.D
Acq: 25 Jun 2024 12:18

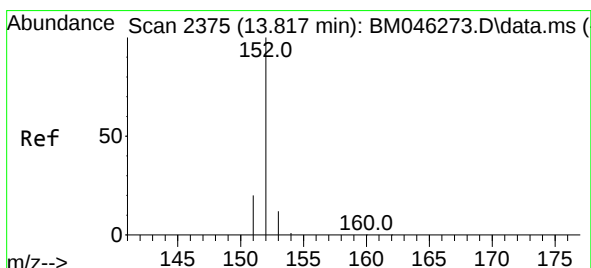
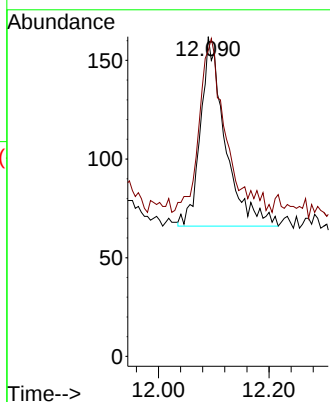
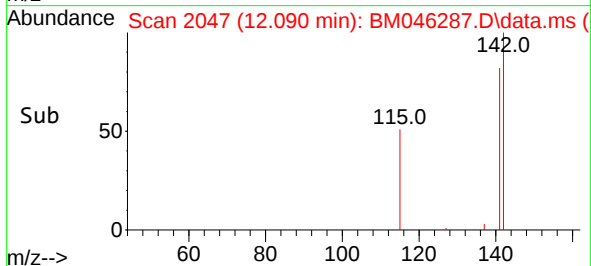
Instrument :
BNA_M
ClientSampleId :
A4C85



Tgt Ion:142 Resp: 297
Ion Ratio Lower Upper
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141 97.3 75.2 112.8

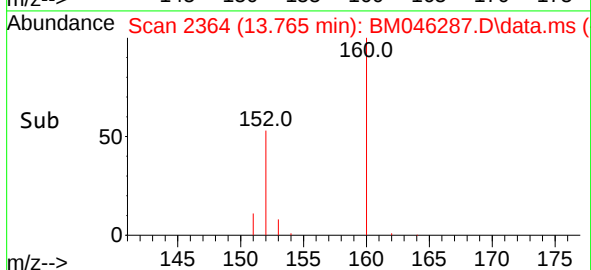
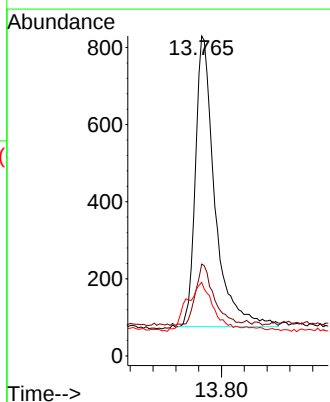
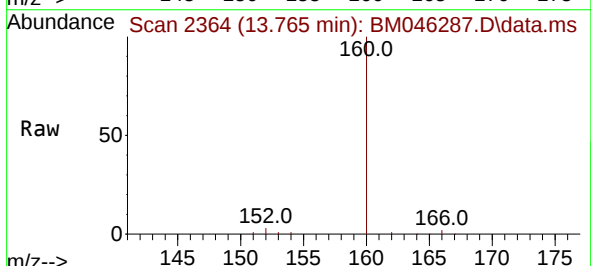
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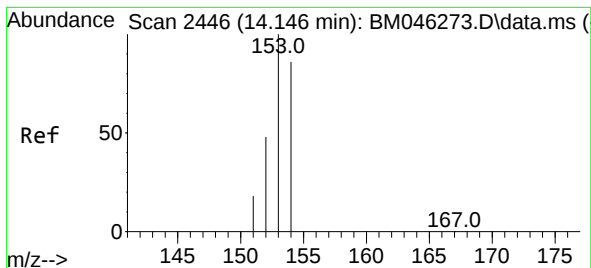
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 0.093 ng/u1
RT: 13.765 min Scan# 2364
Delta R.T. -0.052 min
Lab File: BM046287.D
Acq: 25 Jun 2024 12:18

Tgt Ion:152 Resp: 1782
Ion Ratio Lower Upper
152 100
151 28.7 17.4 26.2#
153 23.0 11.8 17.8#





#11

Acenaphthene

Concen: 0.095 ng/u1

RT: 14.112 min Scan# 2446

Delta R.T. -0.034 min

Lab File: BM046287.D

Acq: 25 Jun 2024 12:18

Instrument :

BNA_M

ClientSampleId :

A4C85

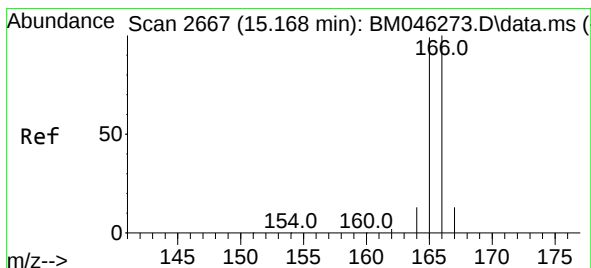
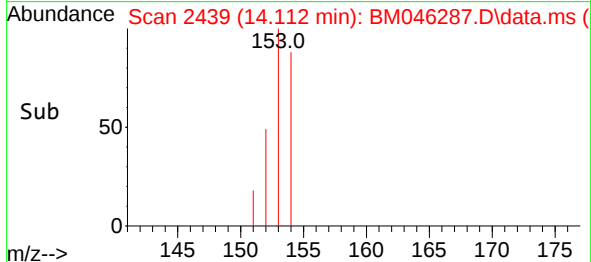
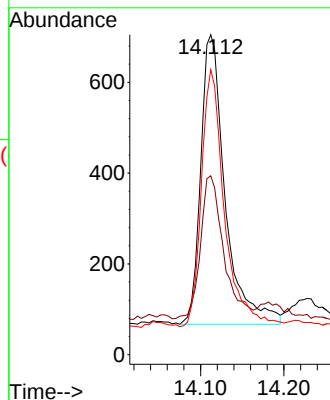
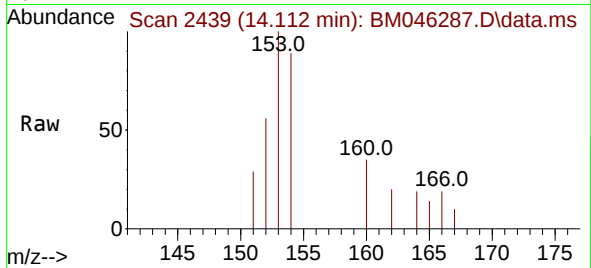
Tgt Ion:	153	Resp:	130
Ion Ratio	Lower	Upper	
153	100		
152	55.9	41.3	61.9
154	89.1	68.2	102.4

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Supervised By :mohammad ahmed 06/27/2024



#12

Fluorene

Concen: 0.103 ng/u1

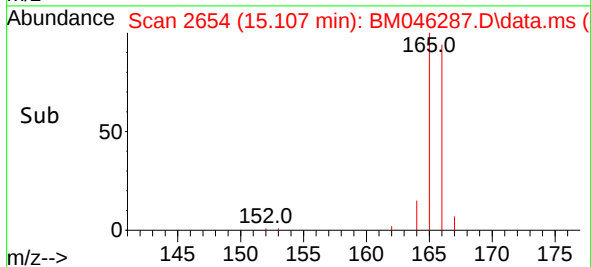
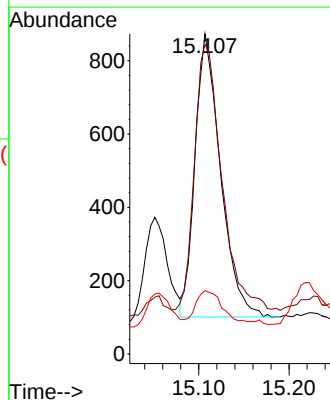
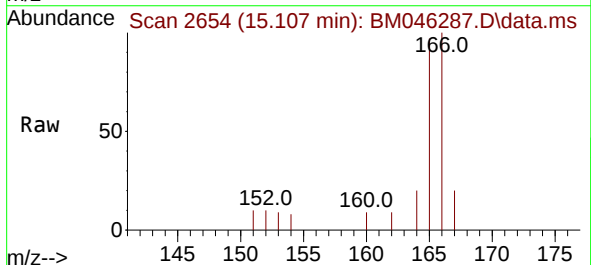
RT: 15.107 min Scan# 2654

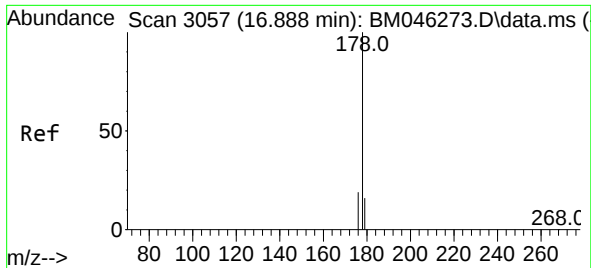
Delta R.T. -0.061 min

Lab File: BM046287.D

Acq: 25 Jun 2024 12:18

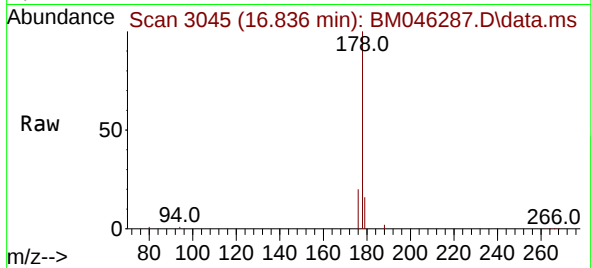
Tgt Ion:	166	Resp:	1516
Ion Ratio	Lower	Upper	
166	100		
165	96.7	80.4	120.6
167	19.8	12.4	18.6





#15
Phenanthrene
Concen: 1.519 ng/u1
RT: 16.836 min Scan# 3045
Delta R.T. -0.052 min
Lab File: BM046287.D
Acq: 25 Jun 2024 12:18

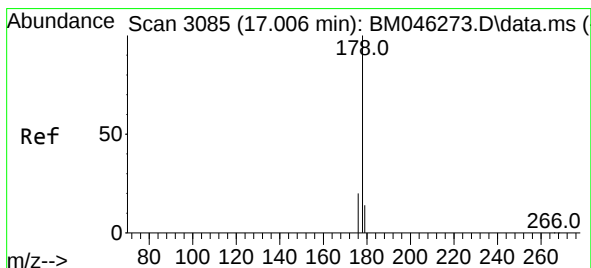
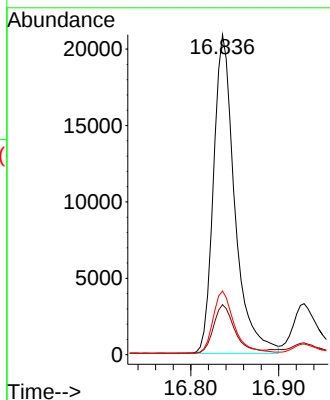
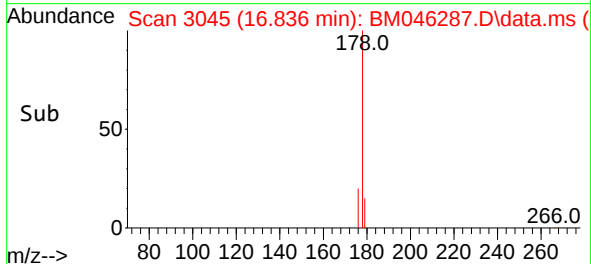
Instrument :
BNA_M
ClientSampleId :
A4C85



Tgt Ion:178 Resp: 34910
Ion Ratio Lower Upper
178 100
179 15.7 14.2 21.2
176 19.9 17.1 25.7

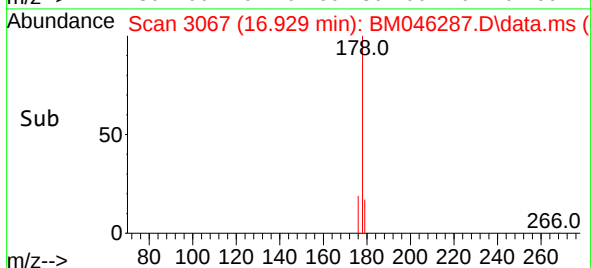
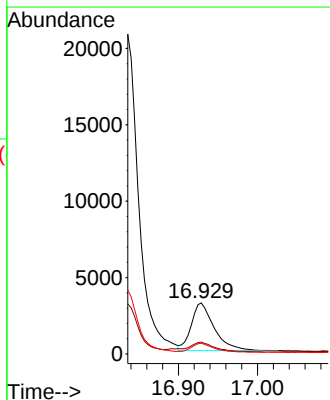
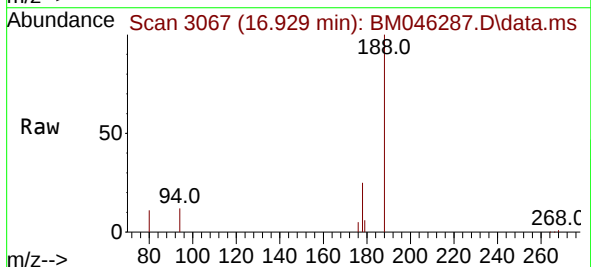
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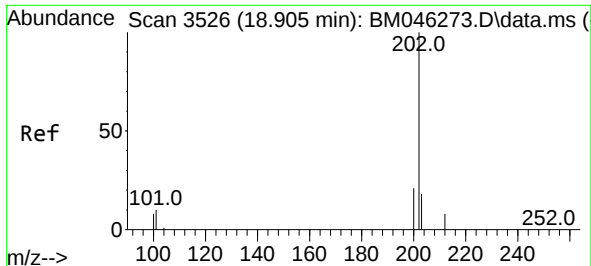
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 0.367 ng/u1
RT: 16.929 min Scan# 3067
Delta R.T. -0.077 min
Lab File: BM046287.D
Acq: 25 Jun 2024 12:18

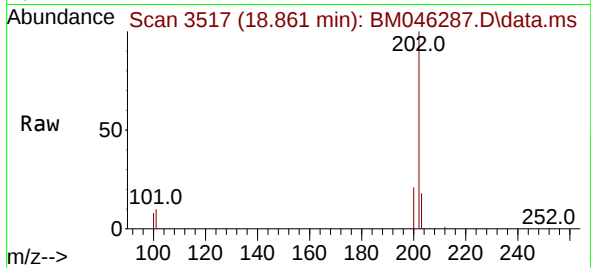
Tgt Ion:178 Resp: 6287
Ion Ratio Lower Upper
178 100
179 23.3 14.9 22.3#
176 20.9 17.0 25.4





#19
Fluoranthene
Concen: 2.461 ng/u1
RT: 18.861 min Scan# 3517
Delta R.T. -0.043 min
Lab File: BM046287.D
Acq: 25 Jun 2024 12:18

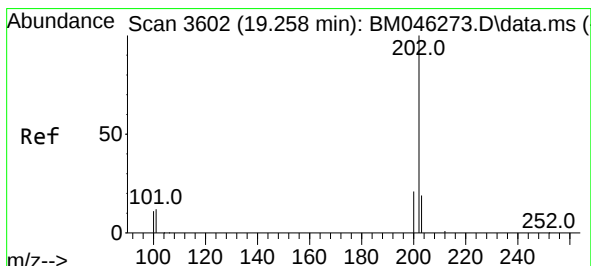
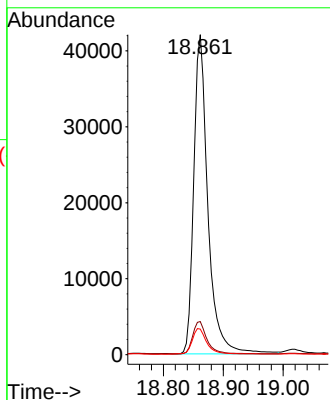
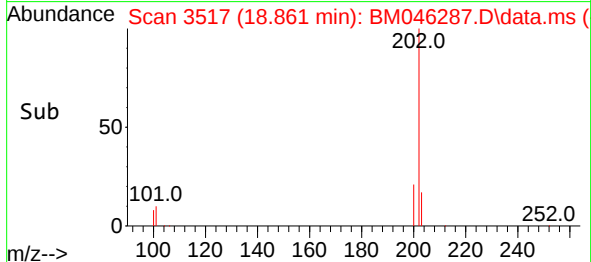
Instrument :
BNA_M
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A4C85



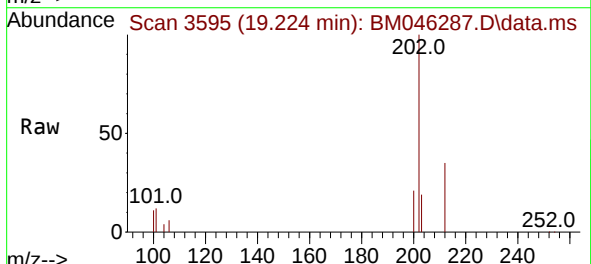
Tgt Ion:202 Resp: 69000
Ion Ratio Lower Upper
202 100
101 10.4 9.6 14.4
100 8.0 7.6 11.4

Manual Integrations
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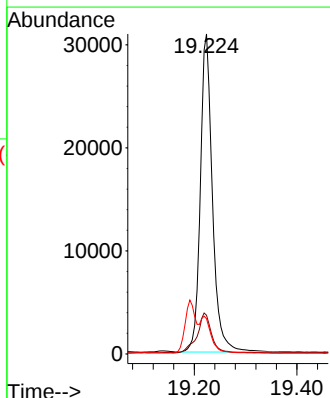
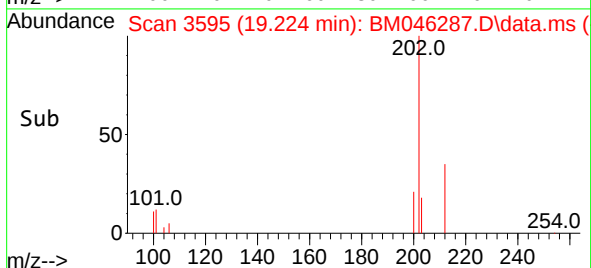
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

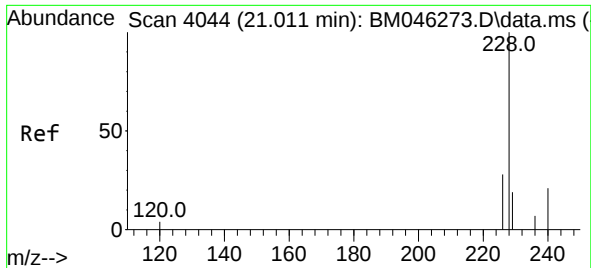


#20
Pyrene
Concen: 1.668 ng/u1
RT: 19.224 min Scan# 3595
Delta R.T. -0.034 min
Lab File: BM046287.D
Acq: 25 Jun 2024 12:18



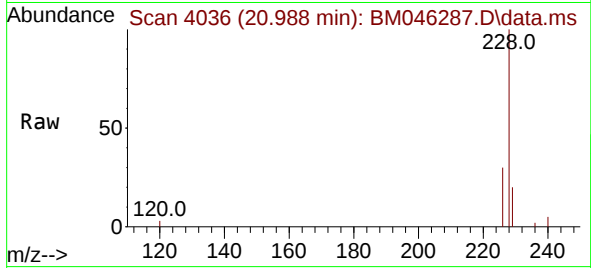
Tgt Ion:202 Resp: 50582
Ion Ratio Lower Upper
202 100
101 12.1 11.3 16.9
100 11.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.143 ng/ul
RT: 20.988 min Scan# 4036
Delta R.T. -0.023 min
Lab File: BM046287.D
Acq: 25 Jun 2024 12:18

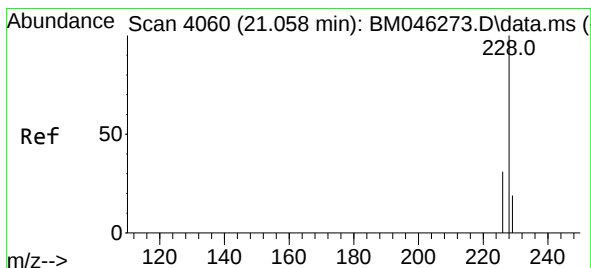
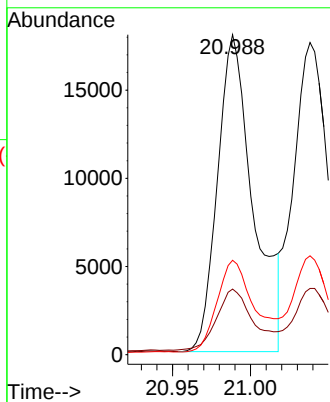
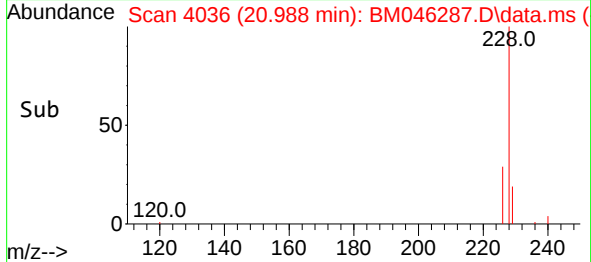
Instrument :
BNA_M
ClientSampleId :
A4C85



Tgt Ion:228 Resp: 2858
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 29.5 23.4 35.2

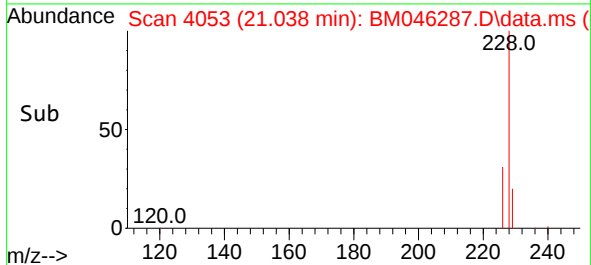
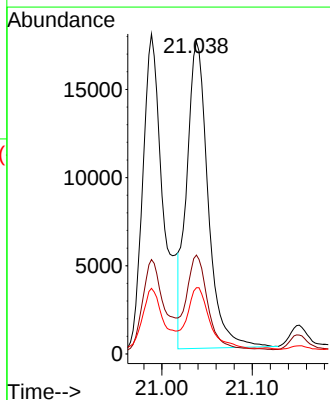
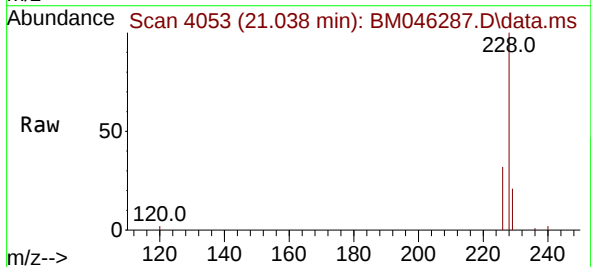
Manual Integrations
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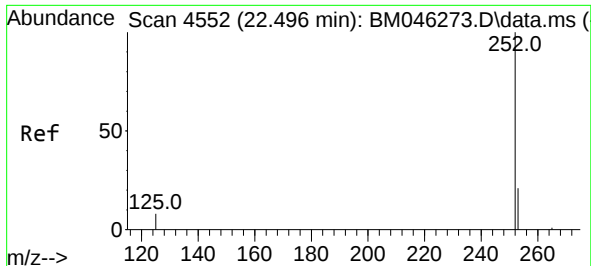
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 0.895 ng/ul
RT: 21.038 min Scan# 4053
Delta R.T. -0.020 min
Lab File: BM046287.D
Acq: 25 Jun 2024 12:18

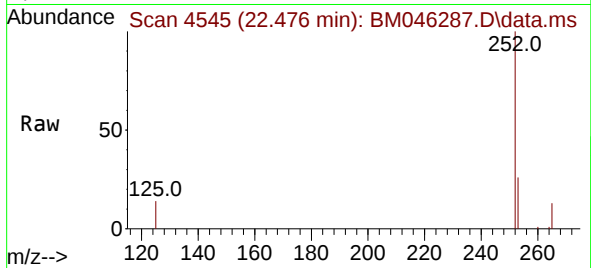
Tgt Ion:228 Resp: 28566
Ion Ratio Lower Upper
228 100
226 31.7 25.2 37.8
229 21.2 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.715 ng/ul m
RT: 22.476 min Scan# 4552
Delta R.T. -0.020 min
Lab File: BM046287.D
Acq: 25 Jun 2024 12:18

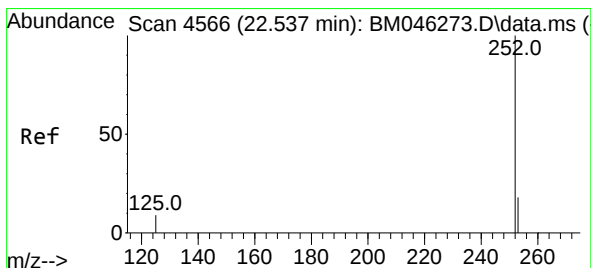
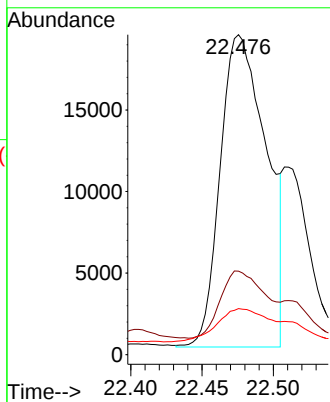
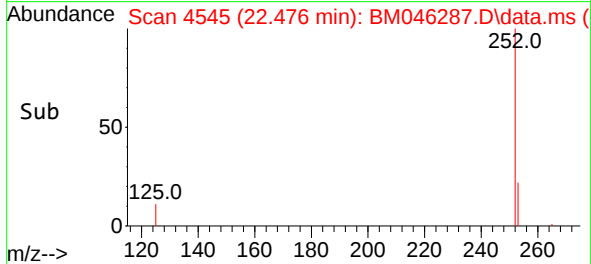
Instrument :
BNA_M
ClientSampleId :
A4C85



Tgt Ion:252 Resp: 4321
Ion Ratio Lower Upper
252 100
253 26.1 0.0 65.8
125 14.4 0.0 40.2

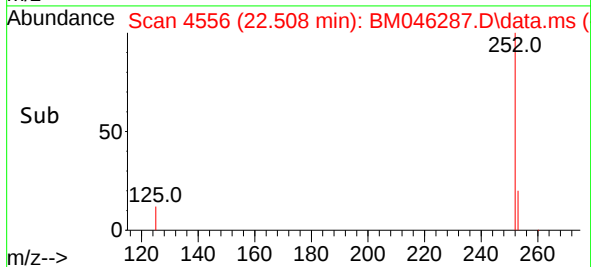
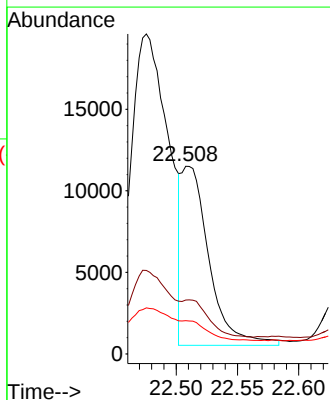
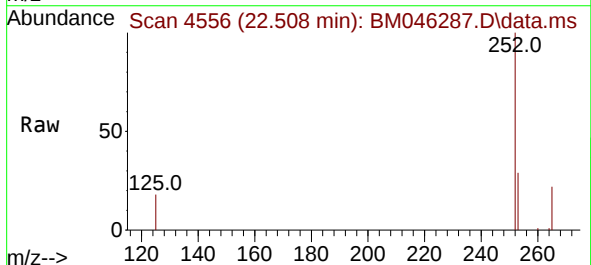
Manual Integrations
APPROVED

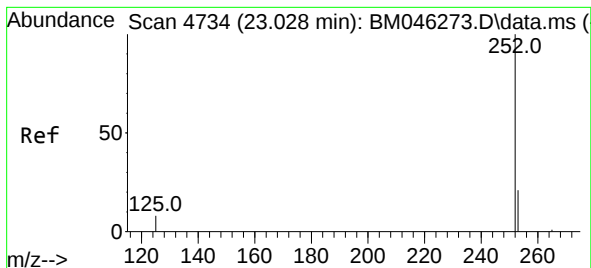
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.575 ng/ul m
RT: 22.508 min Scan# 4556
Delta R.T. -0.029 min
Lab File: BM046287.D
Acq: 25 Jun 2024 12:18

Tgt Ion:252 Resp: 17223
Ion Ratio Lower Upper
252 100
253 28.8 27.2 40.8
125 17.7 16.6 25.0





#26

Benzo(a)pyrene

Concen: 0.717 ng/ul m

RT: 22.999 min Scan# 4

Delta R.T. -0.029 min

Lab File: BM046287.D

Acq: 25 Jun 2024 12:18

Instrument :

BNM

ClientSampleId :

A4C85

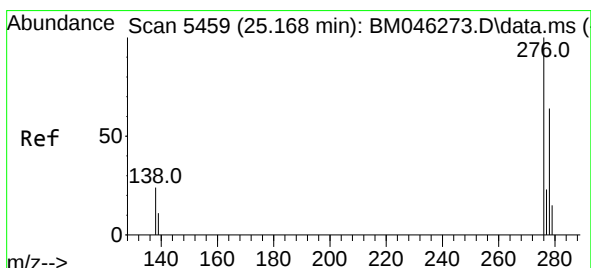
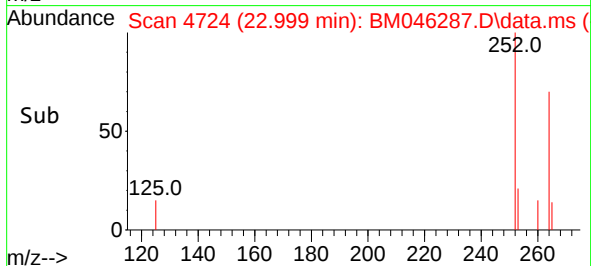
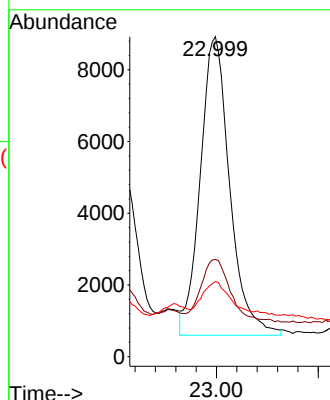
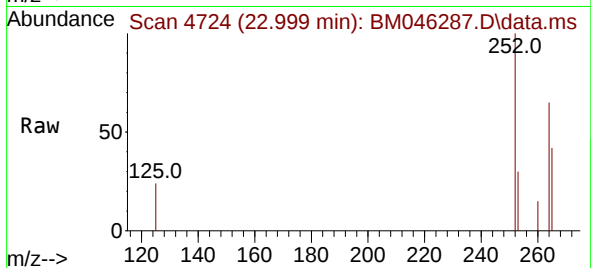
Tgt Ion:252	Resp:	16734
Ion Ratio	Lower	Upper
252	100	
253	30.4	32.1 48.1
125	23.5	21.2 31.8

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.449 ng/ul

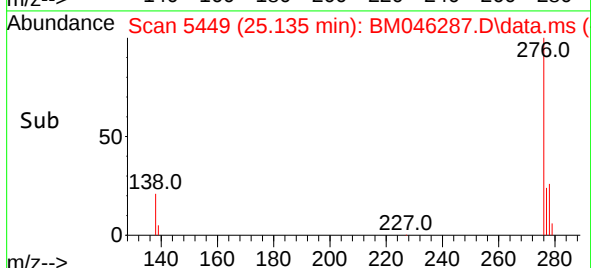
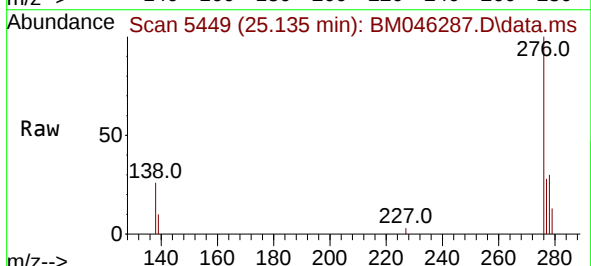
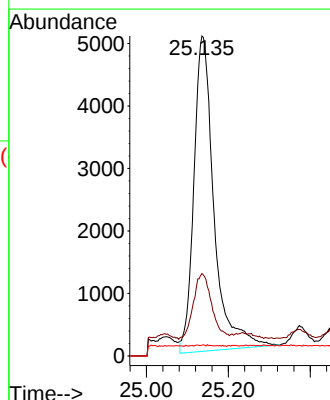
RT: 25.135 min Scan# 5449

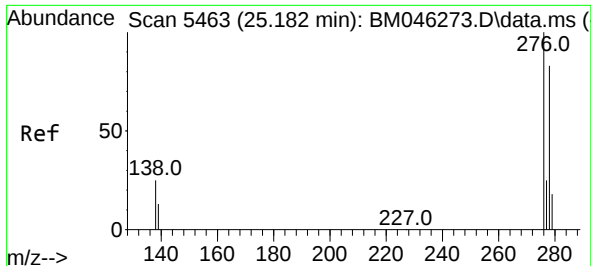
Delta R.T. -0.033 min

Lab File: BM046287.D

Acq: 25 Jun 2024 12:18

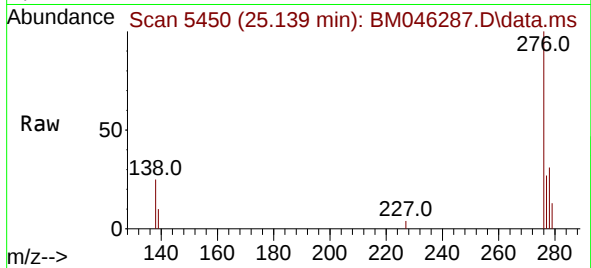
Tgt Ion:276	Resp:	17157
Ion Ratio	Lower	Upper
276	100	
138	28.7	21.0 31.4
227	18.7	0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.165 ng/ul
RT: 25.139 min Scan# 5463
Delta R.T. -0.043 min
Lab File: BM046287.D
Acq: 25 Jun 2024 12:18

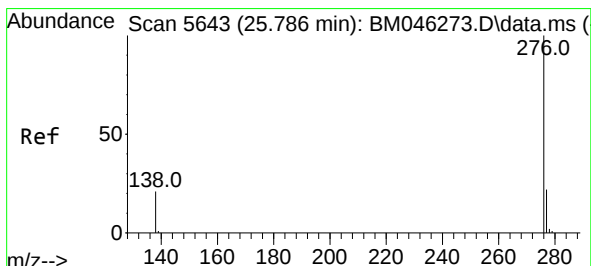
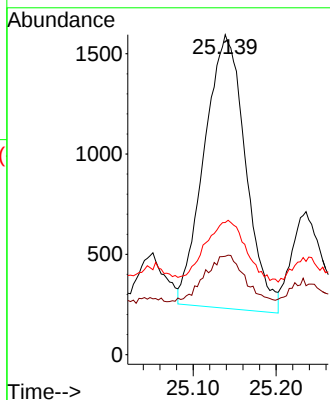
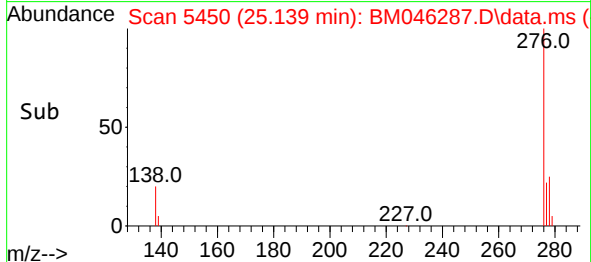
Instrument :
BNA_M
ClientSampleId :
A4C85



Tgt Ion:278 Resp: 470
Ion Ratio Lower Upper
278 100
139 30.7 17.6 26.4
279 41.3 26.3 39.5

Manual Integrations
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Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.074 ng/ul
RT: 25.759 min Scan# 5635
Delta R.T. -0.026 min
Lab File: BM046287.D
Acq: 25 Jun 2024 12:18

Tgt Ion:276 Resp: 2430
Ion Ratio Lower Upper
276 100
138 49.0 21.7 32.5#
277 38.4 20.4 30.6#

