

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046085.D
 Acq On : 19 Jun 2024 14:33
 Operator : MA/JU
 Sample : P2696-21DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B90DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 15:17:38 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 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	2056	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.238	136	5923	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.090	164	3341	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.829	188	6956	0.400	ng/ul	-0.03
17) Chrysene-d12	21.023	240	6090	0.400	ng/ul	-0.02
23) Perylene-d12	23.118	264	7077m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2435	0.863	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.877	152	460	0.058	ng/ul	0.01
18) Fluoranthene-d10	18.858	212	1150	0.063	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.287	128	1385	0.084	ng/ul#	83
7) 2-Methylnaphthalene	11.943	142	473	0.051	ng/ul	99
8) 1-Methylnaphthalene	12.146	142	523	0.051	ng/ul	92
10) Acenaphthylene	13.808	152	2932	0.185	ng/ul	95
11) Acenaphthene	14.155	153	1743	0.152	ng/ul	98
12) Fluorene	15.145	166	2725	0.222	ng/ul	98
15) Phenanthrene	16.871	178	60047	3.073	ng/ul	96
16) Anthracene	16.964	178	10097	0.694	ng/ul	98
19) Fluoranthene	18.886	202	123379	4.679	ng/ul	98
20) Pyrene	19.248	202	88388	3.100	ng/ul	97
21) Benzo(a)anthracene	21.005	228	50034	2.127	ng/ul	99
22) Chrysene	21.058	228	59290	1.975	ng/ul	99
24) Benzo(b)fluoranthene	22.501	252	84294m	3.306	ng/ul	
25) Benzo(k)fluoranthene	22.539	252	29860m	0.985	ng/ul	
26) Benzo(a)pyrene	23.028	252	27201	1.151	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.165	276	30099	0.778	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.172	278	9482	0.329	ng/ul	95
29) Benzo(g,h,i)perylene	25.792	276	4243	0.128	ng/ul#	80

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

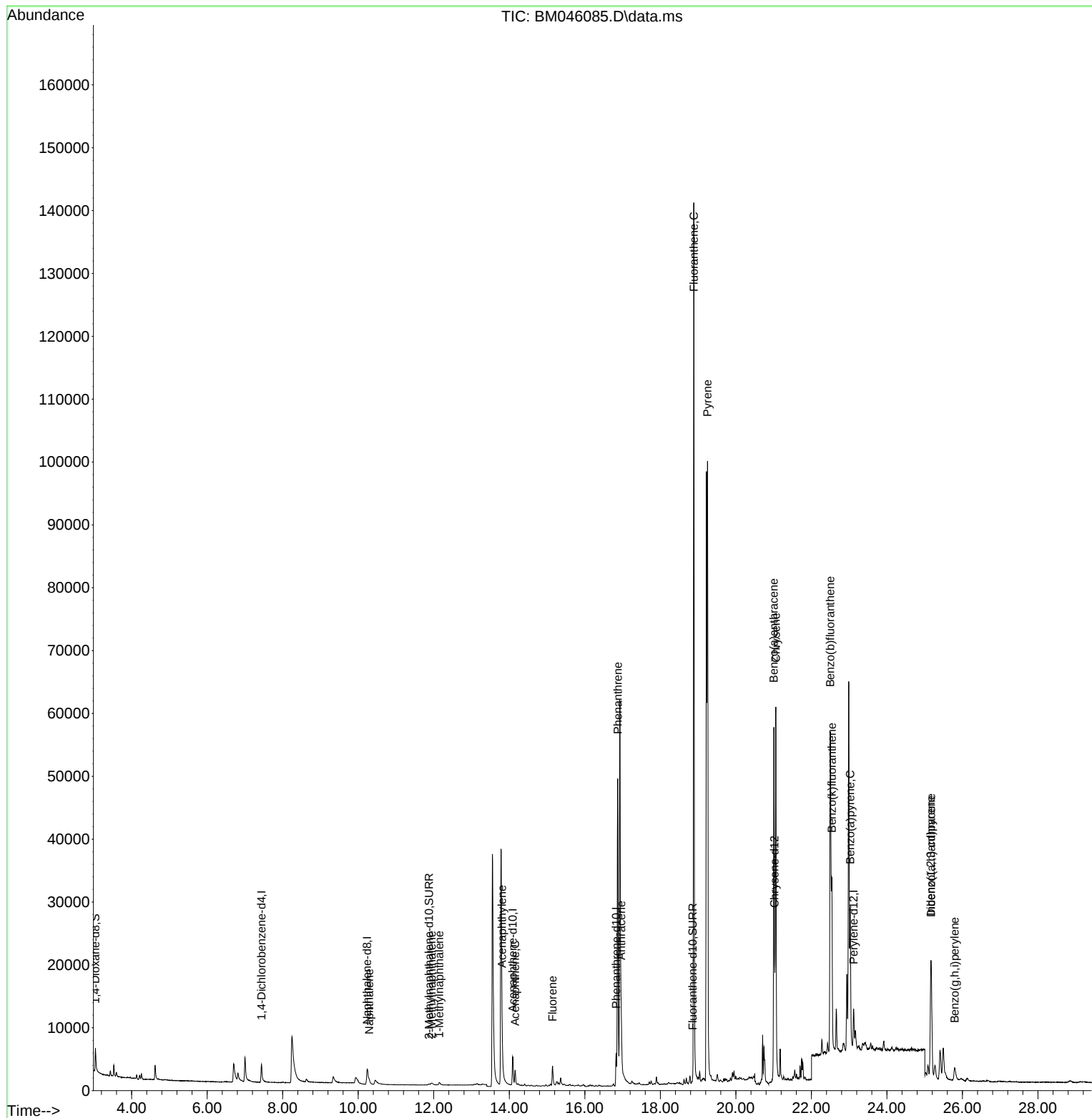
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046085.D
Acq On : 19 Jun 2024 14:33
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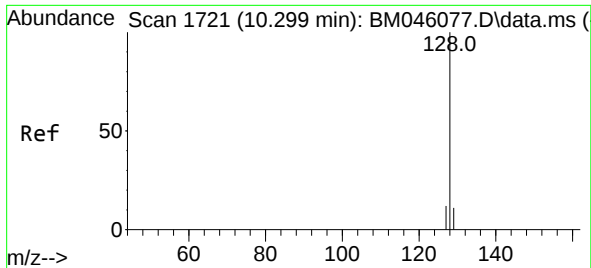
Instrument :
BNA_M
ClientSampleId :
A4B90DL

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Supervised By :mohammad ahmed 06/21/2024

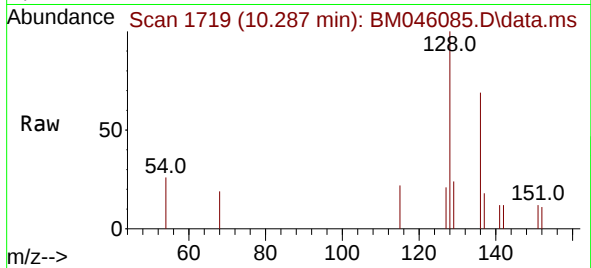
Quant Time: Jun 19 15:17:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.084 ng/ul
RT: 10.287 min Scan# 1719
Delta R.T. -0.015 min
Lab File: BM046085.D
Acq: 19 Jun 2024 14:33

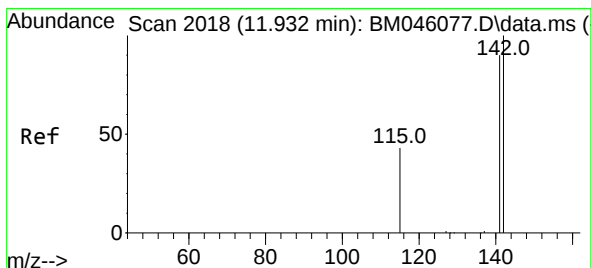
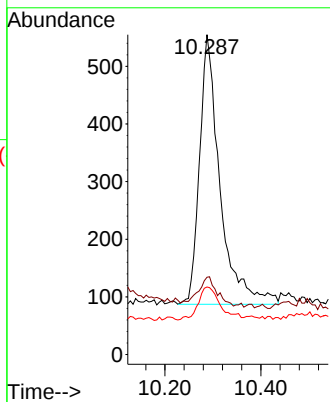
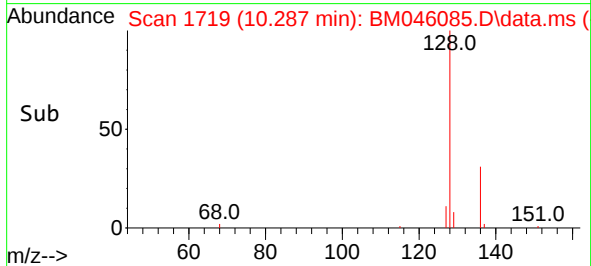
Instrument :
BNA_M
ClientSampleId :
A4B90DL



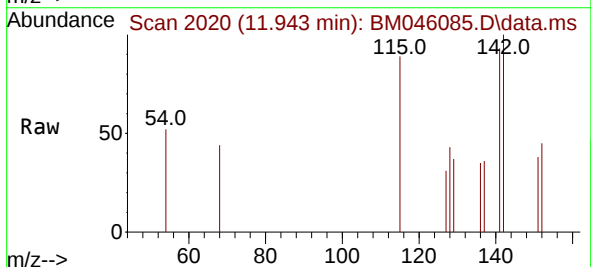
Tgt Ion:128 Resp: 1385
Ion Ratio Lower Upper
128 100
129 24.1 11.8 17.6
127 21.1 12.8 19.2

Manual Integrations
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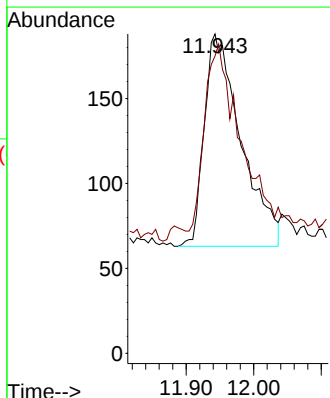
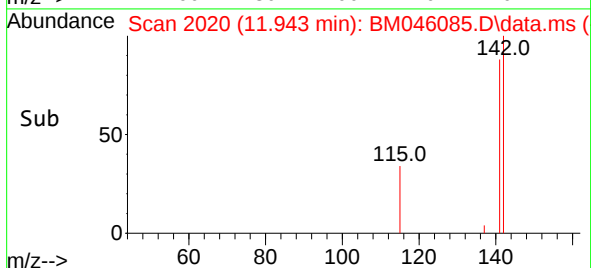
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

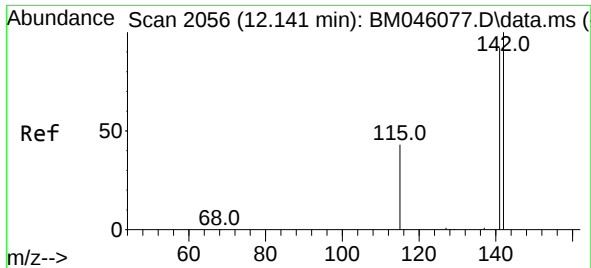


#7
2-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 11.943 min Scan# 2020
Delta R.T. -0.004 min
Lab File: BM046085.D
Acq: 19 Jun 2024 14:33



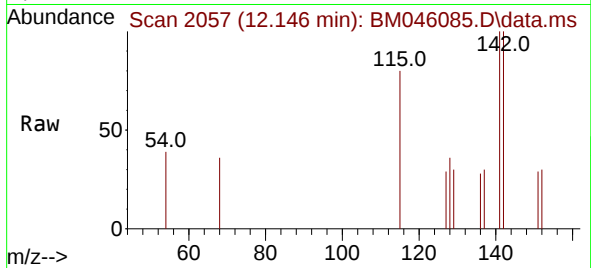
Tgt Ion:142 Resp: 473
Ion Ratio Lower Upper
142 100
141 93.9 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.146 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BM046085.D
Acq: 19 Jun 2024 14:33

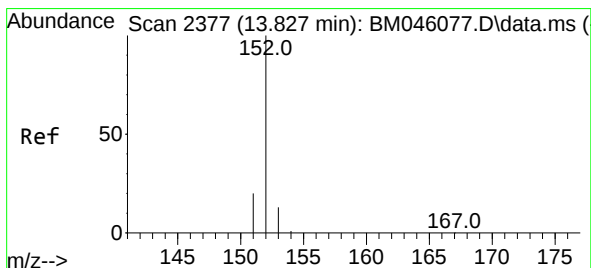
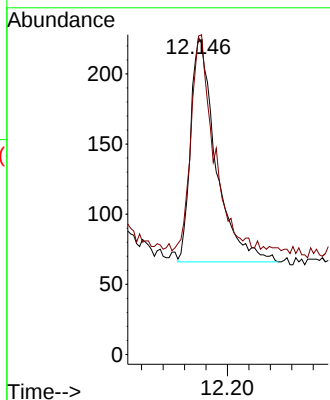
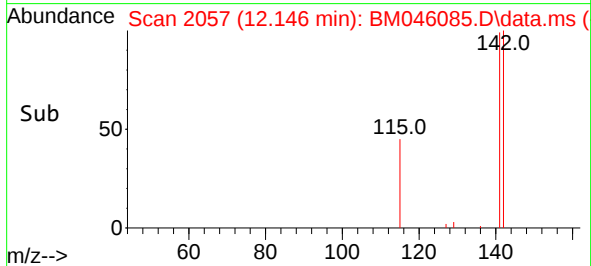
Instrument :
BNA_M
ClientSampleId :
A4B90DL



Tgt Ion:142 Resp: 520
Ion Ratio Lower Upper
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141 86.4 75.2 112.8

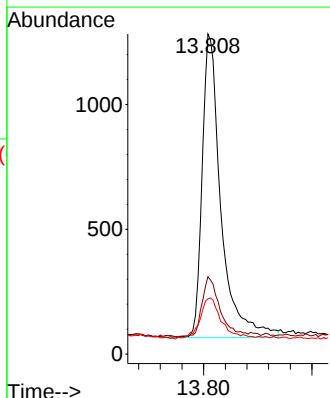
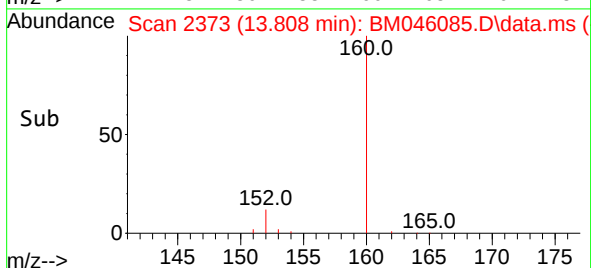
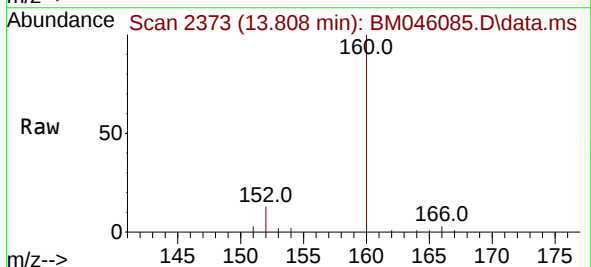
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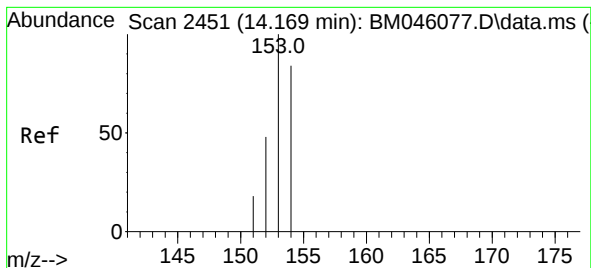
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.185 ng/ul
RT: 13.808 min Scan# 2373
Delta R.T. -0.027 min
Lab File: BM046085.D
Acq: 19 Jun 2024 14:33

Tgt Ion:152 Resp: 2932
Ion Ratio Lower Upper
152 100
151 24.2 17.4 26.2
153 17.2 11.8 17.8





#11

Acenaphthene

Concen: 0.152 ng/ul

RT: 14.155 min Scan# 2451

Delta R.T. -0.017 min

Lab File: BM046085.D

Acq: 19 Jun 2024 14:33

Instrument :

BNA_M

ClientSampleId :

A4B90DL

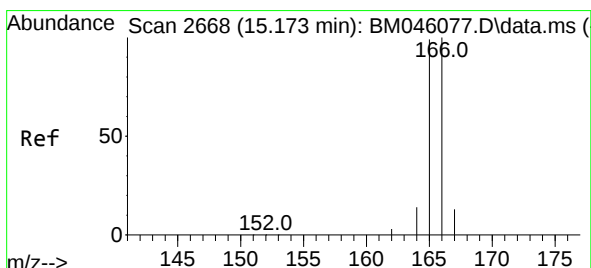
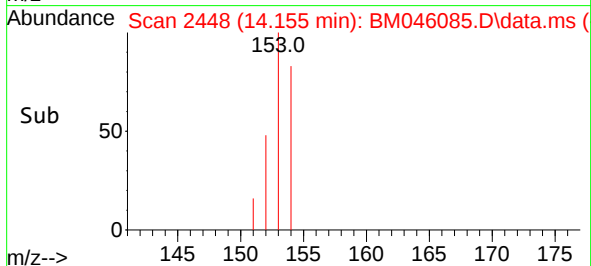
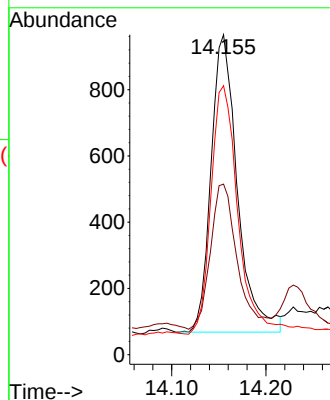
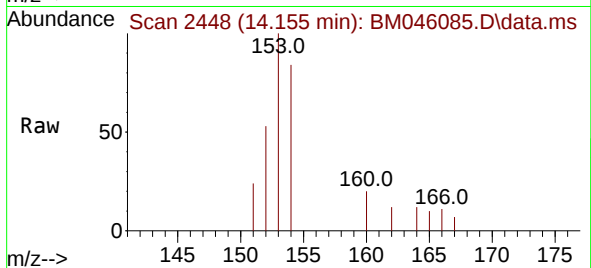
Tgt Ion:153 Resp: 174

Ion	Ratio	Lower	Upper
153	100		
152	53.3	41.3	61.9
154	84.1	68.2	102.4

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#12

Fluorene

Concen: 0.222 ng/ul

RT: 15.145 min Scan# 2662

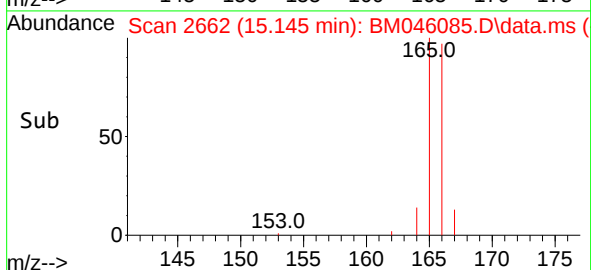
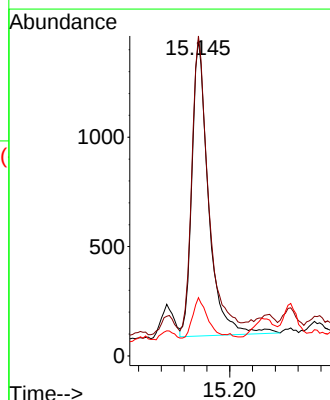
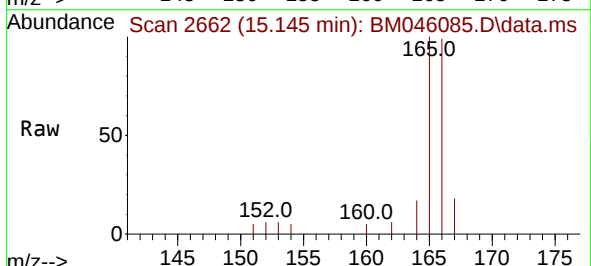
Delta R.T. -0.036 min

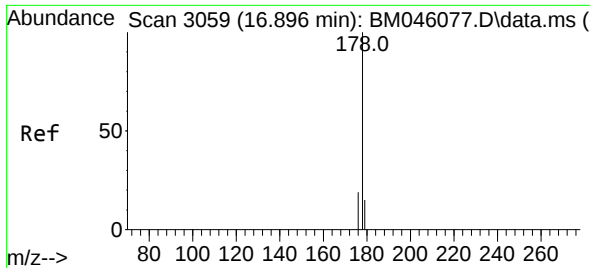
Lab File: BM046085.D

Acq: 19 Jun 2024 14:33

Tgt Ion:166 Resp: 2725

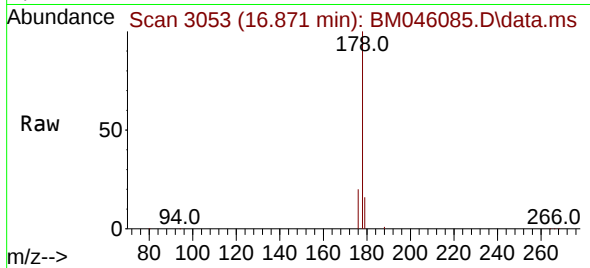
Ion	Ratio	Lower	Upper
166	100		
165	101.3	80.4	120.6
167	18.4	12.4	18.6





#15
Phenanthrene
Concen: 3.073 ng/u1
RT: 16.871 min Scan# 3053
Delta R.T. -0.033 min
Lab File: BM046085.D
Acq: 19 Jun 2024 14:33

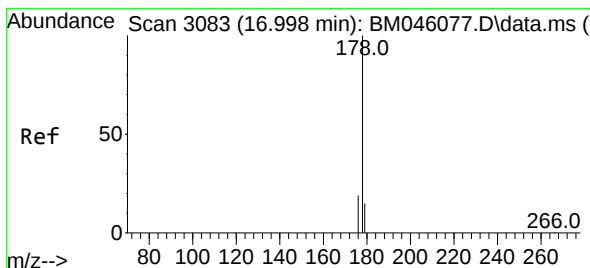
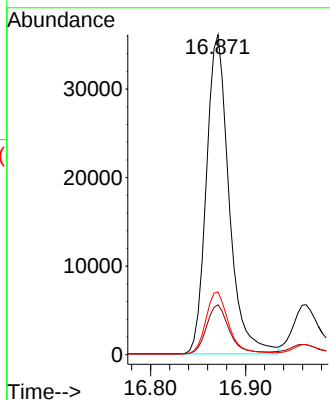
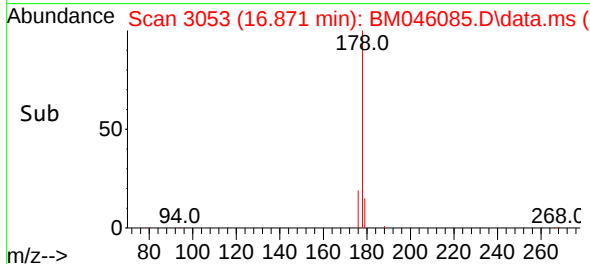
Instrument :
BNA_M
ClientSampleId :
A4B90DL



Tgt Ion:178 Resp: 6004
Ion Ratio Lower Upper
178 100
179 15.6 14.2 21.2
176 19.6 17.1 25.7

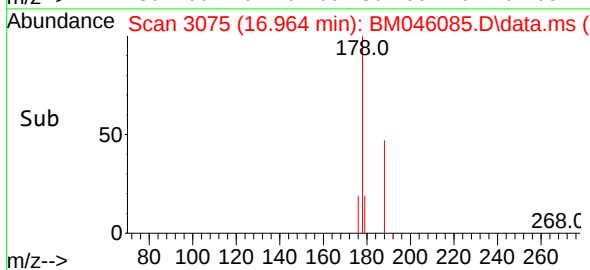
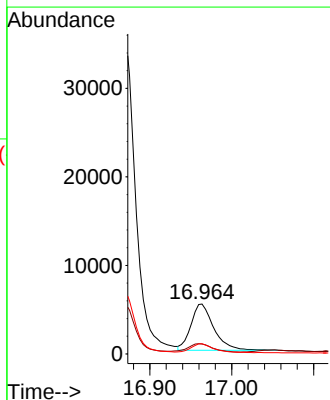
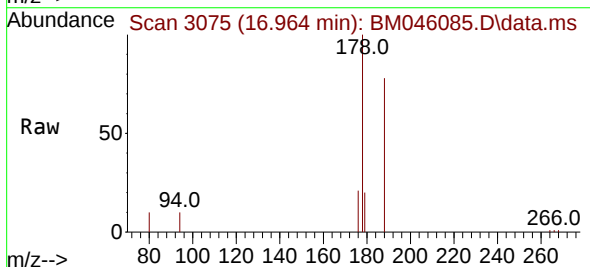
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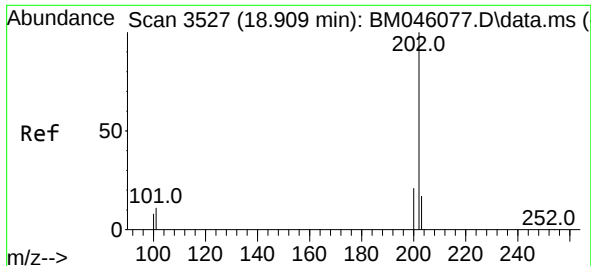
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#16
Anthracene
Concen: 0.694 ng/u1
RT: 16.964 min Scan# 3075
Delta R.T. -0.041 min
Lab File: BM046085.D
Acq: 19 Jun 2024 14:33

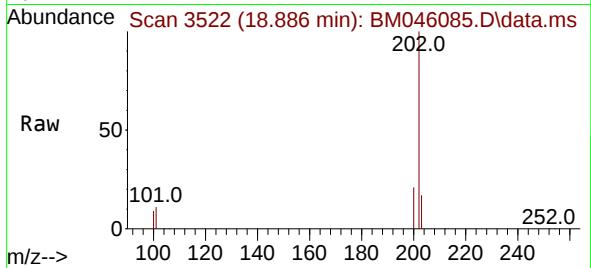
Tgt Ion:178 Resp: 10097
Ion Ratio Lower Upper
178 100
179 20.0 14.9 22.3
176 20.6 17.0 25.4





#19
Fluoranthene
Concen: 4.679 ng/u1
RT: 18.886 min Scan# 3522
Delta R.T. -0.031 min
Lab File: BM046085.D
Acq: 19 Jun 2024 14:33

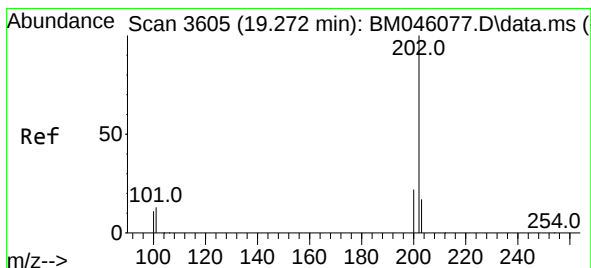
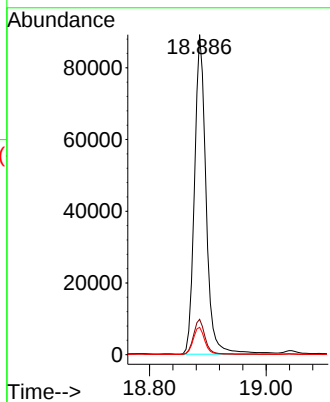
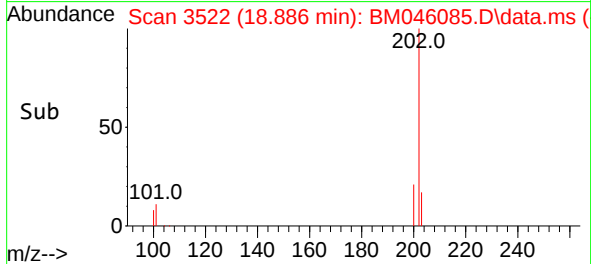
Instrument :
BNA_M
ClientSampleId :
A4B90DL



Tgt Ion:202 Resp: 123379
Ion Ratio Lower Upper
202 100
101 11.1 9.6 14.4
100 8.6 7.6 11.4

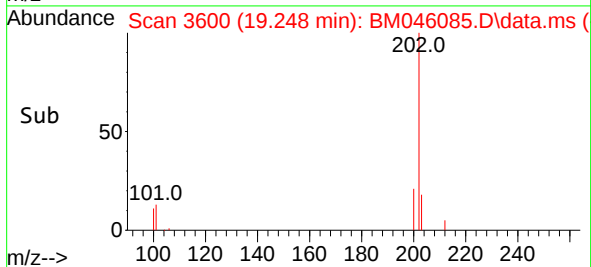
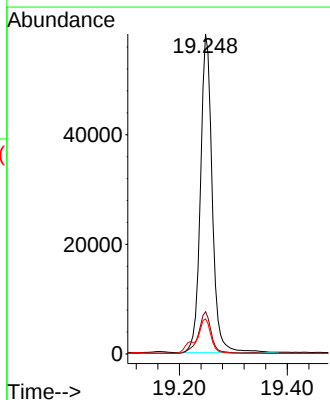
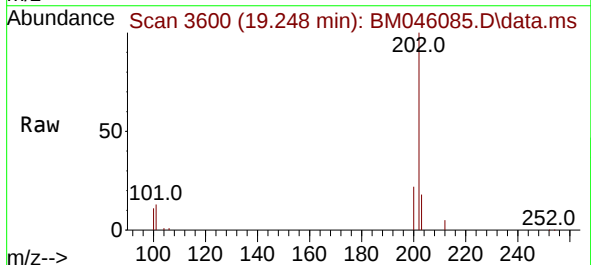
Manual Integrations
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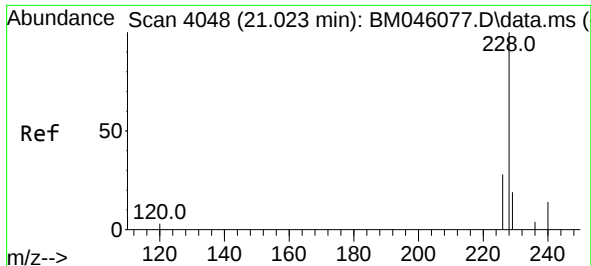
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#20
Pyrene
Concen: 3.100 ng/u1
RT: 19.248 min Scan# 3600
Delta R.T. -0.027 min
Lab File: BM046085.D
Acq: 19 Jun 2024 14:33

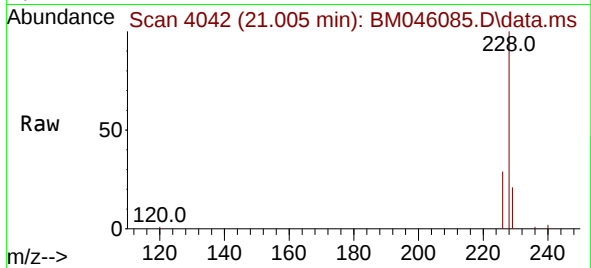
Tgt Ion:202 Resp: 88388
Ion Ratio Lower Upper
202 100
101 13.2 11.3 16.9
100 11.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.127 ng/ul
RT: 21.005 min Scan# 4048
Delta R.T. -0.024 min
Lab File: BM046085.D
Acq: 19 Jun 2024 14:33

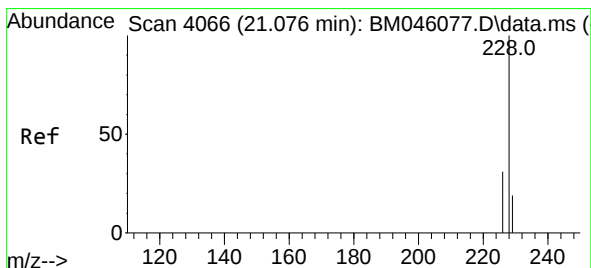
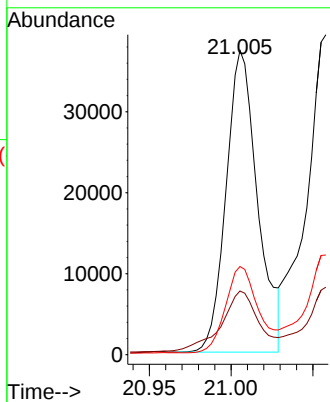
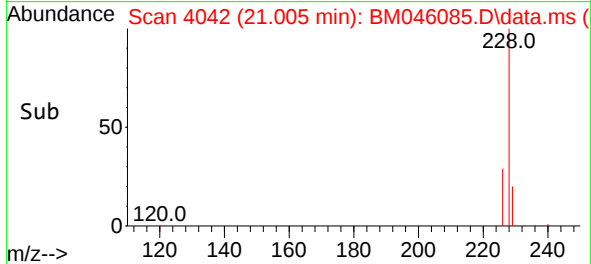
Instrument :
BNA_M
ClientSampleId :
A4B90DL



Tgt Ion:228 Resp: 50034
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 29.0 23.4 35.2

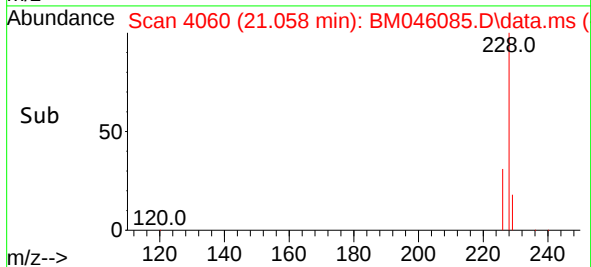
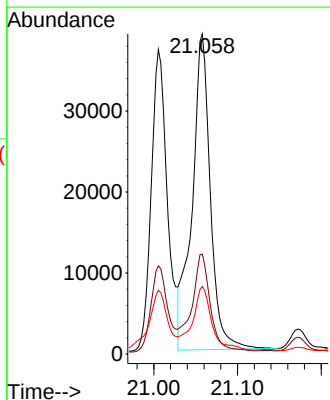
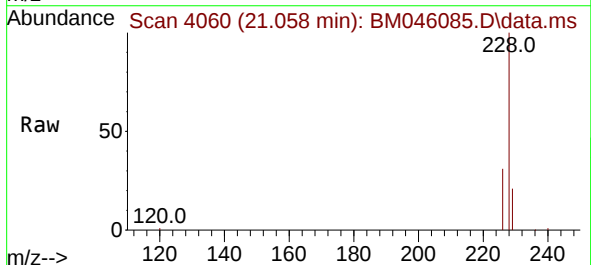
Manual Integrations
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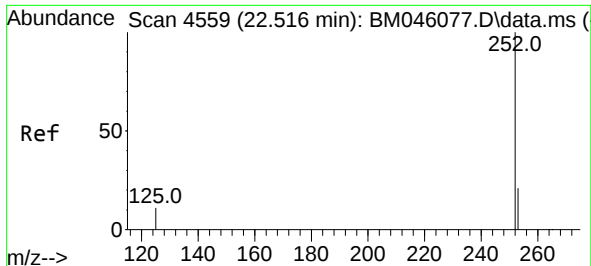
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 1.975 ng/ul
RT: 21.058 min Scan# 4060
Delta R.T. -0.018 min
Lab File: BM046085.D
Acq: 19 Jun 2024 14:33

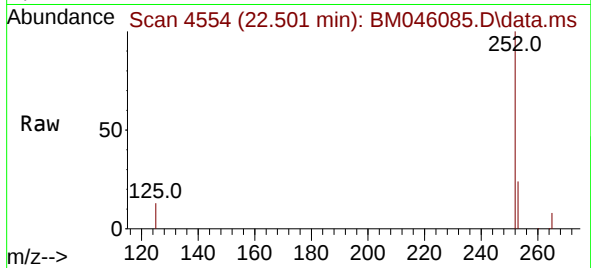
Tgt Ion:228 Resp: 59290
Ion Ratio Lower Upper
228 100
226 31.2 25.2 37.8
229 21.1 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 3.306 ng/ul m
RT: 22.501 min Scan# 4554
Delta R.T. -0.018 min
Lab File: BM046085.D
Acq: 19 Jun 2024 14:33

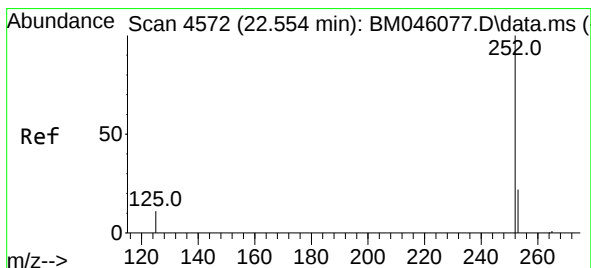
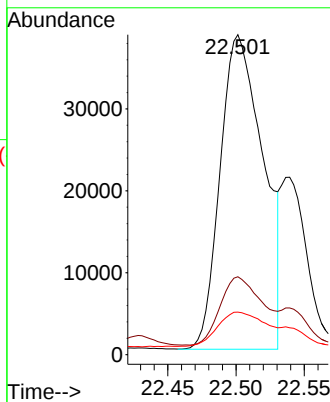
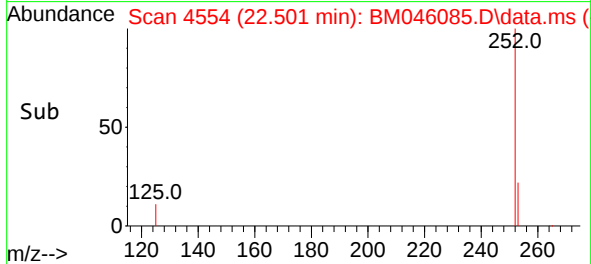
Instrument :
BNA_M
ClientSampleId :
A4B90DL



Tgt Ion:252 Resp: 84294
Ion Ratio Lower Upper
252 100
253 24.4 0.0 65.8
125 13.3 0.0 40.2

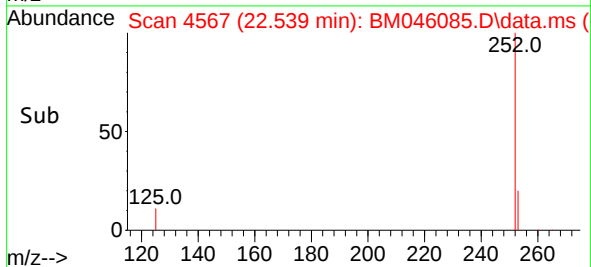
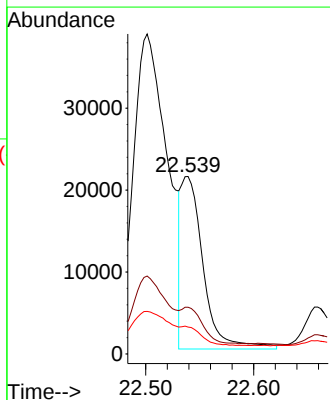
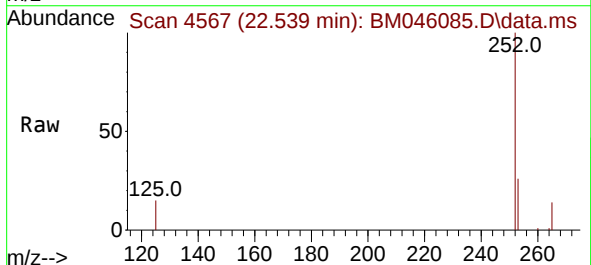
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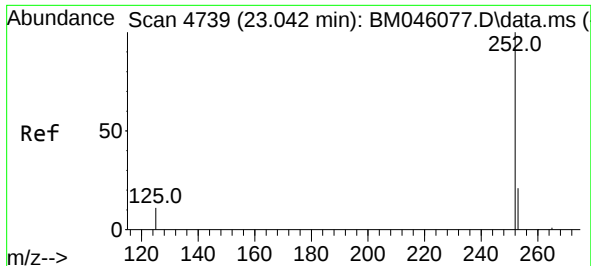
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.985 ng/ul m
RT: 22.539 min Scan# 4567
Delta R.T. -0.024 min
Lab File: BM046085.D
Acq: 19 Jun 2024 14:33

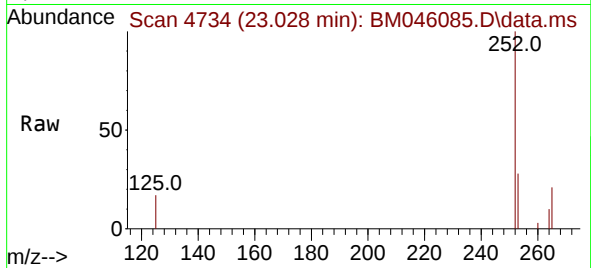
Tgt Ion:252 Resp: 29860
Ion Ratio Lower Upper
252 100
253 26.3 27.2 40.8#
125 15.1 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 1.151 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. -0.027 min
Lab File: BM046085.D
Acq: 19 Jun 2024 14:33

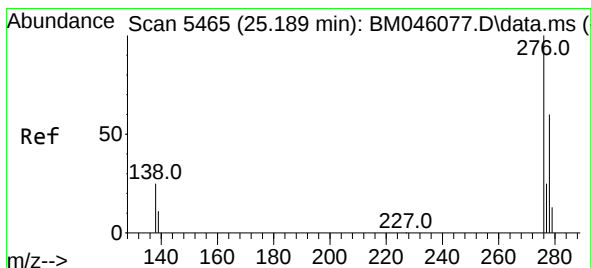
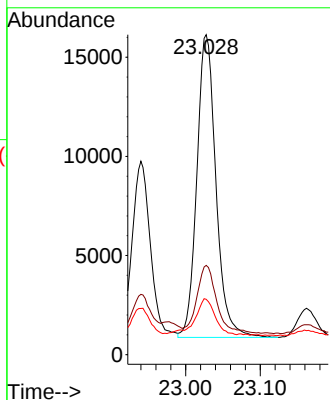
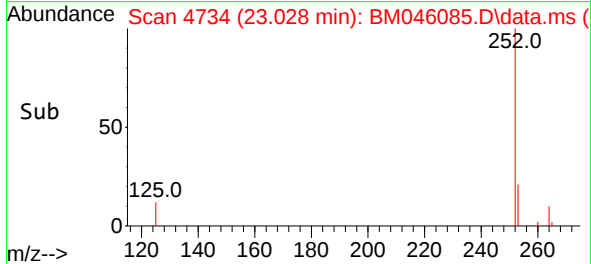
Instrument :
BNA_M
ClientSampleId :
A4B90DL



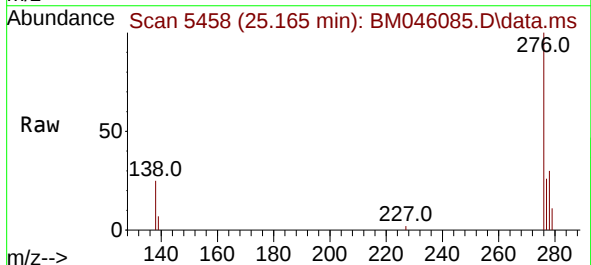
Tgt Ion:252 Resp: 2720
Ion Ratio Lower Upper
252 100
253 27.9 32.1 48.1
125 17.3 21.2 31.8

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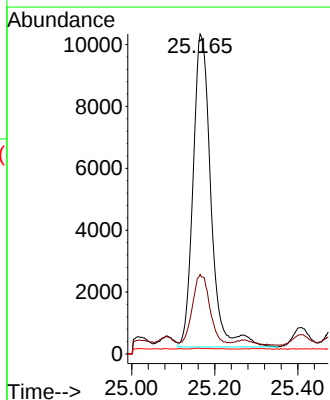
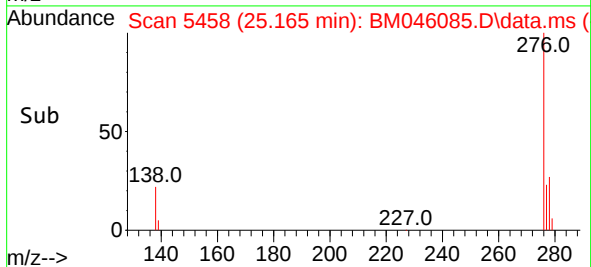
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

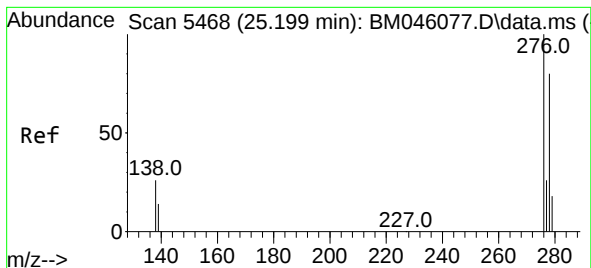


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.778 ng/ul
RT: 25.165 min Scan# 5458
Delta R.T. -0.037 min
Lab File: BM046085.D
Acq: 19 Jun 2024 14:33



Tgt Ion:276 Resp: 30099
Ion Ratio Lower Upper
276 100
138 21.2 21.0 31.4
227 0.1 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.329 ng/ul

RT: 25.172 min Scan# 5460

Delta R.T. -0.044 min

Lab File: BM046085.D

Acq: 19 Jun 2024 14:33

Instrument :

BNA_M

ClientSampleId :

A4B90DL

Tgt Ion:278 Resp: 948

Ion Ratio Lower Upper

278 100

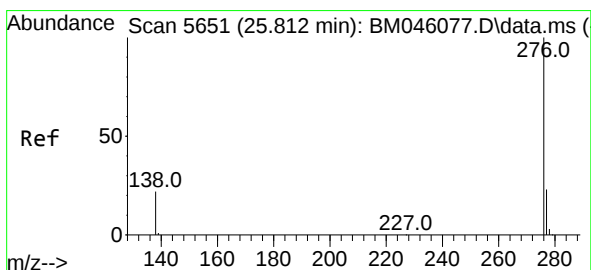
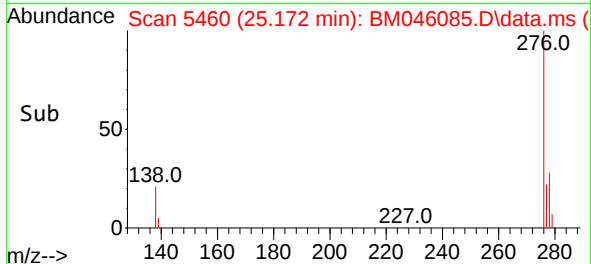
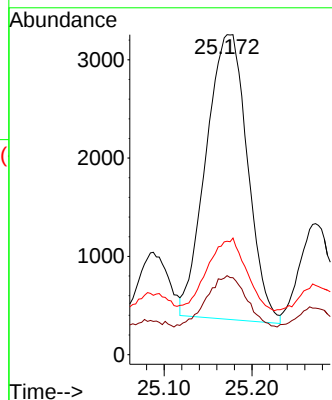
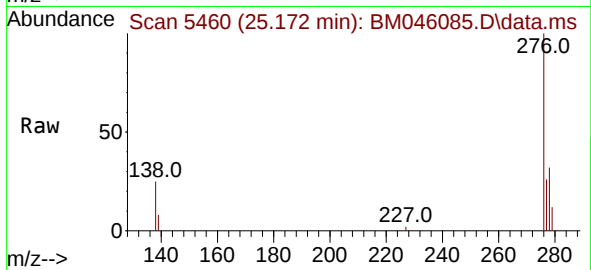
139 24.7 17.6 26.4

279 35.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#29

Benzo(g,h,i)perylene

Concen: 0.128 ng/ul

RT: 25.792 min Scan# 5645

Delta R.T. -0.037 min

Lab File: BM046085.D

Acq: 19 Jun 2024 14:33

Tgt Ion:276 Resp: 4243

Ion Ratio Lower Upper

276 100

138 39.0 21.7 32.5#

277 34.3 20.4 30.6#

