

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044140.D
 Acq On : 16 Feb 2024 15:46
 Operator : MA/JU
 Sample : P1329-22DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COFN0DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

Supervised By :mohammad
 ahmed
 02/19/2024

Quant Time: Feb 16 22:39:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	10726	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	35369	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.543	164	20947	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	38890	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.500	240	20193	0.400	ng/ul	# 0.00
23) Perylene-d12	23.891	264	21170	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	12108	0.797	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.283	152	7982	0.161	ng/ul	-0.02
18) Fluoranthene-d10	19.326	212	5424	0.090	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.748	128	48613	0.462	ng/ul#	74
7) 2-Methylnaphthalene	12.365	142	118183	1.823	ng/ul	91
8) 1-Methylnaphthalene	12.585	142	107268	1.635	ng/ul	92
10) Acenaphthylene	14.270	152	11628	0.101	ng/ul#	1
11) Acenaphthene	14.607	153	11228	0.135	ng/ul#	84
12) Fluorene	15.593	166	12518	0.133	ng/ul#	73
14) Pentachlorophenol	16.937	266	655	0.047	ng/ul#	91
15) Phenanthrene	17.339	178	60001	0.487	ng/ul	97
16) Anthracene	17.427	178	2464m	0.020	ng/ul	
19) Fluoranthene	19.359	202	378164	4.108	ng/ul	97
20) Pyrene	19.721	202	218193	2.254	ng/ul#	94
21) Benzo(a)anthracene	21.485	228	78796	0.852	ng/ul#	93
22) Chrysene	21.538	228	104302	1.046	ng/ul#	94
24) Benzo(b)fluoranthene	23.166	252	113934	1.304	ng/ul#	70
25) Benzo(k)fluoranthene	23.212	252	42177m	0.445	ng/ul	
26) Benzo(a)pyrene	23.785	252	61910	0.762	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.370	276	41257	0.399	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.386	278	10685	0.131	ng/ul#	24
29) Benzo(g,h,i)perylene	27.128	276	38746	0.424	ng/ul#	87

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

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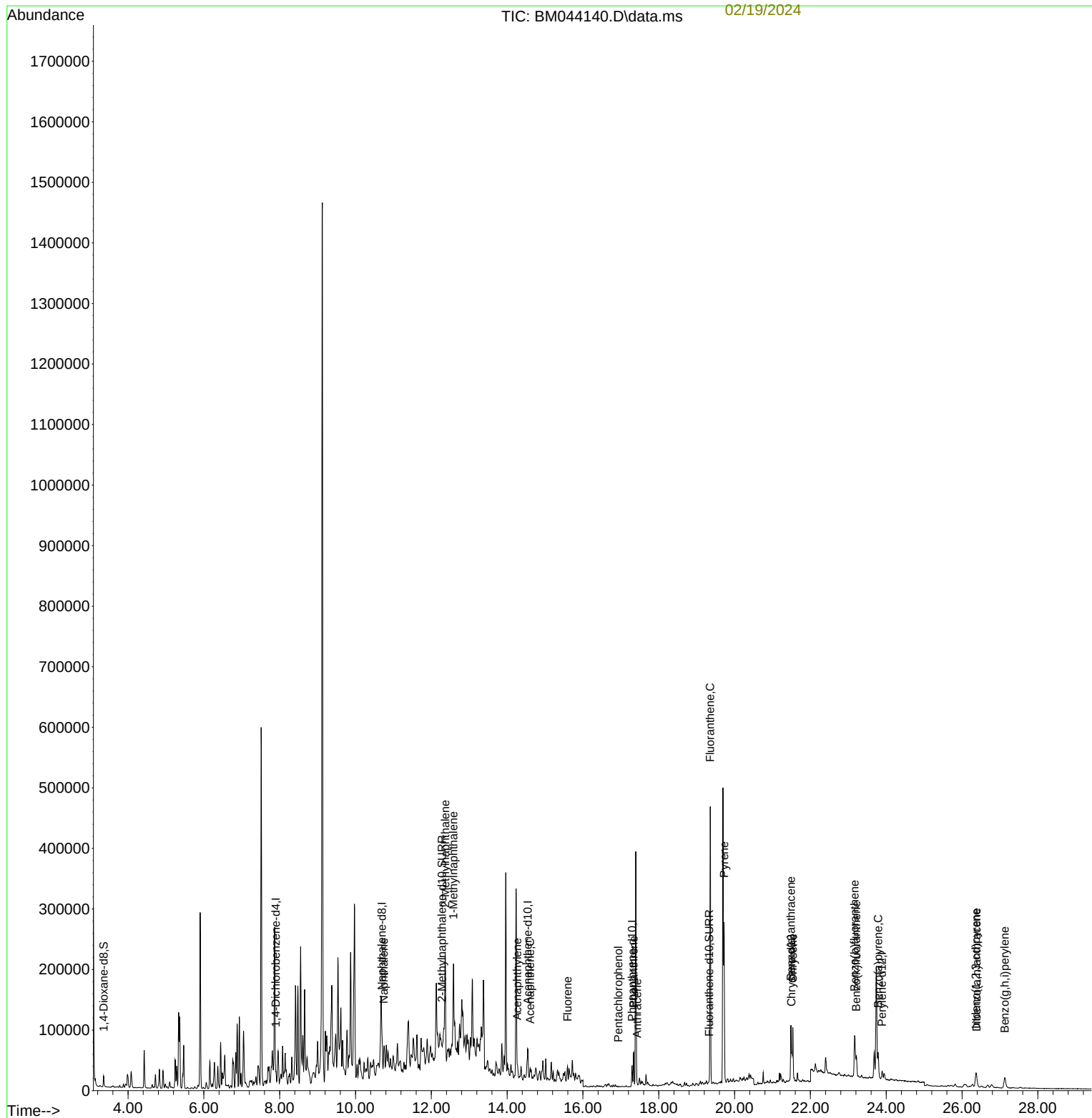
Instrument :
BNA_M
ClientSampleId :
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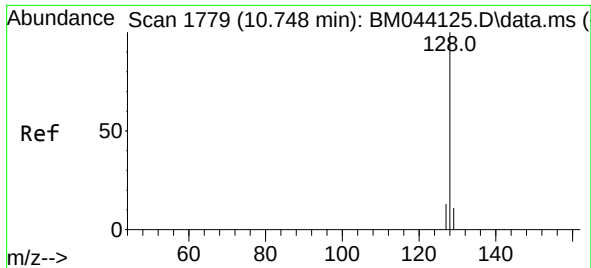
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ahmed
02/19/2024

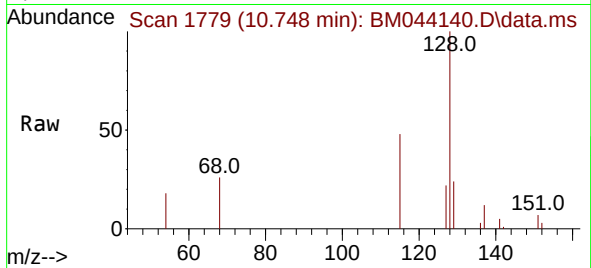
Quant Time: Feb 16 22:39:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
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#5
Naphthalene
Concen: 0.462 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

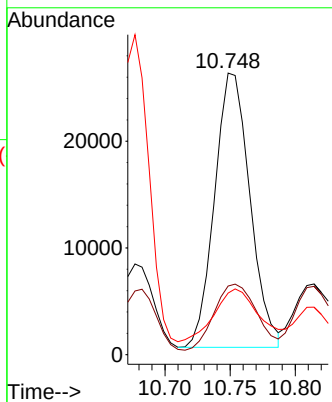
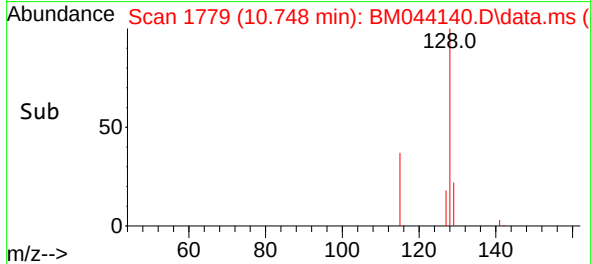
Instrument :
BNA_M
ClientSampleId :
COFN0DL



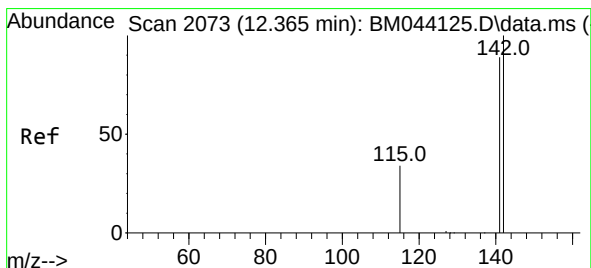
Tgt Ion:128 Resp: 4861
Ion Ratio Lower Upper
128 100
129 24.4 9.5 14.3
127 21.9 10.7 16.1

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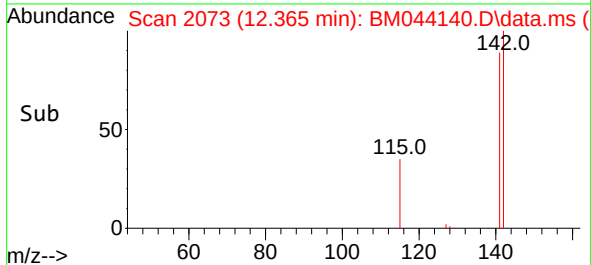
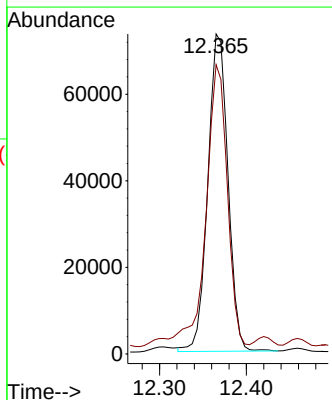
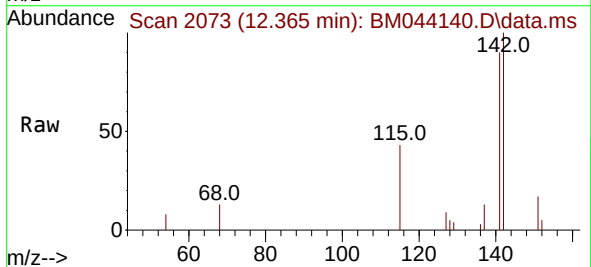


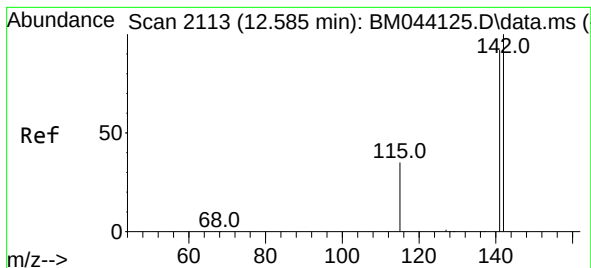
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#7
2-Methylnaphthalene
Concen: 1.823 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Tgt Ion:142 Resp: 118183
Ion Ratio Lower Upper
142 100
141 95.6 70.0 105.0





#8

1-Methylnaphthalene

Concen: 1.635 ng/ul

RT: 12.585 min Scan# 2113

Delta R.T. -0.005 min

Lab File: BM044140.D

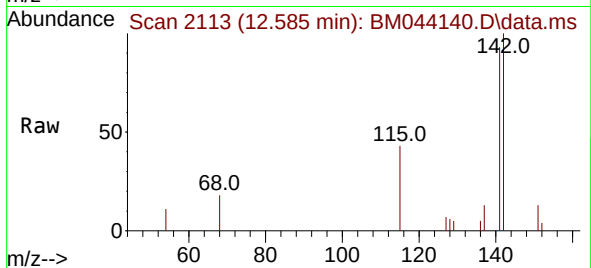
Acq: 16 Feb 2024 15:46

Instrument :

BNA_M

ClientSampleId :

COFN0DL



Tgt Ion:142 Resp: 107268

Ion Ratio Lower Upper

142 100

141 98.5 72.5 108.7

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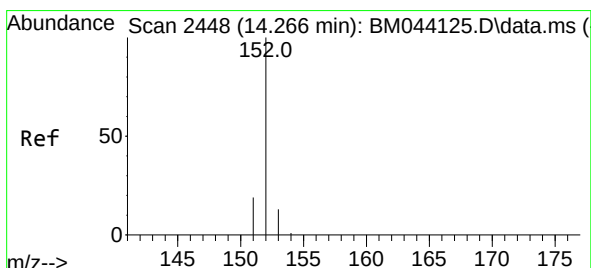
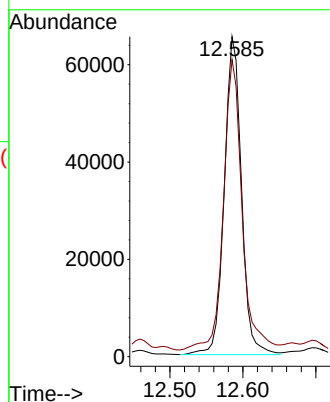
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#10

Acenaphthylene

Concen: 0.101 ng/ul

RT: 14.270 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BM044140.D

Acq: 16 Feb 2024 15:46

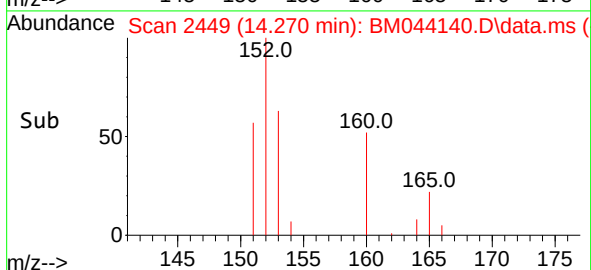
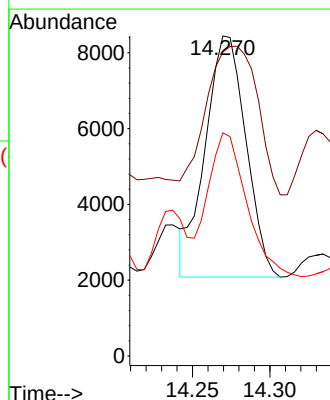
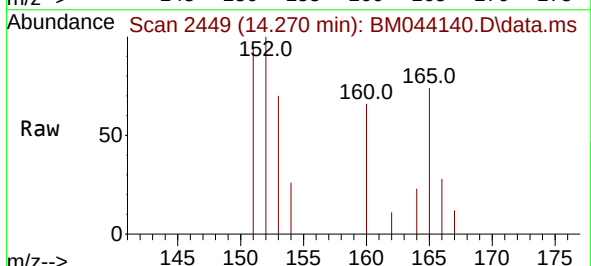
Tgt Ion:152 Resp: 11628

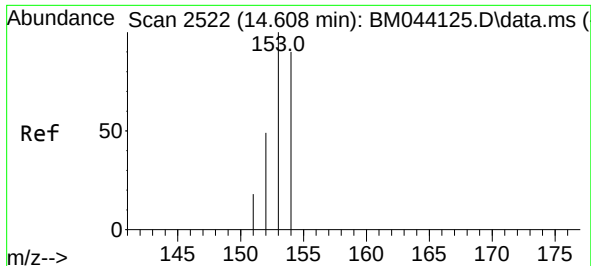
Ion Ratio Lower Upper

152 100

151 95.1 15.5 23.3#

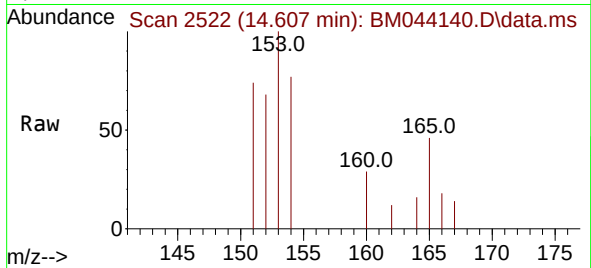
153 69.8 10.8 16.2#





#11
Acenaphthene
Concen: 0.135 ng/ul
RT: 14.607 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
COFN0DL

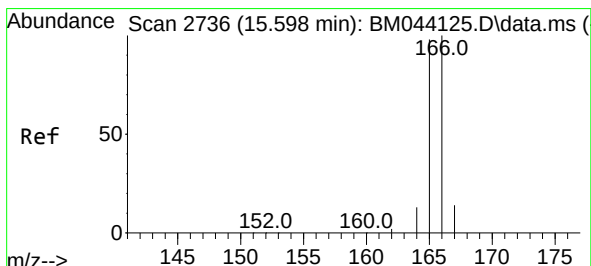
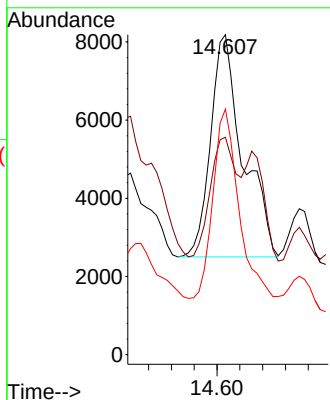
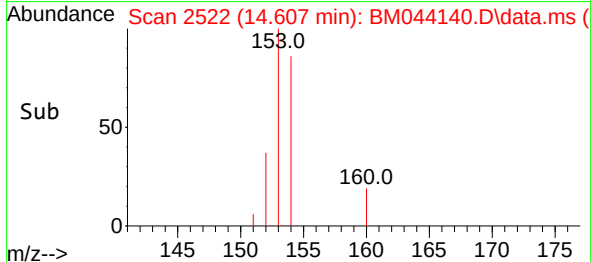


Tgt Ion:153 Resp: 11228
Ion Ratio Lower Upper
153 100
152 67.9 40.6 61.0#
154 76.7 70.1 105.1#

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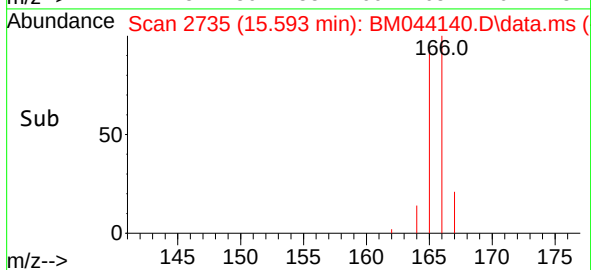
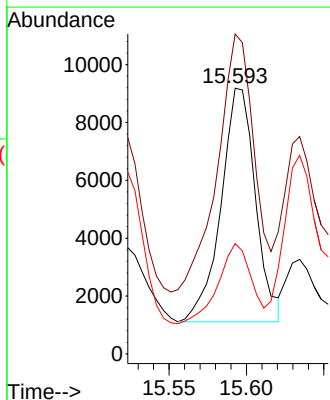
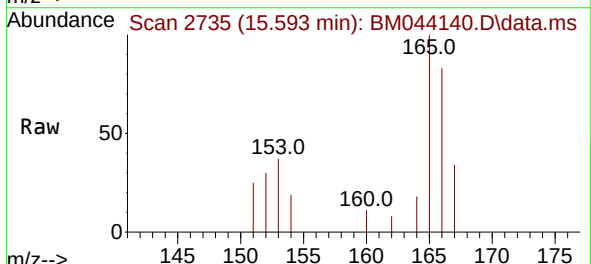
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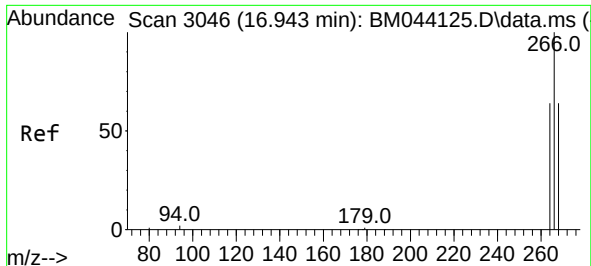
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#12
Fluorene
Concen: 0.133 ng/ul
RT: 15.593 min Scan# 2735
Delta R.T. -0.005 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

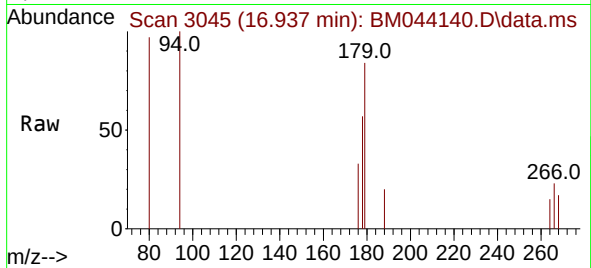
Tgt Ion:166 Resp: 12518
Ion Ratio Lower Upper
166 100
165 120.4 79.8 119.6#
167 41.5 11.1 16.7#





#14
Pentachlorophenol
Concen: 0.047 ng/ul
RT: 16.937 min Scan# 3045
Delta R.T. -0.008 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
COFN0DL

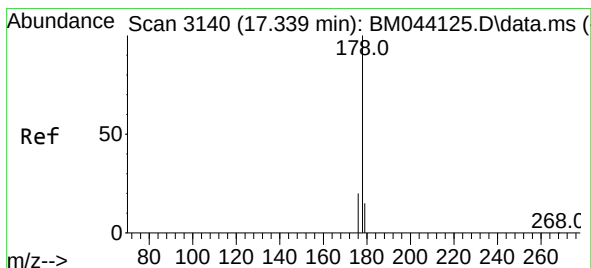
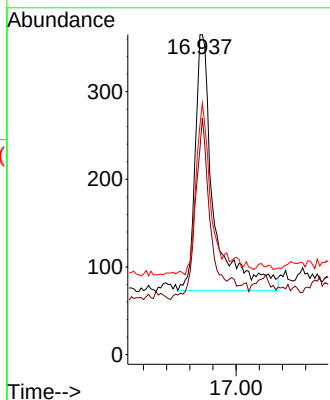
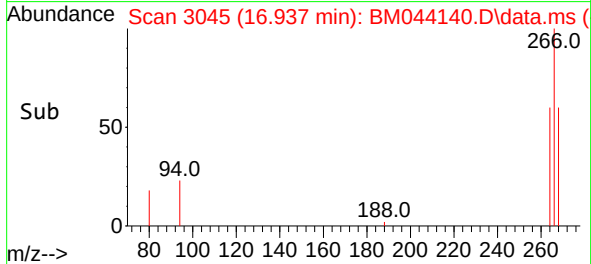


Tgt Ion:266 Resp: 65
Ion Ratio Lower Upper
266 100
264 61.2 49.4 74.0
268 51.9 52.1 78.1

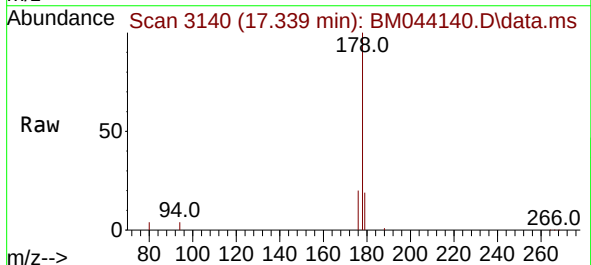
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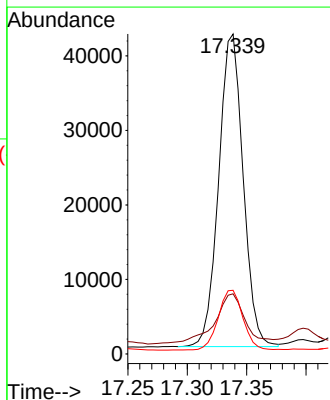
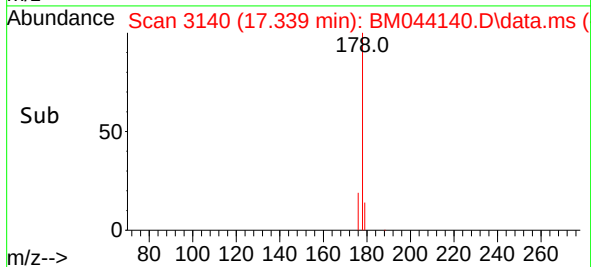
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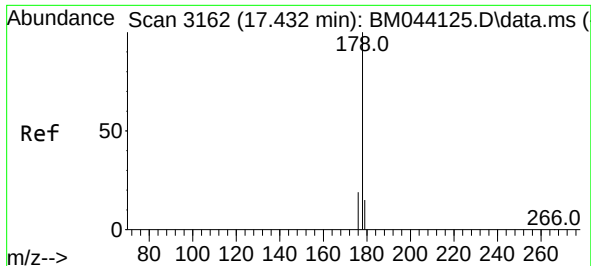


#15
Phenanthrene
Concen: 0.487 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46



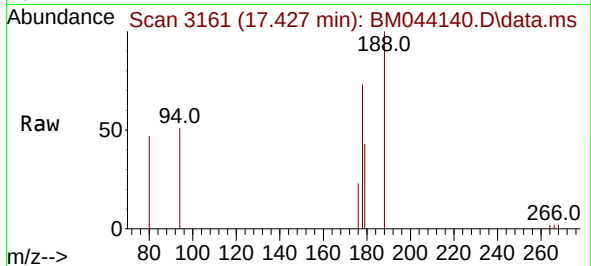
Tgt Ion:178 Resp: 60001
Ion Ratio Lower Upper
178 100
179 18.8 12.6 19.0
176 19.9 16.0 24.0





#16
 Anthracene
 Concen: 0.020 ng/ul m
 RT: 17.427 min Scan# 3161
 Delta R.T. -0.008 min
 Lab File: BM044140.D
 Acq: 16 Feb 2024 15:46

Instrument :
 BNA_M
 ClientSampleId :
 COFN0DL

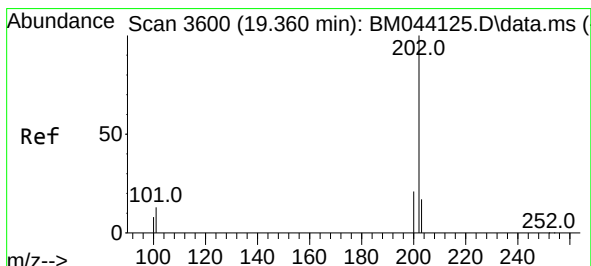
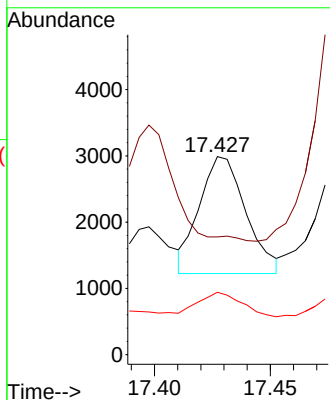
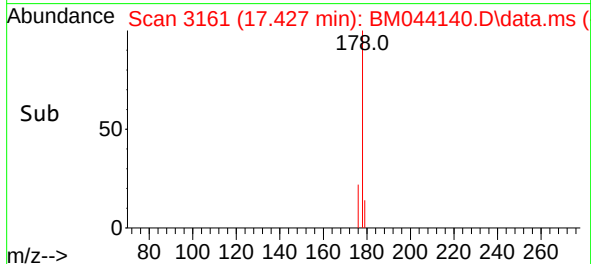


Tgt Ion:178 Resp: 2464
 Ion Ratio Lower Upper
 178 100
 179 59.5 12.8 19.2
 176 31.5 15.3 22.9

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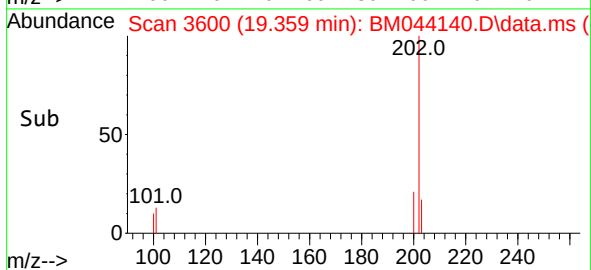
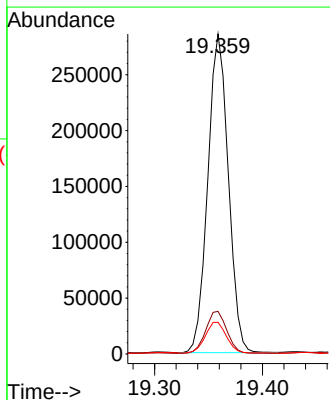
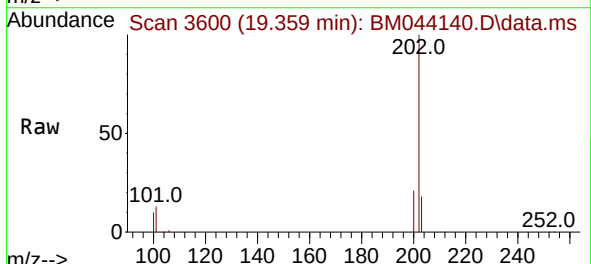
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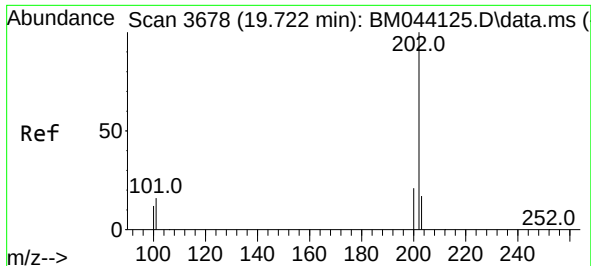
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 ahmed
 02/19/2024



#19
 Fluoranthene
 Concen: 4.108 ng/ul
 RT: 19.359 min Scan# 3600
 Delta R.T. -0.005 min
 Lab File: BM044140.D
 Acq: 16 Feb 2024 15:46

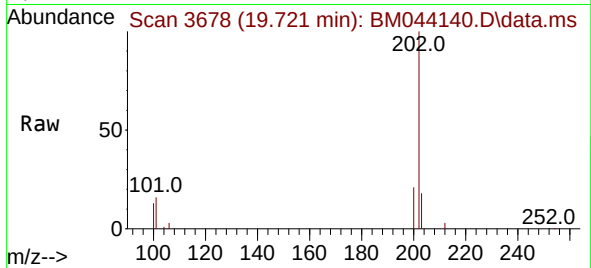
Tgt Ion:202 Resp: 378164
 Ion Ratio Lower Upper
 202 100
 101 13.3 9.8 14.6
 100 9.9 7.0 10.4





#20
Pyrene
Concen: 2.254 ng/ul
RT: 19.721 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
COFN0DL

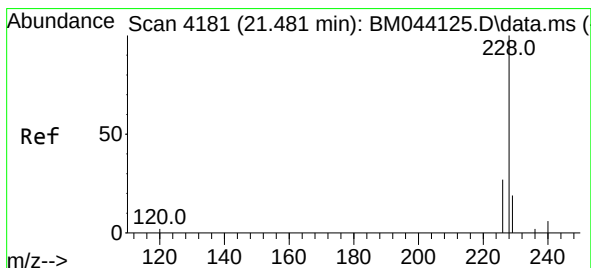
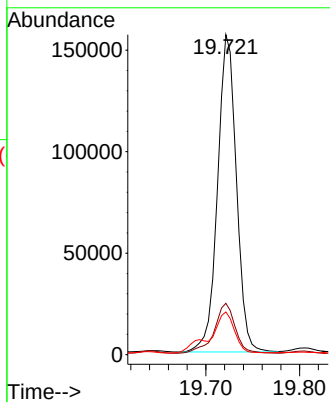
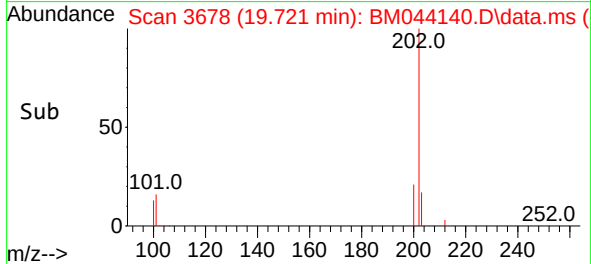


Tgt Ion:202 Resp: 21819
Ion Ratio Lower Upper
202 100
101 16.0 11.2 16.8
100 13.4 8.6 13.0

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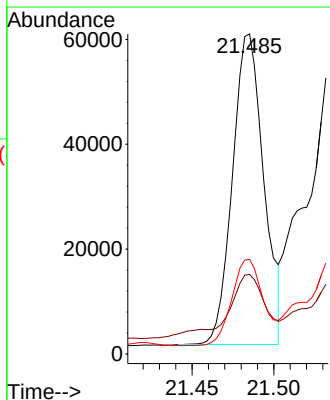
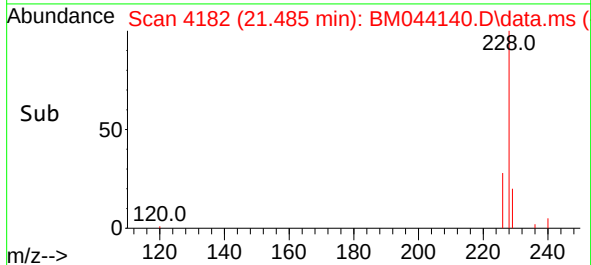
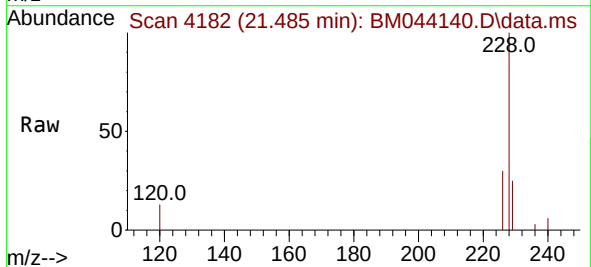
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Supervised By :mohammad ahmed 02/19/2024

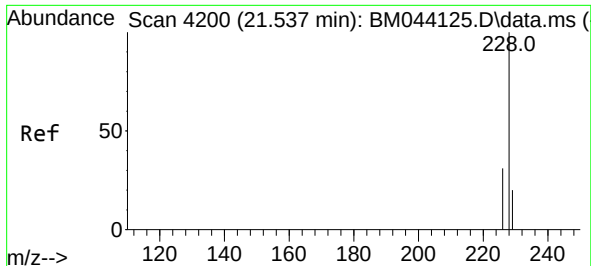
Supervised By :mohammad
ahmed
02/19/2024



#21
Benzo(a)anthracene
Concen: 0.852 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. 0.000 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

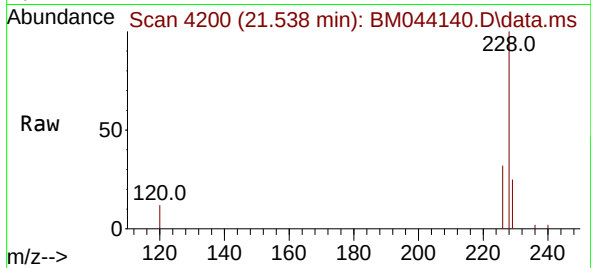
Tgt Ion:228 Resp: 78796
Ion Ratio Lower Upper
228 100
229 24.9 15.4 23.2#
226 29.6 22.1 33.1





#22
Chrysene
Concen: 1.046 ng/u1
RT: 21.538 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
COFN0DL

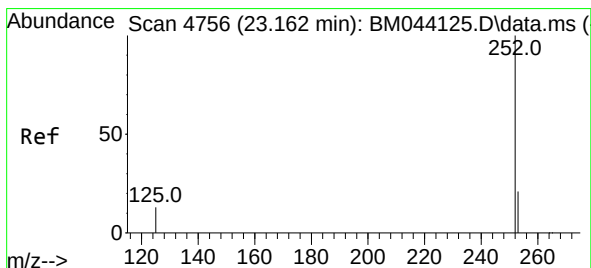
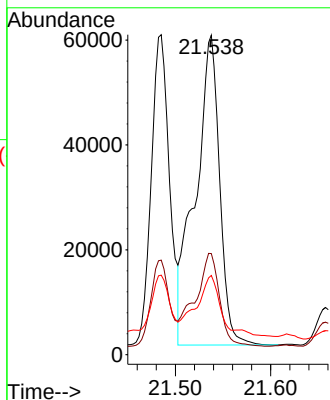


Tgt Ion:228 Resp: 104302
Ion Ratio Lower Upper
228 100
226 31.6 24.2 36.2
229 24.8 15.8 23.6

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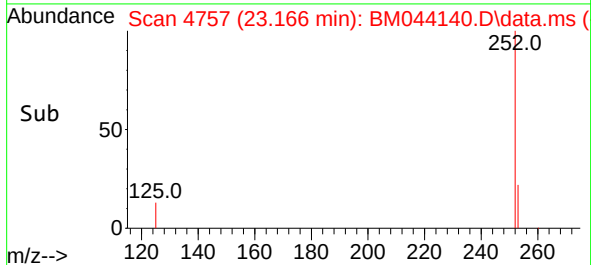
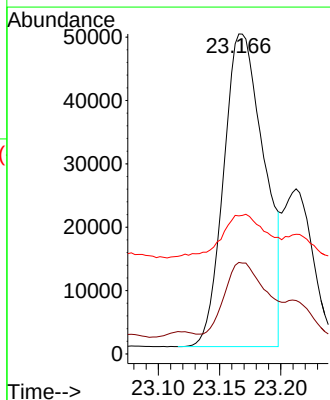
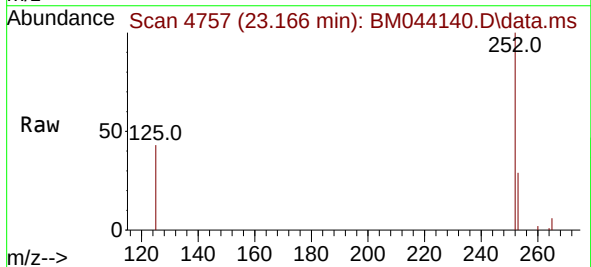
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

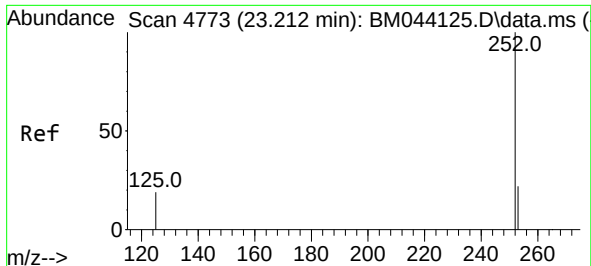
Supervised By :mohammad
ahmed
02/19/2024



#24
Benzo(b)fluoranthene
Concen: 1.304 ng/u1
RT: 23.166 min Scan# 4757
Delta R.T. 0.003 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

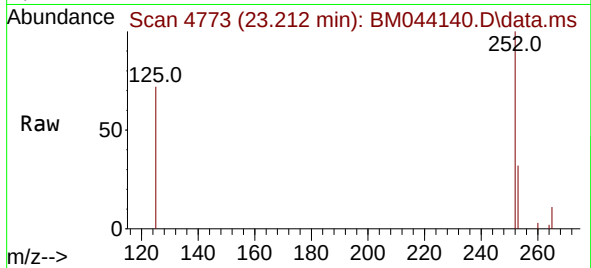
Tgt Ion:252 Resp: 113934
Ion Ratio Lower Upper
252 100
253 28.6 0.0 50.0
125 43.1 0.0 28.2





#25
Benzo(k)fluoranthene
Concen: 0.445 ng/ul m
RT: 23.212 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
COFN0DL

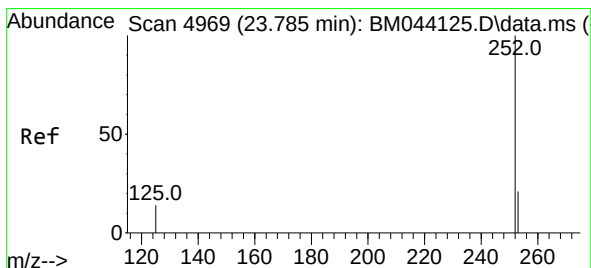
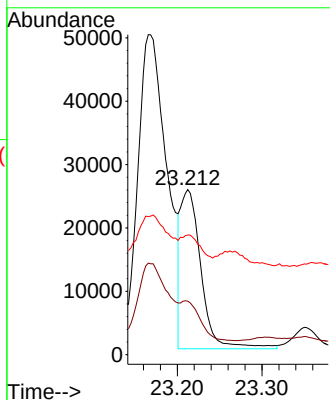
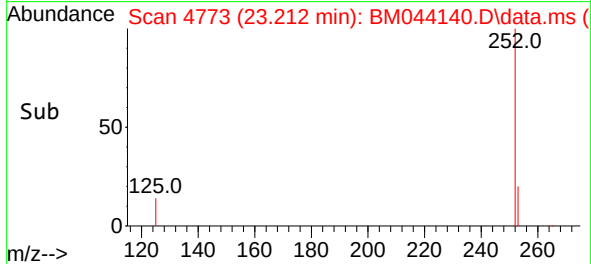


Tgt Ion:252 Resp: 4217
Ion Ratio Lower Upper
252 100
253 32.3 20.1 30.1
125 72.4 12.3 18.5

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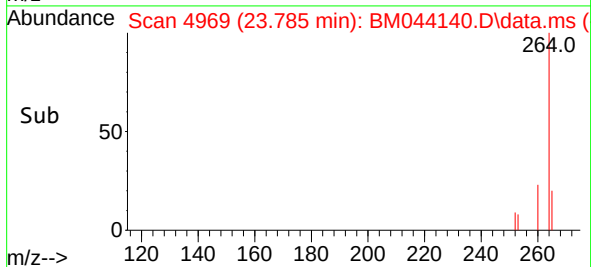
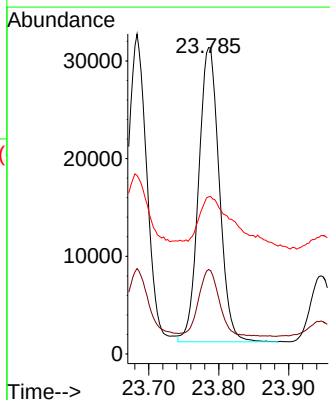
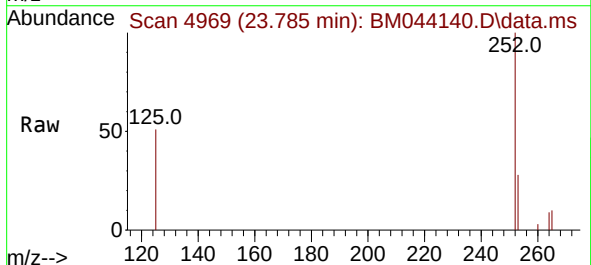
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

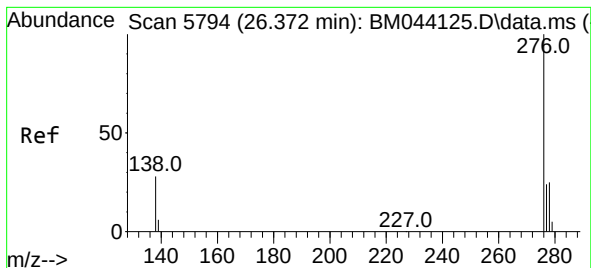
Supervised By :mohammad
ahmed
02/19/2024



#26
Benzo(a)pyrene
Concen: 0.762 ng/ul
RT: 23.785 min Scan# 4969
Delta R.T. 0.000 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Tgt Ion:252 Resp: 61910
Ion Ratio Lower Upper
252 100
253 27.6 21.4 32.2
125 51.3 13.3 19.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.399 ng/ul

RT: 26.370 min Scan# 5794

Delta R.T. 0.000 min

Lab File: BM044140.D

Acq: 16 Feb 2024 15:46

Instrument :

BNA_M

ClientSampleId :

COFN0DL

Tgt Ion:	276	Resp:	4125
Ion Ratio	Lower	Upper	
276	100		
138	30.6	25.2	37.8
227	0.5	0.1	0.1

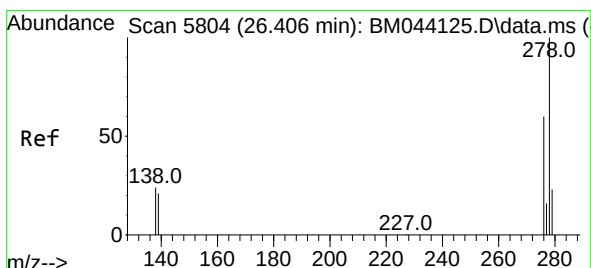
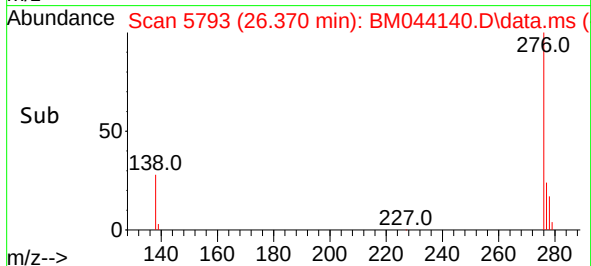
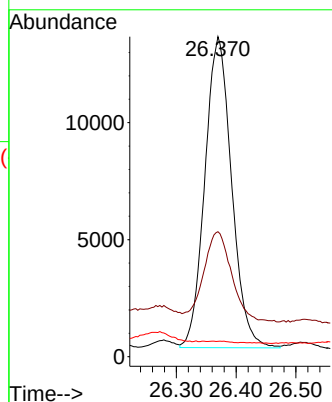
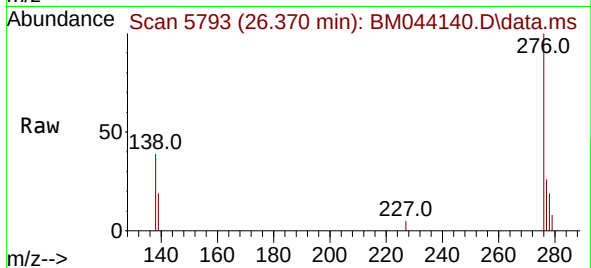
Manual Integrations

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Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/19/2024

Supervised By :mohammad
ahmed
02/19/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.131 ng/ul

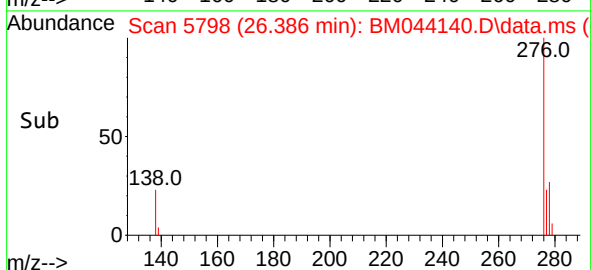
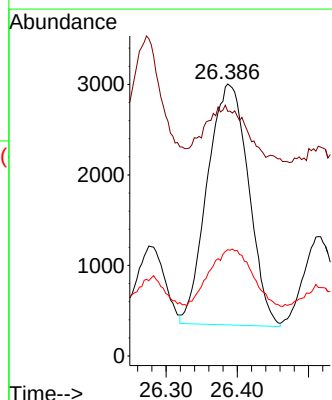
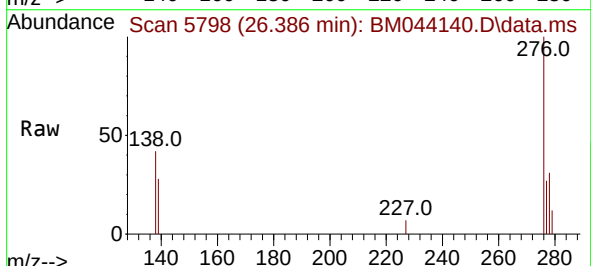
RT: 26.386 min Scan# 5798

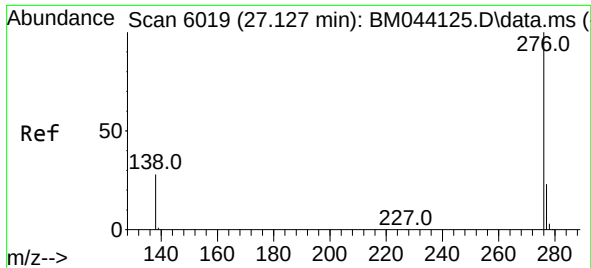
Delta R.T. -0.023 min

Lab File: BM044140.D

Acq: 16 Feb 2024 15:46

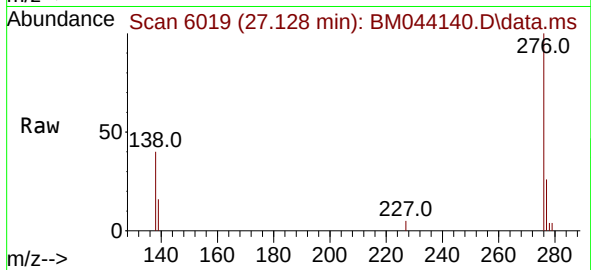
Tgt Ion:	278	Resp:	10685
Ion Ratio	Lower	Upper	
278	100		
139	89.9	17.8	26.8#
279	39.0	21.8	32.8#





#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 27.128 min Scan# 6019
Delta R.T. 0.000 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
COFN0DL



Tgt Ion:276 Resp: 38740
Ion Ratio Lower Upper
276 100
138 39.8 22.7 34.1
277 25.5 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

Supervised By :mohammad
ahmed
02/19/2024

