

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044137.D
 Acq On : 16 Feb 2024 13:57
 Operator : MA/JU
 Sample : P1329-11DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FM2DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 16 22:39:14 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	9163	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	31321	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.544	164	18201	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	35718	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.499	240	22835	0.400	ng/ul	# 0.00
23) Perylene-d12	23.890	264	24619	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	11527	0.888	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	4816	0.110	ng/ul	-0.01
18) Fluoranthene-d10	19.327	212	5554	0.082	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.748	128	60266	0.647	ng/ul#	89
7) 2-Methylnaphthalene	12.365	142	147358	2.566	ng/ul	97
8) 1-Methylnaphthalene	12.585	142	118354	2.037	ng/ul	96
10) Acenaphthylene	14.271	152	7212	0.072	ng/ul#	1
11) Acenaphthene	14.604	153	7654	0.106	ng/ul#	87
12) Fluorene	15.594	166	8051	0.098	ng/ul#	80
14) Pentachlorophenol	16.943	266	469	0.037	ng/ul	91
15) Phenanthrene	17.335	178	20017	0.177	ng/ul#	95
19) Fluoranthene	19.360	202	164778	1.583	ng/ul	97
20) Pyrene	19.722	202	72334	0.661	ng/ul#	94
21) Benzo(a)anthracene	21.481	228	35109	0.336	ng/ul#	92
22) Chrysene	21.534	228	48172	0.427	ng/ul#	94
24) Benzo(b)fluoranthene	23.162	252	55161	0.543	ng/ul#	67
25) Benzo(k)fluoranthene	23.209	252	22671m	0.206	ng/ul	
26) Benzo(a)pyrene	23.782	252	30169	0.319	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	26.362	276	18976	0.158	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.389	278	5018	0.053	ng/ul#	1
29) Benzo(g,h,i)perylene	27.124	276	17786	0.167	ng/ul#	85

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

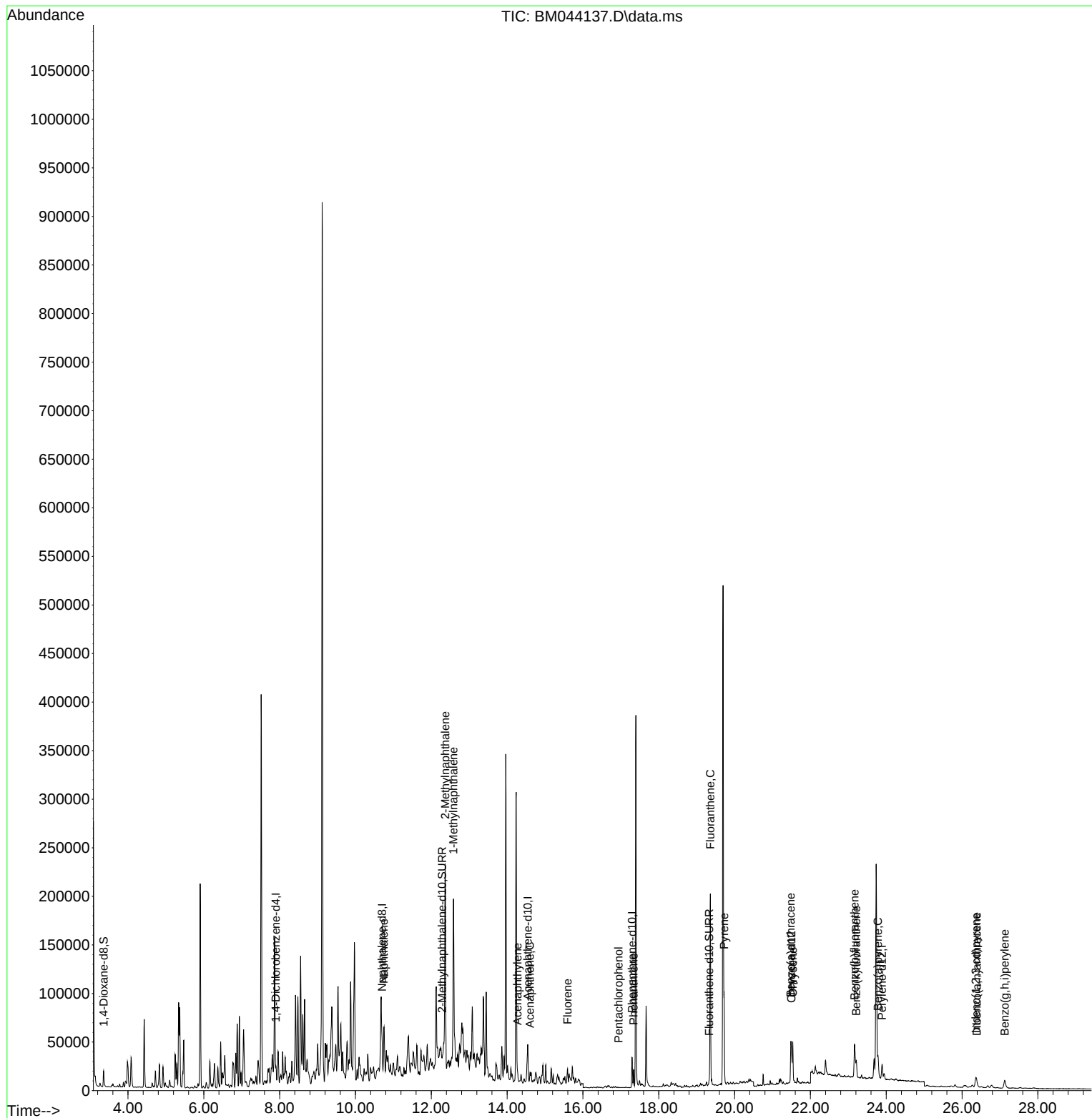
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044137.D
Acq On : 16 Feb 2024 13:57
Operator : MA/JU
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ALS Vial : 47 Sample Multiplier: 1

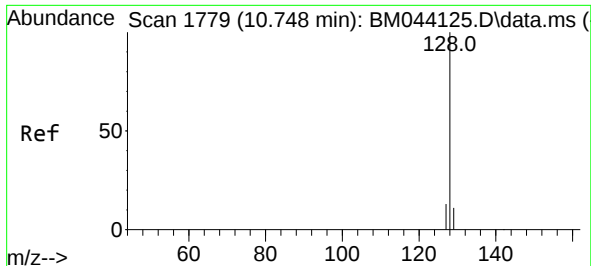
Instrument :
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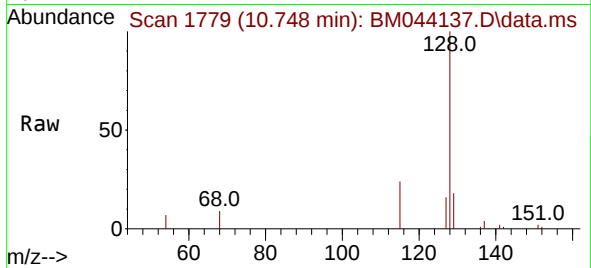
Quant Time: Feb 16 22:39:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.647 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

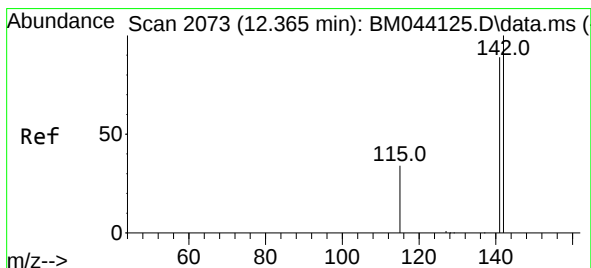
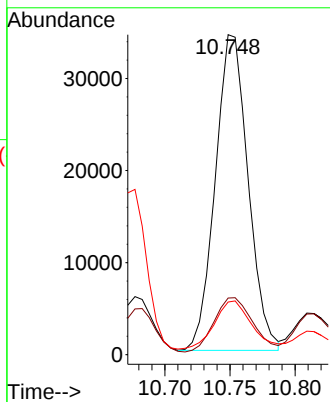
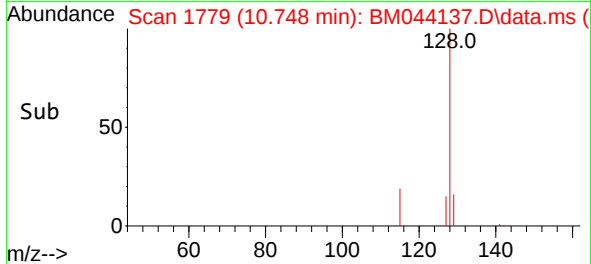
Instrument :
BNA_M
ClientSampleId :
C0FM2DL



Tgt Ion:128 Resp: 60260
Ion Ratio Lower Upper
128 100
129 17.7 9.5 14.3
127 16.5 10.7 16.1

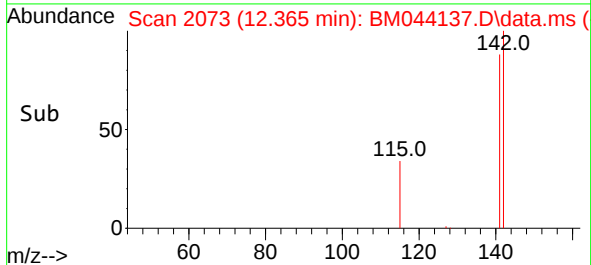
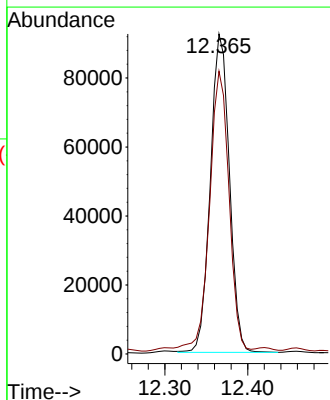
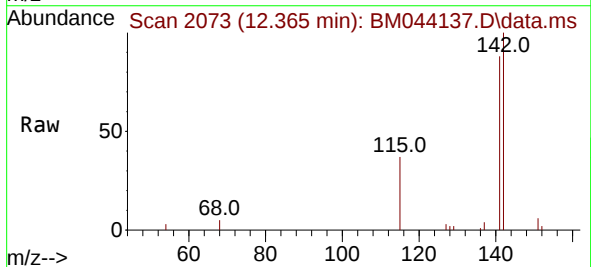
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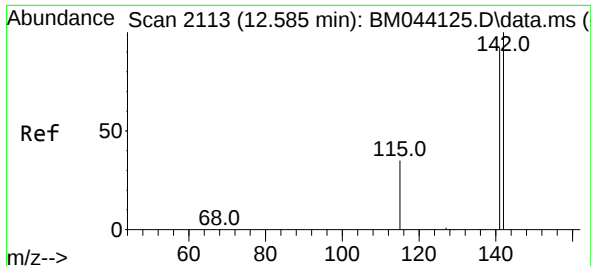
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#7
2-Methylnaphthalene
Concen: 2.566 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

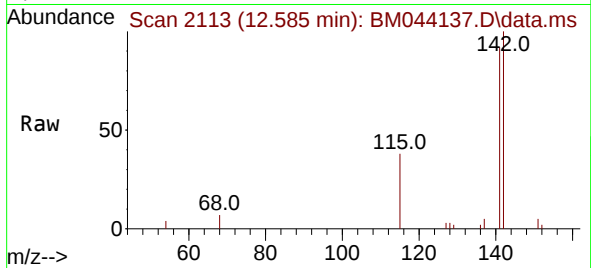
Tgt Ion:142 Resp: 147358
Ion Ratio Lower Upper
142 100
141 90.7 70.0 105.0





#8
1-Methylnaphthalene
Concen: 2.037 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

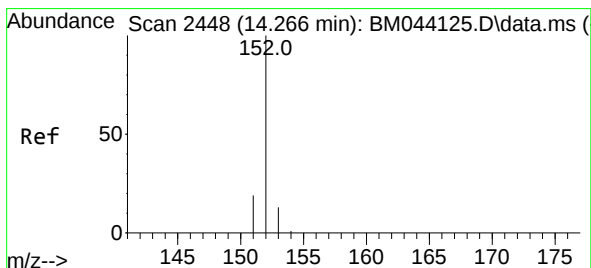
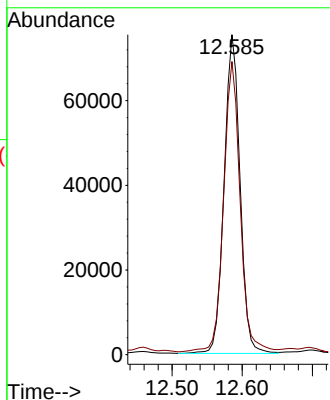
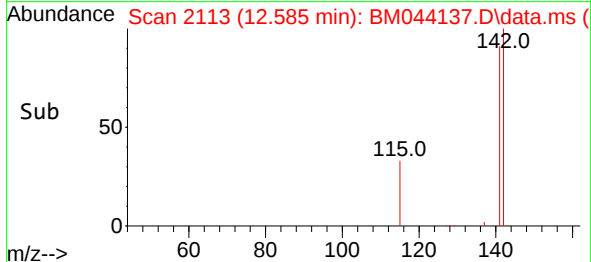
Instrument :
BNA_M
ClientSampleId :
C0FM2DL



Tgt Ion:142 Resp: 118354
Ion Ratio Lower Upper
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141 94.3 72.5 108.7

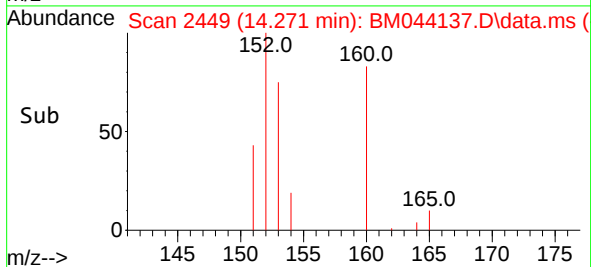
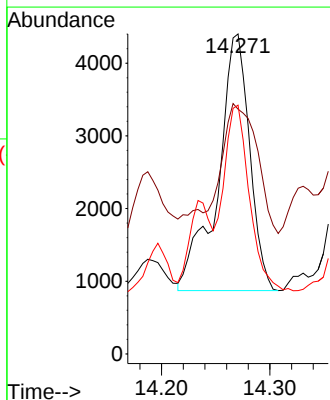
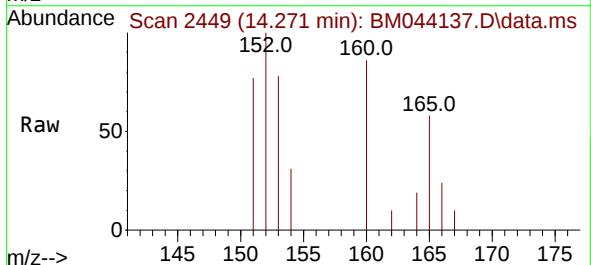
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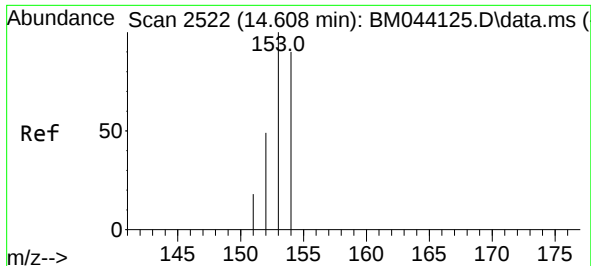
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#10
Acenaphthylene
Concen: 0.072 ng/ul
RT: 14.271 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

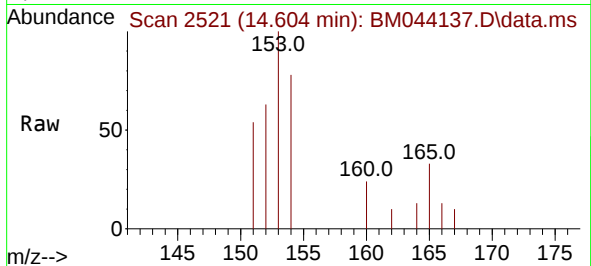
Tgt Ion:152 Resp: 7212
Ion Ratio Lower Upper
152 100
151 76.5 15.5 23.3#
153 77.7 10.8 16.2#





#11
Acenaphthene
Concen: 0.106 ng/uI
RT: 14.604 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

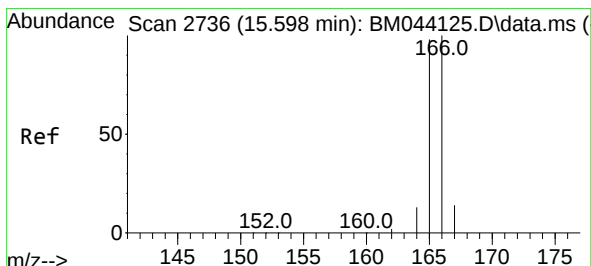
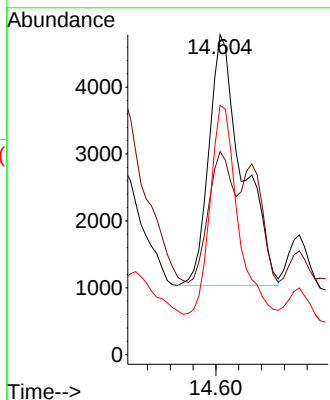
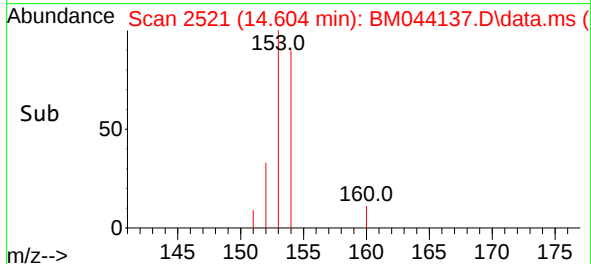
Instrument :
BNA_M
ClientSampleId :
C0FM2DL



Tgt Ion:153 Resp: 7654
Ion Ratio Lower Upper
153 100
152 63.4 40.6 61.0
154 77.9 70.1 105.1

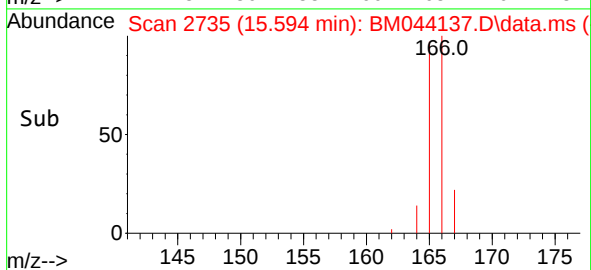
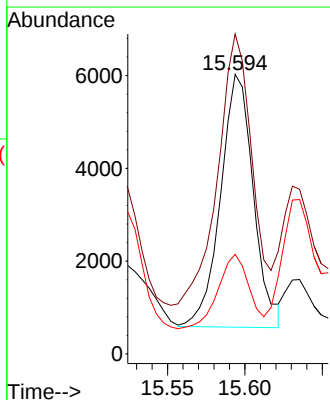
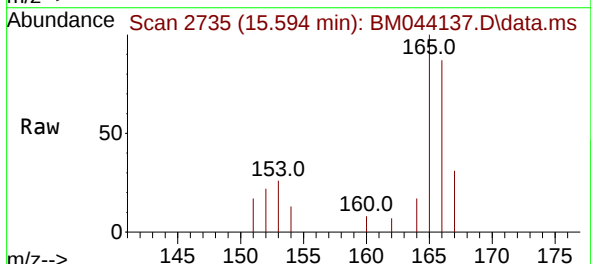
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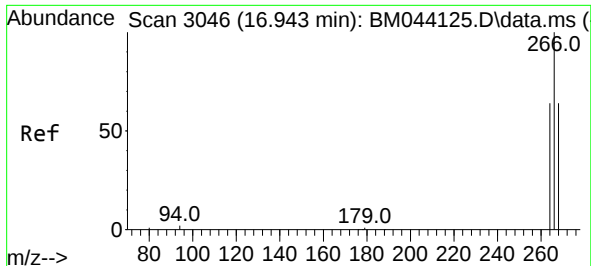
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#12
Fluorene
Concen: 0.098 ng/uI
RT: 15.594 min Scan# 2735
Delta R.T. -0.004 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

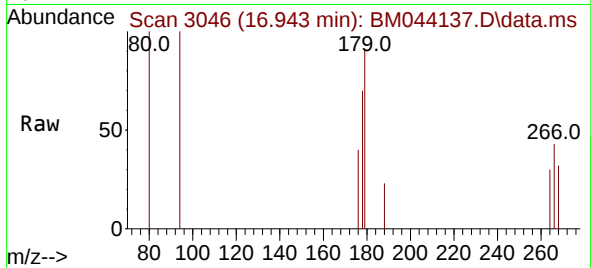
Tgt Ion:166 Resp: 8051
Ion Ratio Lower Upper
166 100
165 114.5 79.8 119.6
167 35.7 11.1 16.7#





#14
Pentachlorophenol
Concen: 0.037 ng/ul
RT: 16.943 min Scan# 3046
Delta R.T. -0.003 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

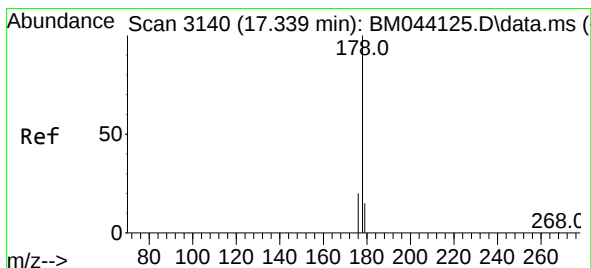
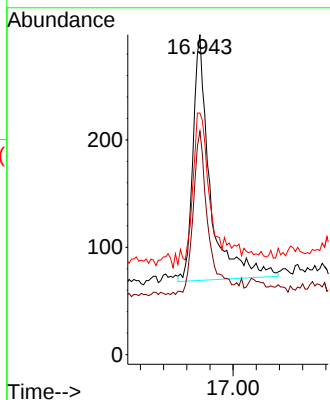
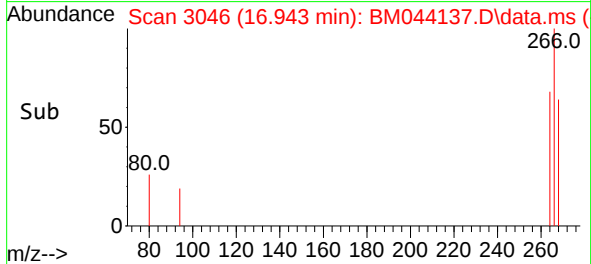
Instrument :
BNA_M
ClientSampleId :
C0FM2DL



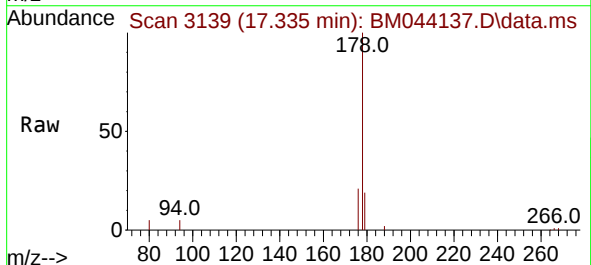
Tgt Ion:266 Resp: 469
Ion Ratio Lower Upper
266 100
264 60.6 49.4 74.0
268 77.2 52.1 78.1

Manual Integrations
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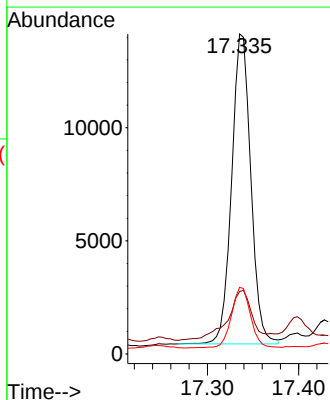
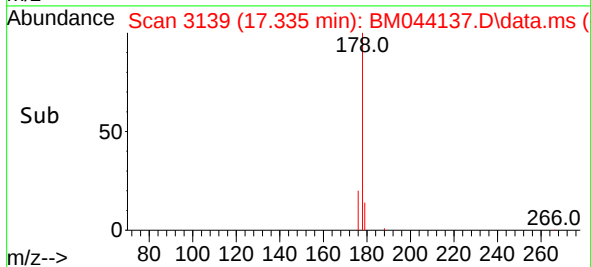
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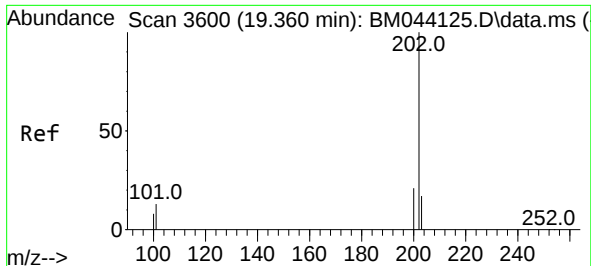


#15
Phenanthrene
Concen: 0.177 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57



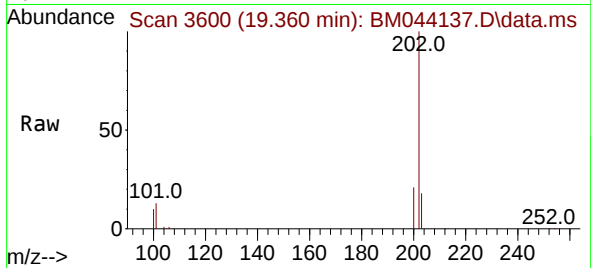
Tgt Ion:178 Resp: 20017
Ion Ratio Lower Upper
178 100
179 19.5 12.6 19.0#
176 20.8 16.0 24.0





#19
Fluoranthene
Concen: 1.583 ng/ul
RT: 19.360 min Scan# 3600
Delta R.T. -0.004 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

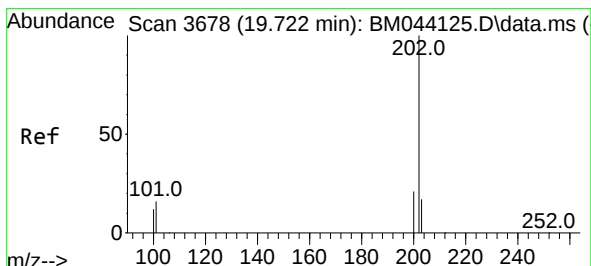
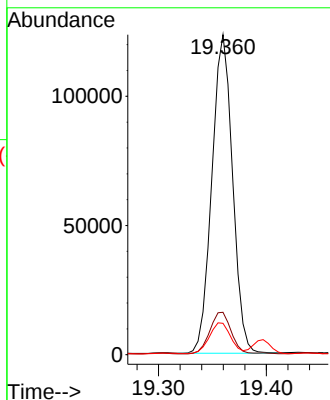
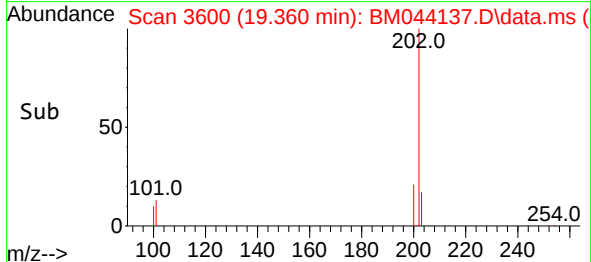
Instrument :
BNA_M
ClientSampleId :
C0FM2DL



Tgt Ion:202 Resp: 164778
Ion Ratio Lower Upper
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101 13.2 9.8 14.6
100 9.8 7.0 10.4

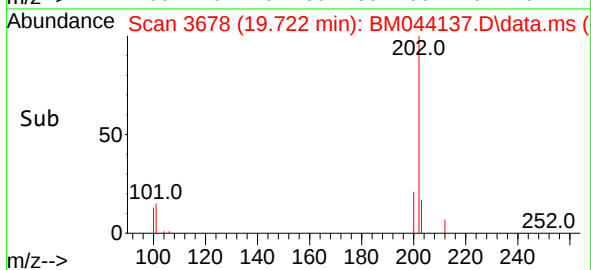
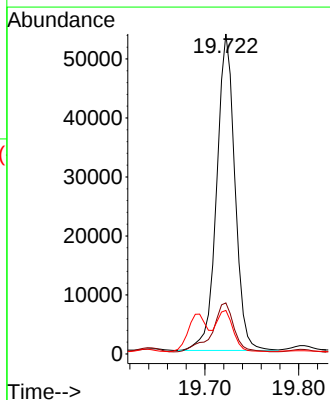
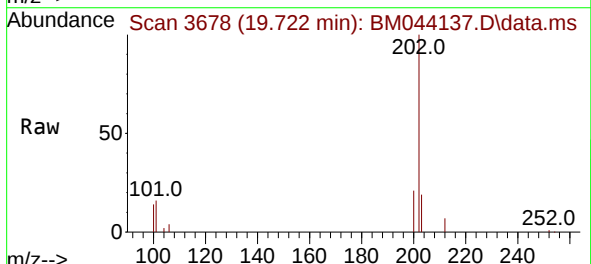
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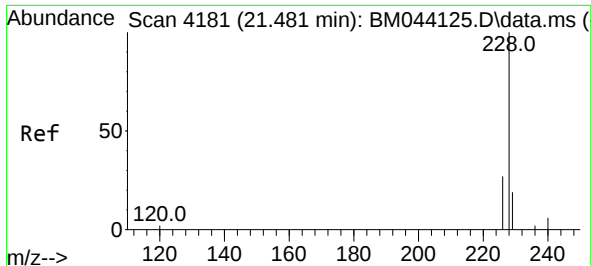
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#20
Pyrene
Concen: 0.661 ng/ul
RT: 19.722 min Scan# 3678
Delta R.T. -0.004 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

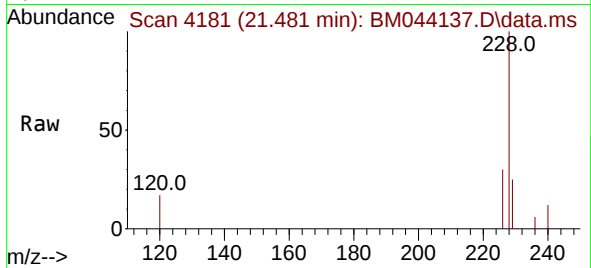
Tgt Ion:202 Resp: 72334
Ion Ratio Lower Upper
202 100
101 15.9 11.2 16.8
100 13.6 8.6 13.0#





#21
Benzo(a)anthracene
Concen: 0.336 ng/ul
RT: 21.481 min Scan# 4181
Delta R.T. -0.004 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

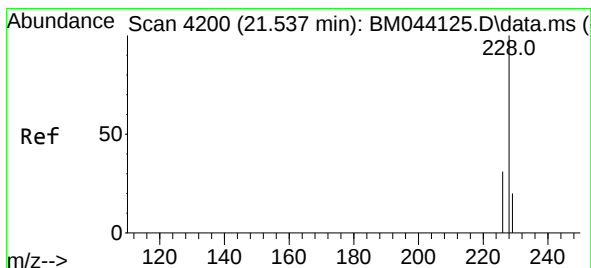
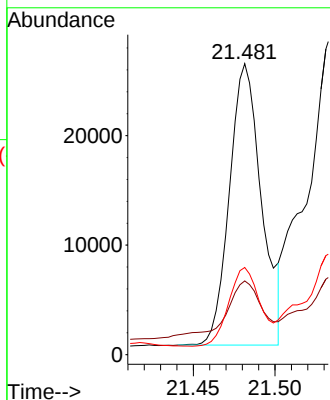
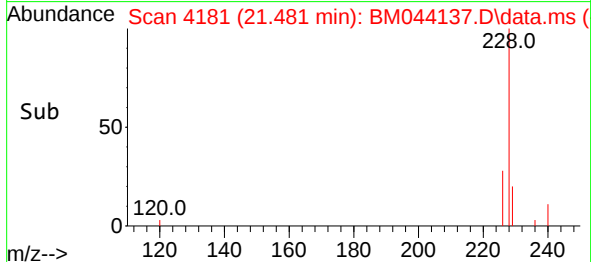
Instrument :
BNA_M
ClientSampleId :
C0FM2DL



Tgt Ion:228 Resp: 35109
Ion Ratio Lower Upper
228 100
229 25.4 15.4 23.2
226 29.9 22.1 33.1

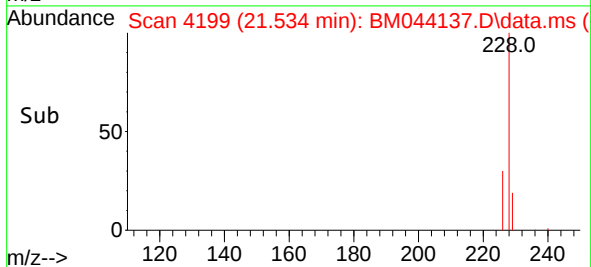
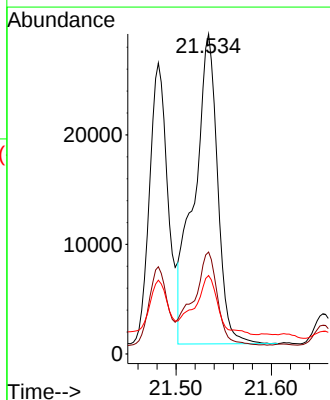
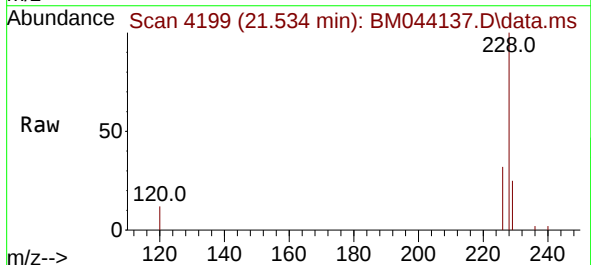
Manual Integrations
APPROVED

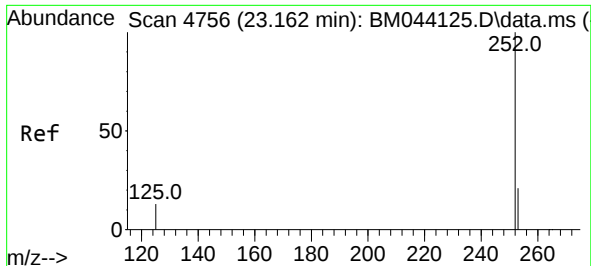
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#22
Chrysene
Concen: 0.427 ng/ul
RT: 21.534 min Scan# 4199
Delta R.T. -0.004 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

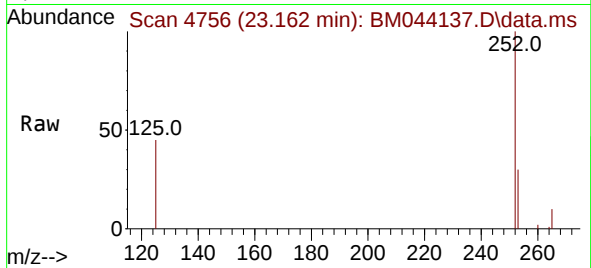
Tgt Ion:228 Resp: 48172
Ion Ratio Lower Upper
228 100
226 31.9 24.2 36.2
229 24.5 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.543 ng/ul
RT: 23.162 min Scan# 4756
Delta R.T. -0.001 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

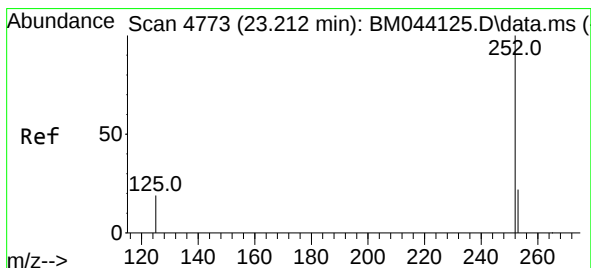
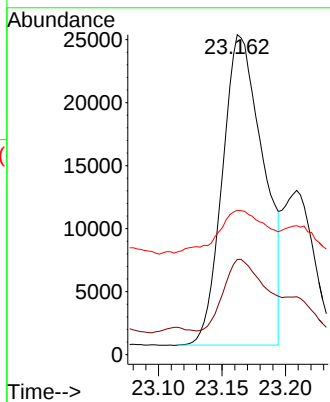
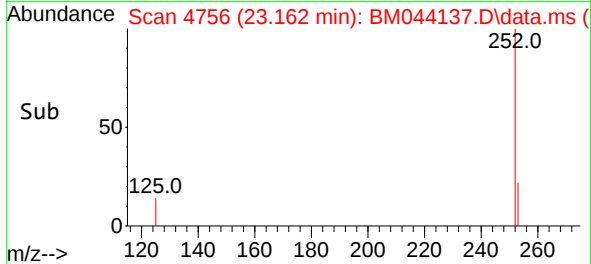
Instrument :
BNA_M
ClientSampleId :
C0FM2DL



Tgt Ion:252 Resp: 5516
Ion Ratio Lower Upper
252 100
253 29.8 0.0 50.0
125 45.1 0.0 28.2

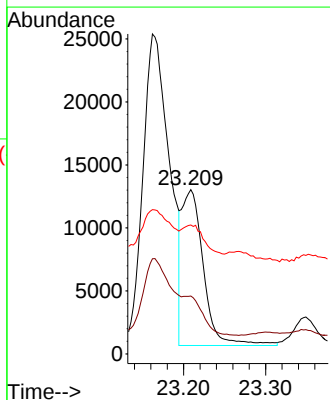
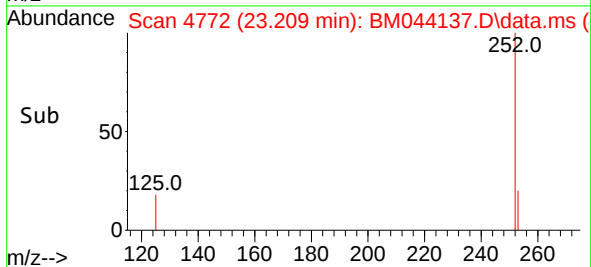
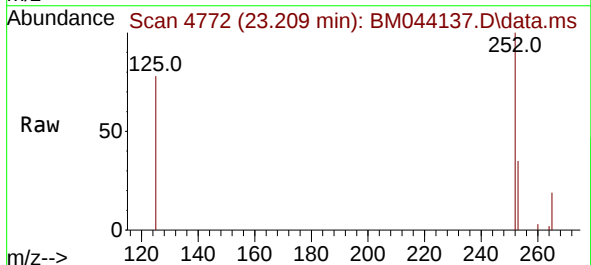
Manual Integrations
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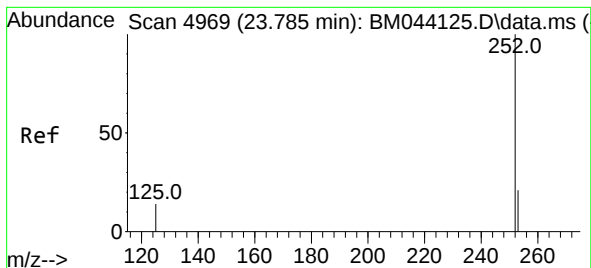
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.206 ng/ul m
RT: 23.209 min Scan# 4772
Delta R.T. -0.004 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

Tgt Ion:252 Resp: 22671
Ion Ratio Lower Upper
252 100
253 35.2 20.1 30.1#
125 78.5 12.3 18.5#





#26

Benzo(a)pyrene

Concen: 0.319 ng/ul

RT: 23.782 min Scan# 4969

Delta R.T. -0.004 min

Lab File: BM044137.D

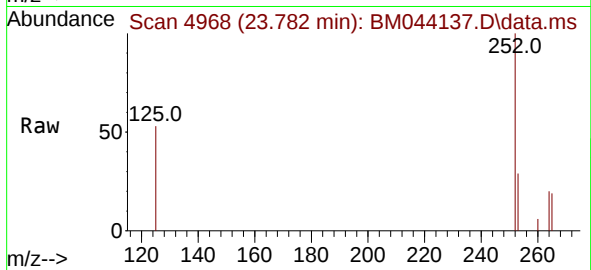
Acq: 16 Feb 2024 13:57

Instrument :

BNM_M

ClientSampleId :

C0FM2DL



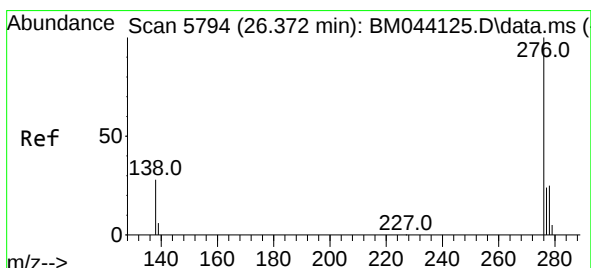
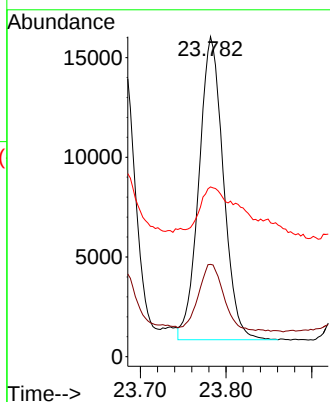
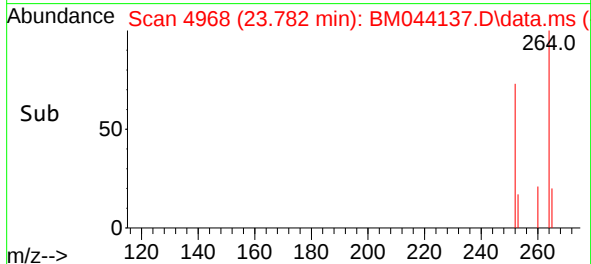
Tgt Ion:	252	Resp:	30169
Ion Ratio	Lower	Upper	
252	100		
253	28.9	21.4	32.2
125	53.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/19/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.158 ng/ul

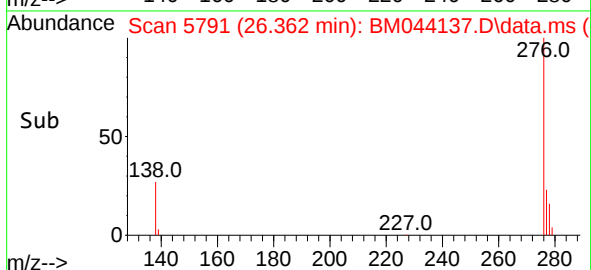
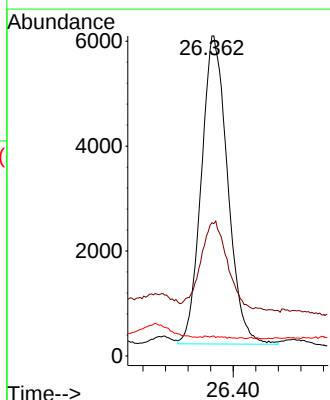
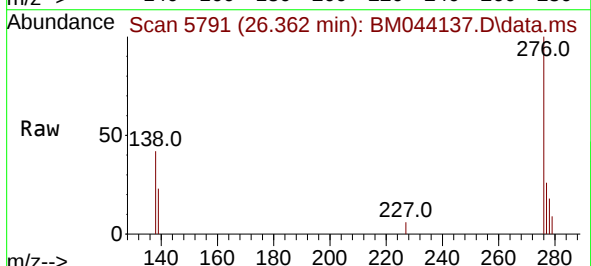
RT: 26.362 min Scan# 5791

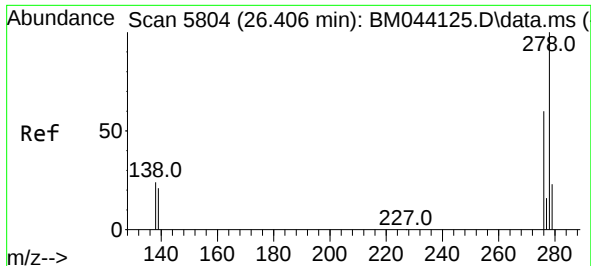
Delta R.T. -0.007 min

Lab File: BM044137.D

Acq: 16 Feb 2024 13:57

Tgt Ion:	276	Resp:	18976
Ion Ratio	Lower	Upper	
276	100		
138	31.9	25.2	37.8
227	0.0	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.053 ng/ul

RT: 26.389 min Scan# 518

Delta R.T. -0.021 min

Lab File: BM044137.D

Acq: 16 Feb 2024 13:57

Instrument :

BNA_M

ClientSampleId :

C0FM2DL

Tgt Ion:278 Resp: 5018

Ion Ratio Lower Upper

278 100

139 98.3 17.8 26.8

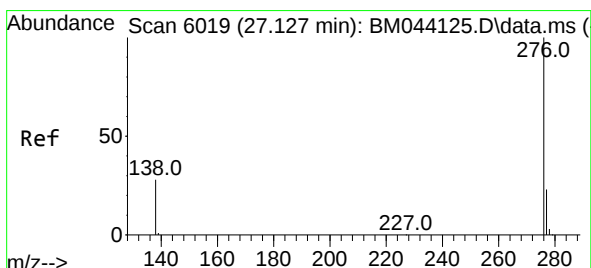
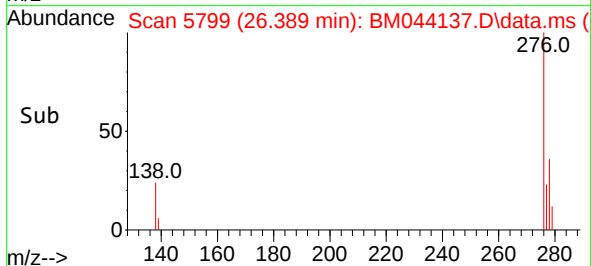
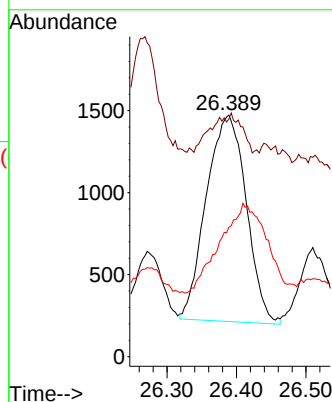
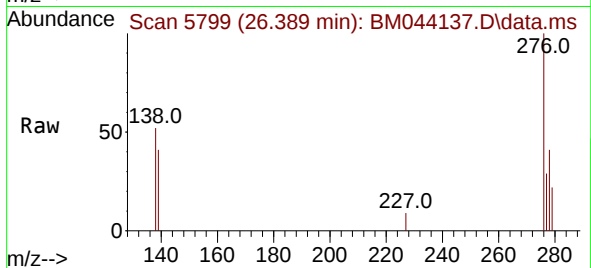
279 53.6 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/19/2024



#29

Benzo(g,h,i)perylene

Concen: 0.167 ng/ul

RT: 27.124 min Scan# 6018

Delta R.T. -0.004 min

Lab File: BM044137.D

Acq: 16 Feb 2024 13:57

Tgt Ion:276 Resp: 17786

Ion Ratio Lower Upper

276 100

138 41.4 22.7 34.1

277 25.8 19.0 28.6

