

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044144.D
 Acq On : 16 Feb 2024 18:48
 Operator : MA/JU
 Sample : P1305-05DL 5X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FP6DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 16 22:40:11 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	8126	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	27103	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	14242	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	28800	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	18191	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264	18896	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	10968	0.953	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	2531	0.067	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	4658	0.086	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.748	128	3269	0.041	ng/ul#	91
7) 2-Methylnaphthalene	12.371	142	2832	0.057	ng/ul	99
8) 1-Methylnaphthalene	12.585	142	1349	0.027	ng/ul	99
11) Acenaphthene	14.607	153	8840	0.156	ng/ul	98
12) Fluorene	15.593	166	9218	0.144	ng/ul	98
14) Pentachlorophenol	16.942	266	324	0.031	ng/ul	98
15) Phenanthrene	17.339	178	256793	2.813	ng/ul	99
16) Anthracene	17.427	178	35917	0.398	ng/ul	100
19) Fluoranthene	19.359	202	516714	6.231	ng/ul	98
20) Pyrene	19.721	202	434299	4.980	ng/ul	96
21) Benzo(a)anthracene	21.479	228	177905	2.136	ng/ul	99
22) Chrysene	21.535	228	176788	1.968	ng/ul	98
24) Benzo(b)fluoranthene	23.163	252	186140	2.387	ng/ul	98
25) Benzo(k)fluoranthene	23.207	252	72834m	0.860	ng/ul	
26) Benzo(a)pyrene	23.780	252	112402	1.551	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.363	276	57394	0.622	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.386	278	14620	0.201	ng/ul	92
29) Benzo(g,h,i)perylene	27.121	276	52741	0.646	ng/ul	99

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

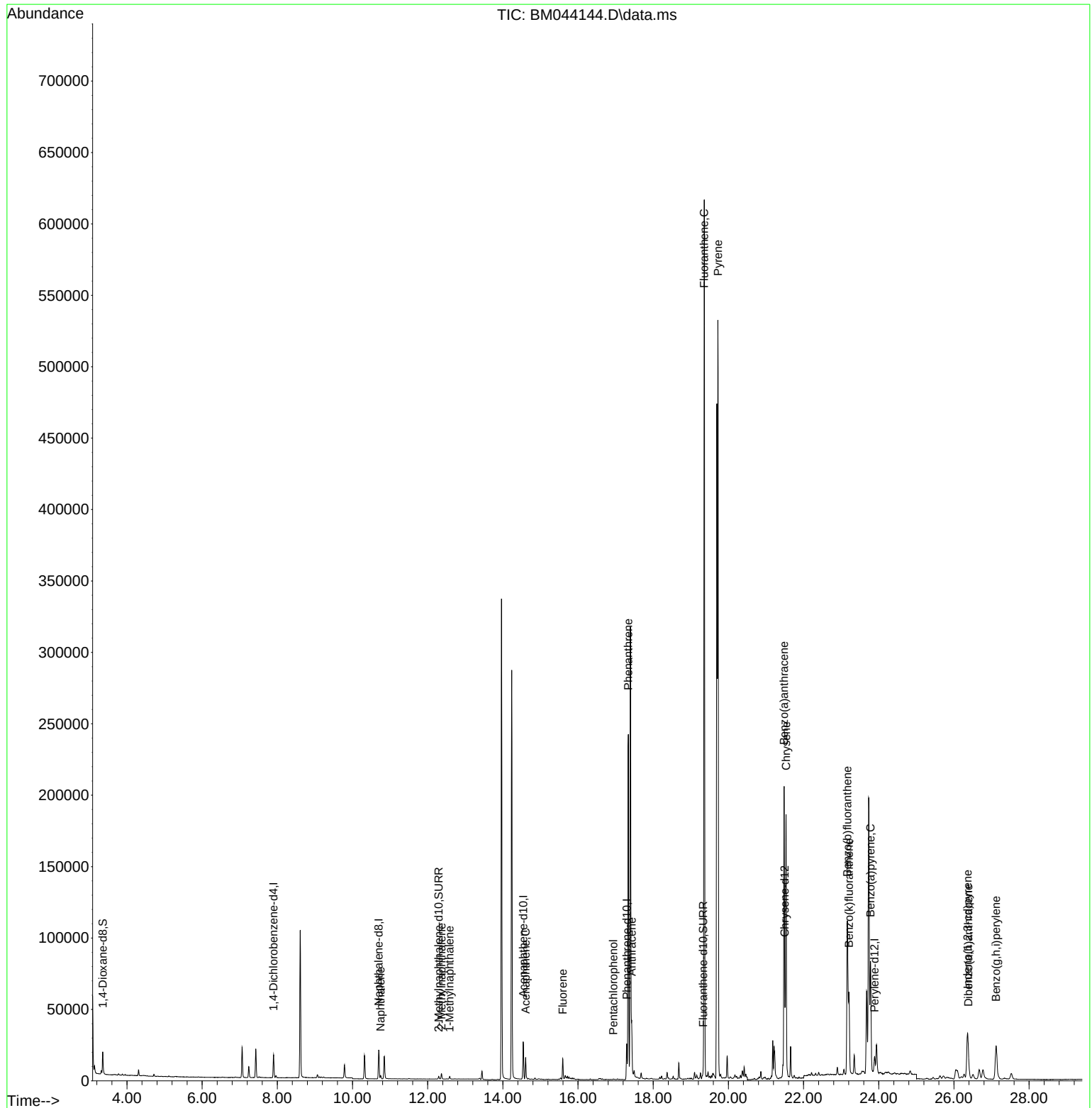
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044144.D
Acq On : 16 Feb 2024 18:48
Operator : MA/JU
Sample : P1305-05DL 5X
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ALS Vial : 55 Sample Multiplier: 1

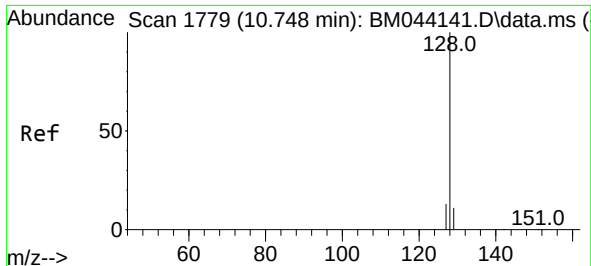
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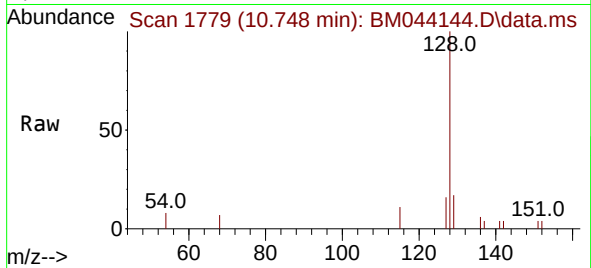
Quant Time: Feb 16 22:40:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48

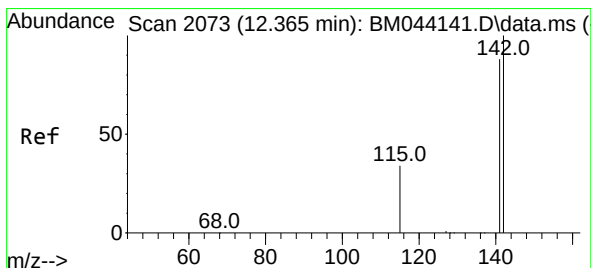
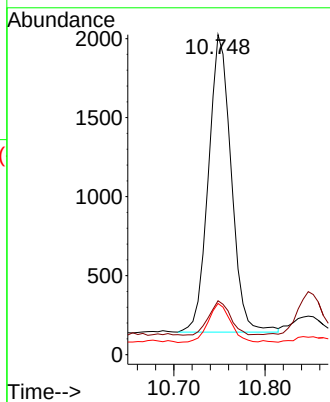
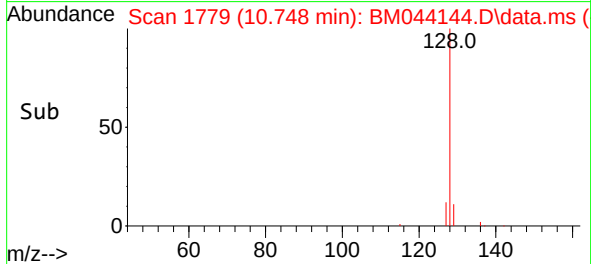
Instrument :
BNA_M
ClientSampleId :
C0FP6DL



Tgt Ion:128 Resp: 3269
Ion Ratio Lower Upper
128 100
129 16.8 9.5 14.3
127 16.0 10.7 16.1

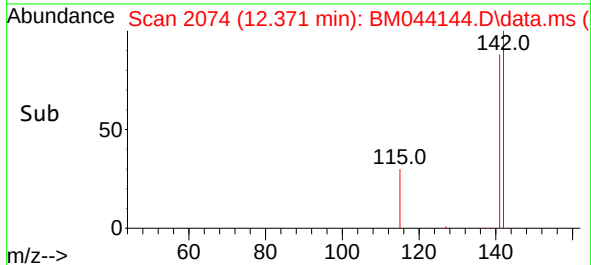
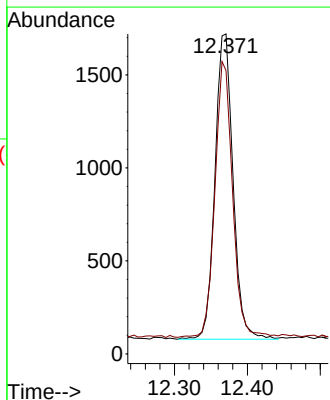
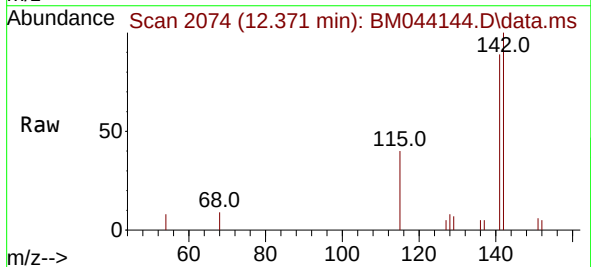
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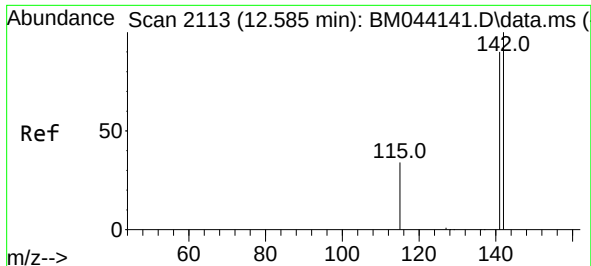
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#7
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.371 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48

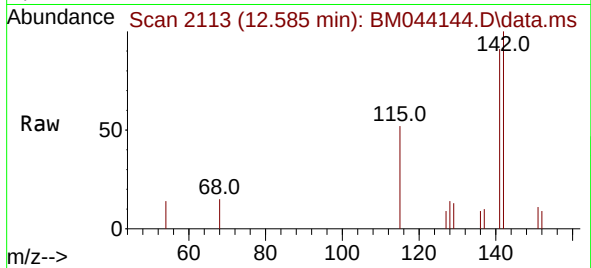
Tgt Ion:142 Resp: 2832
Ion Ratio Lower Upper
142 100
141 88.2 70.0 105.0





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48

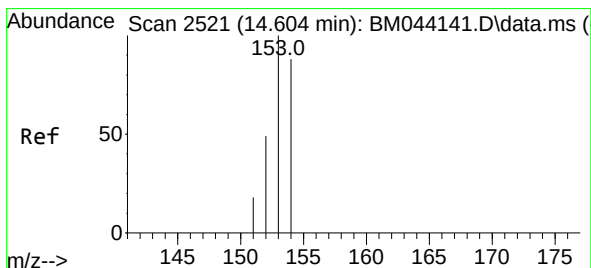
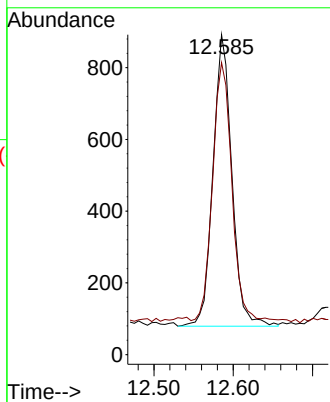
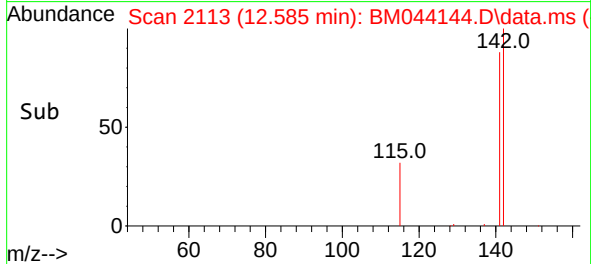
Instrument :
BNA_M
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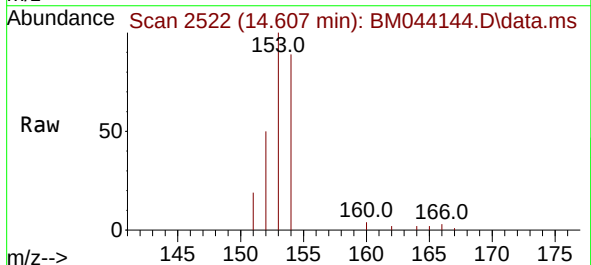
Tgt Ion:142 Resp: 1349
Ion Ratio Lower Upper
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141 91.1 72.5 108.7

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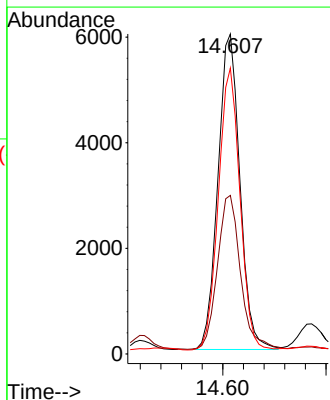
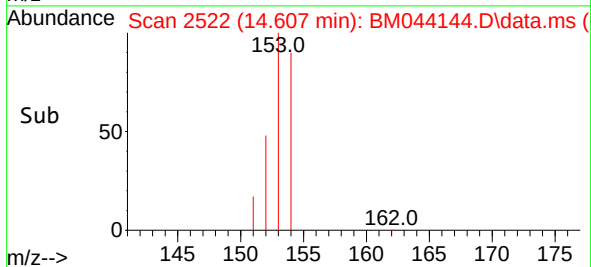
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

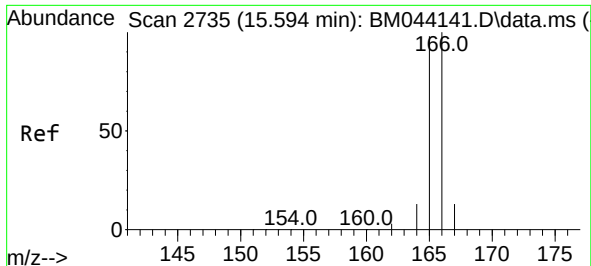


#11
Acenaphthene
Concen: 0.156 ng/ul
RT: 14.607 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48



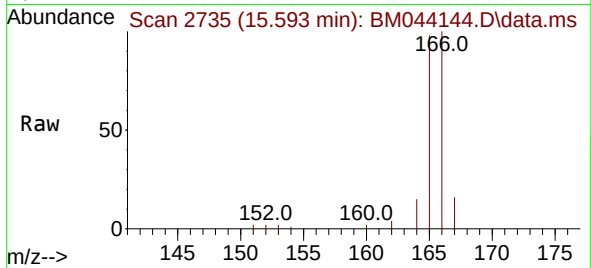
Tgt Ion:153 Resp: 8840
Ion Ratio Lower Upper
153 100
152 49.6 40.6 61.0
154 89.4 70.1 105.1





#12
Fluorene
Concen: 0.144 ng/ul
RT: 15.593 min Scan# 2735
Delta R.T. -0.005 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48

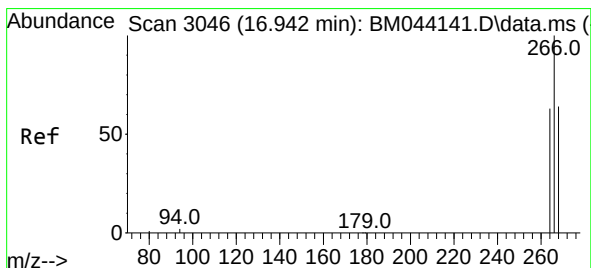
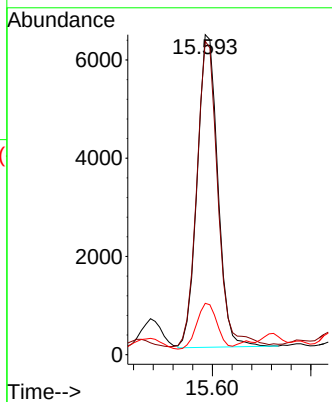
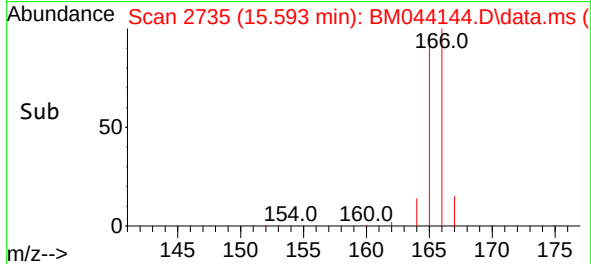
Instrument :
BNA_M
ClientSampleId :
C0FP6DL



Tgt Ion:166 Resp: 9218
Ion Ratio Lower Upper
166 100
165 98.0 79.8 119.6
167 16.1 11.1 16.7

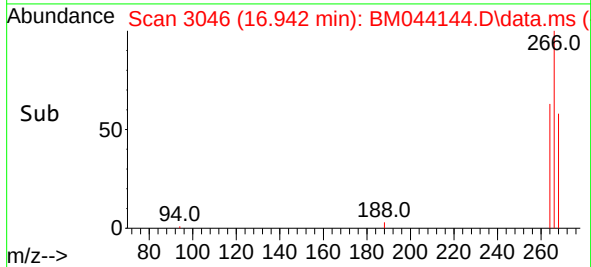
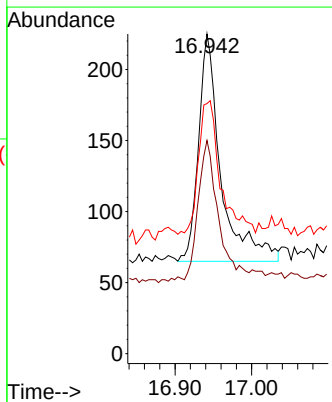
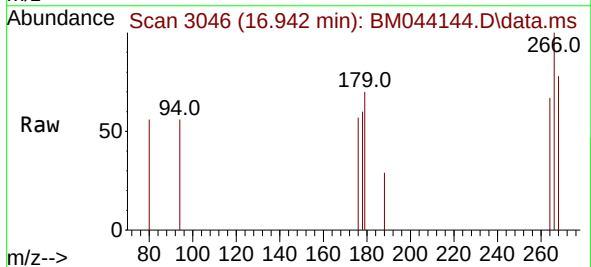
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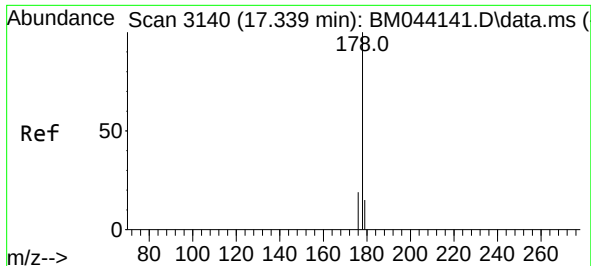
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#14
Pentachlorophenol
Concen: 0.031 ng/ul
RT: 16.942 min Scan# 3046
Delta R.T. -0.004 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48

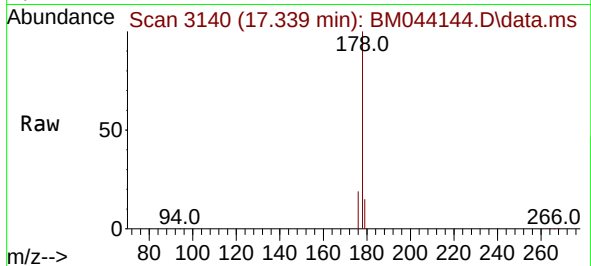
Tgt Ion:266 Resp: 324
Ion Ratio Lower Upper
266 100
264 61.7 49.4 74.0
268 61.4 52.1 78.1





#15
Phenanthrene
Concen: 2.813 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48

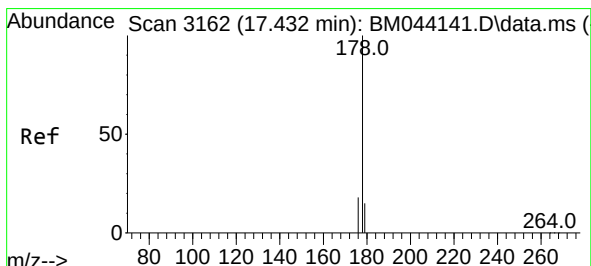
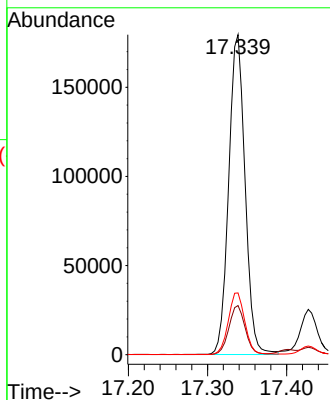
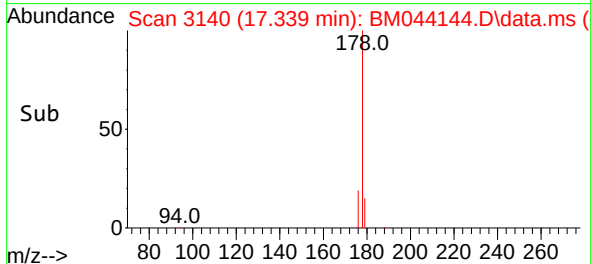
Instrument :
BNA_M
ClientSampleId :
C0FP6DL



Tgt Ion:178 Resp: 25679
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.3 16.0 24.0

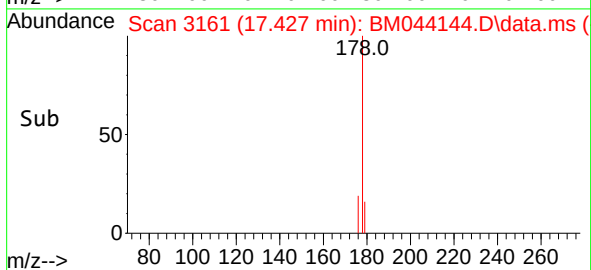
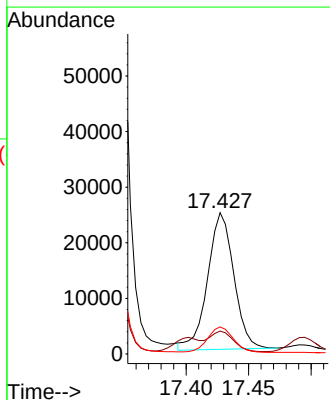
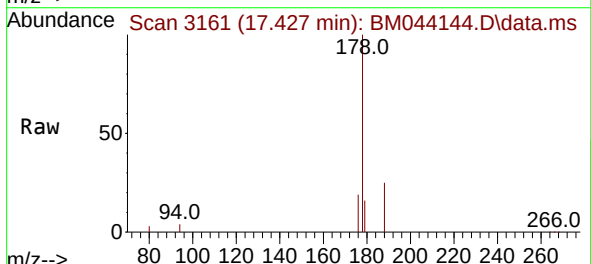
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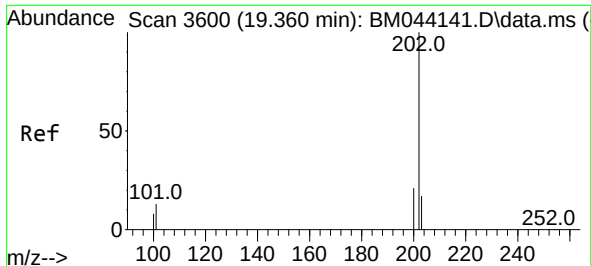
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#16
Anthracene
Concen: 0.398 ng/u1
RT: 17.427 min Scan# 3161
Delta R.T. -0.008 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48

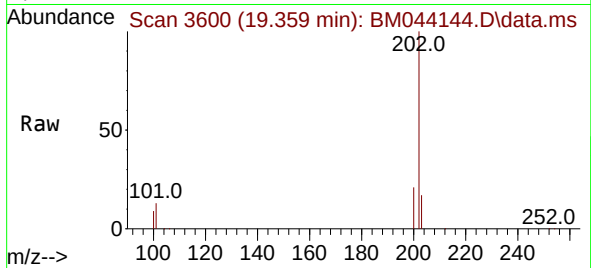
Tgt Ion:178 Resp: 35917
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 19.2 15.3 22.9





#19
Fluoranthene
Concen: 6.231 ng/u1
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48

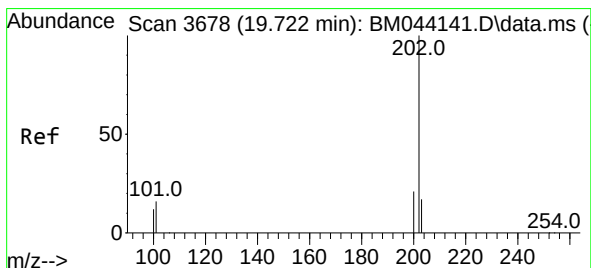
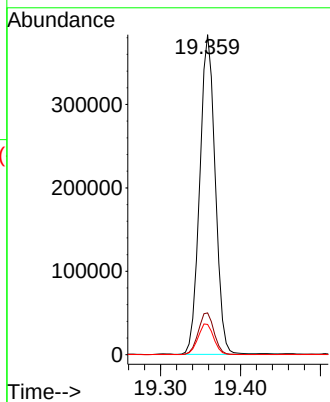
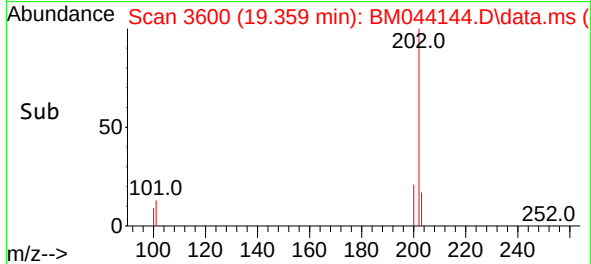
Instrument :
BNA_M
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C0FP6DL



Tgt Ion:202 Resp: 516714
Ion Ratio Lower Upper
202 100
101 13.1 9.8 14.6
100 9.4 7.0 10.4

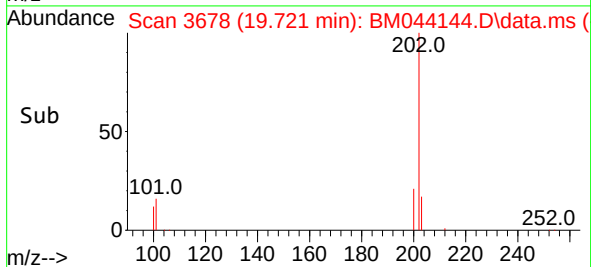
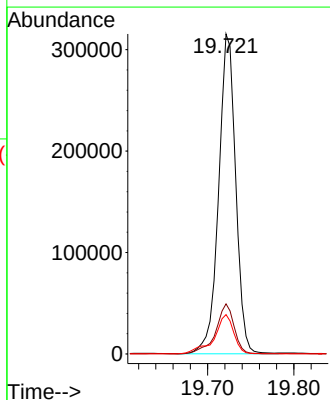
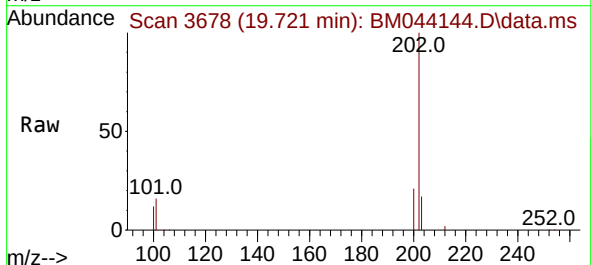
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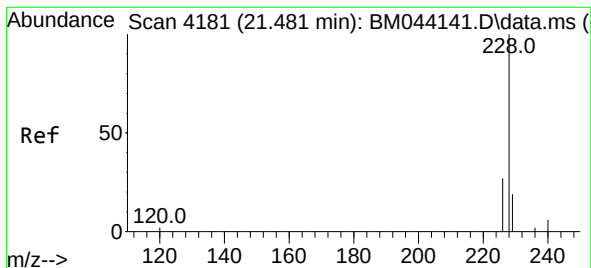
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#20
Pyrene
Concen: 4.980 ng/u1
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48

Tgt Ion:202 Resp: 434299
Ion Ratio Lower Upper
202 100
101 15.6 11.2 16.8
100 12.3 8.6 13.0





#21

Benzo(a)anthracene

Concen: 2.136 ng/ul

RT: 21.479 min Scan# 4180

Delta R.T. -0.006 min

Lab File: BM044144.D

Acq: 16 Feb 2024 18:48

Instrument :

BNA_M

ClientSampleId :

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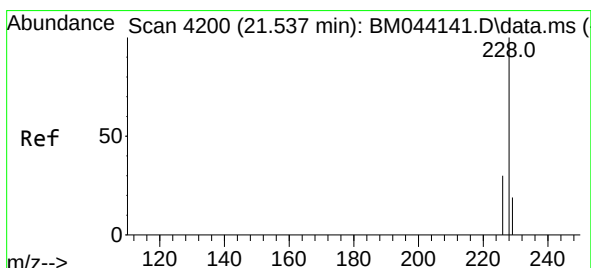
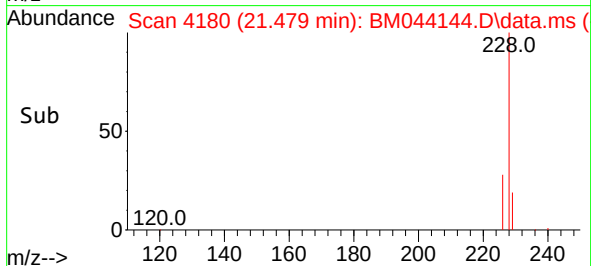
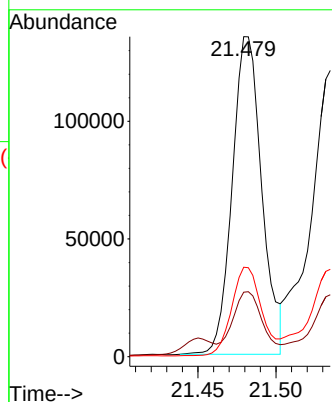
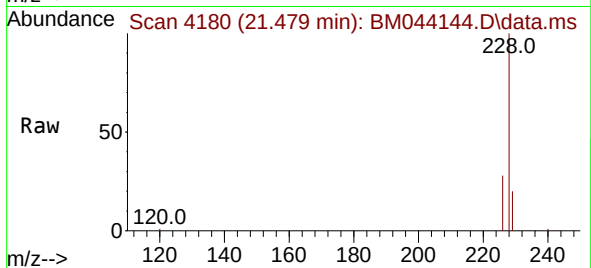
Tgt Ion:228 Resp: 177905
 Ion Ratio Lower Upper
 228 100
 229 20.2 15.4 23.2
 226 27.9 22.1 33.1

Manual Integrations

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Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/19/2024



#22

Chrysene

Concen: 1.968 ng/ul

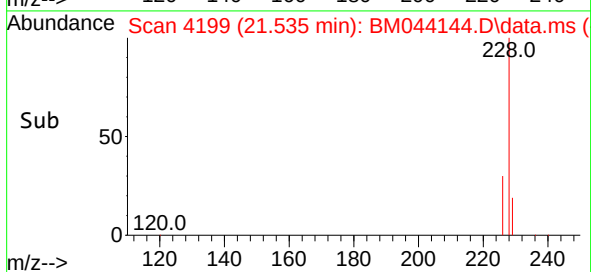
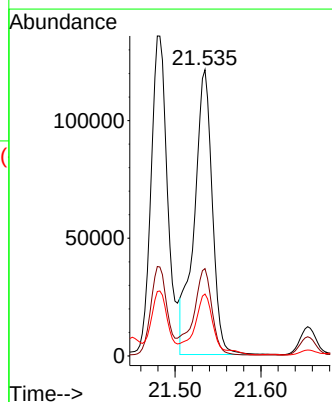
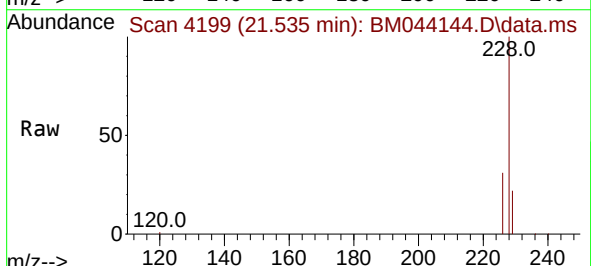
RT: 21.535 min Scan# 4199

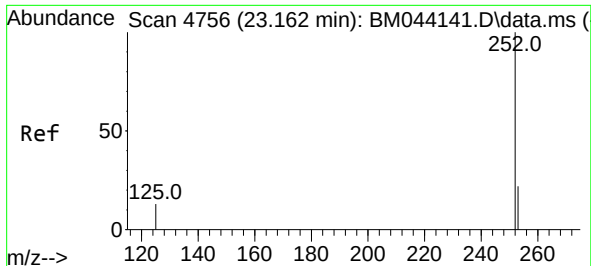
Delta R.T. -0.003 min

Lab File: BM044144.D

Acq: 16 Feb 2024 18:48

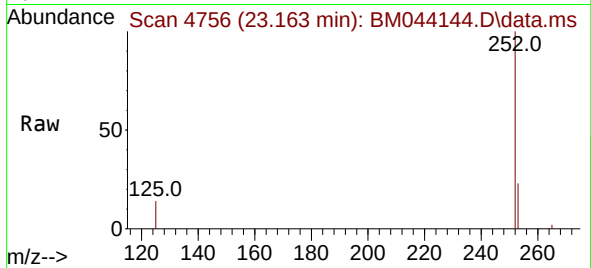
Tgt Ion:228 Resp: 176788
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.2 36.2
 229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.387 ng/ul
RT: 23.163 min Scan# 4756
Delta R.T. 0.000 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48

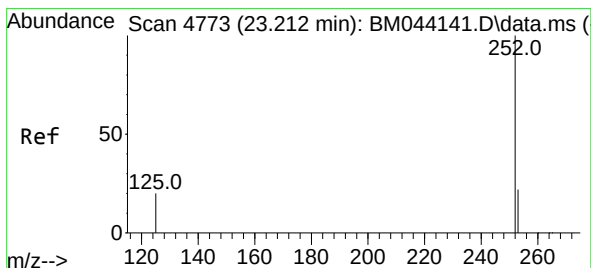
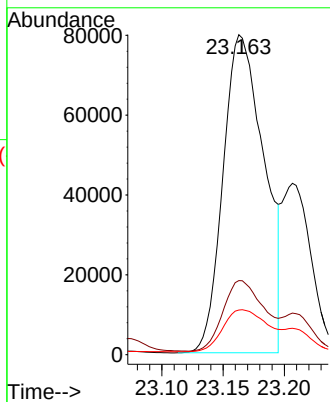
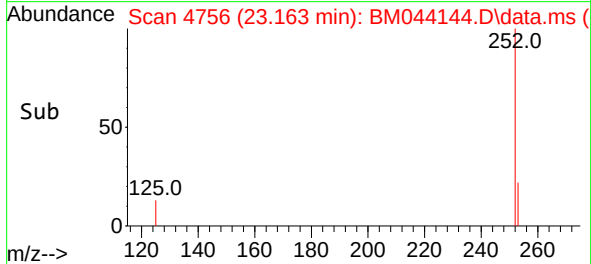
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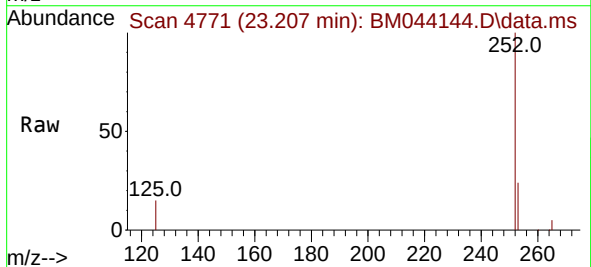
Tgt Ion:252 Resp: 186140
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.0
125 14.0 0.0 28.2

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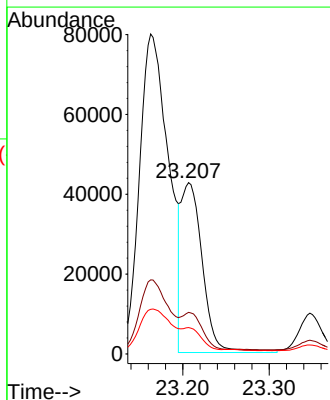
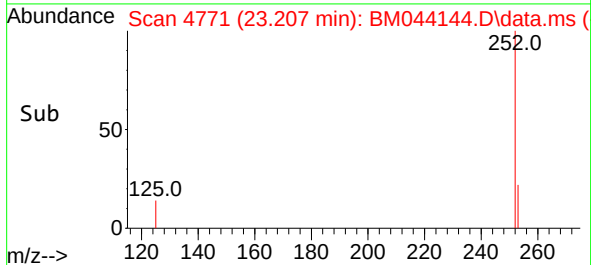
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

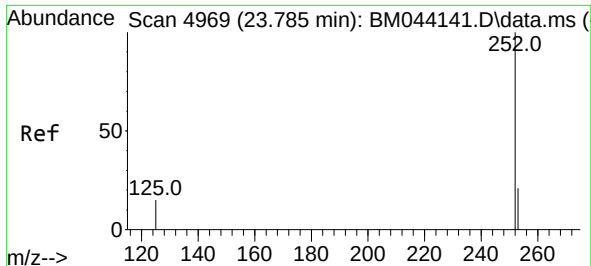


#25
Benzo(k)fluoranthene
Concen: 0.860 ng/ul m
RT: 23.207 min Scan# 4771
Delta R.T. -0.006 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48



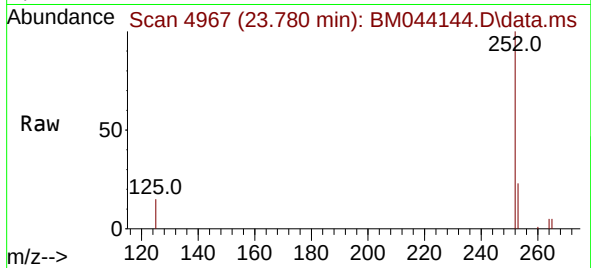
Tgt Ion:252 Resp: 72834
Ion Ratio Lower Upper
252 100
253 24.3 20.1 30.1
125 15.4 12.3 18.5





#26
Benzo(a)pyrene
Concen: 1.551 ng/ul
RT: 23.780 min Scan# 4969
Delta R.T. -0.006 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48

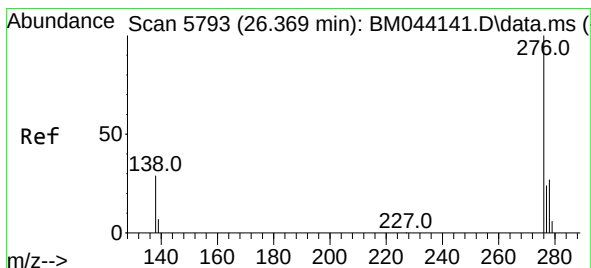
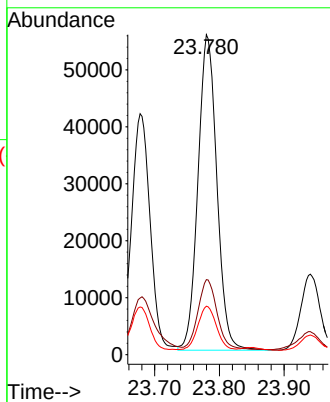
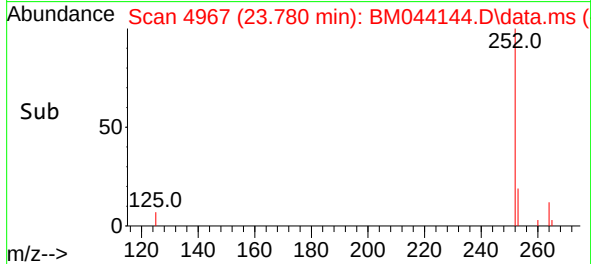
Instrument :
BNA_M
ClientSampleId :
C0FP6DL



Tgt Ion:252 Resp: 11240
Ion Ratio Lower Upper
252 100
253 23.5 21.4 32.2
125 15.1 13.3 19.9

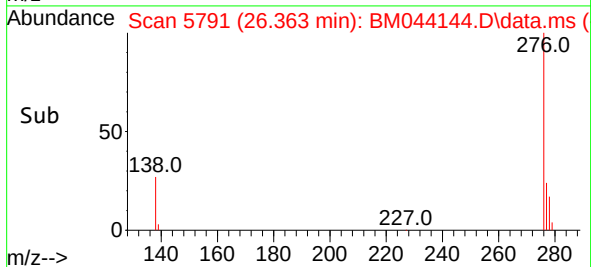
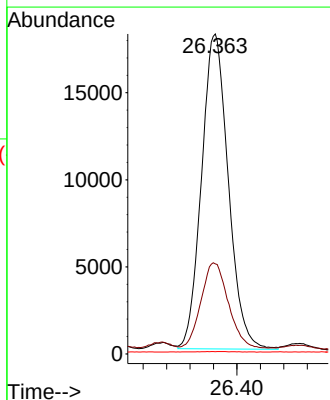
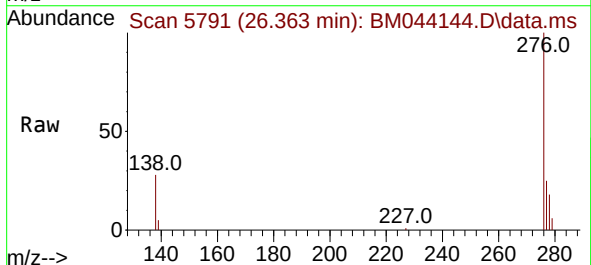
Manual Integrations
APPROVED

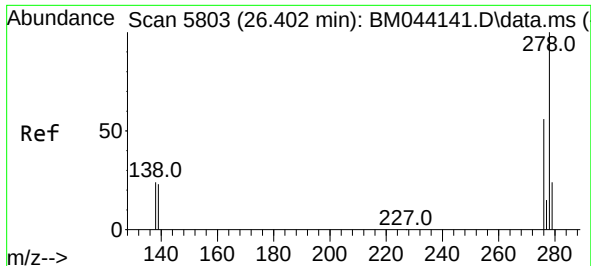
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.622 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. -0.007 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48

Tgt Ion:276 Resp: 57394
Ion Ratio Lower Upper
276 100
138 27.8 25.2 37.8
227 0.1 0.1 0.1#





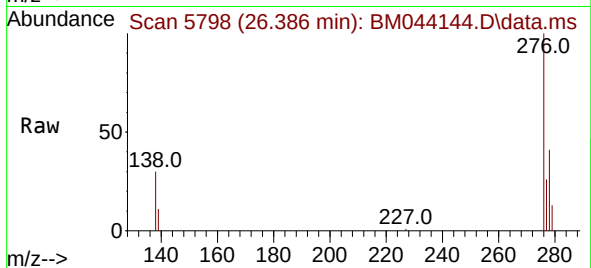
#28
Dibenzo(a,h)anthracene
Concen: 0.201 ng/ul
RT: 26.386 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48

Instrument :

BNA_M

ClientSampleId :

C0FP6DL



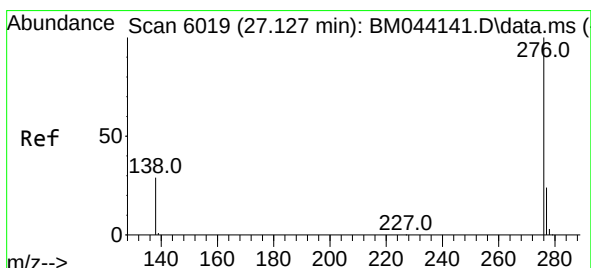
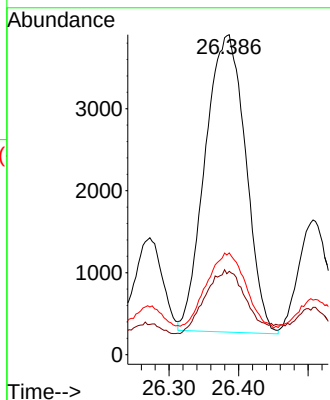
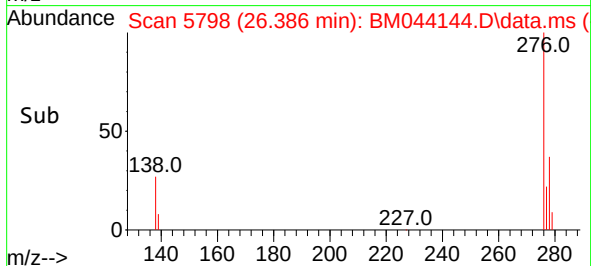
Tgt Ion:278 Resp: 14620
Ion Ratio Lower Upper
278 100
139 26.1 17.8 26.8
279 31.8 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.646 ng/ul
RT: 27.121 min Scan# 6017
Delta R.T. -0.007 min
Lab File: BM044144.D
Acq: 16 Feb 2024 18:48

Tgt Ion:276 Resp: 52741
Ion Ratio Lower Upper
276 100
138 29.5 22.7 34.1
277 24.0 19.0 28.6

