

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044116.D
 Acq On : 16 Feb 2024 00:37
 Operator : MA/JU
 Sample : P1329-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FR5

Manual Integrations
 APPROVED

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

Quant Time: Feb 17 02:46:22 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	7.905	152	8354	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	28557	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.543	164	15796	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	32175m	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	18453m	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264	17675m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	45827	3.874	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	11412	0.285	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	23338m	0.424	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.754	128	6001	0.071	ng/ul#	89
7) 2-Methylnaphthalene	12.365	142	8297	0.158	ng/ul	96
8) 1-Methylnaphthalene	12.585	142	4635	0.088	ng/ul	86
11) Acenaphthene	14.608	153	2871	0.046	ng/ul	97
12) Fluorene	15.598	166	1973	0.028	ng/ul#	81
14) Pentachlorophenol	16.942	266	502	0.044	ng/ul	97
15) Phenanthrene	17.339	178	49700	0.487	ng/ul	99
16) Anthracene	17.432	178	8567m	0.085	ng/ul	
19) Fluoranthene	19.359	202	229743m	2.731	ng/ul	
20) Pyrene	19.726	202	214691	2.427	ng/ul	97
21) Benzo(a)anthracene	21.479	228	105942m	1.254	ng/ul	
22) Chrysene	21.532	228	120956m	1.328	ng/ul	
24) Benzo(b)fluoranthene	23.165	252	167367m	2.295	ng/ul	
25) Benzo(k)fluoranthene	23.206	252	61786m	0.780	ng/ul	
26) Benzo(a)pyrene	23.782	252	93588m	1.380	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.363	276	71295m	0.826	ng/ul	
28) Dibenzo(a,h)anthracene	26.379	278	17412m	0.256	ng/ul	
29) Benzo(g,h,i)perylene	27.124	276	68548m	0.898	ng/ul	

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

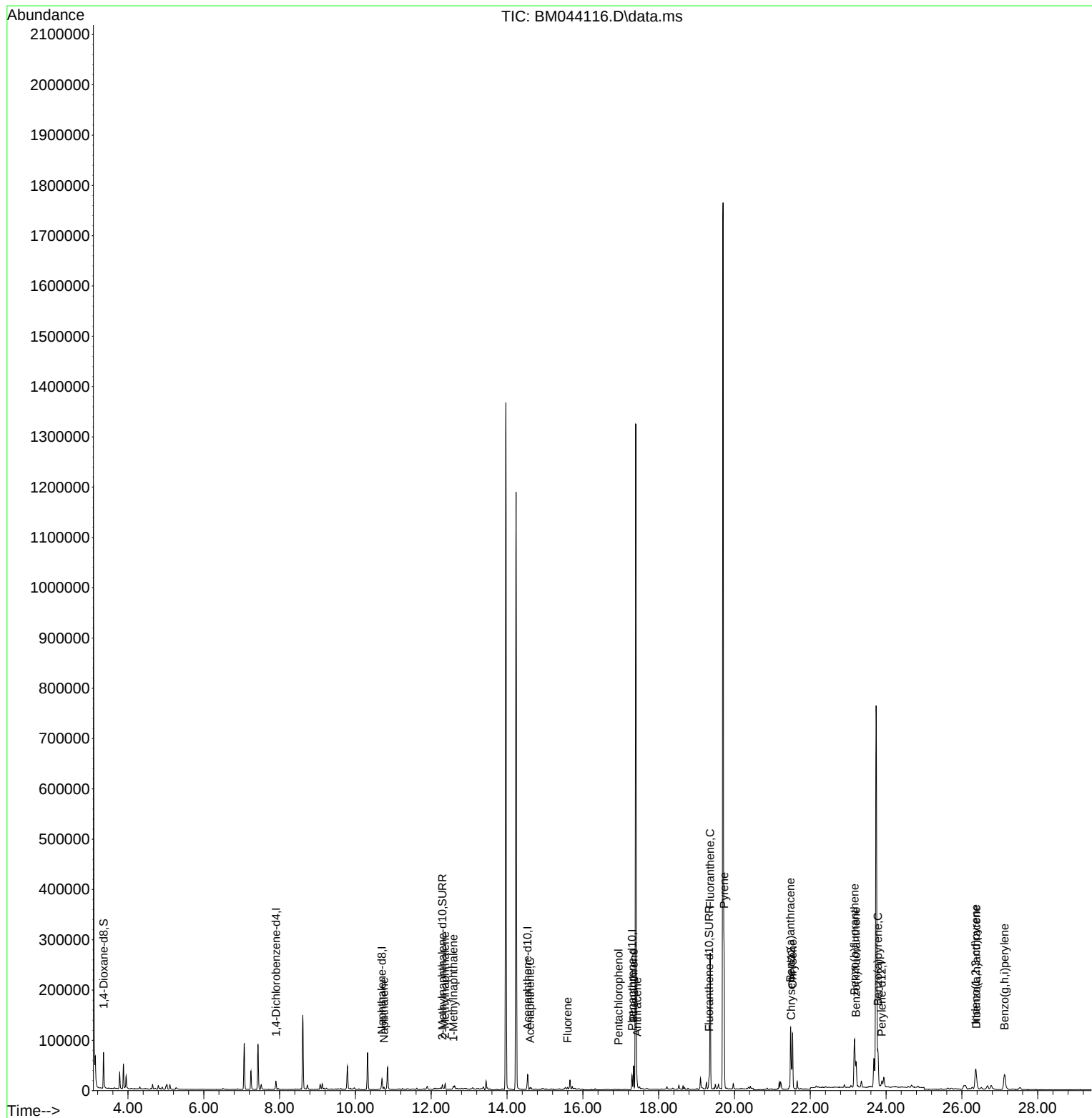
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
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ALS Vial : 26 Sample Multiplier: 1

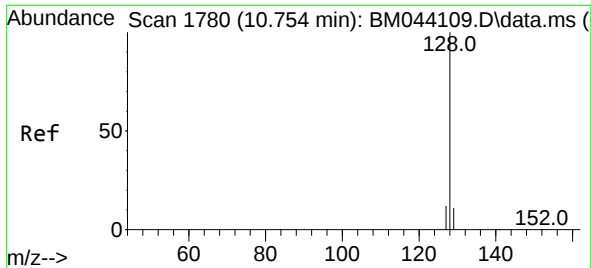
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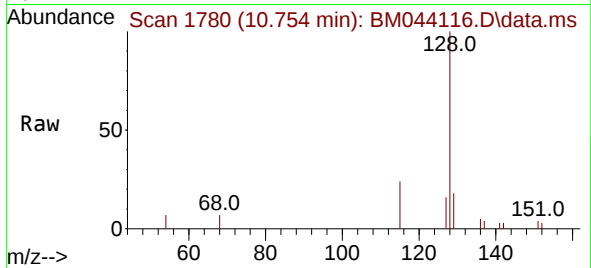
Quant Time: Feb 17 02:46:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.754 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37

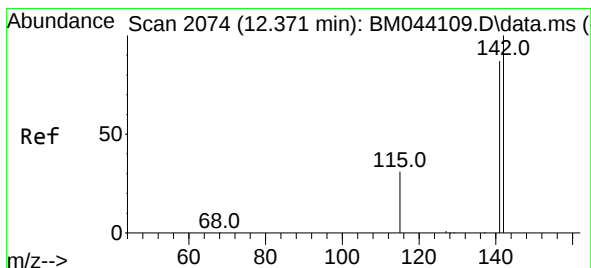
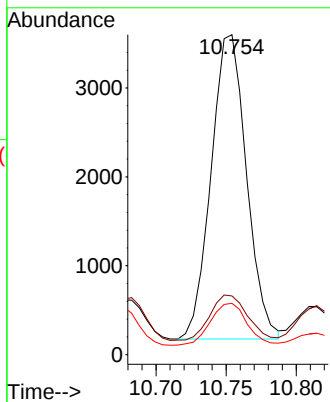
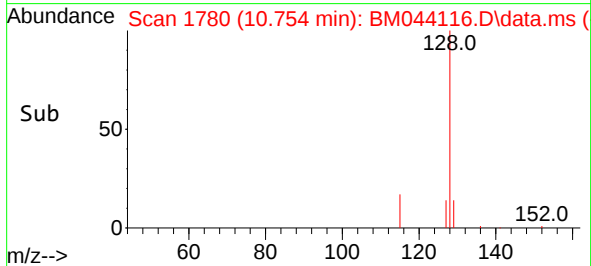
Instrument :
BNA_M
ClientSampleId :
C0FR5



Tgt Ion:128 Resp: 600
Ion Ratio Lower Upper
128 100
129 18.4 9.5 14.3
127 16.1 10.7 16.1

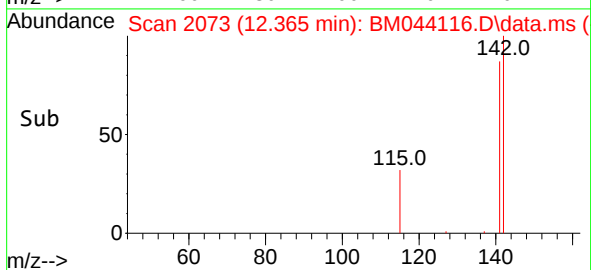
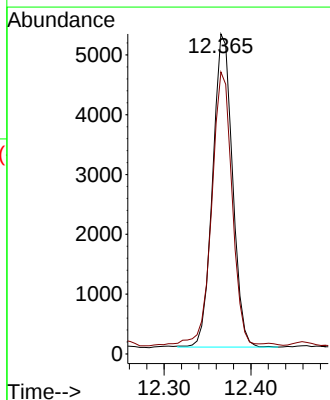
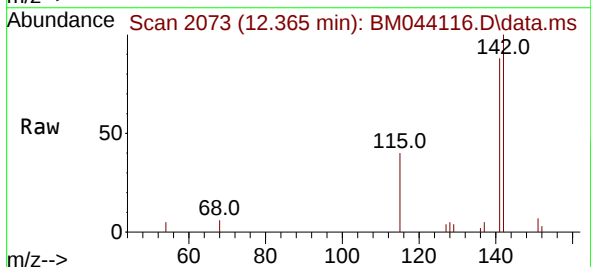
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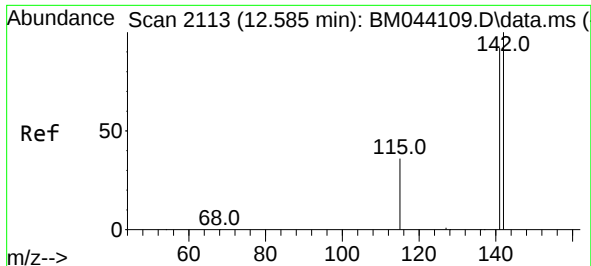
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#7
2-Methylnaphthalene
Concen: 0.158 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37

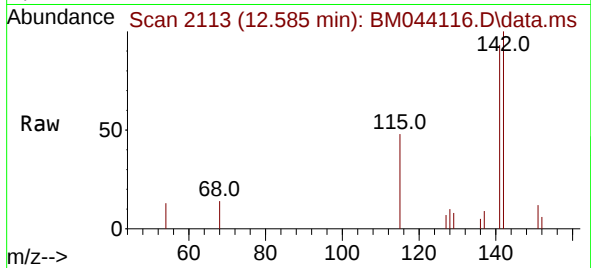
Tgt Ion:142 Resp: 8297
Ion Ratio Lower Upper
142 100
141 91.1 70.0 105.0





#8
1-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37

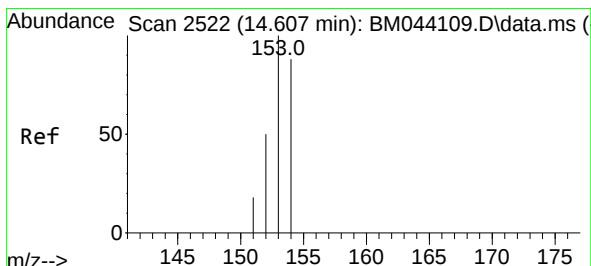
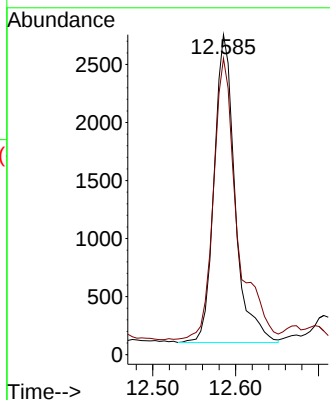
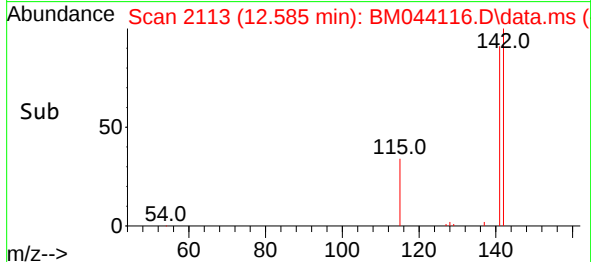
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 4639
Ion Ratio Lower Upper
142 100
141 103.9 72.5 108.7

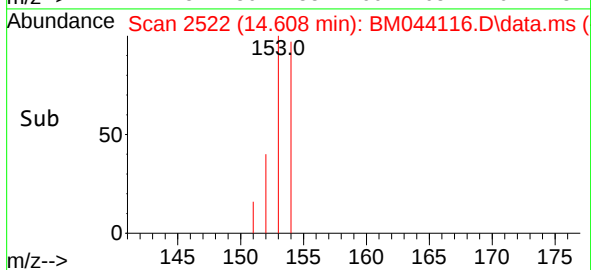
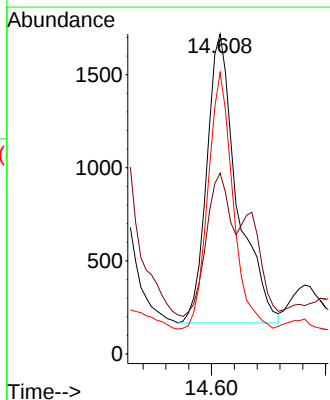
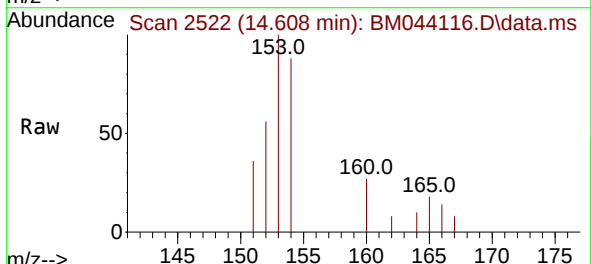
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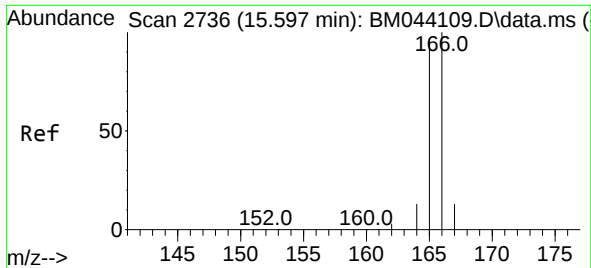
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#11
Acenaphthene
Concen: 0.046 ng/ul
RT: 14.608 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37

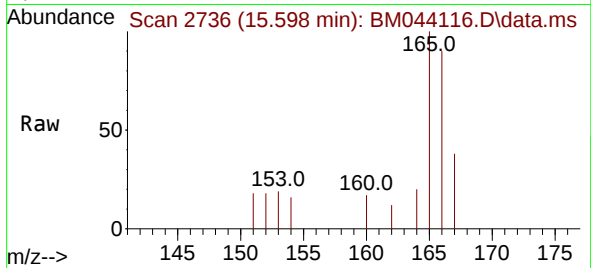
Tgt Ion:153 Resp: 2871
Ion Ratio Lower Upper
153 100
152 56.5 40.6 61.0
154 88.0 70.1 105.1





#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.598 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37

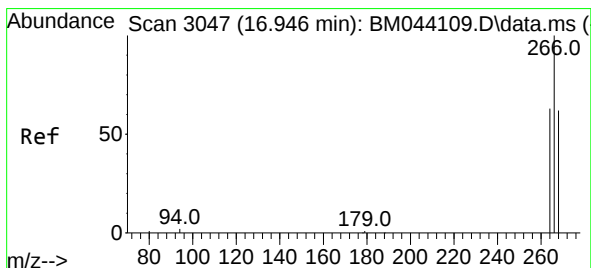
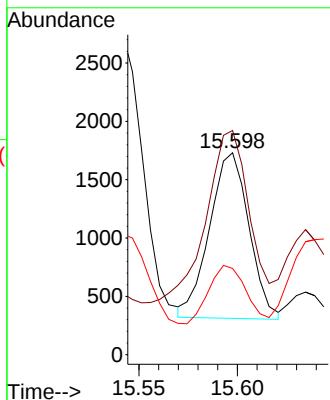
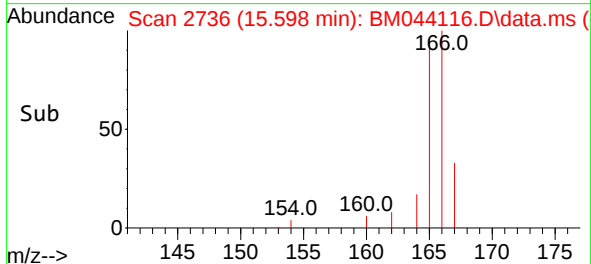
Instrument :
BNA_M
ClientSampleId :
C0FR5



Tgt Ion:166 Resp: 197
Ion Ratio Lower Upper
166 100
165 111.0 79.8 119.6
167 42.7 11.1 16.7

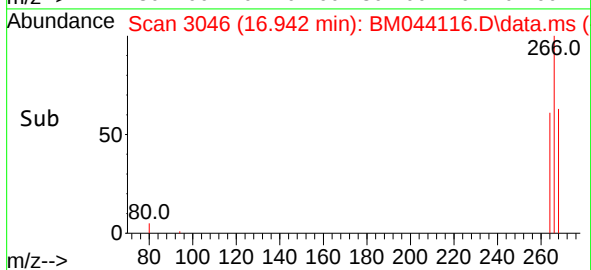
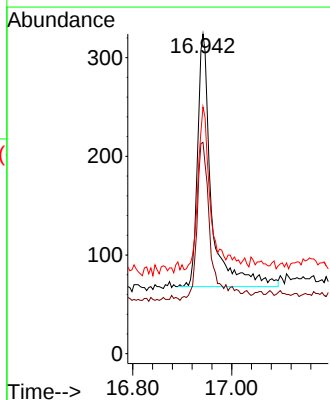
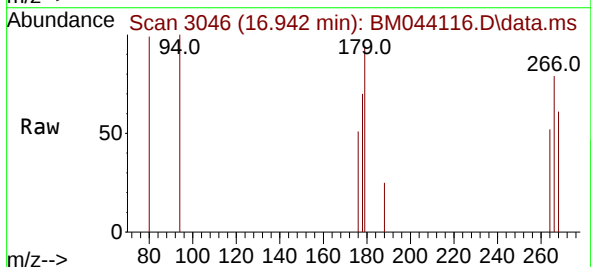
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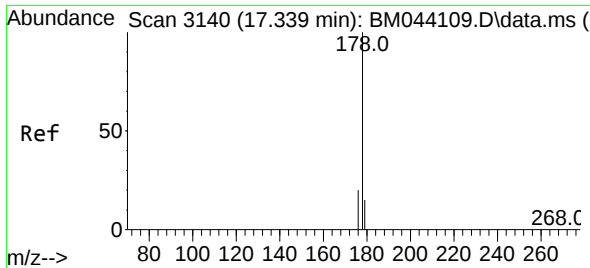
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#14
Pentachlorophenol
Concen: 0.044 ng/ul
RT: 16.942 min Scan# 3046
Delta R.T. -0.004 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37

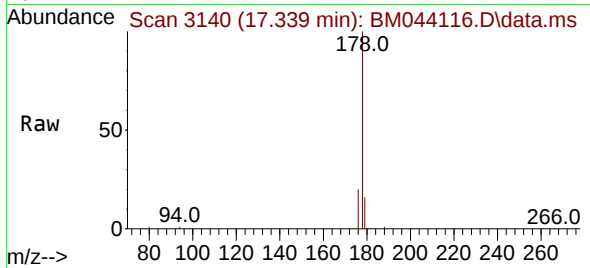
Tgt Ion:266 Resp: 502
Ion Ratio Lower Upper
266 100
264 60.4 49.4 74.0
268 61.8 52.1 78.1





#15
Phenanthrene
Concen: 0.487 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37

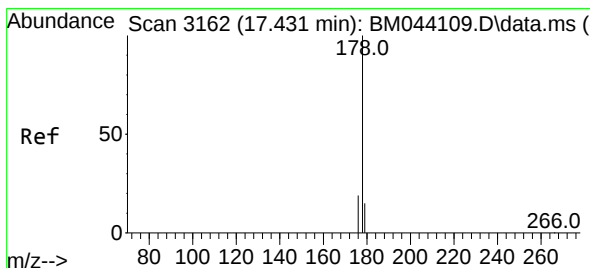
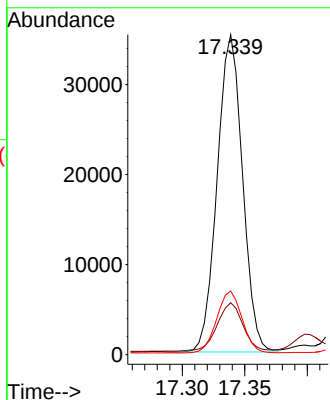
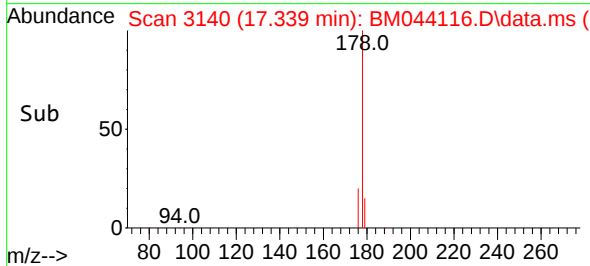
Instrument :
BNA_M
ClientSampleId :
C0FR5



Tgt Ion:178 Resp: 49700
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 19.9 16.0 24.0

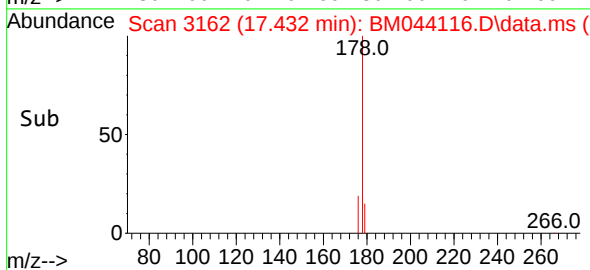
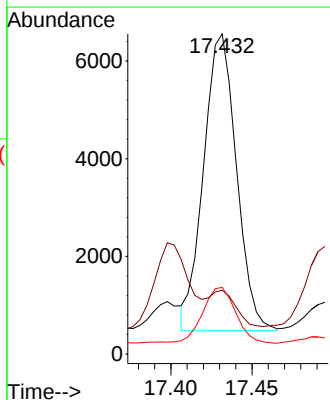
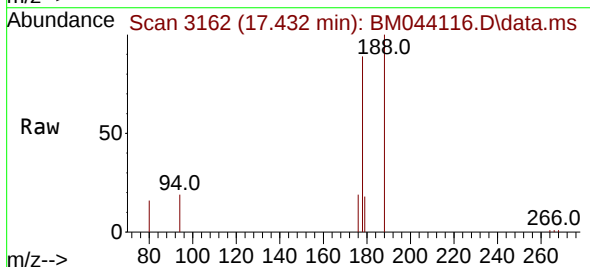
Manual Integrations
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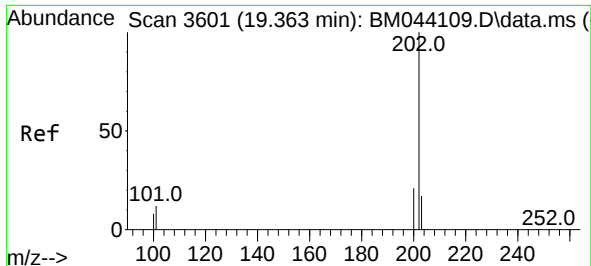
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#16
Anthracene
Concen: 0.085 ng/ul m
RT: 17.432 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37

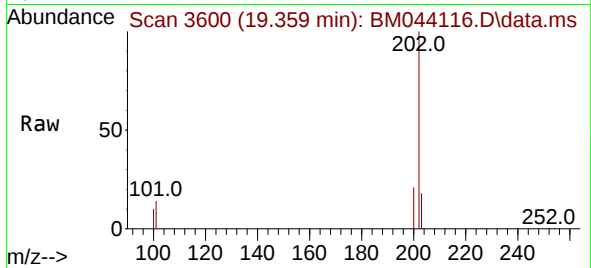
Tgt Ion:178 Resp: 8567
Ion Ratio Lower Upper
178 100
179 19.9 12.8 19.2#
176 20.8 15.3 22.9





#19
Fluoranthene
Concen: 2.731 ng/ul m
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37

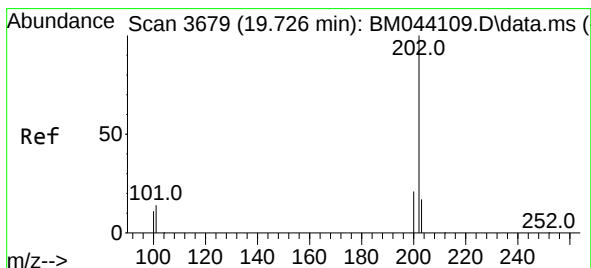
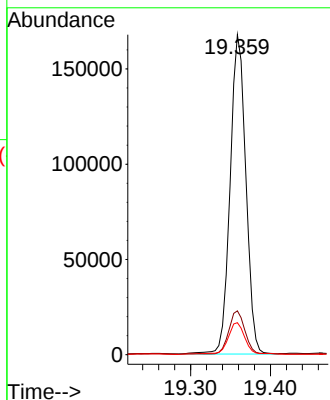
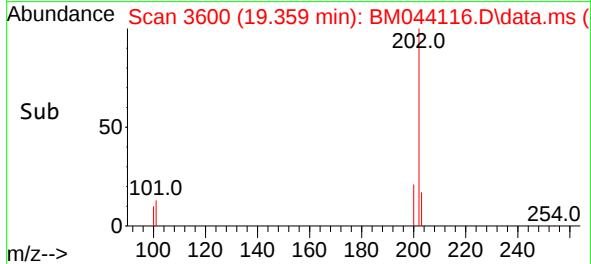
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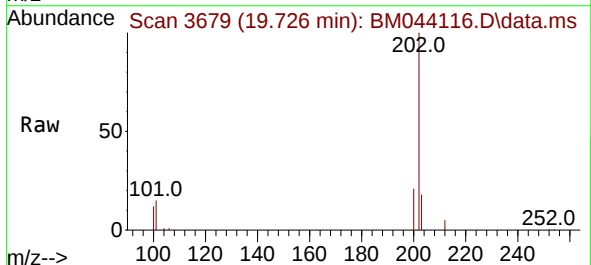
Tgt Ion:202 Resp: 22974
Ion Ratio Lower Upper
202 100
101 13.7 9.8 14.6
100 10.0 7.0 10.4

Manual Integrations
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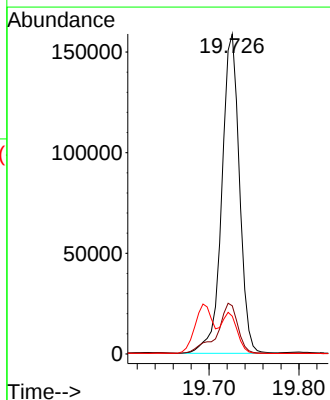
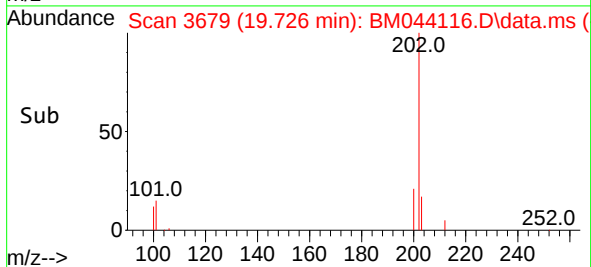
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Supervised By :mohammad ahmed 02/19/2024

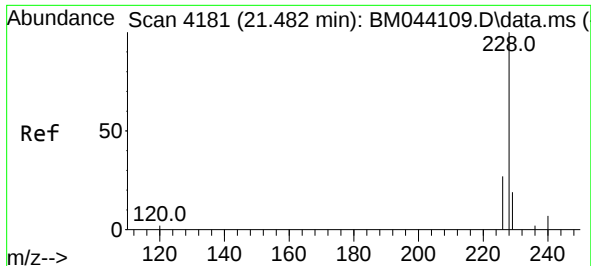


#20
Pyrene
Concen: 2.427 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37



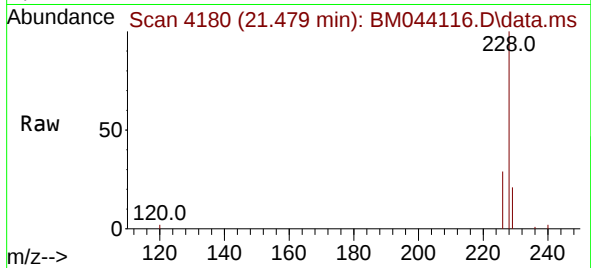
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Ion Ratio Lower Upper
202 100
101 15.1 11.2 16.8
100 11.8 8.6 13.0





#21
Benzo(a)anthracene
Concen: 1.254 ng/ul m
RT: 21.479 min Scan# 4181
Delta R.T. -0.006 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37

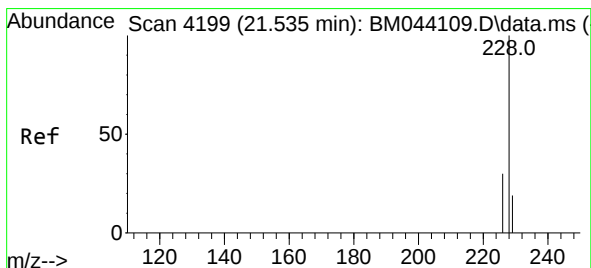
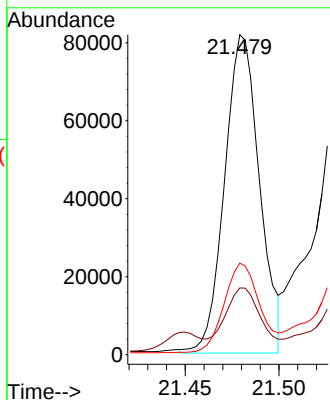
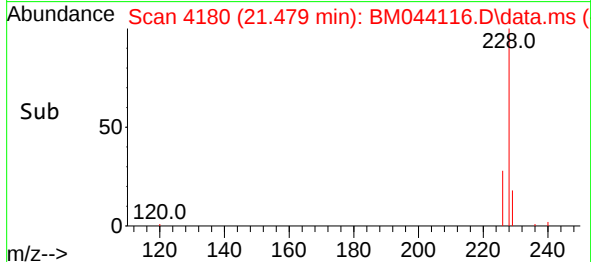
Instrument :
BNA_M
ClientSampleId :
C0FR5



Tgt Ion:228 Resp: 10594
Ion Ratio Lower Upper
228 100
229 20.8 15.4 23.2
226 28.6 22.1 33.1

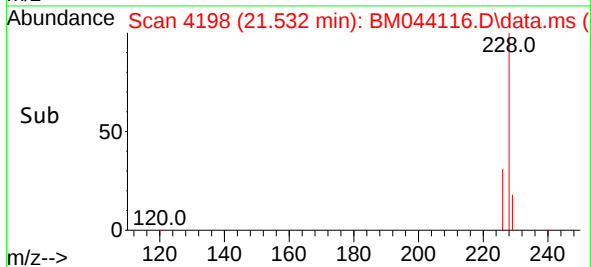
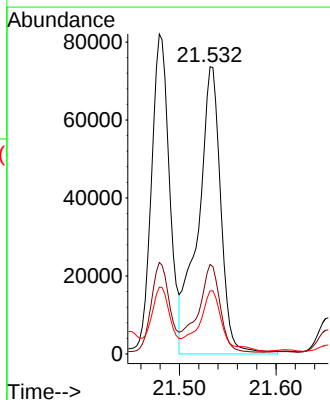
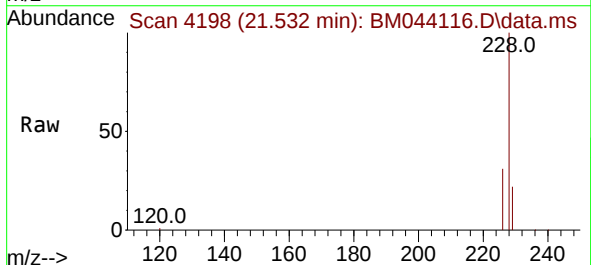
Manual Integrations
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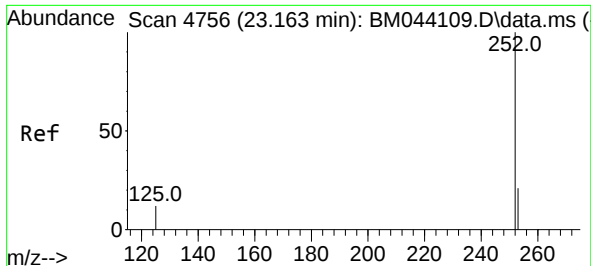
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#22
Chrysene
Concen: 1.328 ng/ul m
RT: 21.532 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37

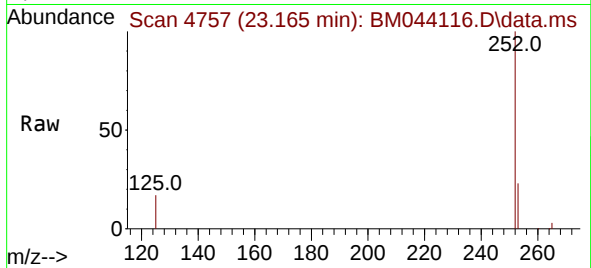
Tgt Ion:228 Resp: 120956
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.2
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.295 ng/ul m
RT: 23.165 min Scan# 4756
Delta R.T. 0.003 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37

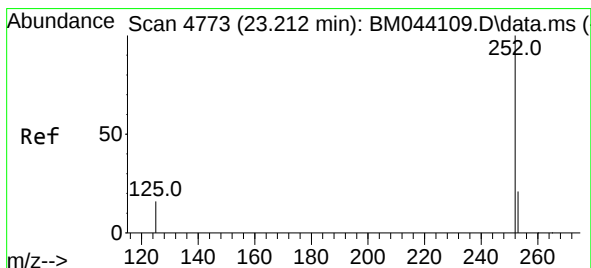
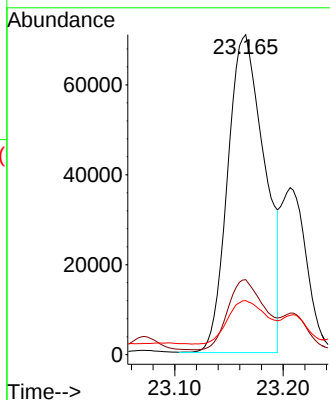
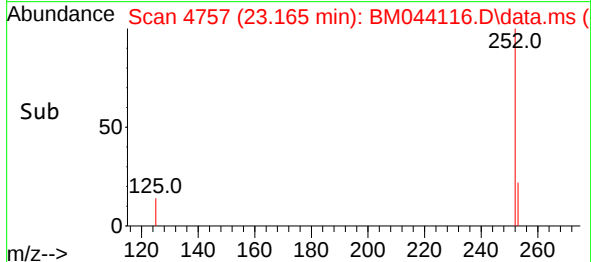
Instrument :
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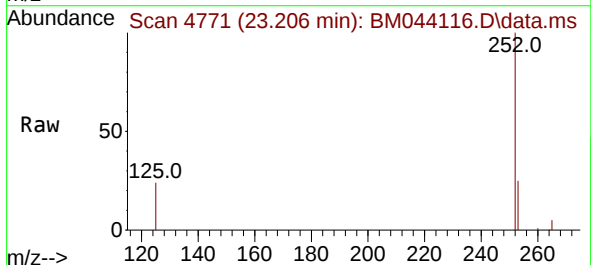
Tgt Ion:252 Resp: 16736
Ion Ratio Lower Upper
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253 23.5 0.0 50.0
125 16.9 0.0 28.2

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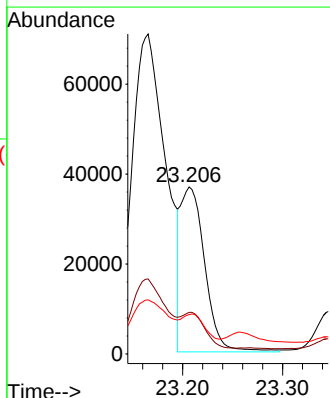
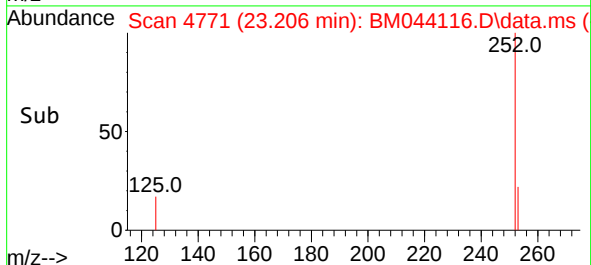
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

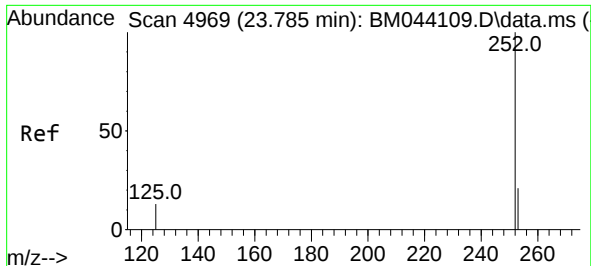


#25
Benzo(k)fluoranthene
Concen: 0.780 ng/ul m
RT: 23.206 min Scan# 4771
Delta R.T. -0.006 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37



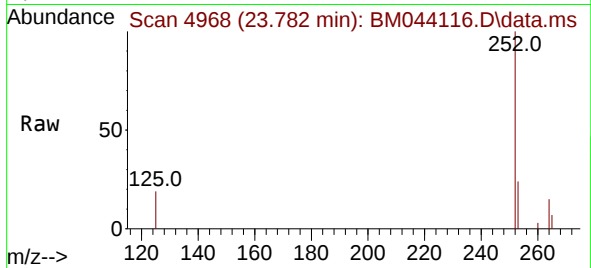
Tgt Ion:252 Resp: 61786
Ion Ratio Lower Upper
252 100
253 24.9 20.1 30.1
125 23.6 12.3 18.5#





#26
Benzo(a)pyrene
Concen: 1.380 ng/ul m
RT: 23.782 min Scan# 4968
Delta R.T. -0.003 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37

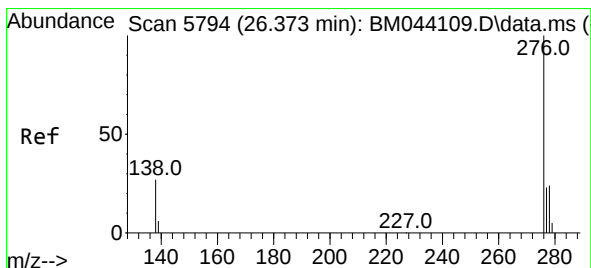
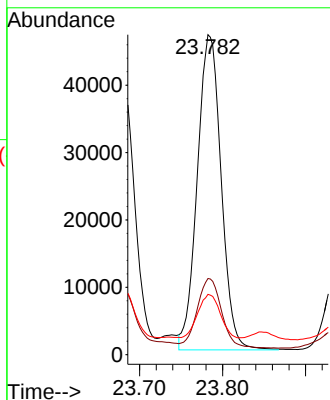
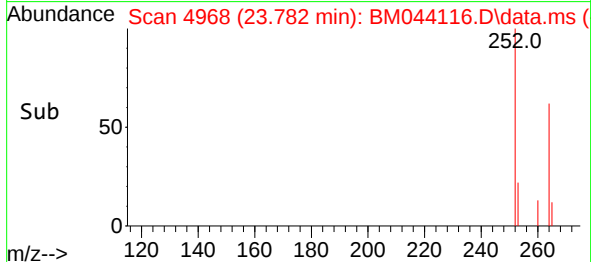
Instrument :
BNA_M
ClientSampleId :
C0FR5



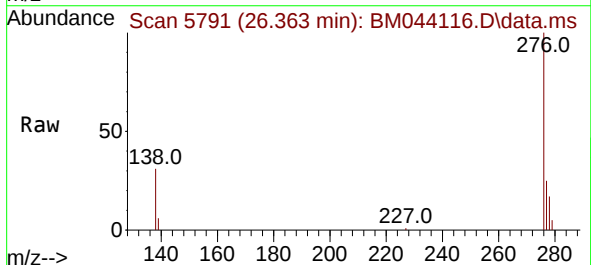
Tgt Ion:252 Resp: 9358
Ion Ratio Lower Upper
252 100
253 23.8 21.4 32.2
125 18.9 13.3 19.9

Manual Integrations
APPROVED

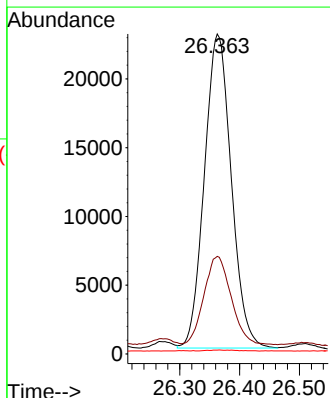
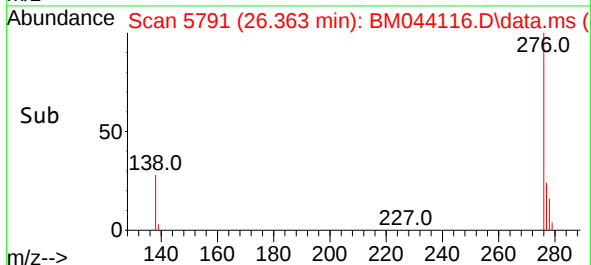
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

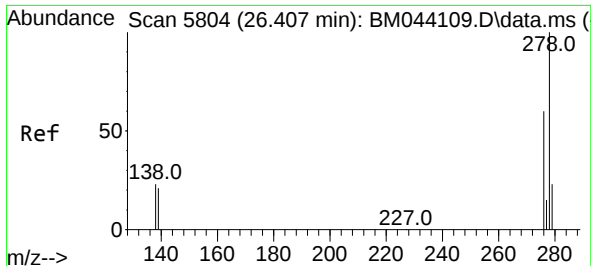


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.826 ng/ul m
RT: 26.363 min Scan# 5791
Delta R.T. -0.007 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37



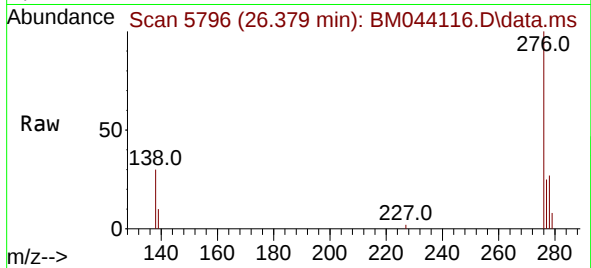
Tgt Ion:276 Resp: 71295
Ion Ratio Lower Upper
276 100
138 3.9 25.2 37.8#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.256 ng/ul m
RT: 26.379 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37

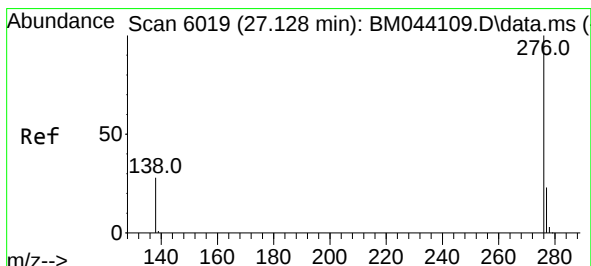
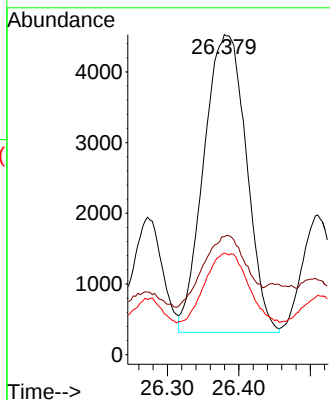
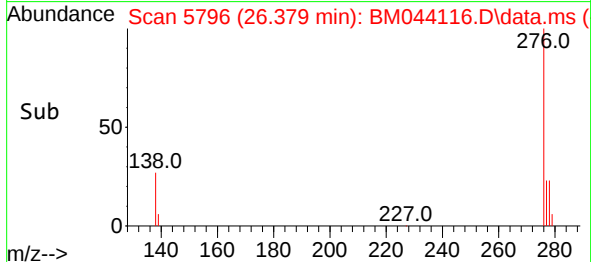
Instrument :
BNA_M
ClientSampleId :
C0FR5



Tgt Ion:278 Resp: 1741
Ion Ratio Lower Upper
278 100
139 36.8 17.8 26.8
279 31.7 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: 0.898 ng/ul m
RT: 27.124 min Scan# 6018
Delta R.T. -0.004 min
Lab File: BM044116.D
Acq: 16 Feb 2024 00:37

Tgt Ion:276 Resp: 68548
Ion Ratio Lower Upper
276 100
138 30.7 22.7 34.1
277 24.1 19.0 28.6

