

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042111.D
 Acq On : 28 Sep 2023 13:00
 Operator : MA/JU
 Sample : 04417-36
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EYZX1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 28 16:00:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	2806	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.752	136	7659	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.587	164	4198	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.337	188	9177	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.510	240	6257	0.400	ng/ul	-0.01
23) Perylene-d12	23.912	264	6838	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	8029	2.100	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	2739	0.286	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	4936	0.192	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.801	128	17697	0.690	ng/ul	98
7) 2-Methylnaphthalene	12.407	142	60526	3.957	ng/ul	100
8) 1-Methylnaphthalene	12.627	142	35370	2.278	ng/ul	99
10) Acenaphthylene	14.305	152	6959	0.247	ng/ul#	21
11) Acenaphthene	14.657	153	7338	0.340	ng/ul#	54
12) Fluorene	15.651	166	3304	0.136	ng/ul#	1
15) Phenanthrene	17.379	178	108521	2.550	ng/ul	99
16) Anthracene	17.472	178	4693	0.128	ng/ul#	71
19) Fluoranthene	19.390	202	50060	0.708	ng/ul	99
20) Pyrene	19.757	202	47820	0.688	ng/ul	98
21) Benzo(a)anthracene	21.495	228	24269	0.512	ng/ul	98
22) Chrysene	21.548	228	29208	0.596	ng/ul	98
24) Benzo(b)fluoranthene	23.173	252	49892	0.948	ng/ul	95
25) Benzo(k)fluoranthene	23.216	252	18174m	0.355	ng/ul	
26) Benzo(a)pyrene	23.804	252	24437	0.565	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.391	276	35304	0.594	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.401	278	8146	0.190	ng/ul#	89
29) Benzo(g,h,i)perylene	27.169	276	33551	0.671	ng/ul	96

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

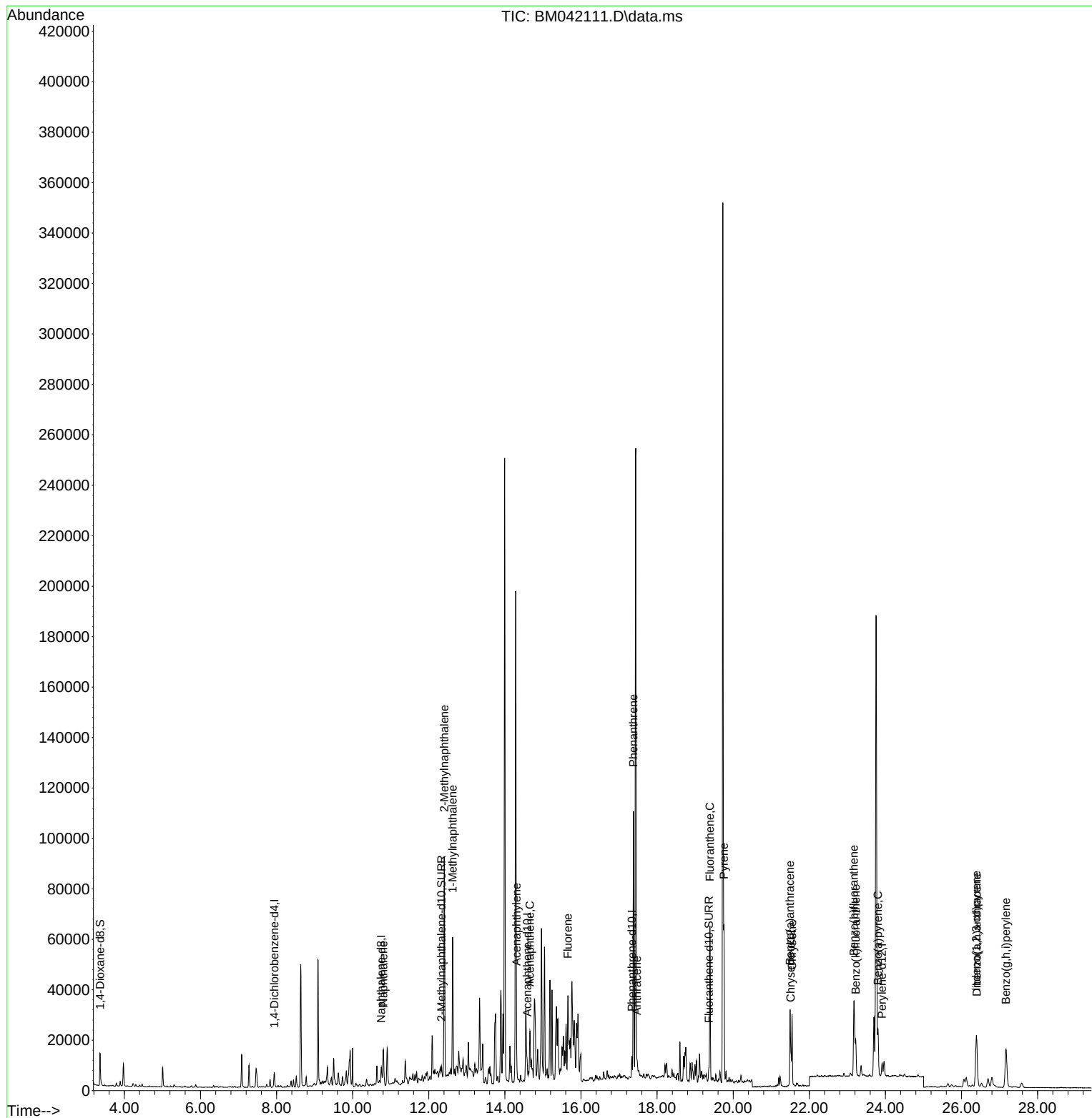
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042111.D
Acq On : 28 Sep 2023 13:00
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Sample : 04417-36
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ALS Vial : 9 Sample Multiplier: 1

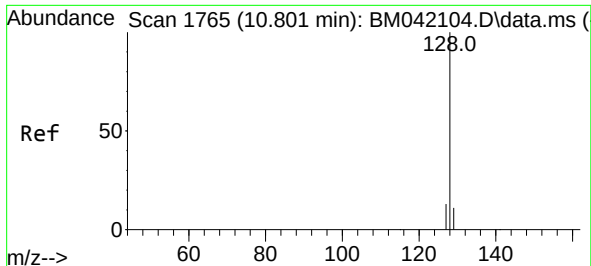
Instrument :
BNA_M
ClientSampleId :
EZYX1

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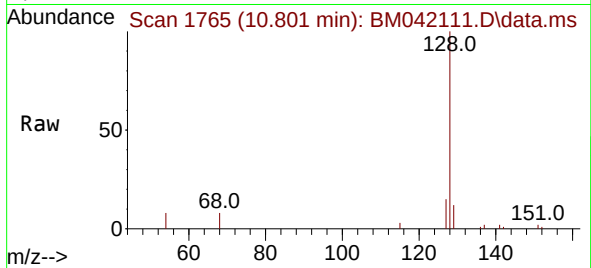
Quant Time: Sep 28 16:00:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.690 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.016 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00

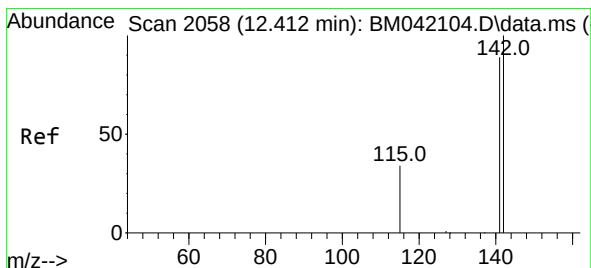
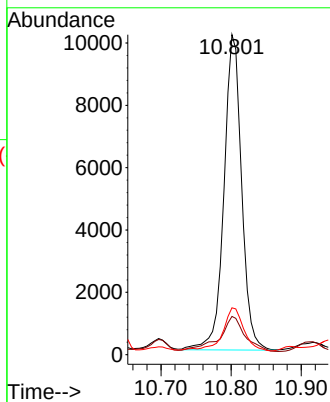
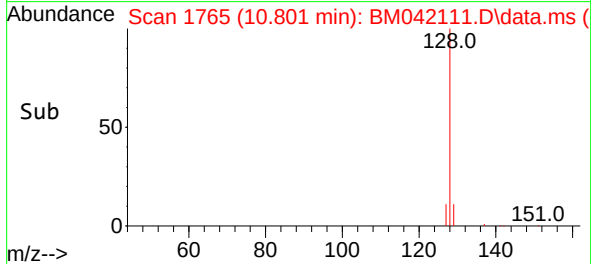
Instrument :
BNA_M
ClientSampleId :
EZYX1



Tgt Ion:128 Resp: 1769
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 14.7 10.8 16.2

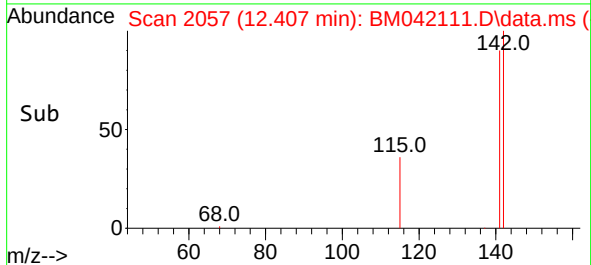
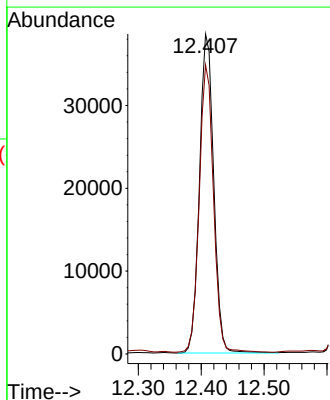
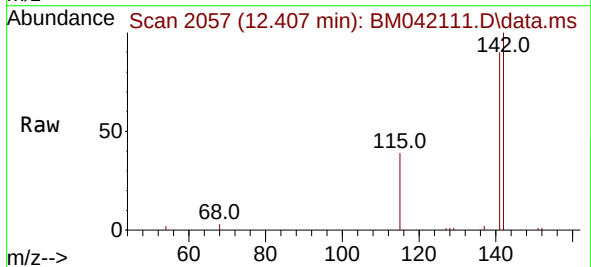
Manual Integrations
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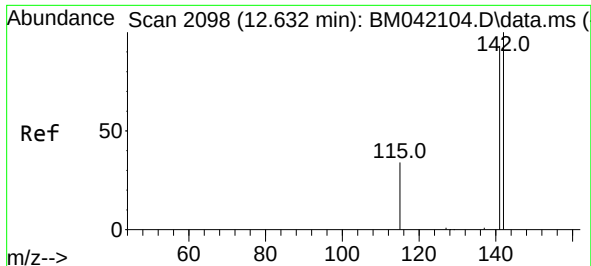
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#7
2-Methylnaphthalene
Concen: 3.957 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.016 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00

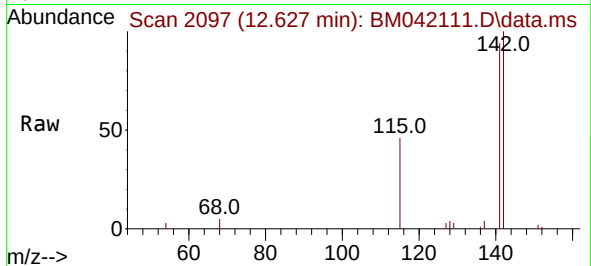
Tgt Ion:142 Resp: 60526
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1





#8
1-Methylnaphthalene
Concen: 2.278 ng/ul
RT: 12.627 min Scan# 2098
Delta R.T. -0.016 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00

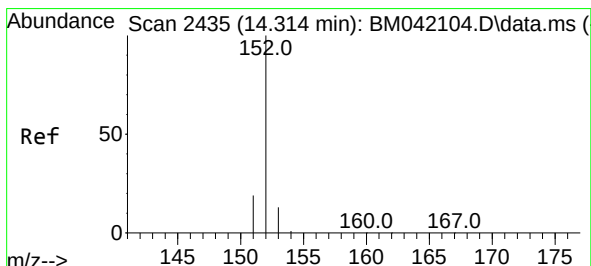
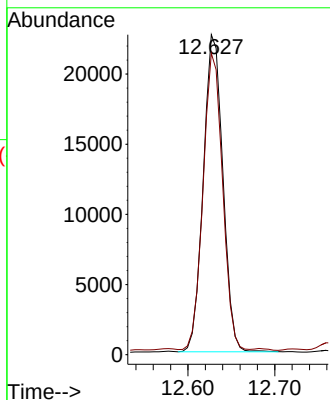
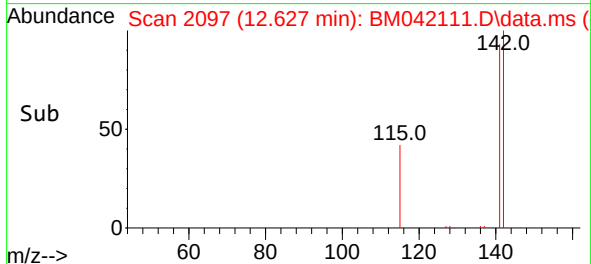
Instrument :
BNA_M
ClientSampleId :
EZYX1



Tgt Ion:142 Resp: 35370
Ion Ratio Lower Upper
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141 92.5 75.1 112.7

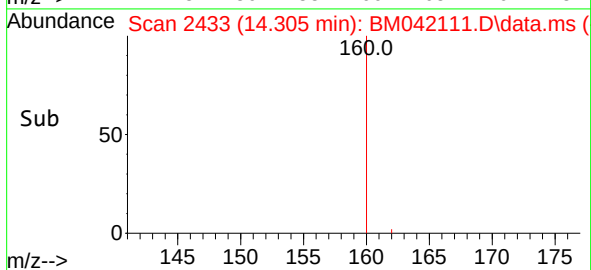
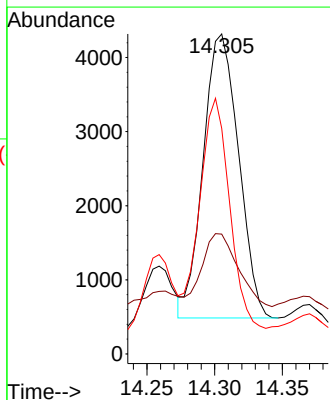
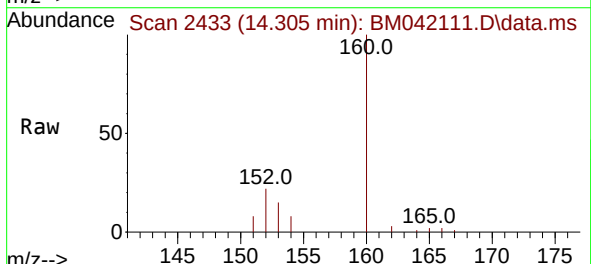
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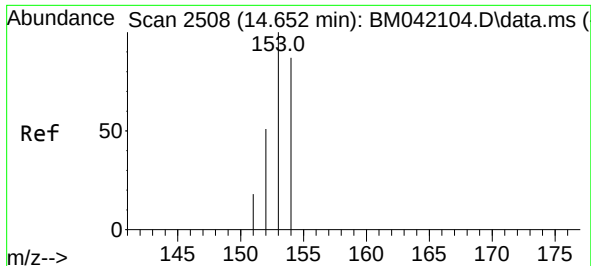
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#10
Acenaphthylene
Concen: 0.247 ng/ul
RT: 14.305 min Scan# 2433
Delta R.T. -0.023 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00

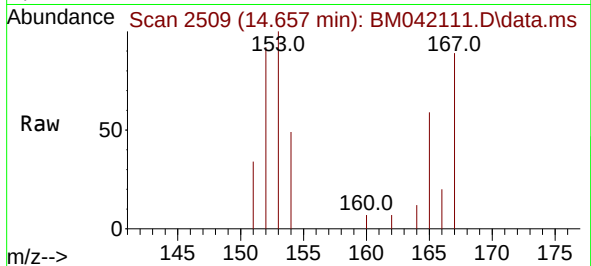
Tgt Ion:152 Resp: 6959
Ion Ratio Lower Upper
152 100
151 37.4 16.2 24.4#
153 70.5 10.8 16.2#





#11
Acenaphthene
Concen: 0.340 ng/u1
RT: 14.657 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00

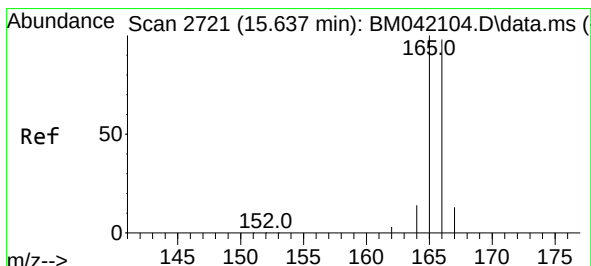
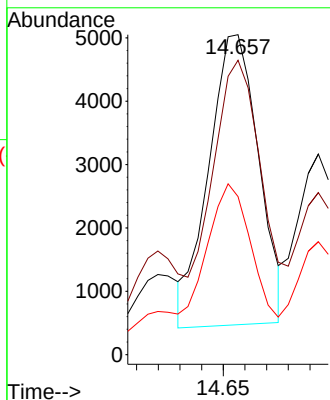
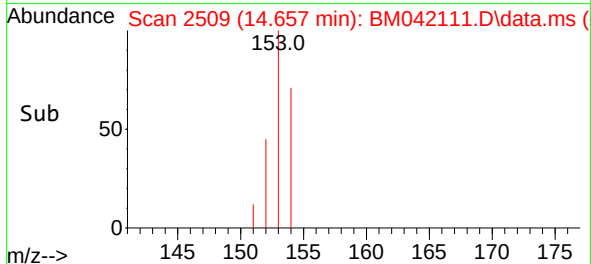
Instrument :
BNA_M
ClientSampleId :
EZYX1



Tgt Ion:153 Resp: 7338
Ion Ratio Lower Upper
153 100
152 92.0 41.8 62.8#
154 49.4 69.0 103.6#

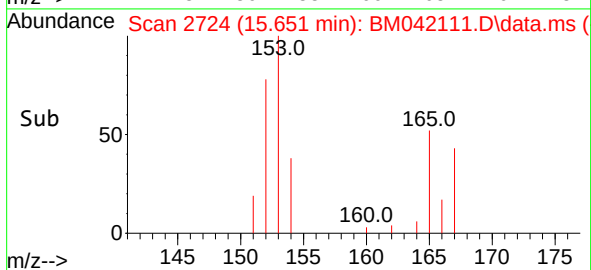
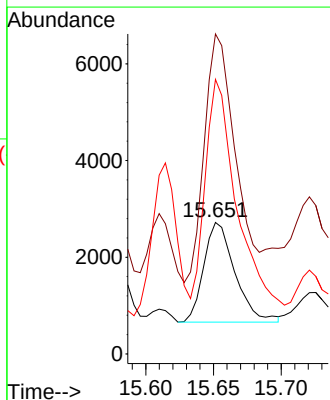
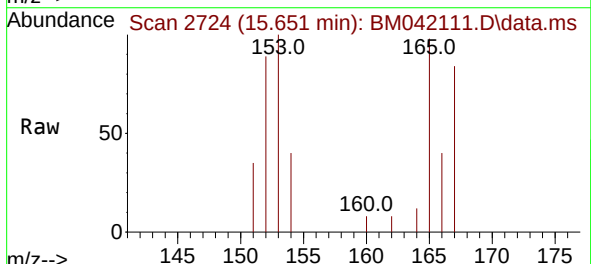
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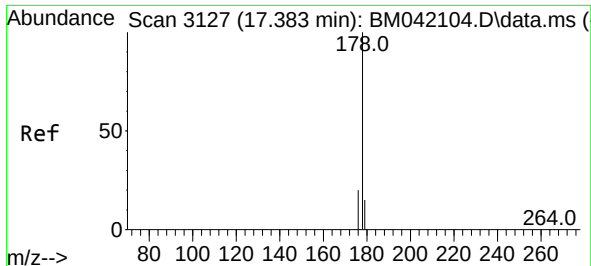
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#12
Fluorene
Concen: 0.136 ng/u1
RT: 15.651 min Scan# 2724
Delta R.T. 0.000 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00

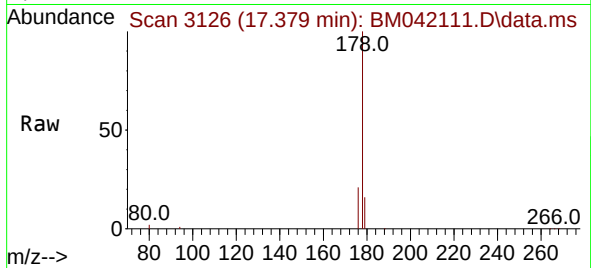
Tgt Ion:166 Resp: 3304
Ion Ratio Lower Upper
166 100
165 243.2 79.8 119.8#
167 208.6 11.1 16.7#





#15
Phenanthrene
Concen: 2.550 ng/ul
RT: 17.379 min Scan# 3127
Delta R.T. -0.017 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00

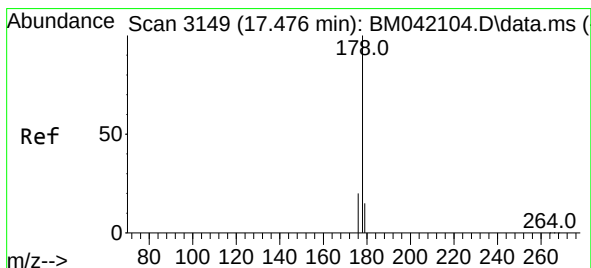
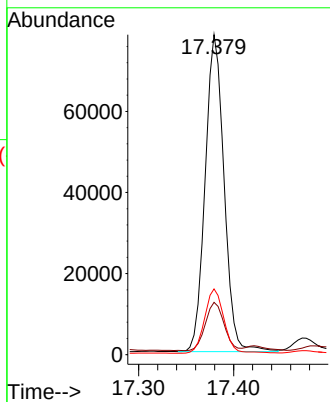
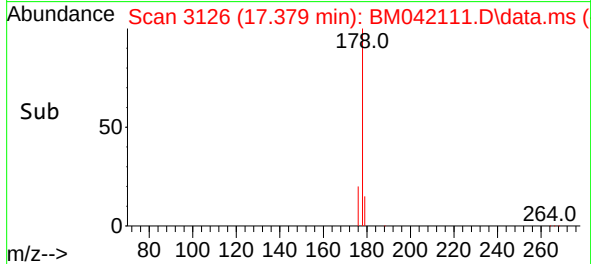
Instrument :
BNA_M
ClientSampleId :
EZYX1



Tgt Ion:178 Resp: 10852
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 20.6 16.6 24.8

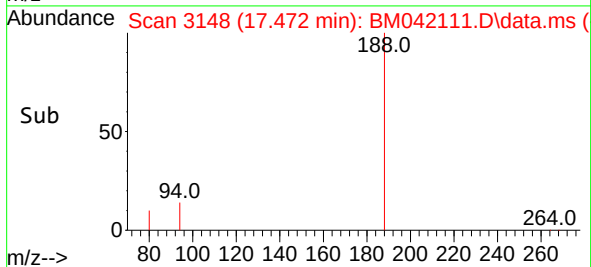
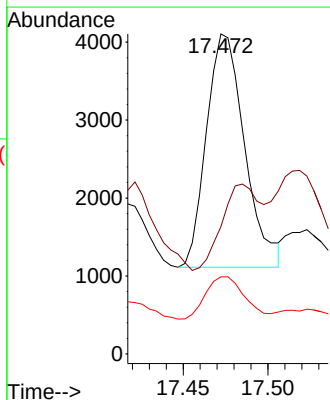
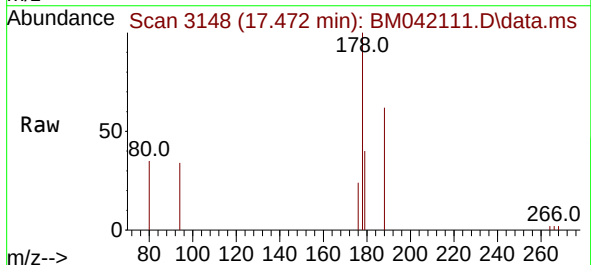
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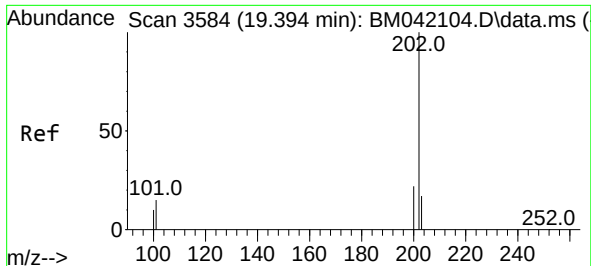
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#16
Anthracene
Concen: 0.128 ng/ul
RT: 17.472 min Scan# 3148
Delta R.T. -0.017 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00

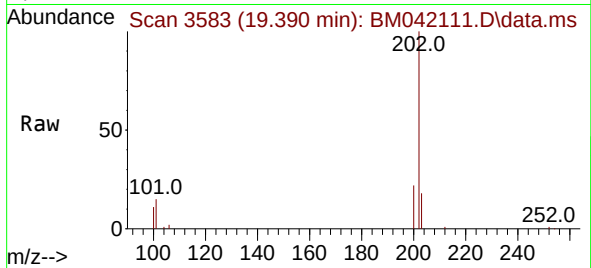
Tgt Ion:178 Resp: 4693
Ion Ratio Lower Upper
178 100
179 39.8 12.9 19.3#
176 24.1 16.2 24.2





#19
Fluoranthene
Concen: 0.708 ng/ul
RT: 19.390 min Scan# 3584
Delta R.T. -0.014 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00

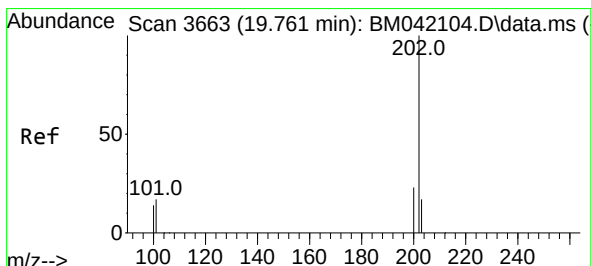
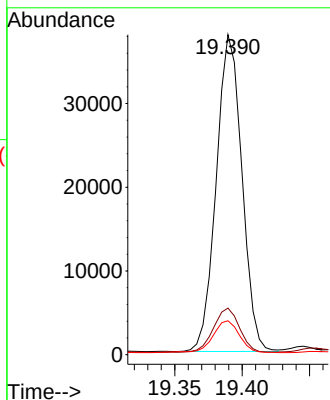
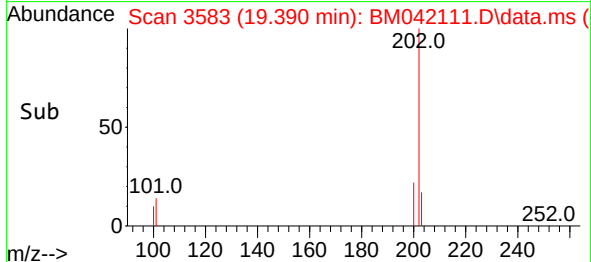
Instrument :
BNA_M
ClientSampleId :
EZYX1



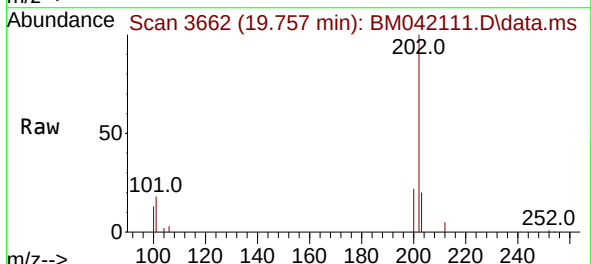
Tgt Ion:202 Resp: 50060
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 10.6 9.1 13.7

Manual Integrations
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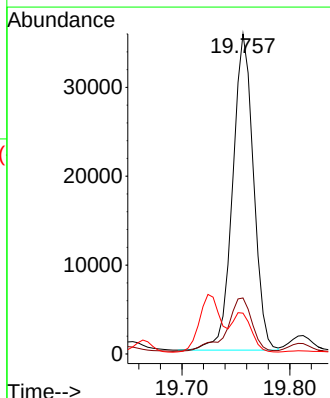
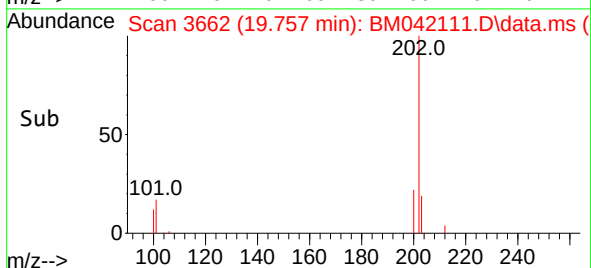
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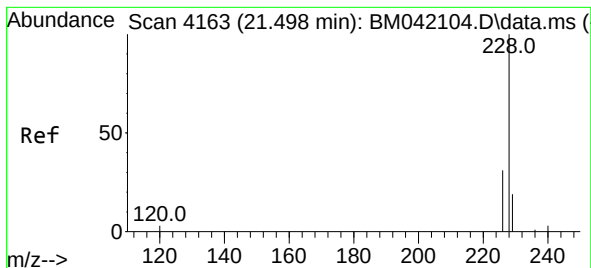


#20
Pyrene
Concen: 0.688 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.014 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00



Tgt Ion:202 Resp: 47820
Ion Ratio Lower Upper
202 100
101 17.5 14.1 21.1
100 12.7 11.4 17.0





#21

Benzo(a)anthracene

Concen: 0.512 ng/ul

RT: 21.495 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM042111.D

Acq: 28 Sep 2023 13:00

Instrument :

BNA_M

ClientSampleId :

EZYX1

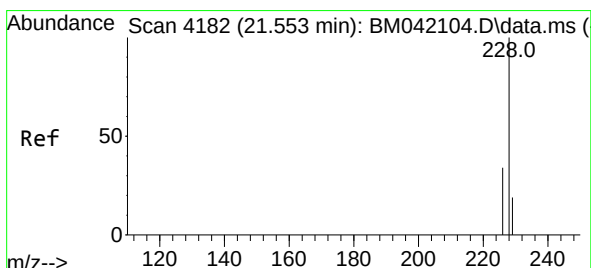
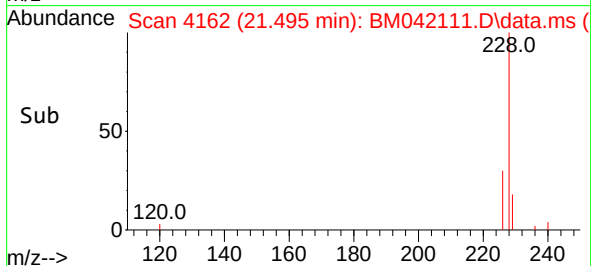
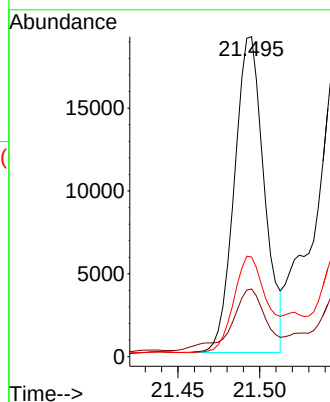
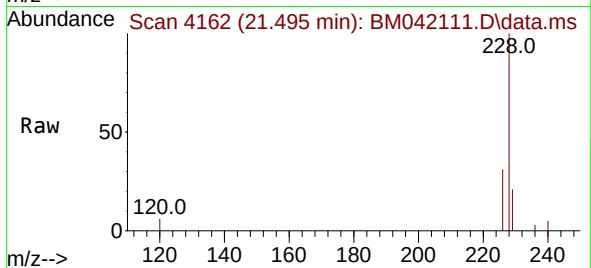
Tgt Ion:228	Resp:	24269
Ion Ratio	Lower	Upper
228	100	
229	21.2	15.5 23.3
226	31.2	24.8 37.2

Manual Integrations

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Supervised By :mohammad ahmed 10/03/2023



#22

Chrysene

Concen: 0.596 ng/ul

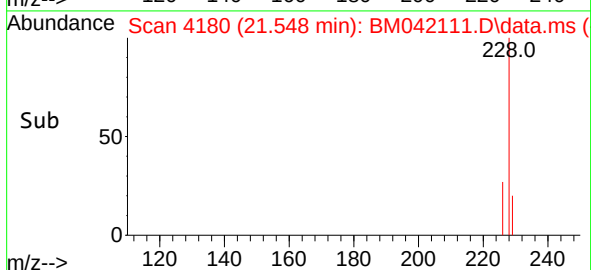
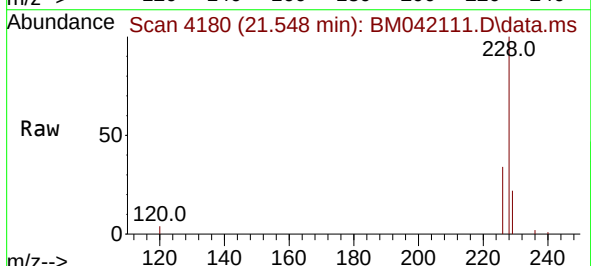
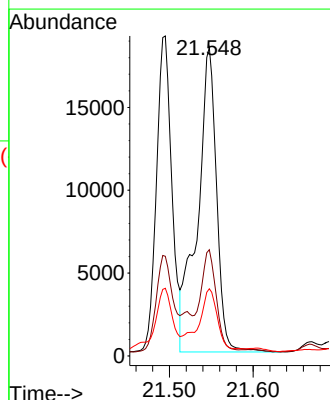
RT: 21.548 min Scan# 4180

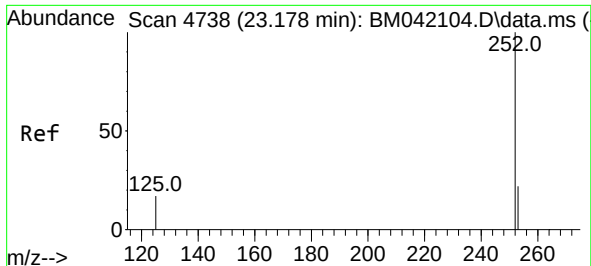
Delta R.T. -0.014 min

Lab File: BM042111.D

Acq: 28 Sep 2023 13:00

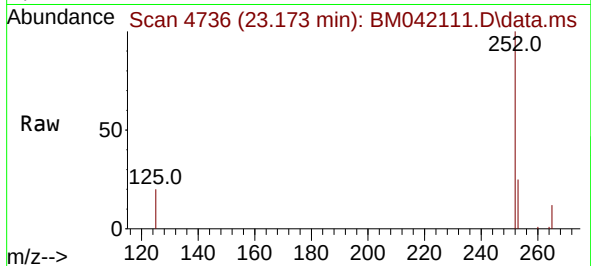
Tgt Ion:228	Resp:	29208
Ion Ratio	Lower	Upper
228	100	
226	34.4	27.8 41.6
229	21.8	15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.948 ng/ul
RT: 23.173 min Scan# 4736
Delta R.T. -0.017 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00

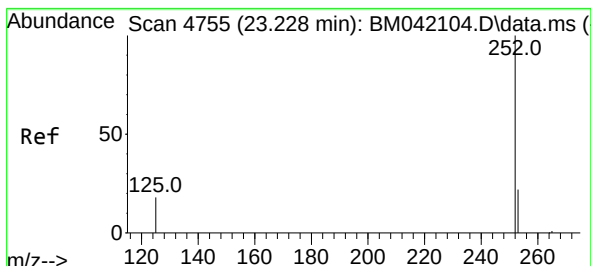
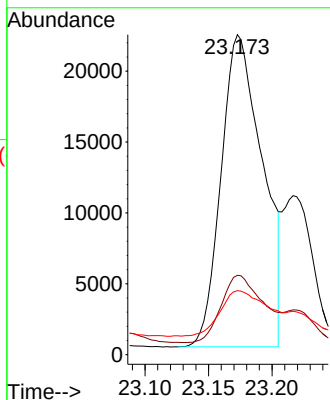
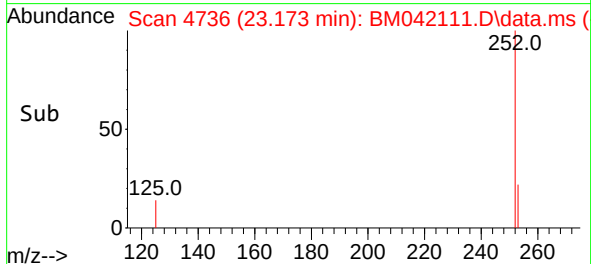
Instrument :
BNA_M
ClientSampleId :
EZYX1



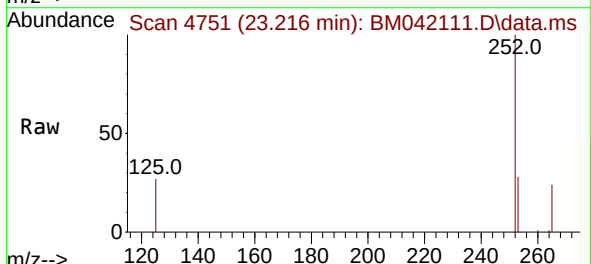
Tgt Ion:252 Resp: 49892
Ion Ratio Lower Upper
252 100
253 24.8 0.0 54.4
125 20.0 0.0 46.2

Manual Integrations
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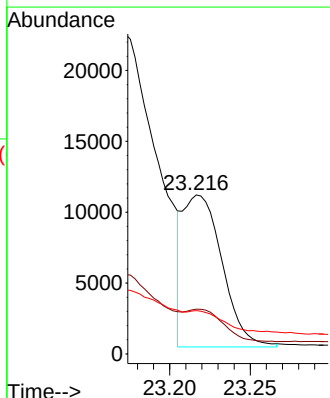
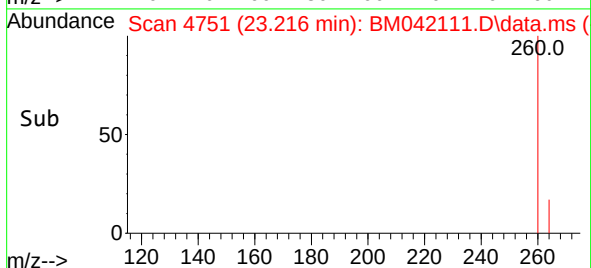
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

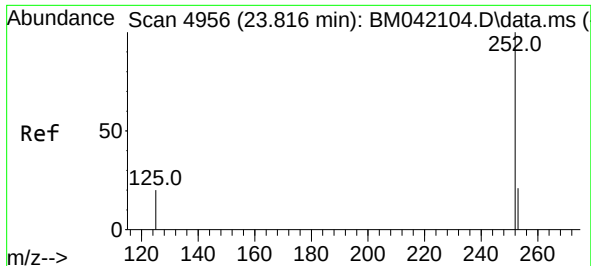


#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul m
RT: 23.216 min Scan# 4751
Delta R.T. -0.023 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00



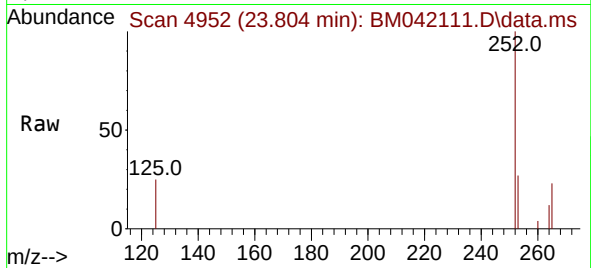
Tgt Ion:252 Resp: 18174
Ion Ratio Lower Upper
252 100
253 28.1 21.0 31.6
125 27.2 19.0 28.6





#26
Benzo(a)pyrene
Concen: 0.565 ng/ul
RT: 23.804 min Scan# 4956
Delta R.T. -0.023 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00

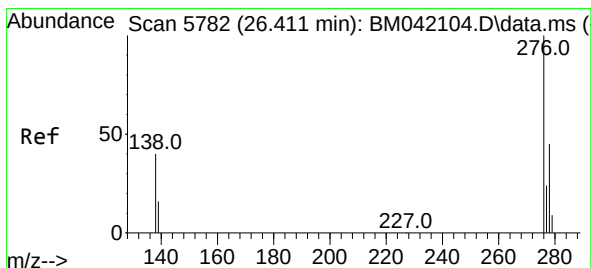
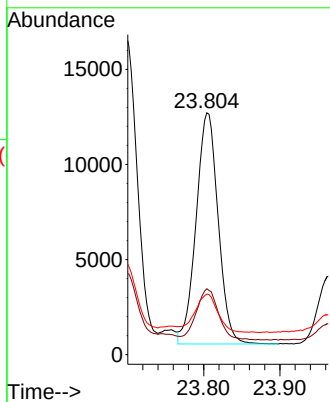
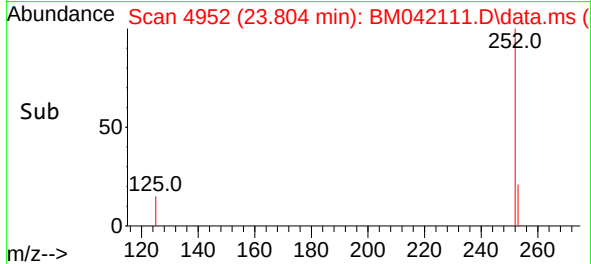
Instrument :
BNA_M
ClientSampleId :
EZYX1



Tgt Ion:252 Resp: 2443
Ion Ratio Lower Upper
252 100
253 27.3 23.2 34.8
125 25.0 22.5 33.7

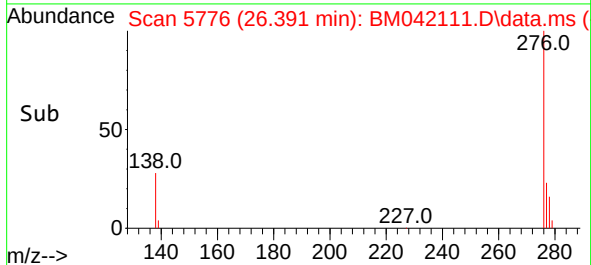
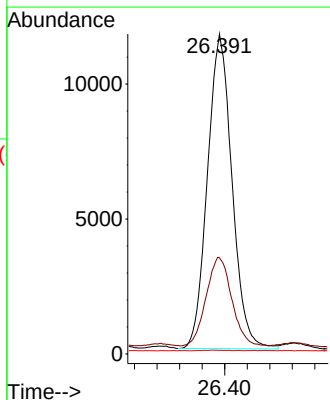
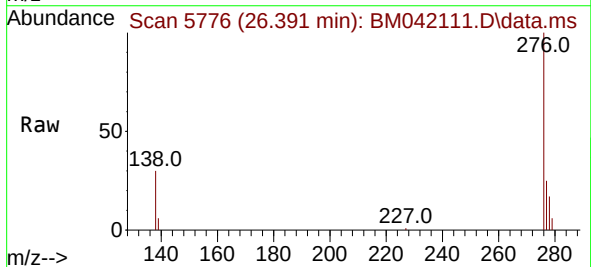
Manual Integrations
APPROVED

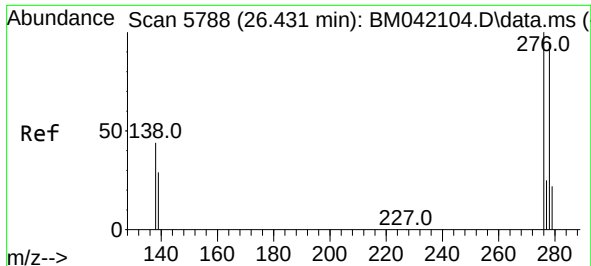
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.594 ng/ul
RT: 26.391 min Scan# 5776
Delta R.T. -0.040 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00

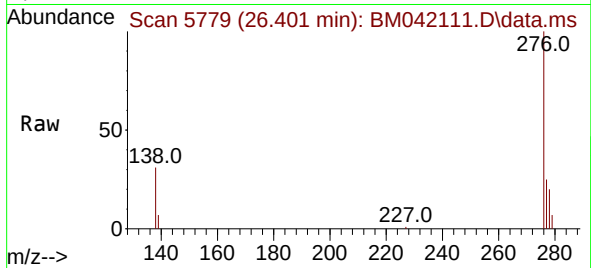
Tgt Ion:276 Resp: 35304
Ion Ratio Lower Upper
276 100
138 29.7 32.1 48.1#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.190 ng/ul
RT: 26.401 min Scan# 51
Delta R.T. -0.050 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00

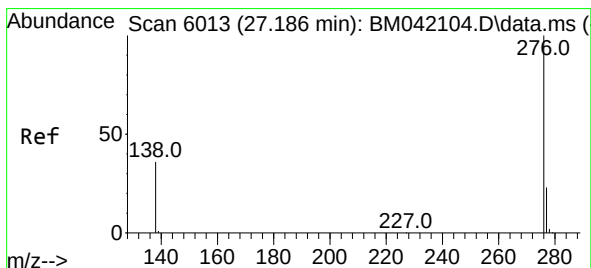
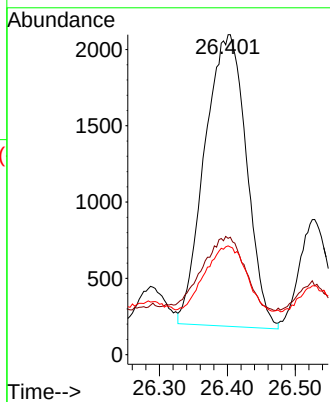
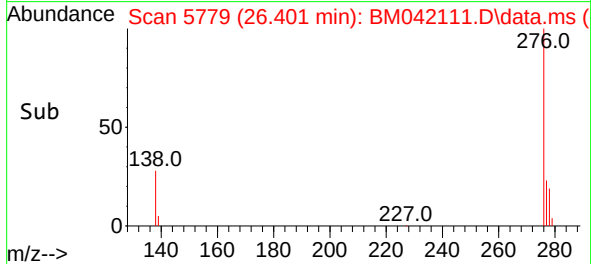
Instrument :
BNA_M
ClientSampleId :
EZYX1



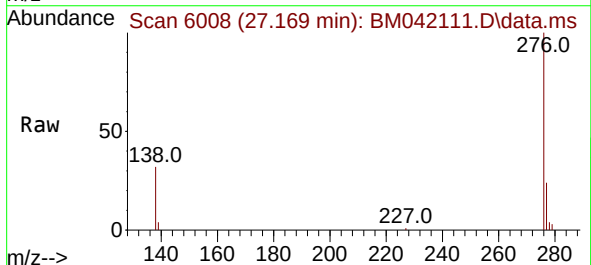
Tgt Ion: 278 Resp: 8140
Ion Ratio Lower Upper
278 100
139 36.3 25.0 37.6
279 34.0 21.7 32.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#29
Benzo(g,h,i)perylene
Concen: 0.671 ng/ul
RT: 27.169 min Scan# 6008
Delta R.T. -0.040 min
Lab File: BM042111.D
Acq: 28 Sep 2023 13:00



Tgt Ion: 276 Resp: 33551
Ion Ratio Lower Upper
276 100
138 32.0 29.0 43.4
277 24.3 19.6 29.4

