

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046321.D
 Acq On : 26 Jun 2024 09:42
 Operator : MA/JU
 Sample : P2909-18
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B41

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 11:12:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 26 03:24:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	1777	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.167	136	5303	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.044	164	3212	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	16.787	188	8594m	0.400	ng/ul	-0.05
17) Chrysene-d12	20.994	240	6596m	0.400	ng/ul	-0.02
23) Perylene-d12	23.080	264	7285m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	6911	2.835	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.789	152	1777	0.250	ng/ul	-0.05
18) Fluoranthene-d10	18.821	212	5173	0.262	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.216	128	2340	0.158	ng/ul#	91
7) 2-Methylnaphthalene	11.860	142	942	0.113	ng/ul	99
8) 1-Methylnaphthalene	12.069	142	891	0.098	ng/ul	95
10) Acenaphthylene	13.757	152	6732	0.442	ng/ul	98
11) Acenaphthene	14.104	153	5313	0.483	ng/ul	99
12) Fluorene	15.099	166	6994	0.593	ng/ul	99
15) Phenanthrene	16.825	178	168515m	6.979	ng/ul	
16) Anthracene	16.918	178	36287m	2.018	ng/ul	
19) Fluoranthene	18.849	202	367303	12.861	ng/ul	97
20) Pyrene	19.216	202	240871	7.799	ng/ul	95
21) Benzo(a)anthracene	20.976	228	154901	6.080	ng/ul	99
22) Chrysene	21.029	228	171218	5.266	ng/ul	98
24) Benzo(b)fluoranthene	22.466	252	220238m	8.391	ng/ul	
25) Benzo(k)fluoranthene	22.501	252	93671m	3.002	ng/ul	
26) Benzo(a)pyrene	22.990	252	76019	3.126	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.118	276	84065	2.112	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.118	278	29976	1.012	ng/ul#	88
29) Benzo(g,h,i)perylene	25.739	276	11751	0.344	ng/ul#	91

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

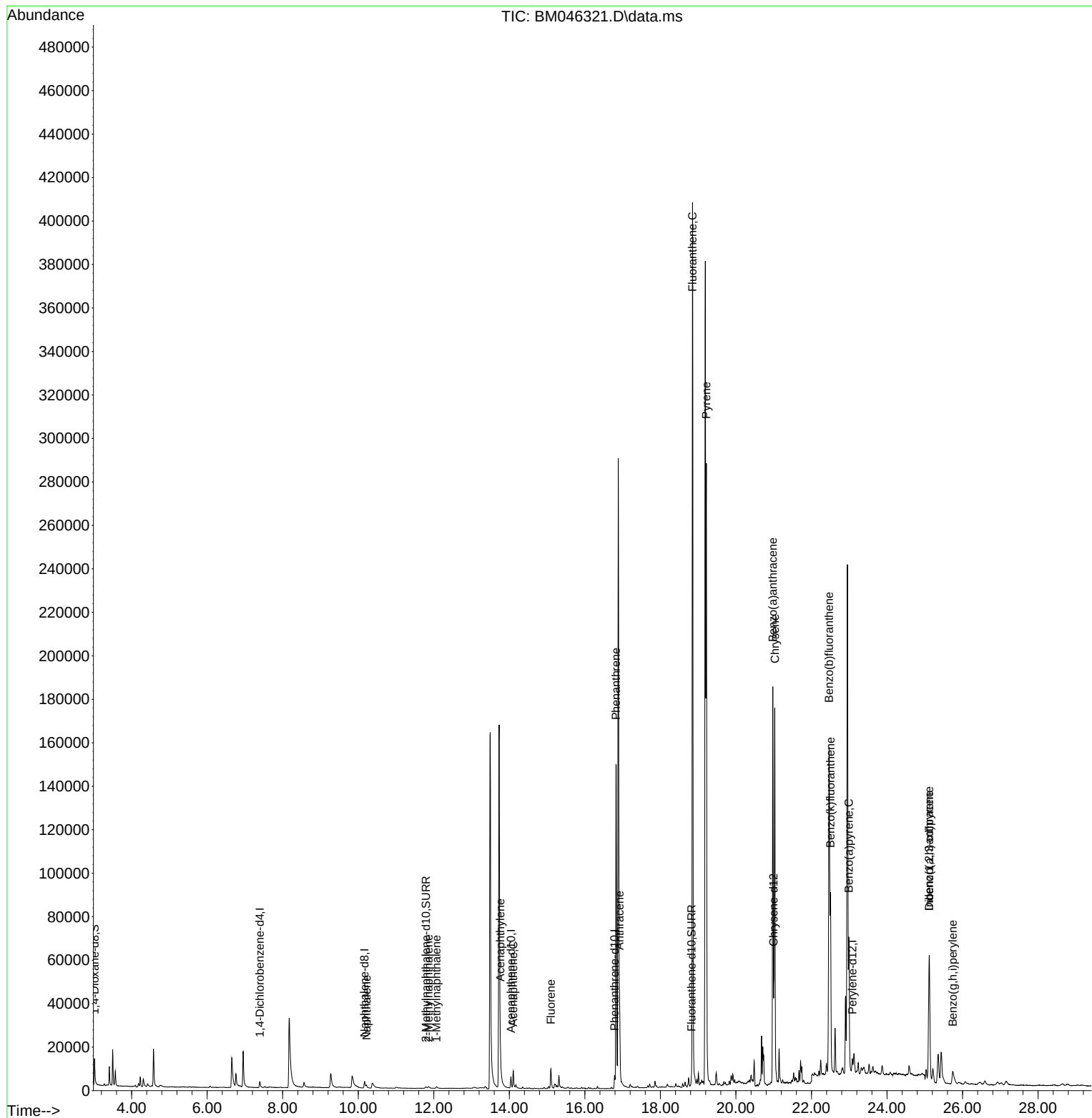
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046321.D
Acq On : 26 Jun 2024 09:42
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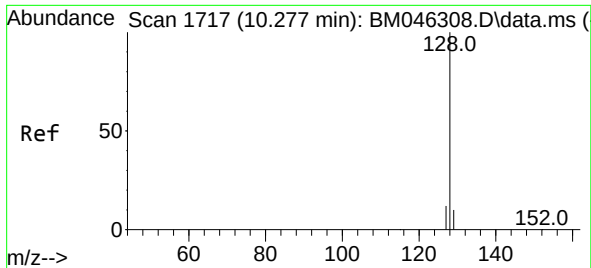
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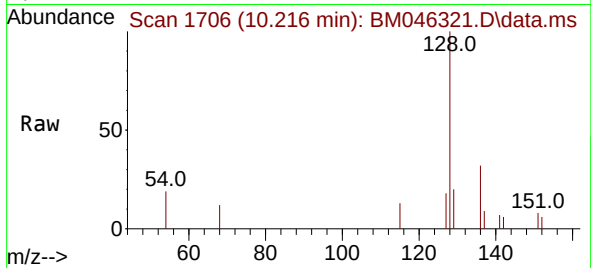
Quant Time: Jun 26 11:12:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
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#5
Naphthalene
Concen: 0.158 ng/ul
RT: 10.216 min Scan# 1706
Delta R.T. -0.060 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42

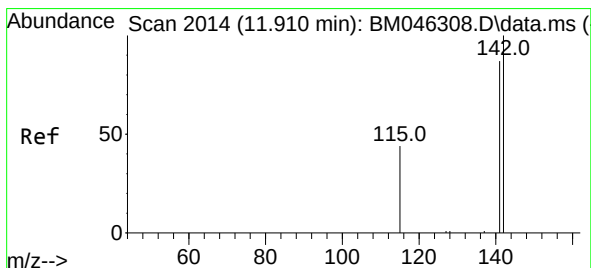
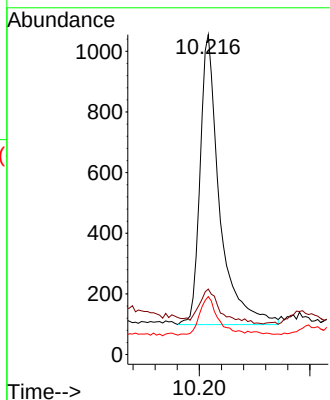
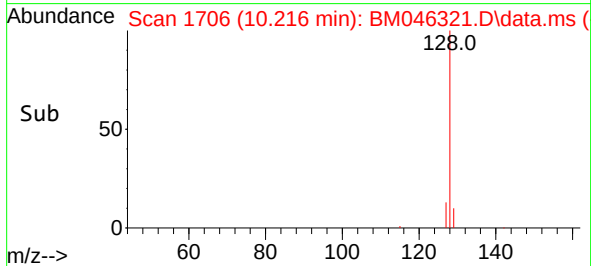
Instrument :
BNA_M
ClientSampleId :
A4B41



Tgt Ion:128 Resp: 2340
Ion Ratio Lower Upper
128 100
129 20.5 11.8 17.6
127 18.1 12.8 19.2

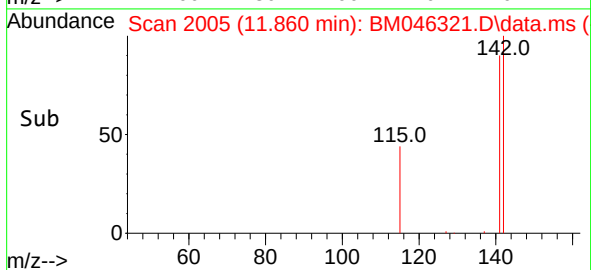
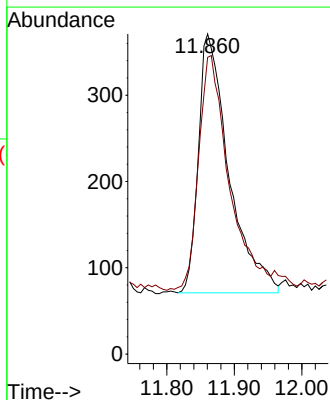
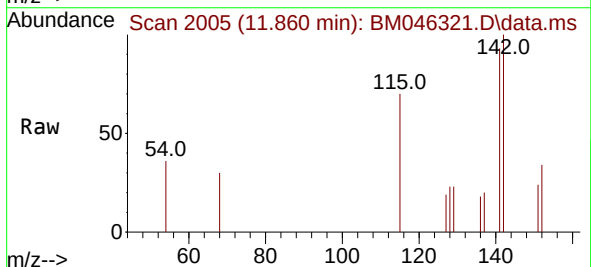
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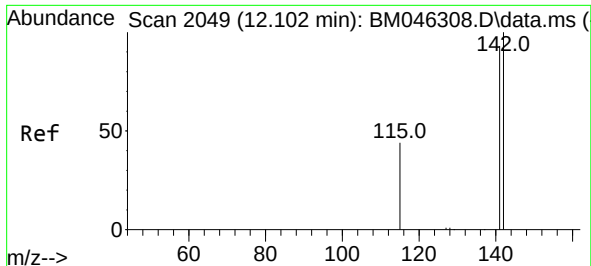
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 11.860 min Scan# 2005
Delta R.T. -0.049 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42

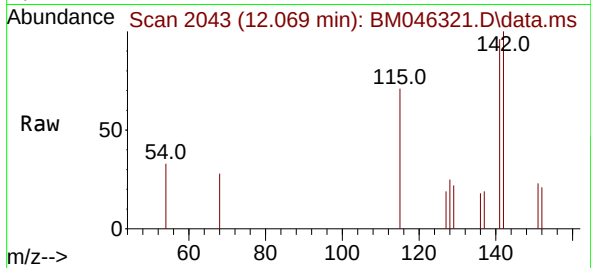
Tgt Ion:142 Resp: 942
Ion Ratio Lower Upper
142 100
141 93.7 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.069 min Scan# 2043
Delta R.T. -0.033 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42

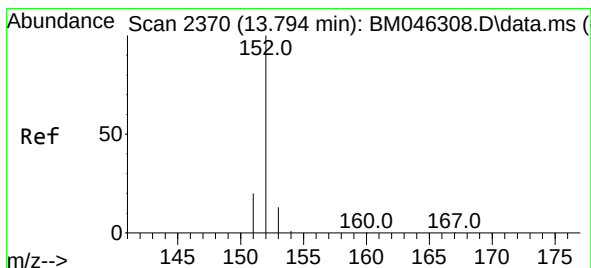
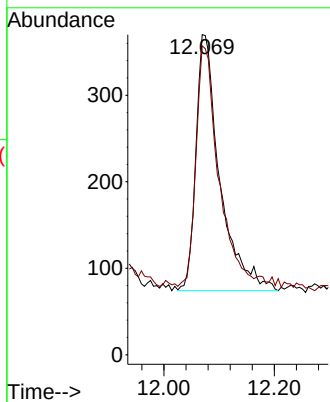
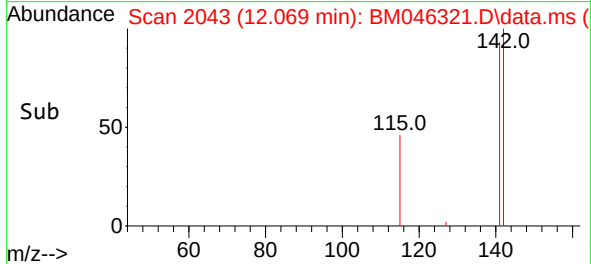
Instrument :
BNA_M
ClientSampleId :
A4B41



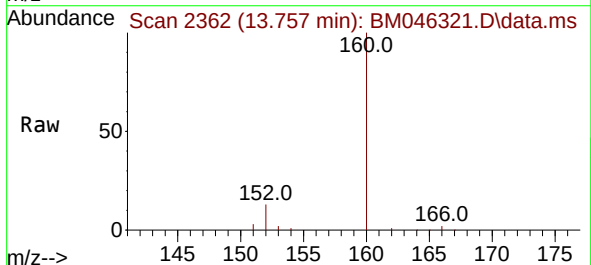
Tgt Ion:142 Resp: 89.2
Ion Ratio Lower Upper
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141 89.2 75.2 112.8

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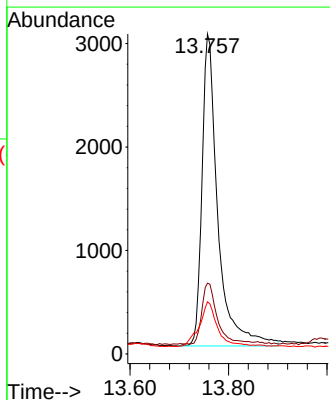
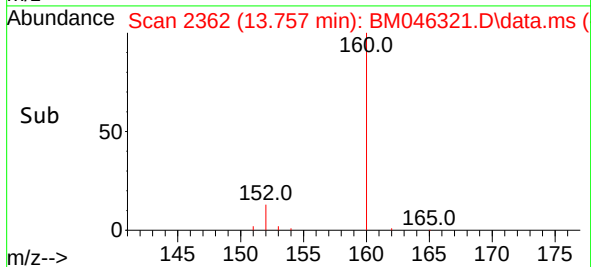
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

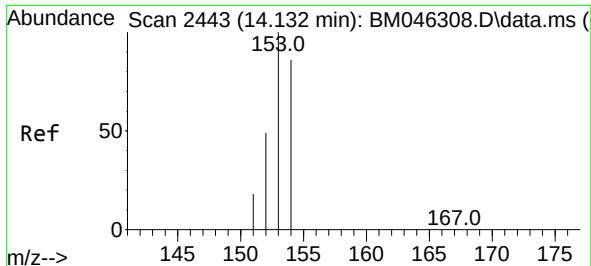


#10
Acenaphthylene
Concen: 0.442 ng/ul
RT: 13.757 min Scan# 2362
Delta R.T. -0.037 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42



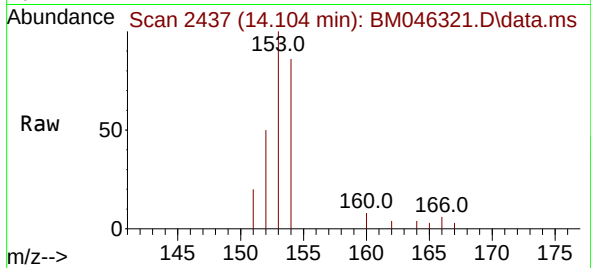
Tgt Ion:152 Resp: 6732
Ion Ratio Lower Upper
152 100
151 22.1 17.4 26.2
153 16.3 11.8 17.8





#11
Acenaphthene
Concen: 0.483 ng/u1
RT: 14.104 min Scan# 2443
Delta R.T. -0.028 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42

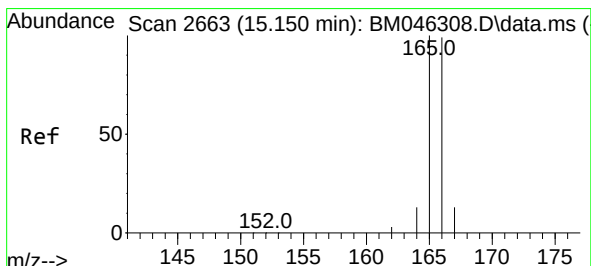
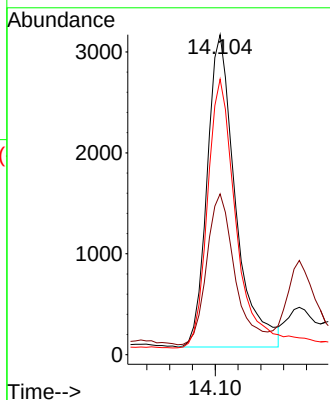
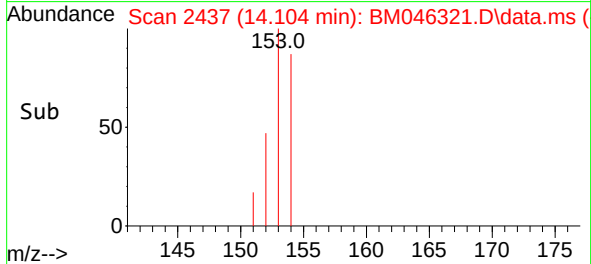
Instrument :
BNA_M
ClientSampleId :
A4B41



Tgt Ion:153 Resp: 531
Ion Ratio Lower Upper
153 100
152 50.2 41.3 61.9
154 86.1 68.2 102.4

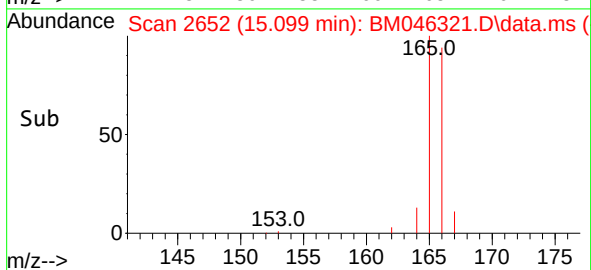
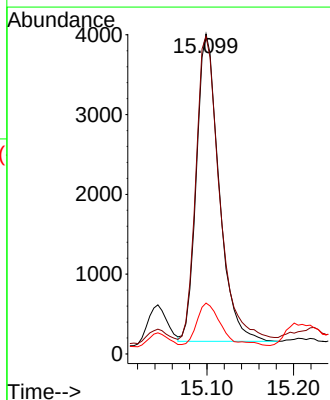
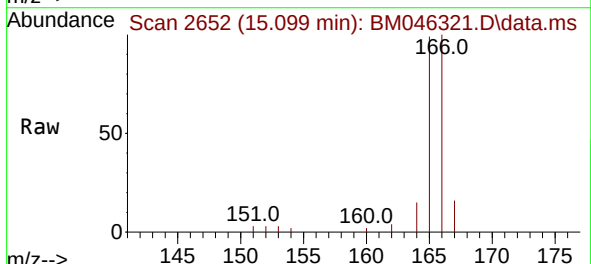
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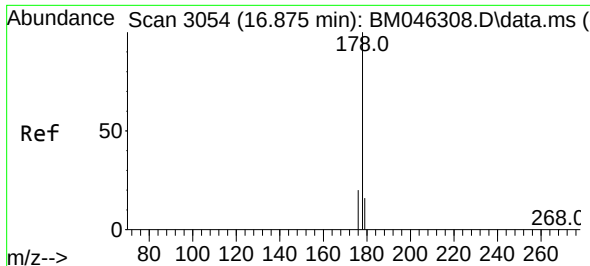
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.593 ng/u1
RT: 15.099 min Scan# 2652
Delta R.T. -0.051 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42

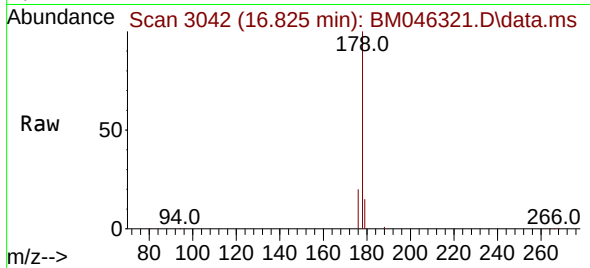
Tgt Ion:166 Resp: 6994
Ion Ratio Lower Upper
166 100
165 99.2 80.4 120.6
167 15.9 12.4 18.6





#15
Phenanthrene
Concen: 6.979 ng/ul m
RT: 16.825 min Scan# 3042
Delta R.T. -0.051 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42

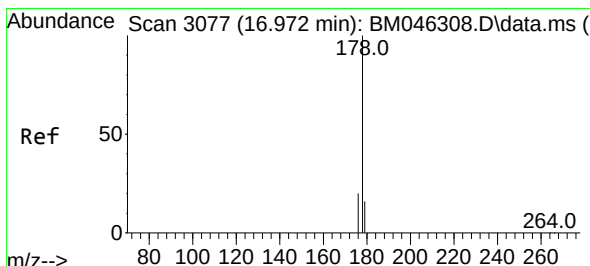
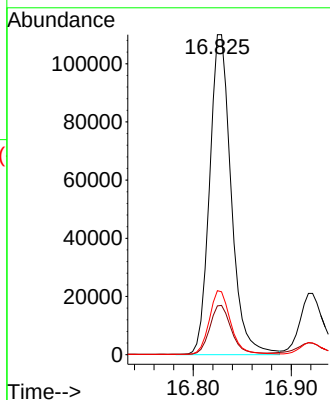
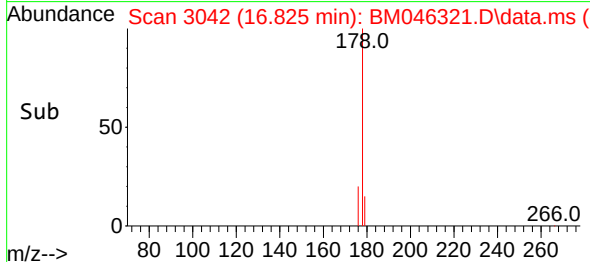
Instrument :
BNA_M
ClientSampleId :
A4B41



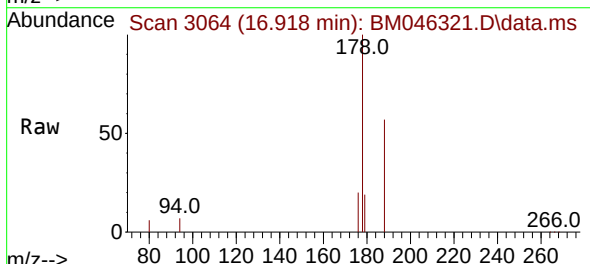
Tgt Ion:178 Resp: 16851
Ion Ratio Lower Upper
178 100
179 15.2 14.2 21.2
176 20.0 17.1 25.7

Manual Integrations
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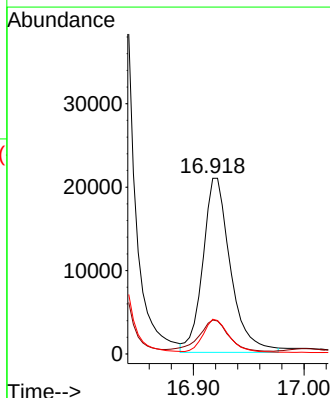
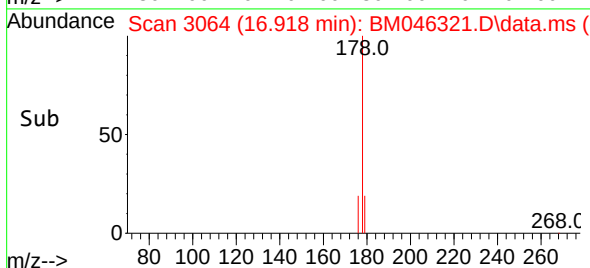
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

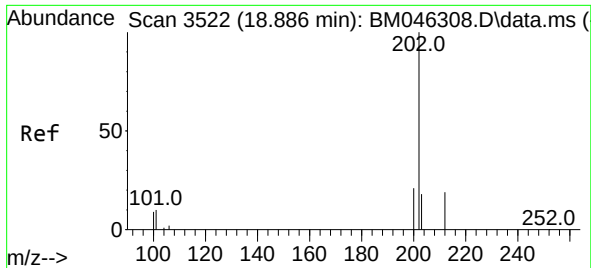


#16
Anthracene
Concen: 2.018 ng/ul m
RT: 16.918 min Scan# 3064
Delta R.T. -0.055 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42



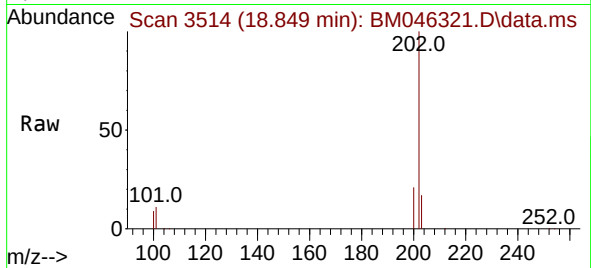
Tgt Ion:178 Resp: 36287
Ion Ratio Lower Upper
178 100
179 19.3 14.9 22.3
176 19.7 17.0 25.4





#19
Fluoranthene
Concen: 12.861 ng/ul
RT: 18.849 min Scan# 3514
Delta R.T. -0.037 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42

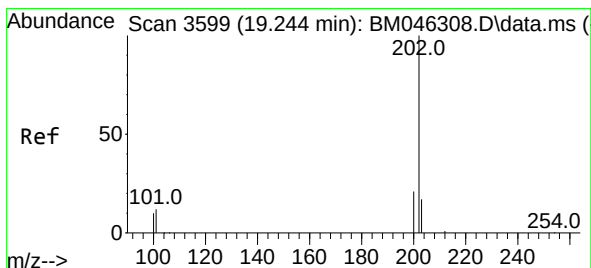
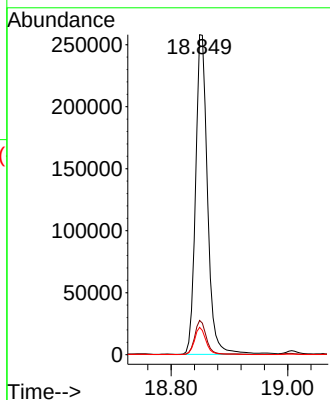
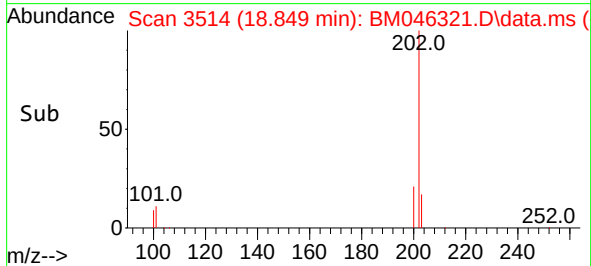
Instrument :
BNA_M
ClientSampleId :
A4B41



Tgt Ion:202 Resp: 36730
Ion Ratio Lower Upper
202 100
101 10.7 9.6 14.4
100 8.6 7.6 11.4

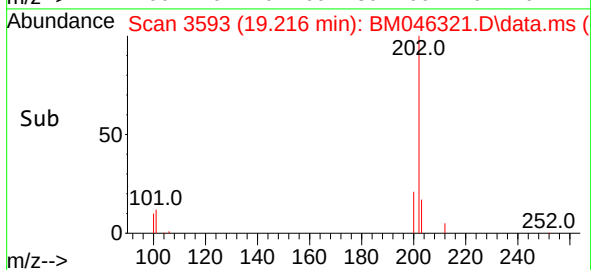
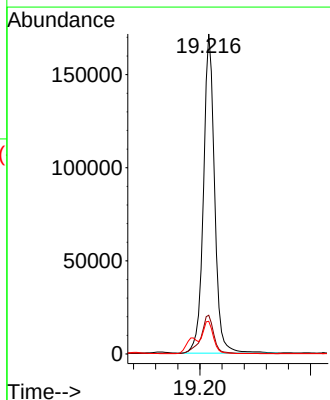
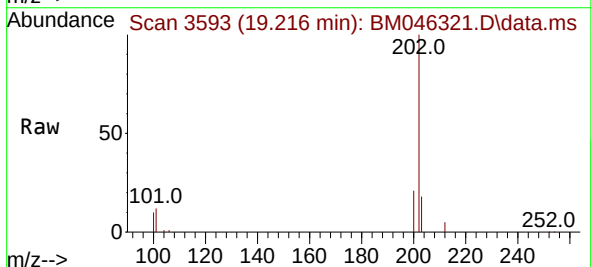
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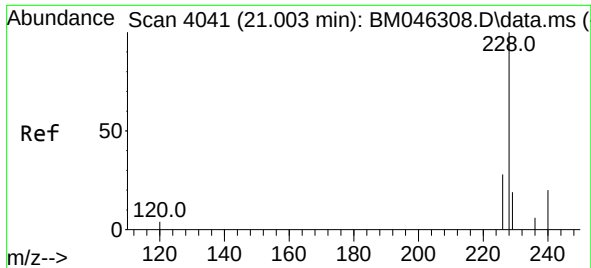
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 7.799 ng/ul
RT: 19.216 min Scan# 3593
Delta R.T. -0.028 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42

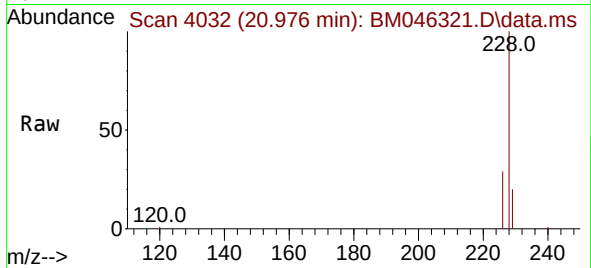
Tgt Ion:202 Resp: 240871
Ion Ratio Lower Upper
202 100
101 12.1 11.3 16.9
100 10.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 6.080 ng/u1
RT: 20.976 min Scan# 4041
Delta R.T. -0.026 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42

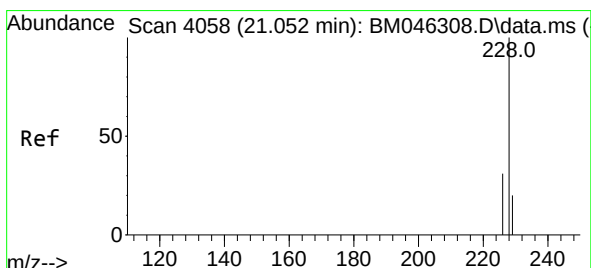
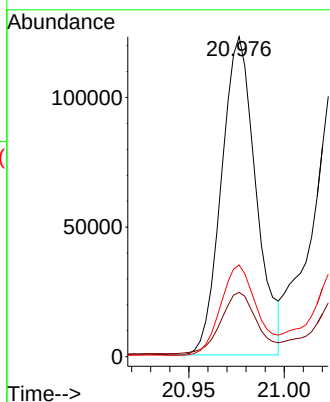
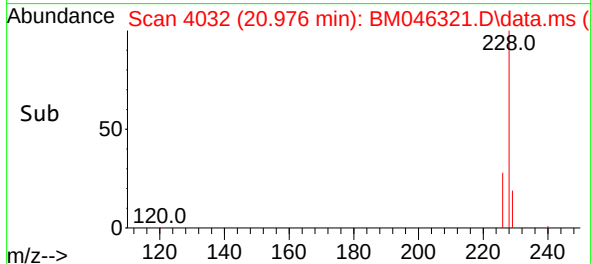
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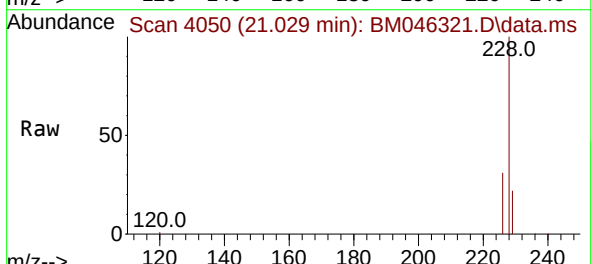
Tgt Ion:228 Resp: 15490
Ion Ratio Lower Upper
228 100
229 20.1 16.4 24.6
226 28.6 23.4 35.2

Manual Integrations
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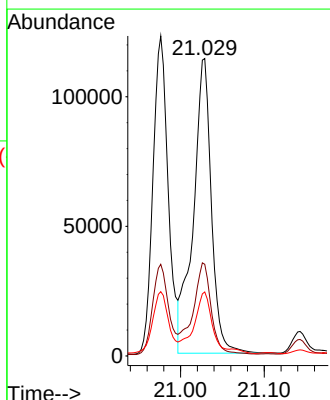
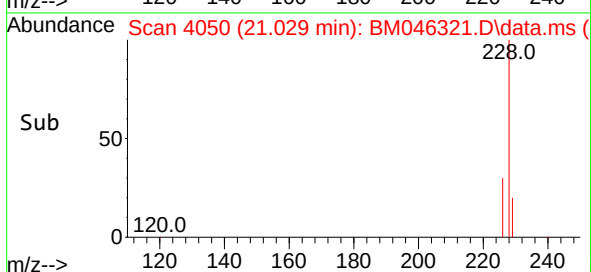
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

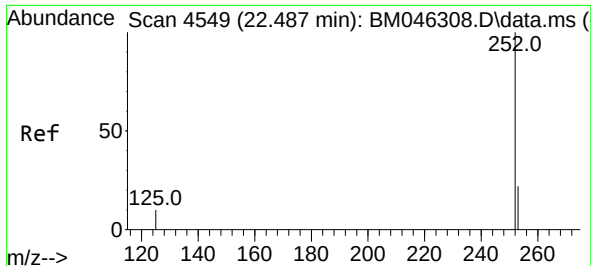


#22
Chrysene
Concen: 5.266 ng/u1
RT: 21.029 min Scan# 4050
Delta R.T. -0.023 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42



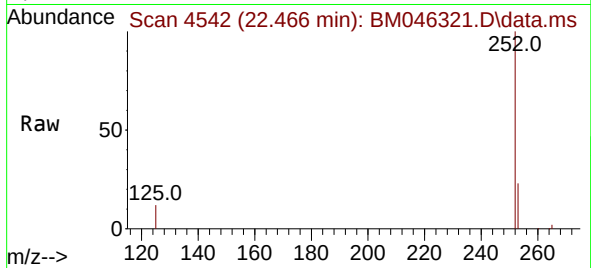
Tgt Ion:228 Resp: 171218
Ion Ratio Lower Upper
228 100
226 30.8 25.2 37.8
229 21.6 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 8.391 ng/ul m
RT: 22.466 min Scan# 4542
Delta R.T. -0.020 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42

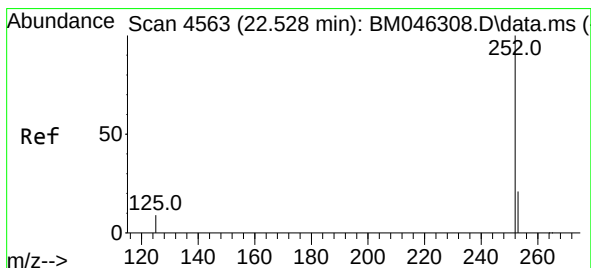
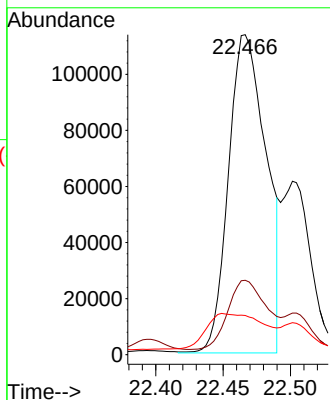
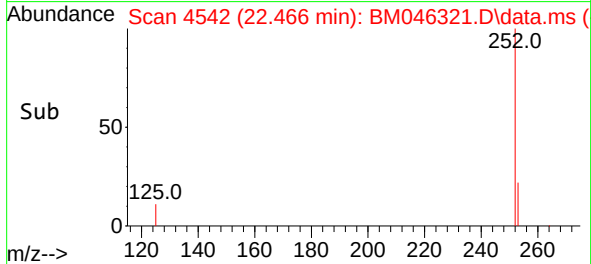
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 220238
Ion Ratio Lower Upper
252 100
253 23.3 0.0 65.8
125 12.3 0.0 40.2

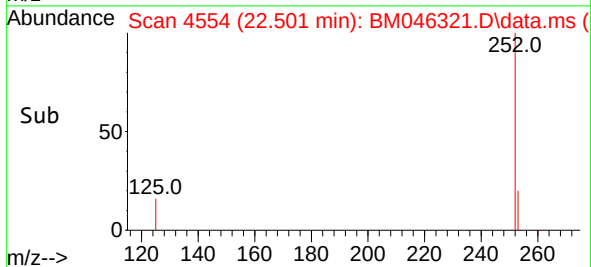
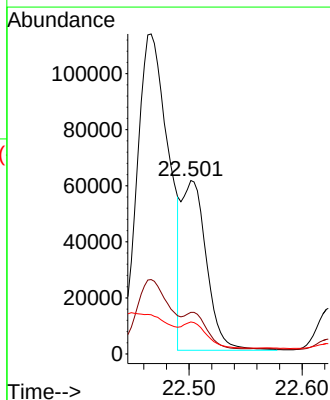
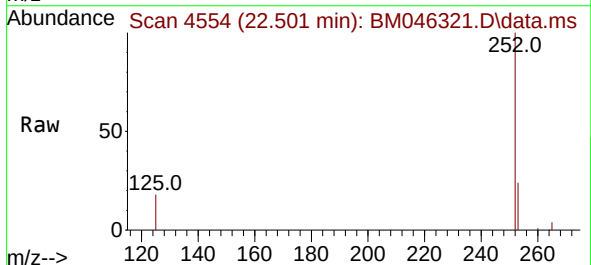
Manual Integrations
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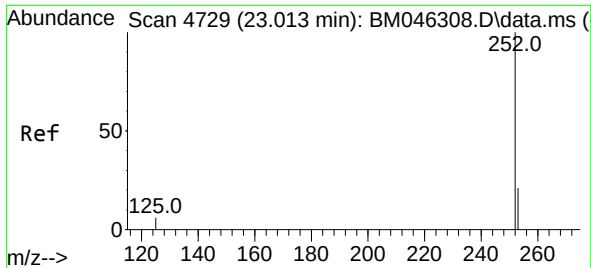
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#25
Benzo(k)fluoranthene
Concen: 3.002 ng/ul m
RT: 22.501 min Scan# 4554
Delta R.T. -0.026 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42

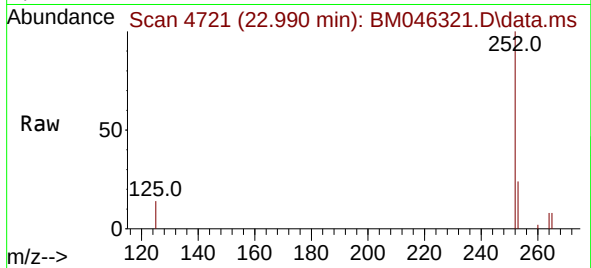
Tgt Ion:252 Resp: 93671
Ion Ratio Lower Upper
252 100
253 24.0 27.2 40.8#
125 18.4 16.6 25.0





#26
Benzo(a)pyrene
Concen: 3.126 ng/ul
RT: 22.990 min Scan# 4721
Delta R.T. -0.023 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42

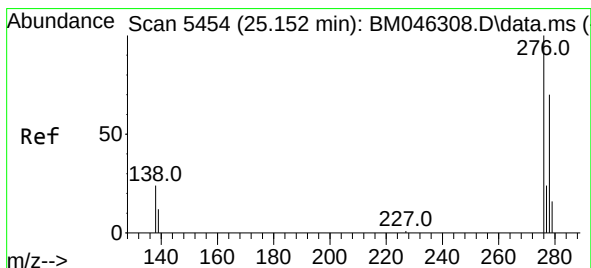
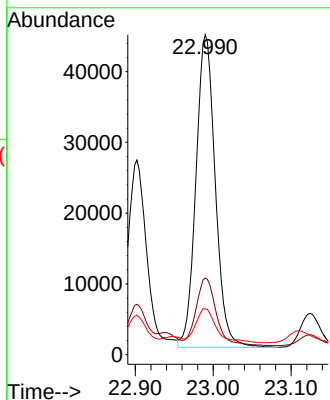
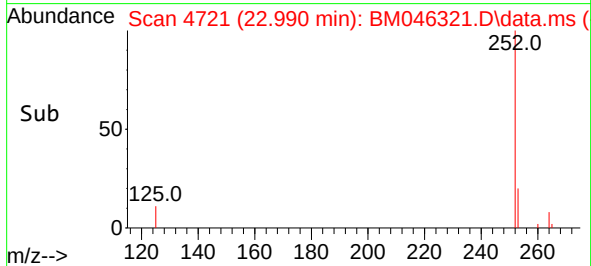
Instrument :
BNA_M
ClientSampleId :
A4B41



Tgt Ion:252 Resp: 76019
Ion Ratio Lower Upper
252 100
253 24.0 32.1 48.1
125 14.4 21.2 31.8

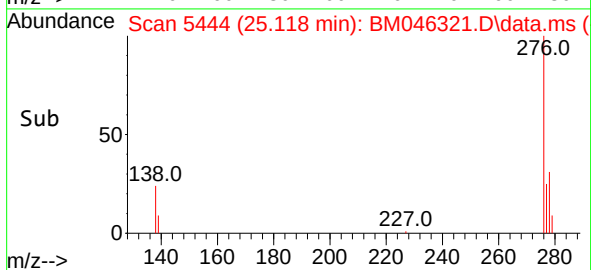
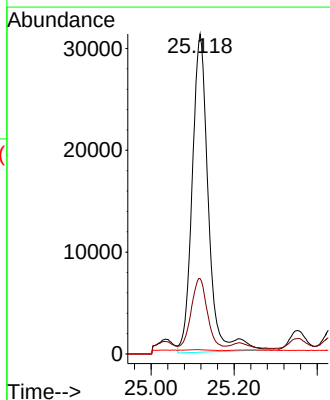
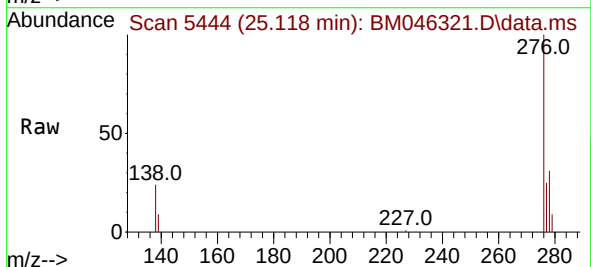
Manual Integrations
APPROVED

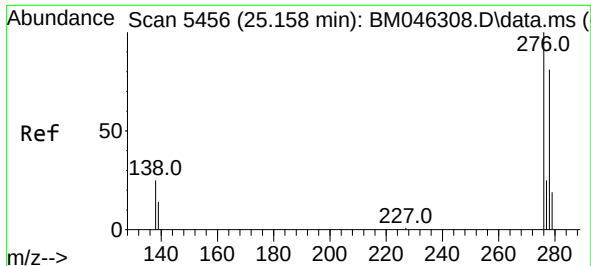
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.112 ng/ul
RT: 25.118 min Scan# 5444
Delta R.T. -0.033 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42

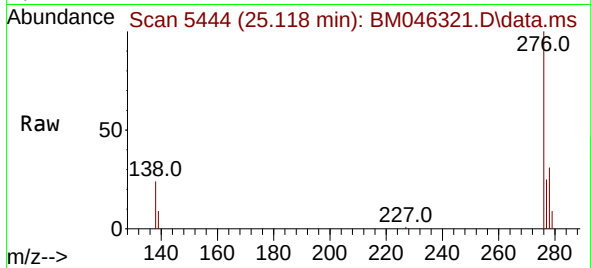
Tgt Ion:276 Resp: 84065
Ion Ratio Lower Upper
276 100
138 26.9 21.0 31.4
227 8.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.012 ng/ul
RT: 25.118 min Scan# 5456
Delta R.T. -0.040 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42

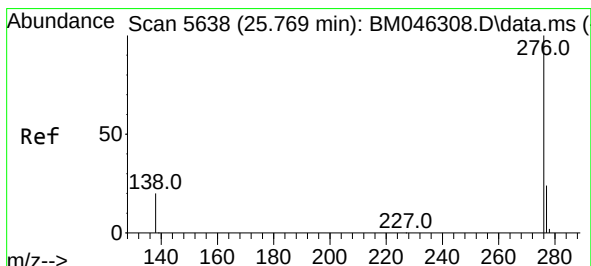
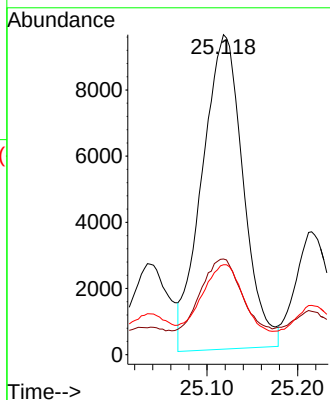
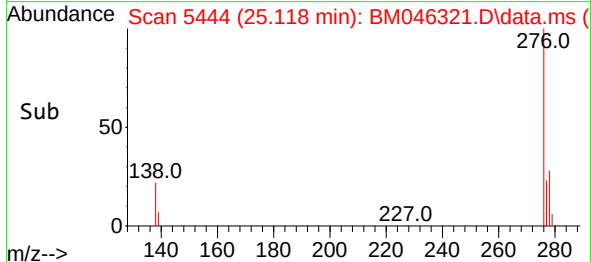
Instrument :
BNA_M
ClientSampleId :
A4B41



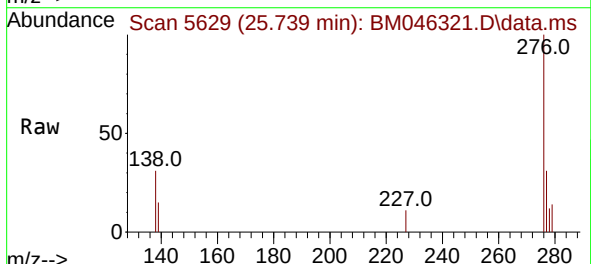
Tgt Ion:278 Resp: 29970
Ion Ratio Lower Upper
278 100
139 29.9 17.6 26.4
279 28.1 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.344 ng/ul
RT: 25.739 min Scan# 5629
Delta R.T. -0.030 min
Lab File: BM046321.D
Acq: 26 Jun 2024 09:42



Tgt Ion:276 Resp: 11751
Ion Ratio Lower Upper
276 100
138 30.9 21.7 32.5
277 31.3 20.4 30.6

