

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046734.D
 Acq On : 19 Jul 2024 19:53
 Operator : MA/JU
 Sample : P3201-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CJ0

Manual Integrations
 APPROVED

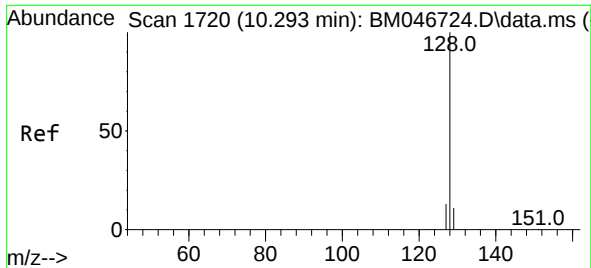
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 23:58:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

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

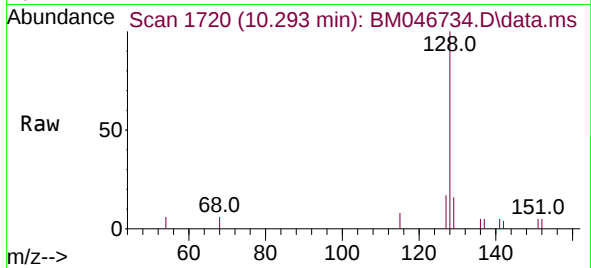
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	3701	0.400	ng/ul	0.00
4) Naphthalene-d8	10.243	136	10169	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.132	164	7745	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.888	188	12059	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	8461	0.400	ng/ul	# 0.00
23) Perylene-d12	23.229	264	9114	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	9031	2.970	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.844	152	3625	0.221	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	6369	0.247	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.293	128	2227	0.086	ng/ul#	95
7) 2-Methylnaphthalene	11.921	142	842	0.046	ng/ul	99
8) 1-Methylnaphthalene	12.141	142	541	0.029	ng/ul	97
10) Acenaphthylene	13.850	152	2780	0.079	ng/ul	95
11) Acenaphthene	14.197	153	4528	0.192	ng/ul	97
12) Fluorene	15.191	166	4846	0.166	ng/ul	98
15) Phenanthrene	16.926	178	56621	1.645	ng/ul	99
16) Anthracene	17.019	178	11676	0.348	ng/ul	99
19) Fluoranthene	18.956	202	83912	2.414	ng/ul	99
20) Pyrene	19.323	202	72629	1.930	ng/ul	99
21) Benzo(a)anthracene	21.078	228	33382	0.892	ng/ul	97
22) Chrysene	21.128	228	34669	0.957	ng/ul	98
24) Benzo(b)fluoranthene	22.598	252	44264m	1.216	ng/ul	
25) Benzo(k)fluoranthene	22.636	252	15683m	0.439	ng/ul	
26) Benzo(a)pyrene	23.136	252	29773	0.994	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.339	276	24208	0.531	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.346	278	5806	0.161	ng/ul#	64
29) Benzo(g,h,i)perylene	25.987	276	25211	0.693	ng/ul	99

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



#5
Naphthalene
Concen: 0.086 ng/ul
RT: 10.293 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53

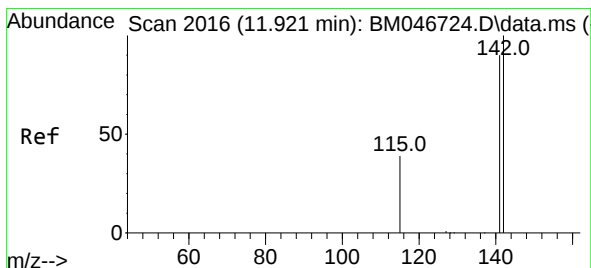
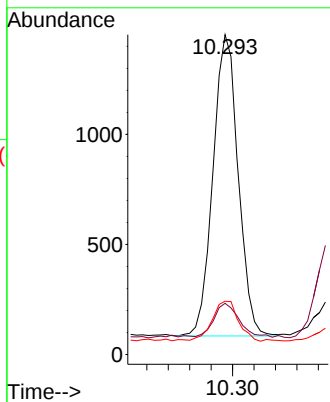
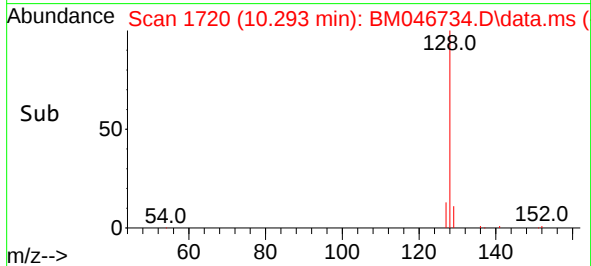
Instrument :
BNA_M
ClientSampleId :
A4CJ0



Tgt Ion:128 Resp: 222
Ion Ratio Lower Upper
128 100
129 16.0 10.3 15.5
127 16.7 12.2 18.4

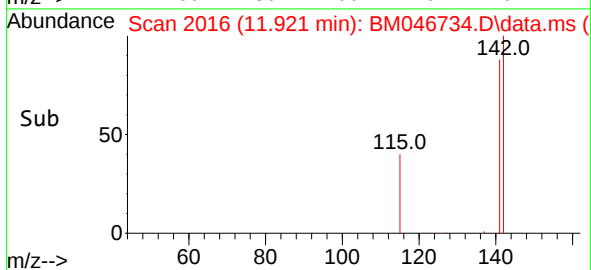
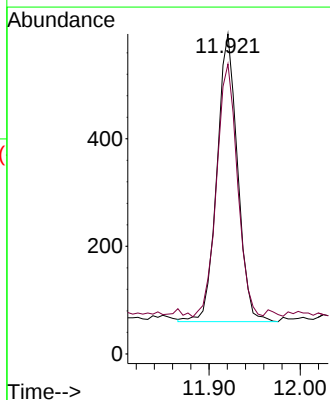
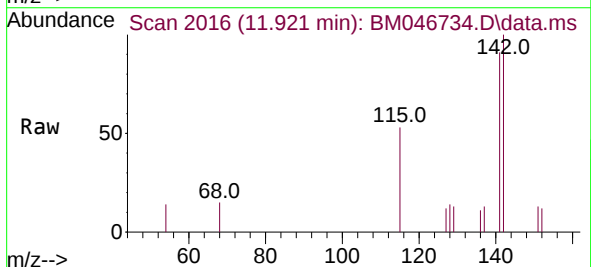
Manual Integrations
APPROVED

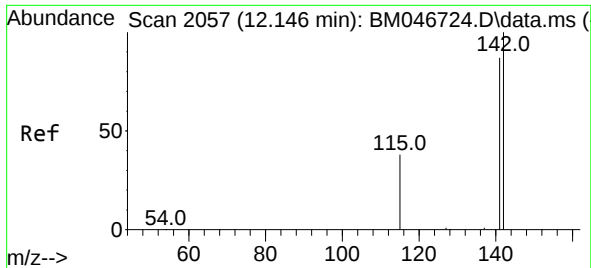
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 11.921 min Scan# 2016
Delta R.T. 0.001 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53

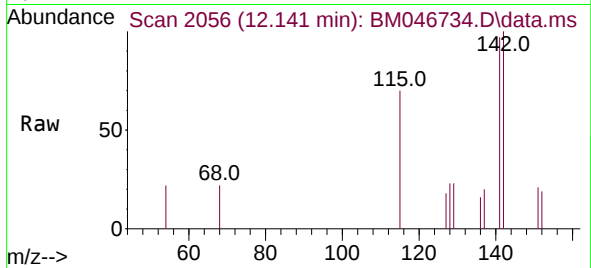
Tgt Ion:142 Resp: 842
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53

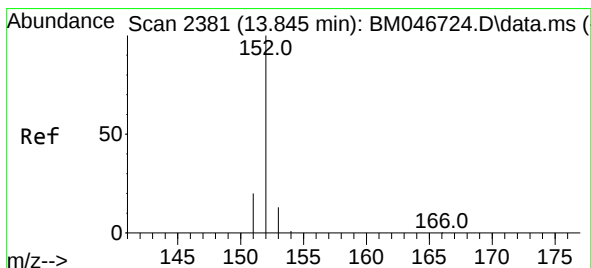
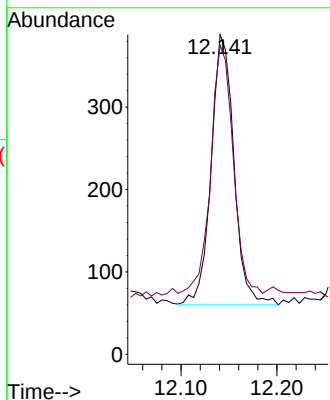
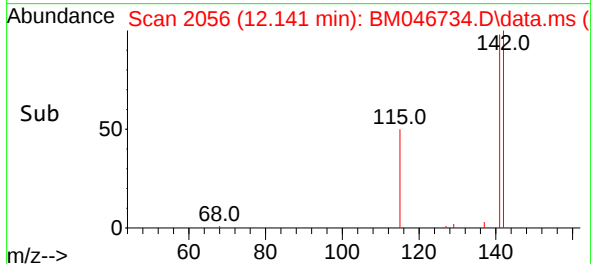
Instrument :
BNA_M
ClientSampleId :
A4CJ0



Tgt Ion:142 Resp: 541
Ion Ratio Lower Upper
142 100
141 89.8 73.9 110.9

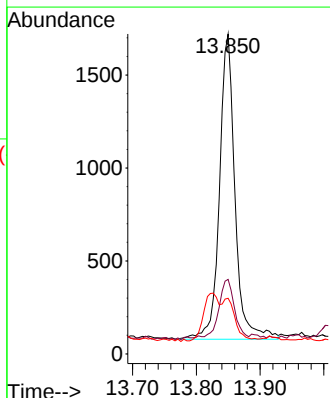
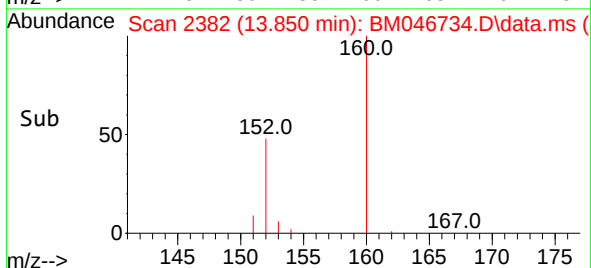
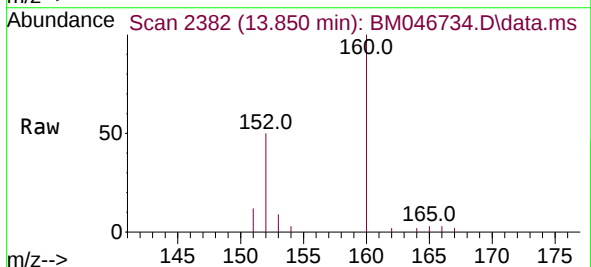
Manual Integrations
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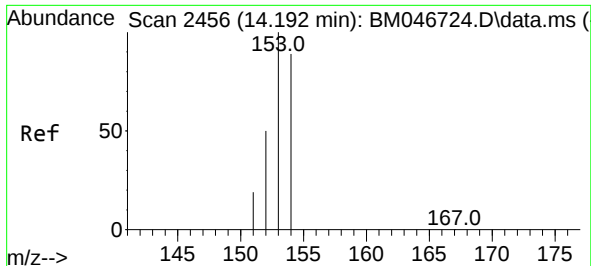
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#10
Acenaphthylene
Concen: 0.079 ng/ul
RT: 13.850 min Scan# 2382
Delta R.T. 0.001 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53

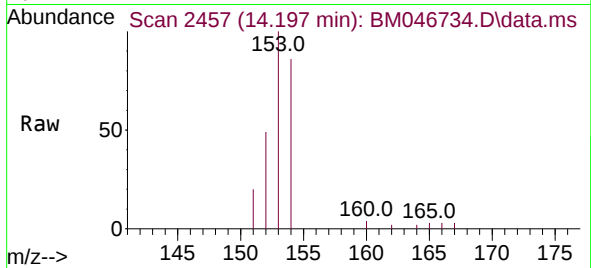
Tgt Ion:152 Resp: 2780
Ion Ratio Lower Upper
152 100
151 23.3 16.4 24.6
153 17.4 12.4 18.6





#11
Acenaphthene
Concen: 0.192 ng/ul
RT: 14.197 min Scan# 2456
Delta R.T. 0.001 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53

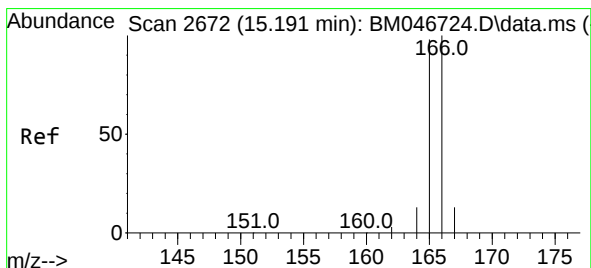
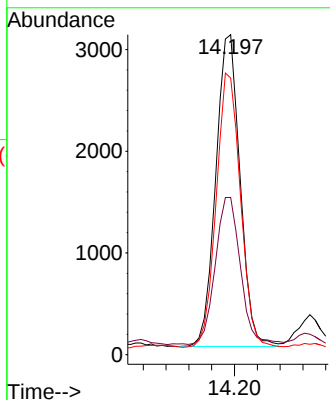
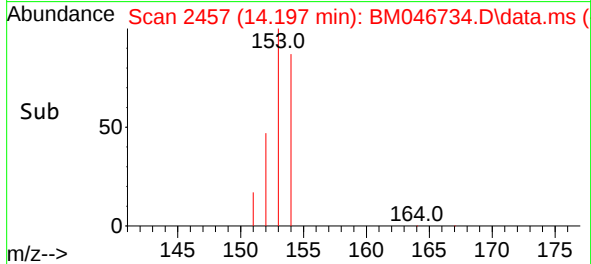
Instrument :
BNA_M
ClientSampleId :
A4CJ0



Tgt Ion:153 Resp: 4528
Ion Ratio Lower Upper
153 100
152 49.2 43.0 64.6
154 86.5 69.9 104.9

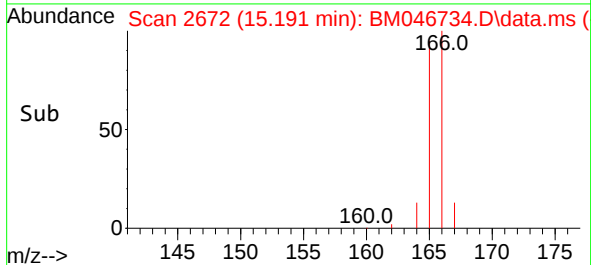
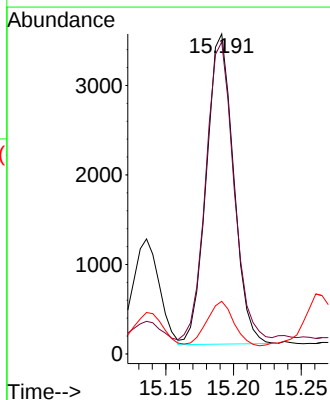
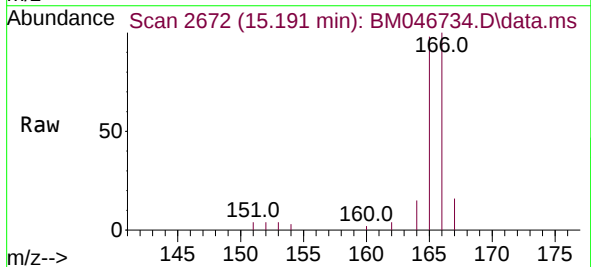
Manual Integrations
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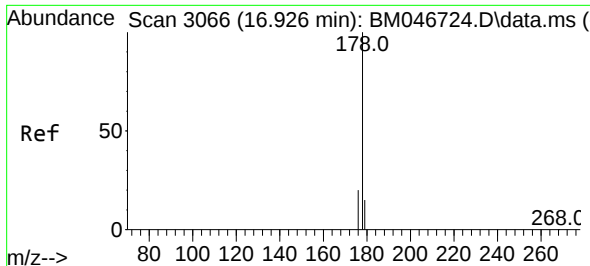
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#12
Fluorene
Concen: 0.166 ng/ul
RT: 15.191 min Scan# 2672
Delta R.T. 0.001 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53

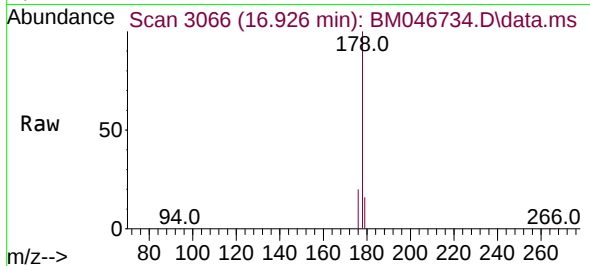
Tgt Ion:166 Resp: 4846
Ion Ratio Lower Upper
166 100
165 97.5 76.1 114.1
167 16.4 12.5 18.7





#15
Phenanthrene
Concen: 1.645 ng/u1
RT: 16.926 min Scan# 3066
Delta R.T. 0.001 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53

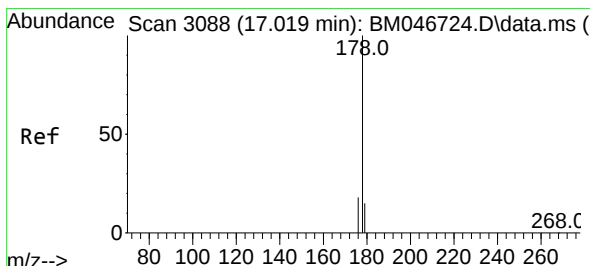
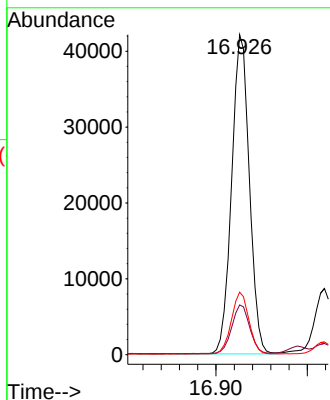
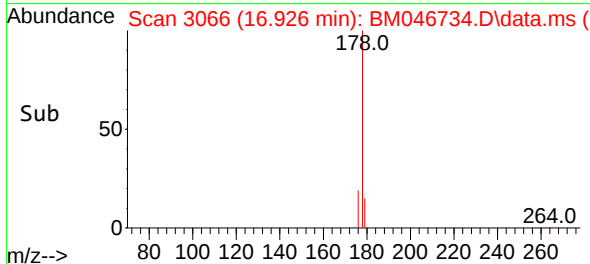
Instrument :
BNA_M
ClientSampleId :
A4CJ0



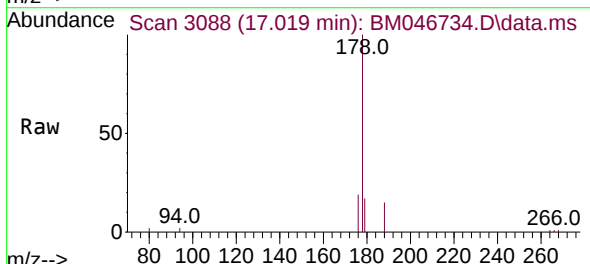
Tgt Ion:178 Resp: 5662
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 19.5 16.0 24.0

Manual Integrations
APPROVED

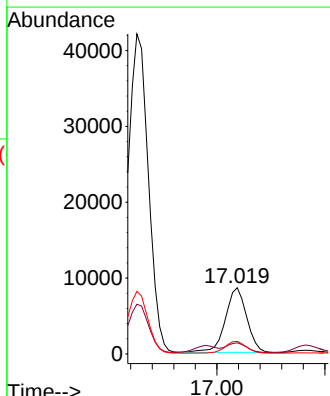
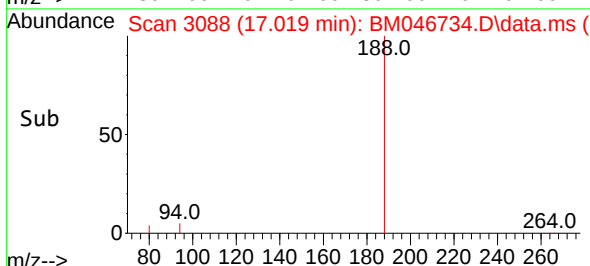
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

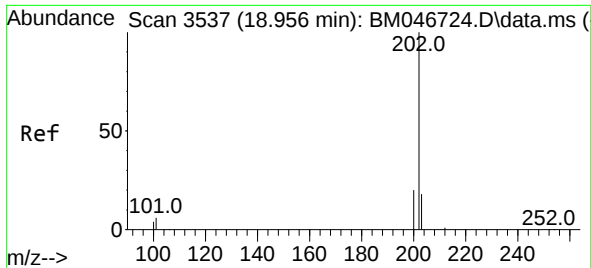


#16
Anthracene
Concen: 0.348 ng/u1
RT: 17.019 min Scan# 3088
Delta R.T. 0.001 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53



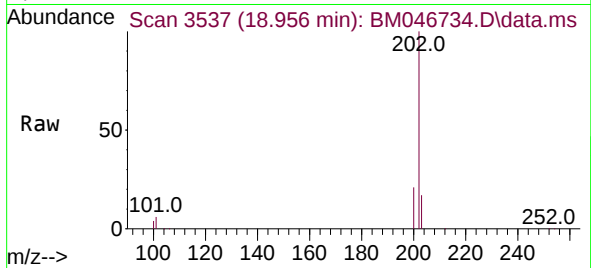
Tgt Ion:178 Resp: 11676
Ion Ratio Lower Upper
178 100
179 16.9 13.5 20.3
176 19.2 15.7 23.5





#19
Fluoranthene
Concen: 2.414 ng/u1
RT: 18.956 min Scan# 3537
Delta R.T. 0.001 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53

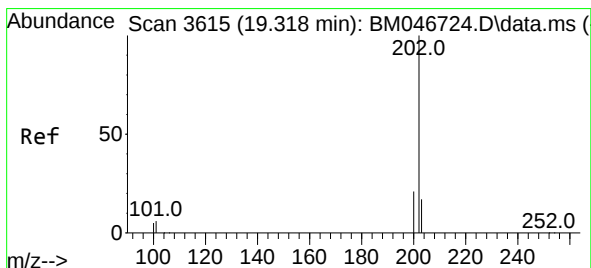
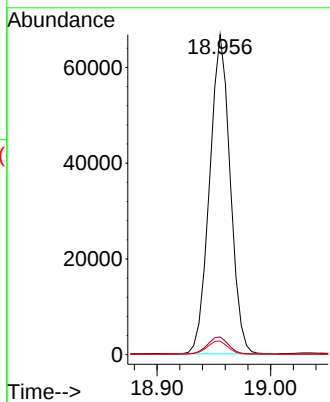
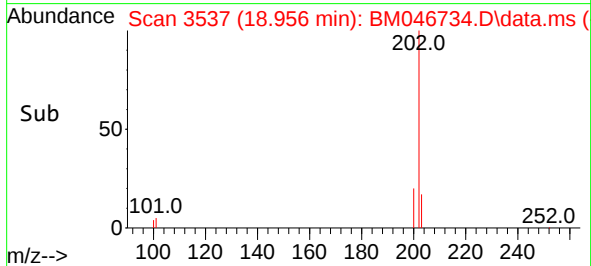
Instrument :
BNA_M
ClientSampleId :
A4CJ0



Tgt Ion:202 Resp: 83912
Ion Ratio Lower Upper
202 100
101 5.6 4.6 6.8
100 4.3 3.0 4.6

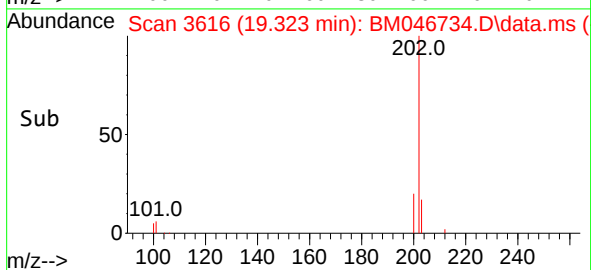
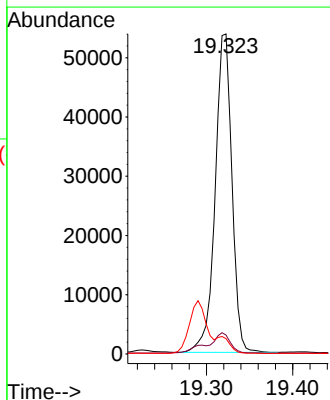
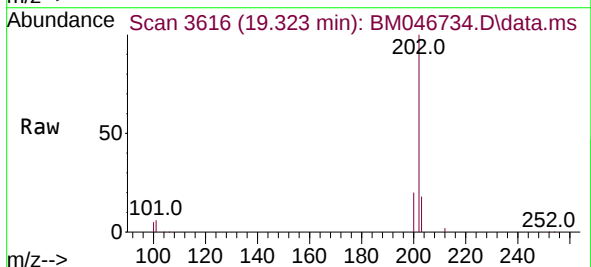
Manual Integrations
APPROVED

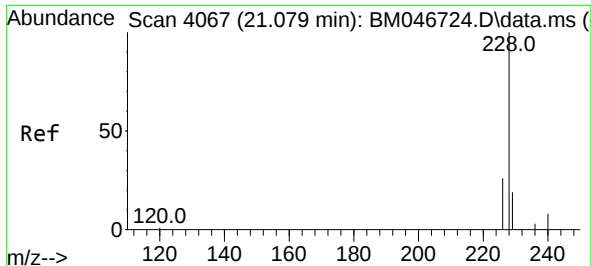
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#20
Pyrene
Concen: 1.930 ng/u1
RT: 19.323 min Scan# 3616
Delta R.T. 0.001 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53

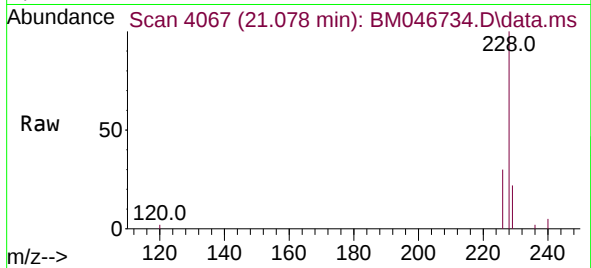
Tgt Ion:202 Resp: 72629
Ion Ratio Lower Upper
202 100
101 5.9 5.1 7.7
100 4.8 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.892 ng/ul
RT: 21.078 min Scan# 4067
Delta R.T. -0.001 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53

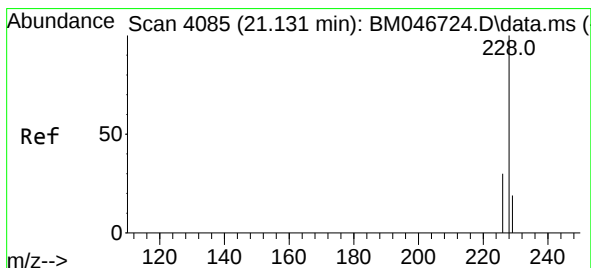
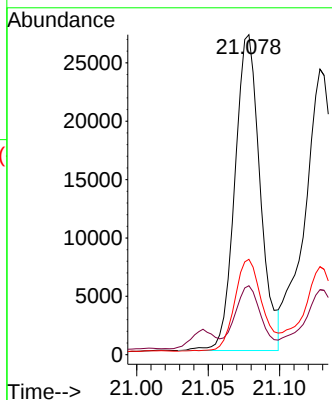
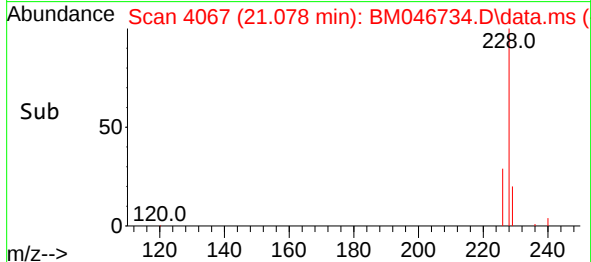
Instrument :
BNA_M
ClientSampleId :
A4CJ0



Tgt Ion:228 Resp: 3338
Ion Ratio Lower Upper
228 100
229 21.6 16.5 24.7
226 29.8 22.5 33.7

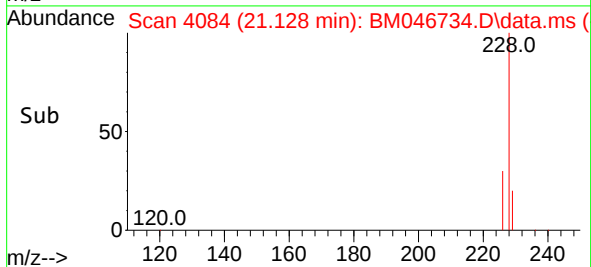
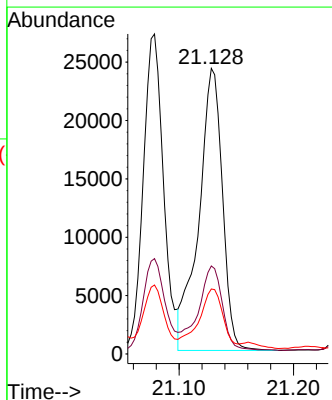
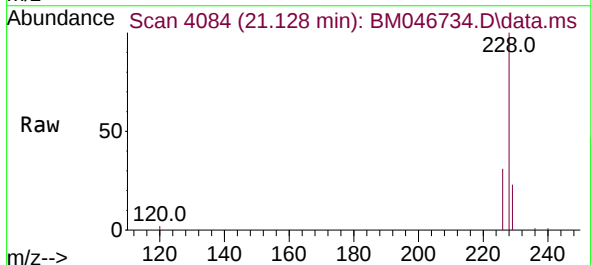
Manual Integrations
APPROVED

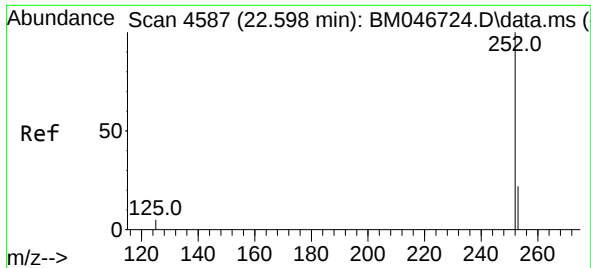
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#22
Chrysene
Concen: 0.957 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.004 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53

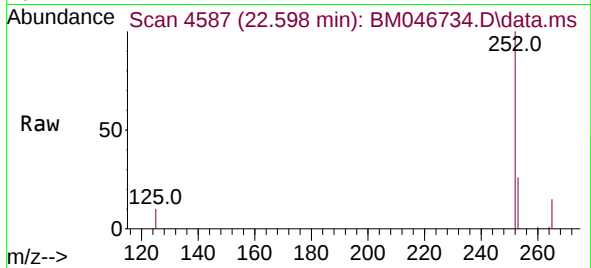
Tgt Ion:228 Resp: 34669
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.216 ng/ul m
RT: 22.598 min Scan# 4587
Delta R.T. -0.001 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53

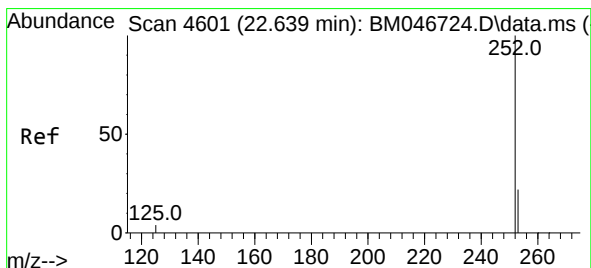
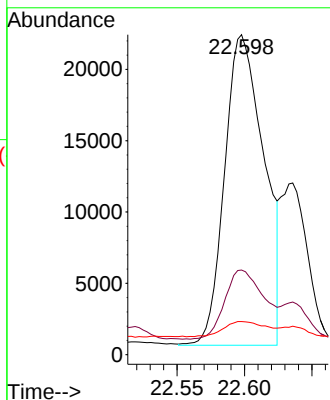
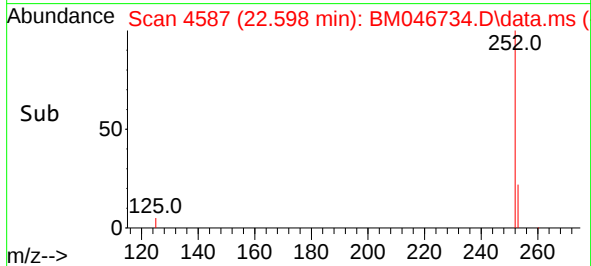
Instrument :
BNA_M
ClientSampleId :
A4CJ0



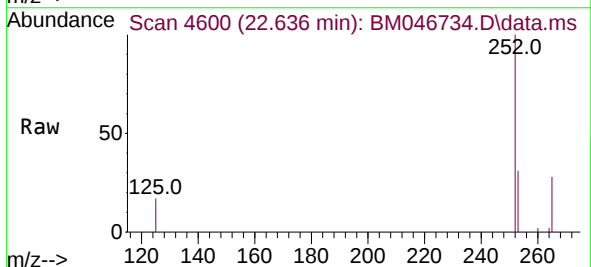
Tgt Ion:252 Resp: 44264
Ion Ratio Lower Upper
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253 26.5 0.0 56.2
125 10.3 0.0 17.8

Manual Integrations
APPROVED

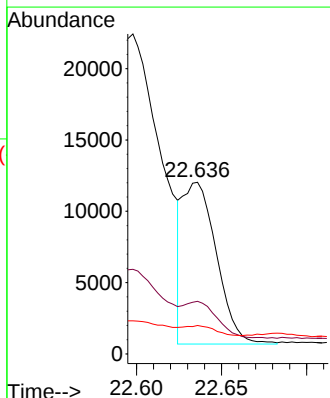
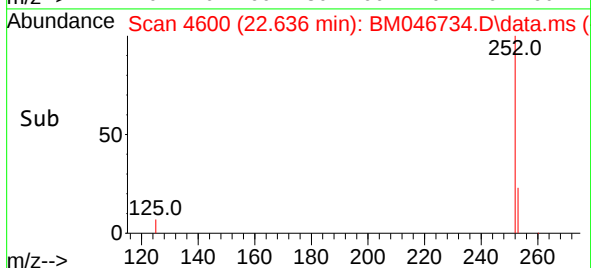
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

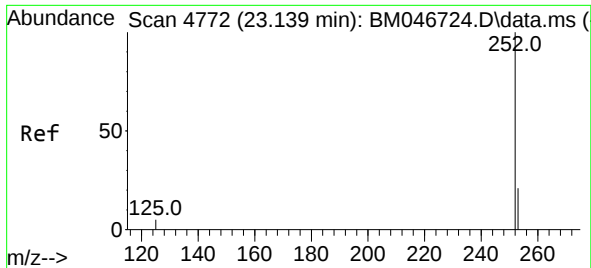


#25
Benzo(k)fluoranthene
Concen: 0.439 ng/ul m
RT: 22.636 min Scan# 4600
Delta R.T. -0.004 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53



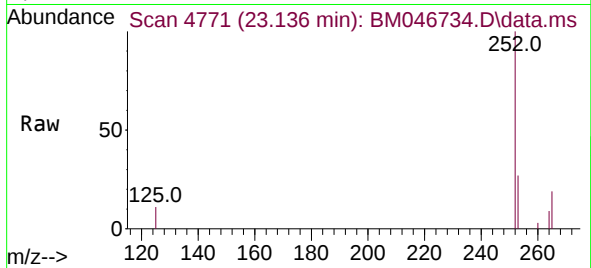
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Ion Ratio Lower Upper
252 100
253 30.7 22.4 33.6
125 16.6 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.994 ng/ul
RT: 23.136 min Scan# 4771
Delta R.T. -0.004 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53

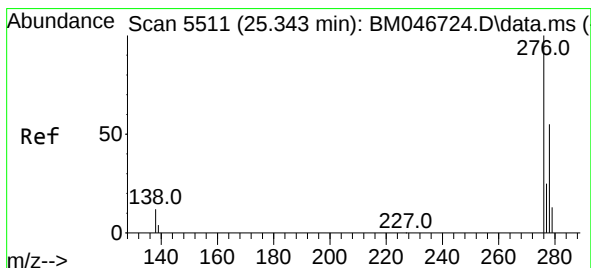
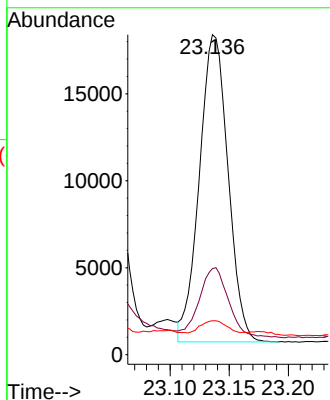
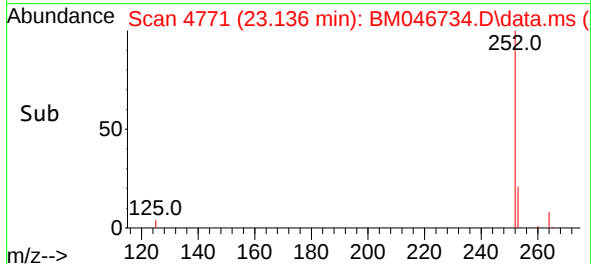
Instrument :
BNA_M
ClientSampleId :
A4CJ0



Tgt Ion:252 Resp: 2977
Ion Ratio Lower Upper
252 100
253 26.9 24.0 36.0
125 10.6 8.2 12.2

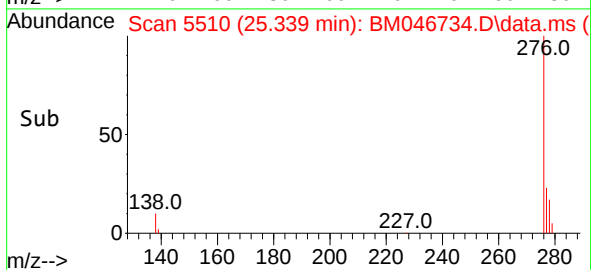
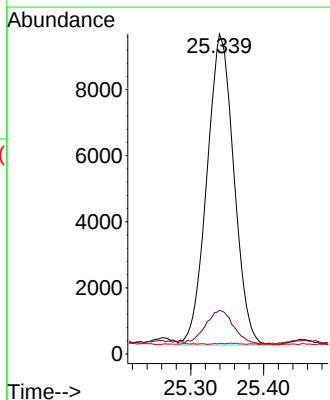
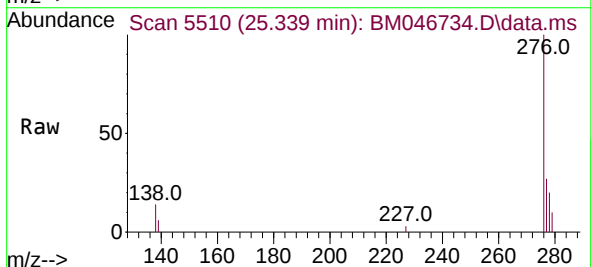
Manual Integrations
APPROVED

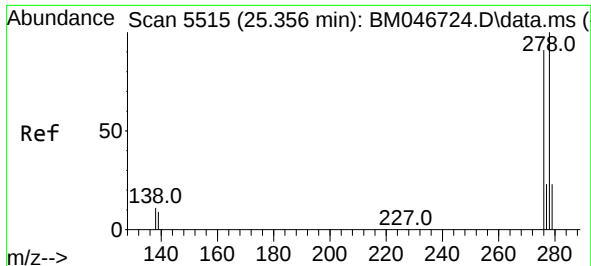
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.531 ng/ul
RT: 25.339 min Scan# 5510
Delta R.T. -0.007 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53

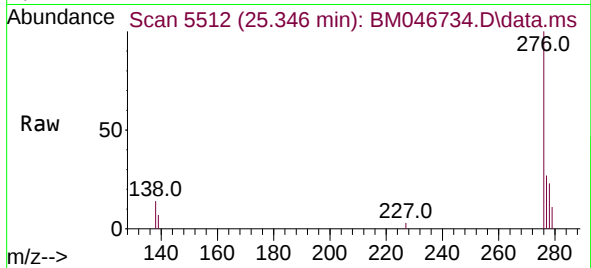
Tgt Ion:276 Resp: 24208
Ion Ratio Lower Upper
276 100
138 11.2 0.0 0.0#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.161 ng/ul
RT: 25.346 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53

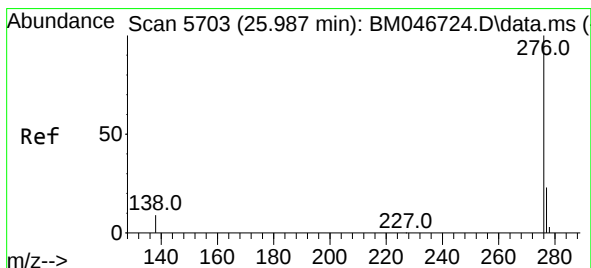
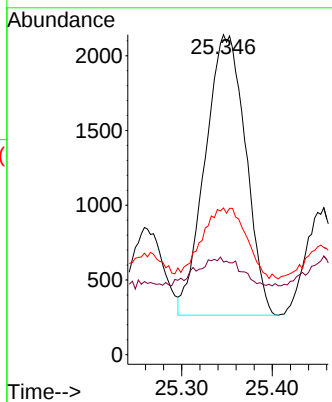
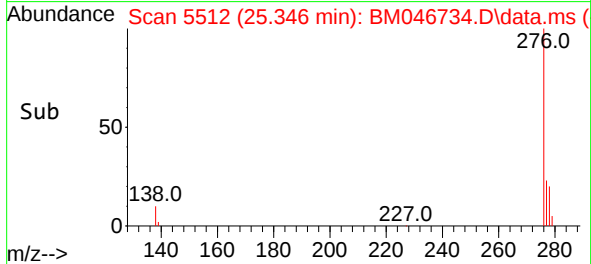
Instrument :
BNA_M
ClientSampleId :
A4CJ0



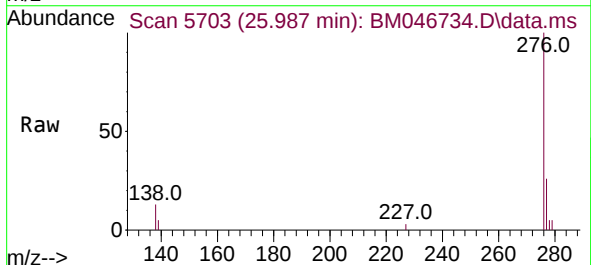
Tgt Ion:278 Resp: 5800
Ion Ratio Lower Upper
278 100
139 29.0 9.1 13.7
279 45.9 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#29
Benzo(g,h,i)perylene
Concen: 0.693 ng/ul
RT: 25.987 min Scan# 5703
Delta R.T. 0.003 min
Lab File: BM046734.D
Acq: 19 Jul 2024 19:53



Tgt Ion:276 Resp: 25211
Ion Ratio Lower Upper
276 100
138 13.4 10.2 15.4
277 26.4 20.9 31.3

