

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046732.D
 Acq On : 19 Jul 2024 18:39
 Operator : MA/JU
 Sample : P3201-25MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CK6MS

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 23:58:26 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	7.489	152	2907	0.400	ng/ul	0.00
4) Naphthalene-d8	10.243	136	8011	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.132	164	5194	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.888	188	11183	0.400	ng/ul	0.00
17) Chrysene-d12	21.096	240	8076	0.400	ng/ul	# 0.00
23) Perylene-d12	23.229	264	10256	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	840	0.352	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.844	152	3480	0.269	ng/ul	0.00
18) Fluoranthene-d10	18.928	212	8248	0.336	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.138	88	2045	0.802	ng/ul#	76
5) Naphthalene	10.293	128	22809	1.119	ng/ul	96
7) 2-Methylnaphthalene	11.921	142	10785	0.753	ng/ul	99
8) 1-Methylnaphthalene	12.146	142	7721	0.528	ng/ul	99
10) Acenaphthylene	13.850	152	9351	0.395	ng/ul	99
11) Acenaphthene	14.197	153	41989	2.651	ng/ul	96
12) Fluorene	15.191	166	44379	2.264	ng/ul	98
14) Pentachlorophenol	16.546	266	953	0.168	ng/ul	96
15) Phenanthrene	16.926	178	508274	15.927	ng/ul	98
16) Anthracene	17.019	178	119442	3.835	ng/ul	97
19) Fluoranthene	18.960	202	676518	20.394	ng/ul	99
20) Pyrene	19.323	202	457411	12.736	ng/ul	99
21) Benzo(a)anthracene	21.081	228	298593	8.358	ng/ul	100
22) Chrysene	21.131	228	264290	7.645	ng/ul	98
24) Benzo(b)fluoranthene	22.601	252	341966m	8.348	ng/ul	
25) Benzo(k)fluoranthene	22.639	252	133489m	3.319	ng/ul	
26) Benzo(a)pyrene	23.136	252	140818m	4.177	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.343	276	128955	2.513	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.353	278	52511	1.293	ng/ul	100
29) Benzo(g,h,i)perylene	25.983	276	19733	0.482	ng/ul#	91

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

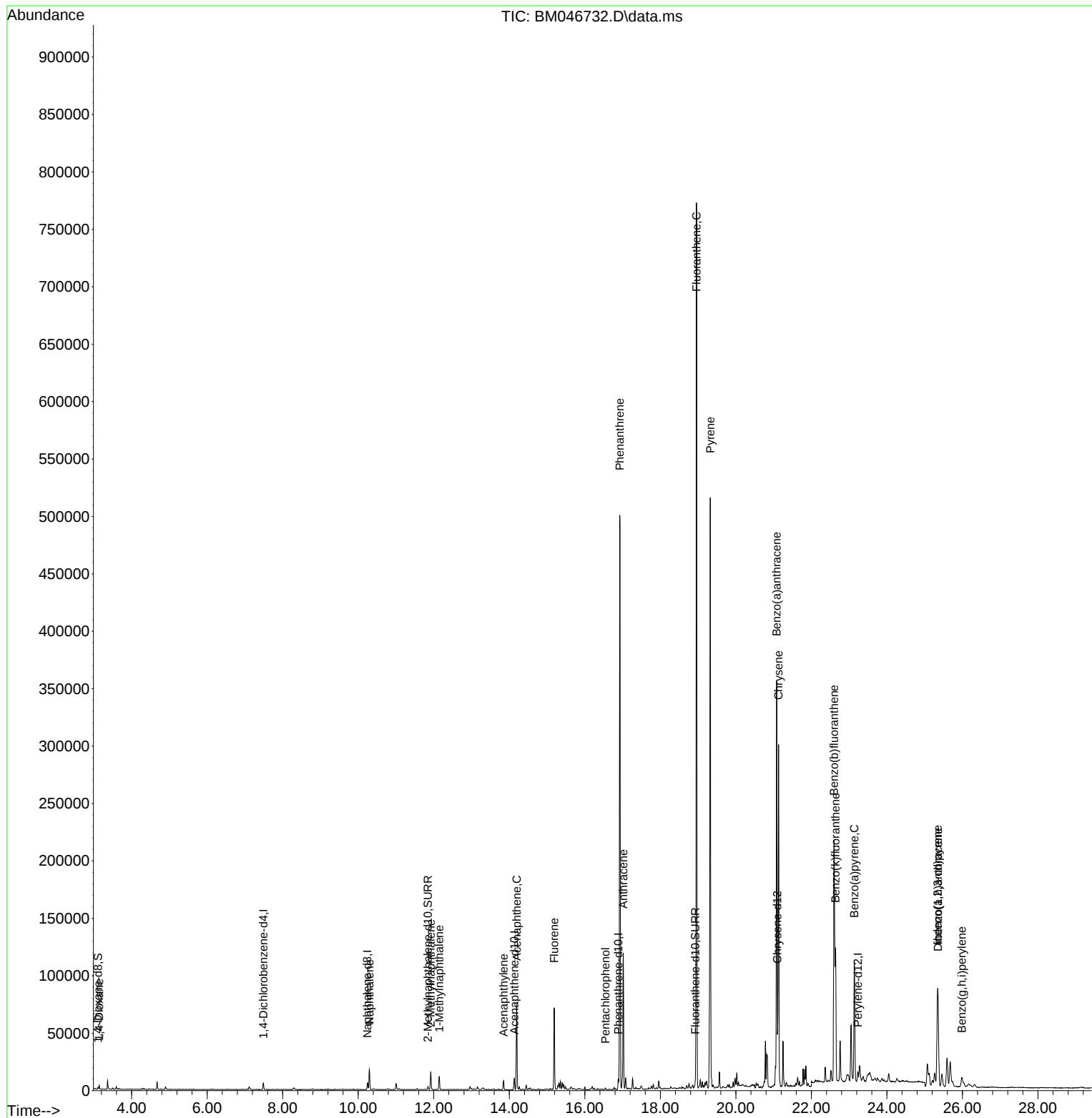
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046732.D
Acq On : 19 Jul 2024 18:39
Operator : MA/JU
Sample : P3201-25MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

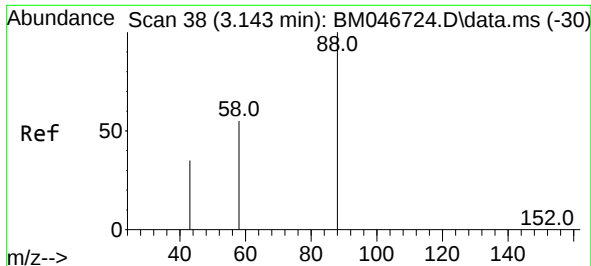
Instrument :
BNA_M
ClientSampleId :
A4CK6MS

Manual Integrations
APPROVED

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

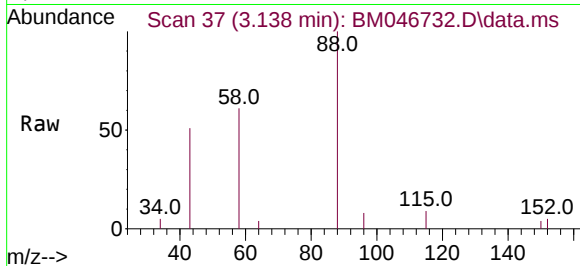
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.802 ng/ul
RT: 3.138 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

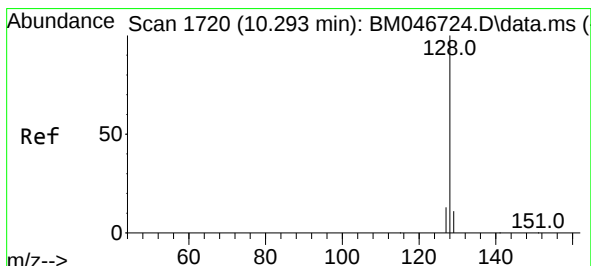
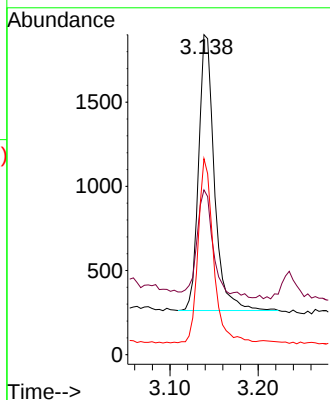
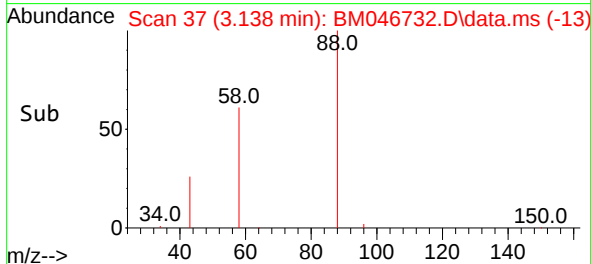
Instrument :
BNA_M
ClientSampleId :
A4CK6MS



Tgt Ion: 88 Resp: 2045
Ion Ratio Lower Upper
88 100
43 51.5 70.2 105.4
58 61.2 48.2 72.4

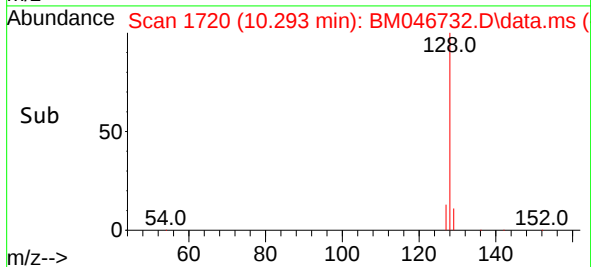
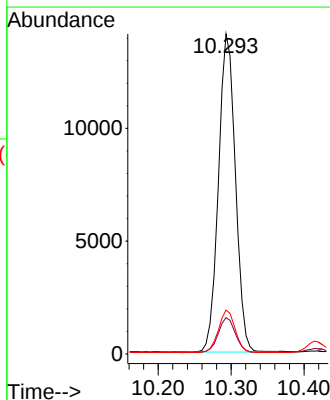
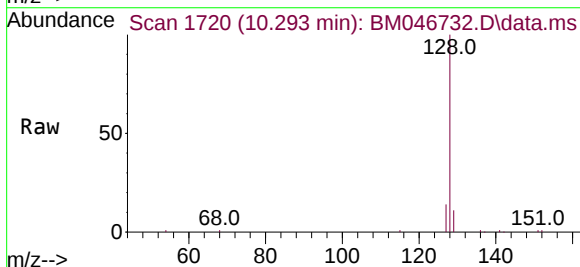
Manual Integrations
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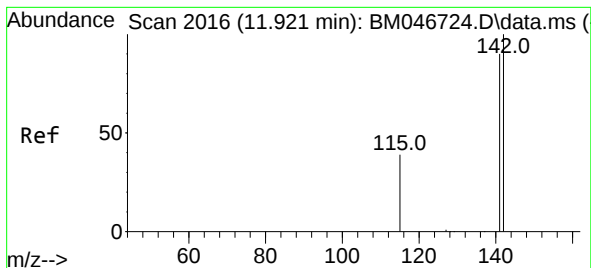
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#5
Naphthalene
Concen: 1.119 ng/ul
RT: 10.293 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

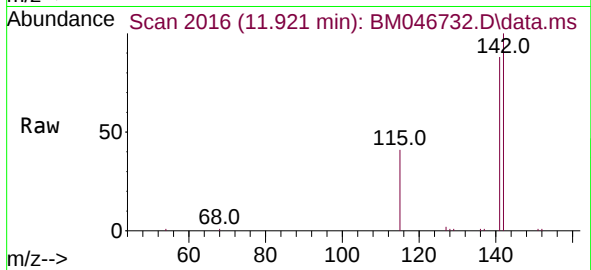
Tgt Ion:128 Resp: 22809
Ion Ratio Lower Upper
128 100
129 11.4 10.3 15.5
127 13.7 12.2 18.4





#7
2-Methylnaphthalene
Concen: 0.753 ng/ul
RT: 11.921 min Scan# 2016
Delta R.T. 0.001 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

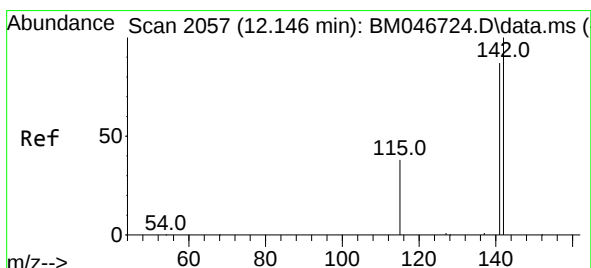
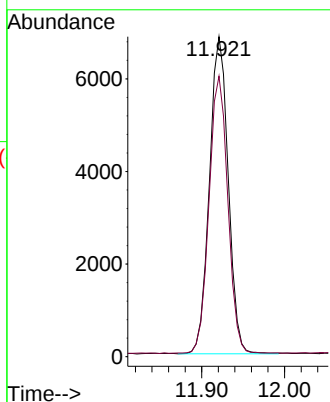
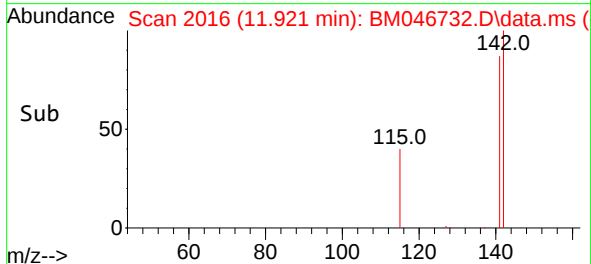
Instrument :
BNA_M
ClientSampleId :
A4CK6MS



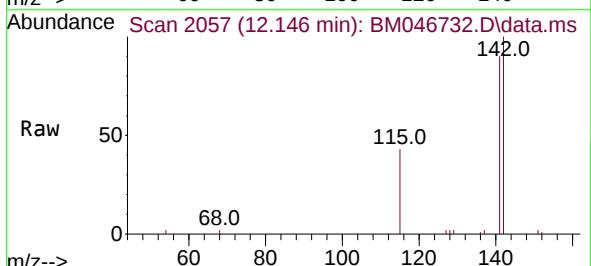
Tgt Ion:142 Resp: 10785
Ion Ratio Lower Upper
142 100
141 87.2 70.3 105.5

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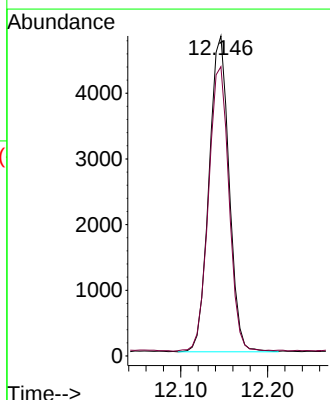
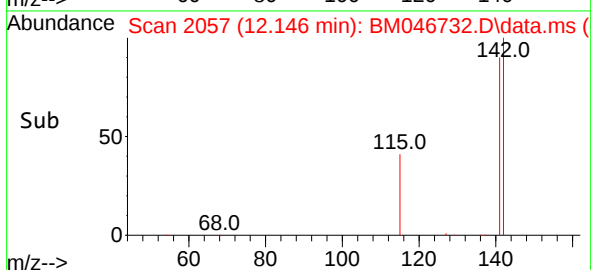
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

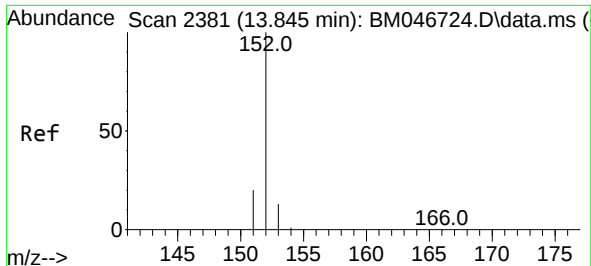


#8
1-Methylnaphthalene
Concen: 0.528 ng/ul
RT: 12.146 min Scan# 2057
Delta R.T. 0.001 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39



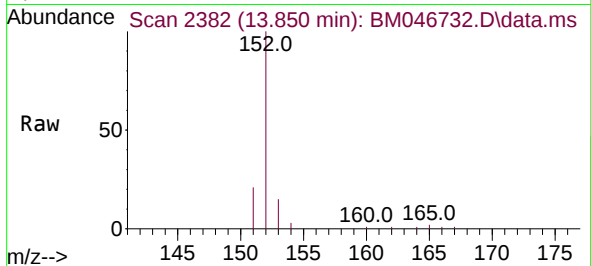
Tgt Ion:142 Resp: 7721
Ion Ratio Lower Upper
142 100
141 91.6 73.9 110.9





#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 13.850 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

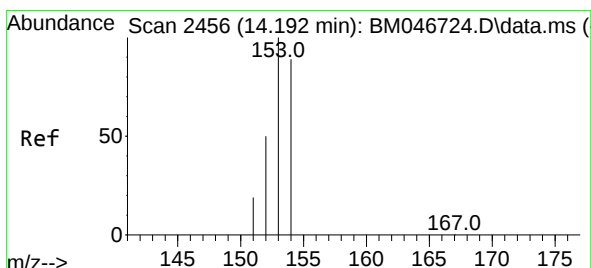
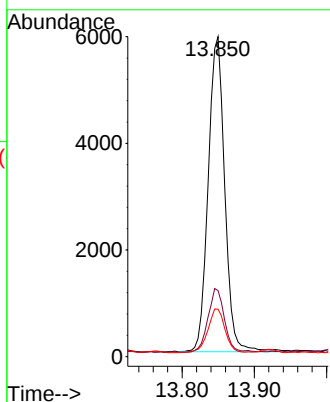
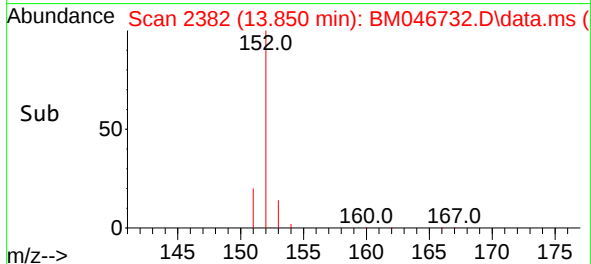
Instrument :
BNA_M
ClientSampleId :
A4CK6MS



Tgt Ion:152 Resp: 935
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 14.8 12.4 18.6

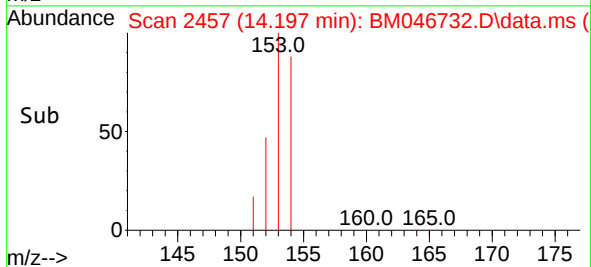
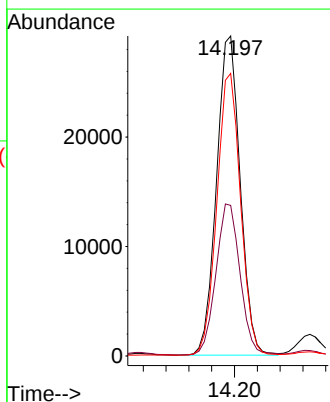
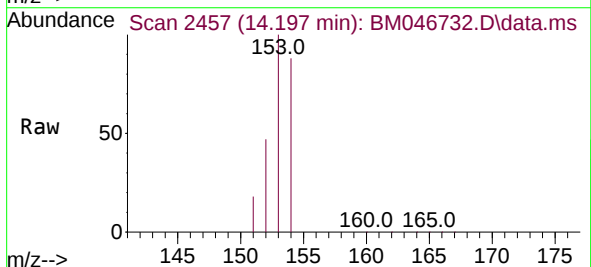
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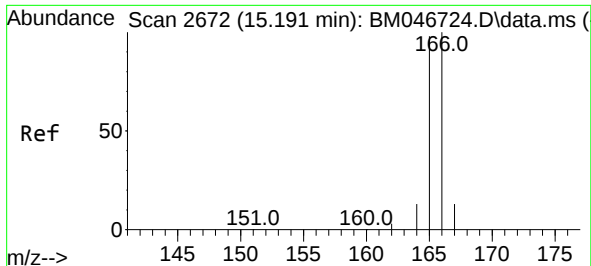
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#11
Acenaphthene
Concen: 2.651 ng/ul
RT: 14.197 min Scan# 2457
Delta R.T. 0.001 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

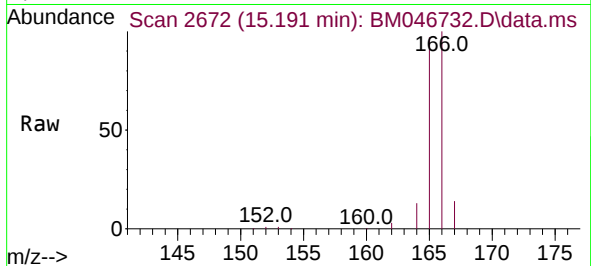
Tgt Ion:153 Resp: 41989
Ion Ratio Lower Upper
153 100
152 47.1 43.0 64.6
154 88.3 69.9 104.9





#12
Fluorene
Concen: 2.264 ng/ul
RT: 15.191 min Scan# 2672
Delta R.T. 0.001 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

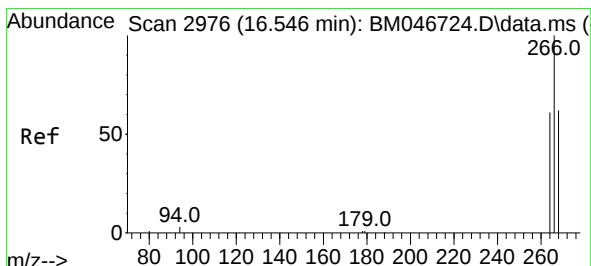
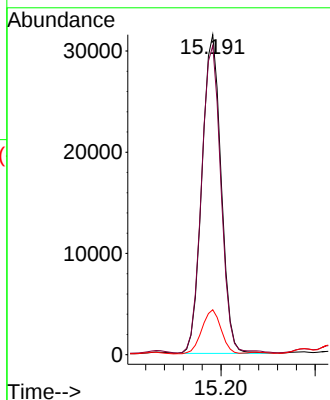
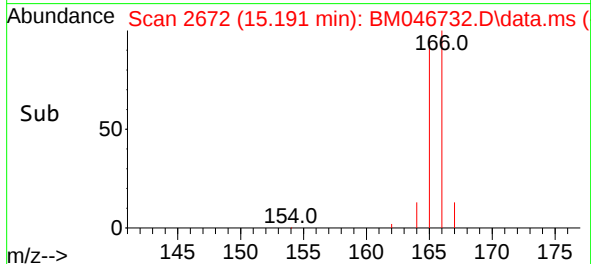
Instrument :
BNA_M
ClientSampleId :
A4CK6MS



Tgt Ion:166 Resp: 44379
Ion Ratio Lower Upper
166 100
165 96.5 76.1 114.1
167 14.0 12.5 18.7

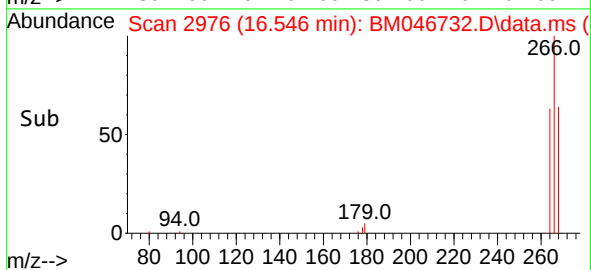
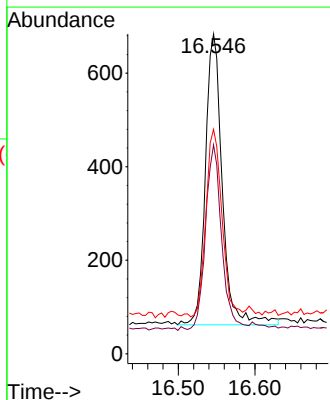
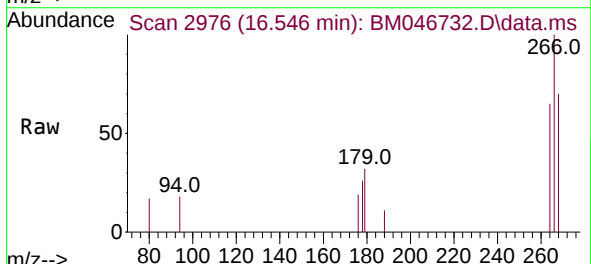
Manual Integrations
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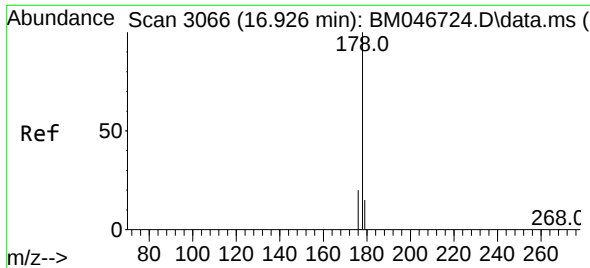
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#14
Pentachlorophenol
Concen: 0.168 ng/ul
RT: 16.546 min Scan# 2976
Delta R.T. 0.001 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

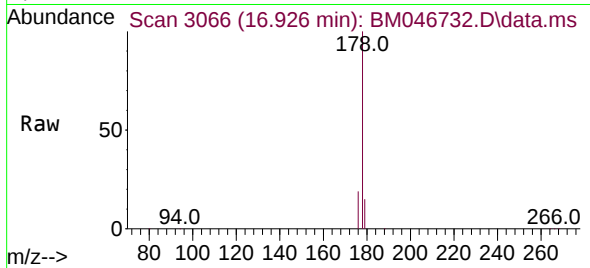
Tgt Ion:266 Resp: 953
Ion Ratio Lower Upper
266 100
264 60.2 50.1 75.1
268 61.1 52.5 78.7





#15
Phenanthrene
Concen: 15.927 ng/ul
RT: 16.926 min Scan# 3066
Delta R.T. 0.001 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

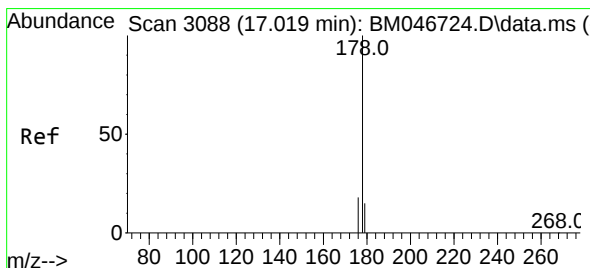
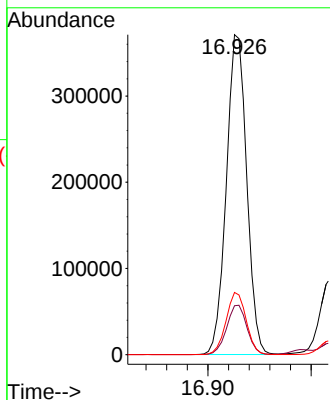
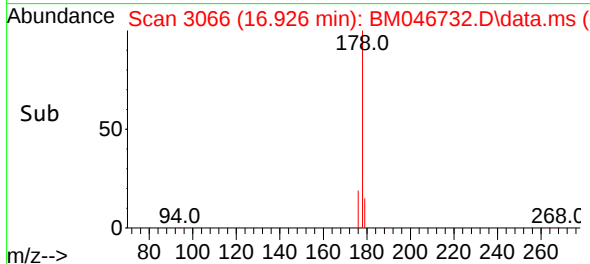
Instrument :
BNA_M
ClientSampleId :
A4CK6MS



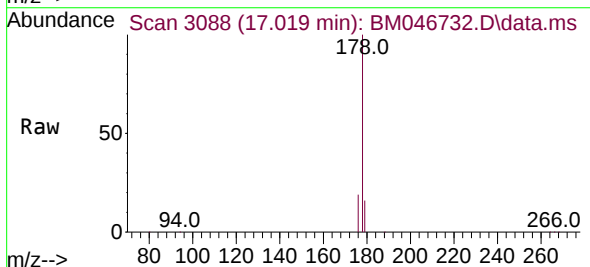
Tgt Ion:178 Resp: 508274
Ion Ratio Lower Upper
178 100
179 15.3 13.1 19.7
176 19.5 16.0 24.0

Manual Integrations
APPROVED

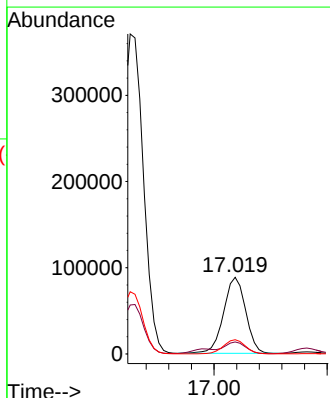
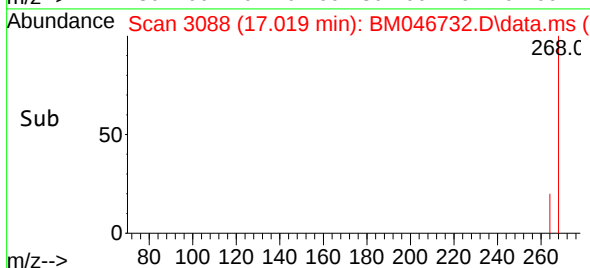
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

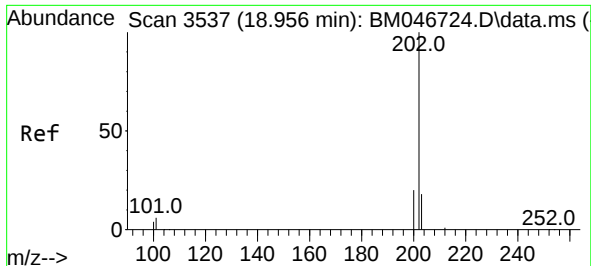


#16
Anthracene
Concen: 3.835 ng/ul
RT: 17.019 min Scan# 3088
Delta R.T. 0.001 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39



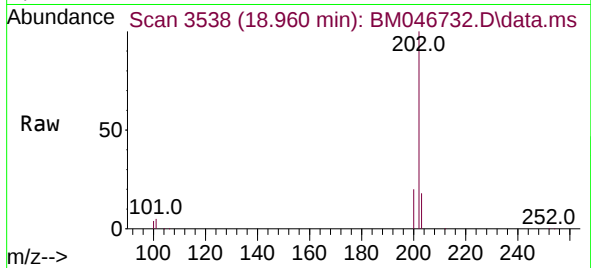
Tgt Ion:178 Resp: 119442
Ion Ratio Lower Upper
178 100
179 15.6 13.5 20.3
176 18.7 15.7 23.5





#19
Fluoranthene
Concen: 20.394 ng/u1
RT: 18.960 min Scan# 3538
Delta R.T. 0.006 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

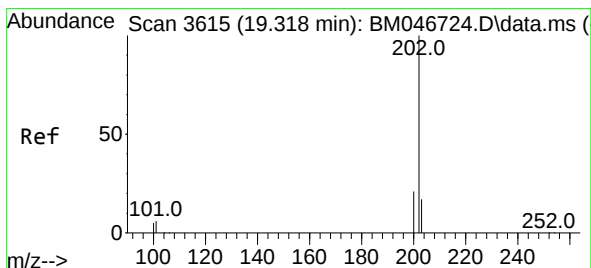
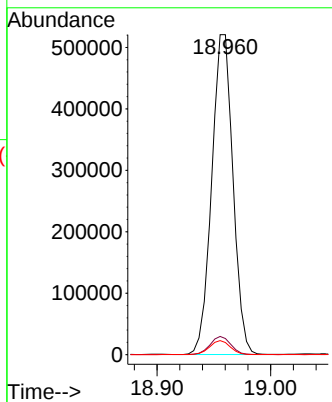
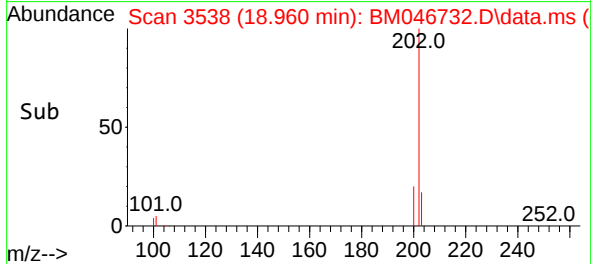
Instrument :
BNA_M
ClientSampleId :
A4CK6MS



Tgt Ion:202 Resp: 676518
Ion Ratio Lower Upper
202 100
101 5.1 4.6 6.8
100 3.8 3.0 4.6

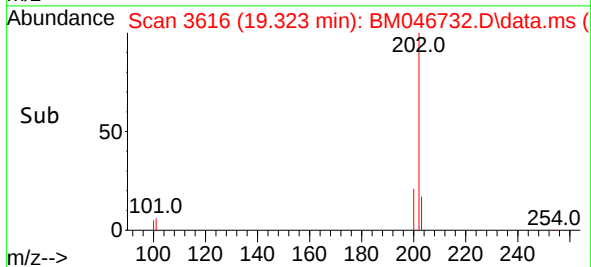
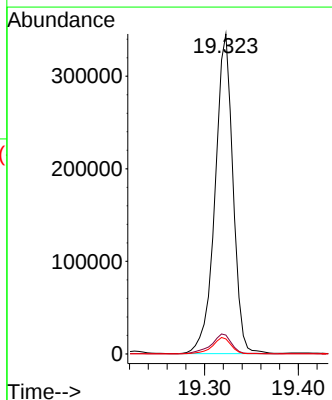
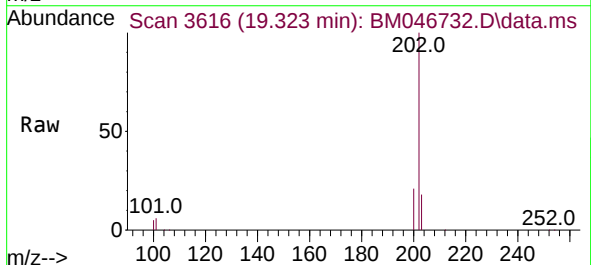
Manual Integrations
APPROVED

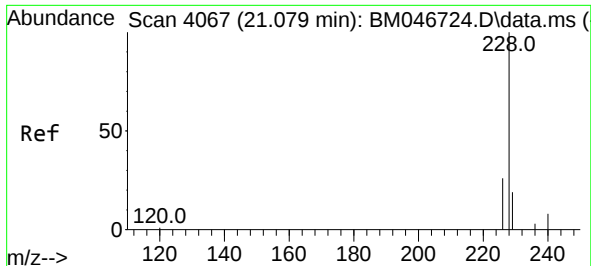
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#20
Pyrene
Concen: 12.736 ng/u1
RT: 19.323 min Scan# 3616
Delta R.T. 0.001 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

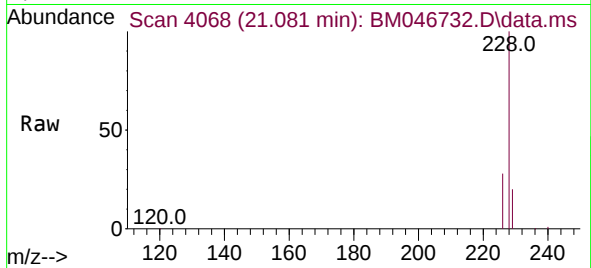
Tgt Ion:202 Resp: 457411
Ion Ratio Lower Upper
202 100
101 5.9 5.1 7.7
100 4.7 3.8 5.6





#21
Benzo(a)anthracene
Concen: 8.358 ng/u1
RT: 21.081 min Scan# 4067
Delta R.T. 0.002 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

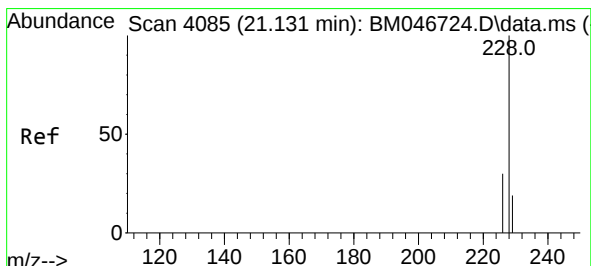
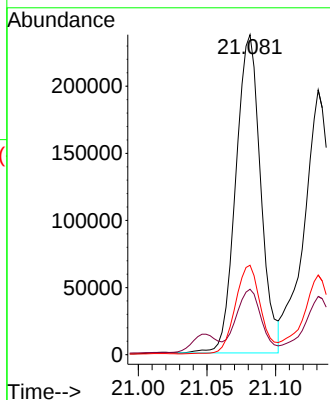
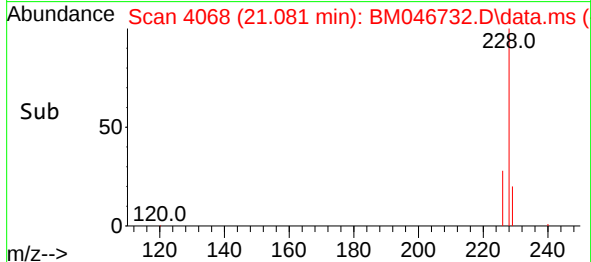
Instrument :
BNA_M
ClientSampleId :
A4CK6MS



Tgt Ion:228 Resp: 29859
Ion Ratio Lower Upper
228 100
229 20.5 16.5 24.7
226 28.0 22.5 33.7

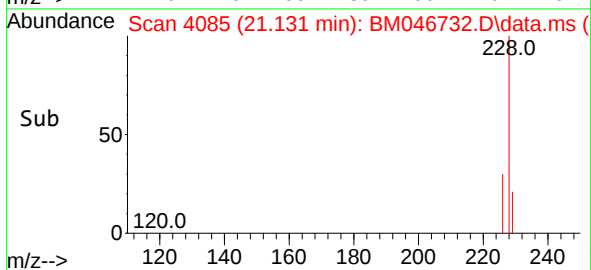
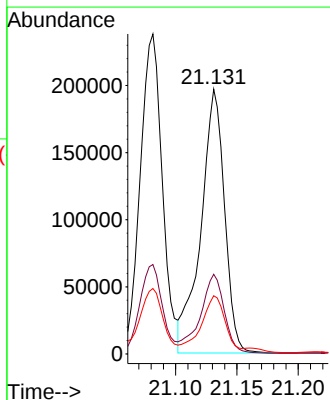
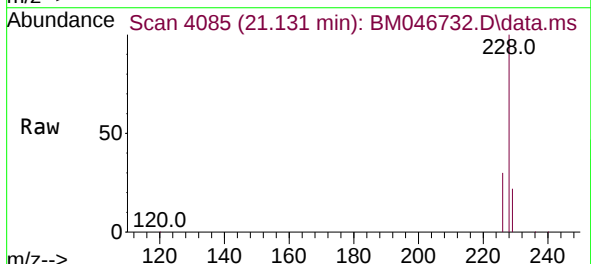
Manual Integrations
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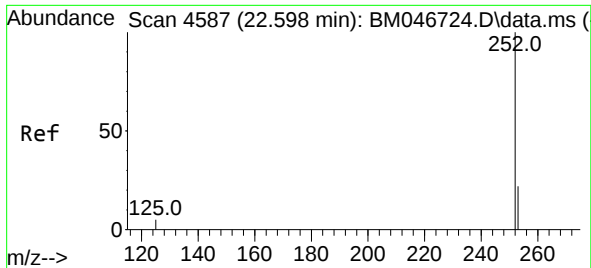
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#22
Chrysene
Concen: 7.645 ng/u1
RT: 21.131 min Scan# 4085
Delta R.T. -0.001 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

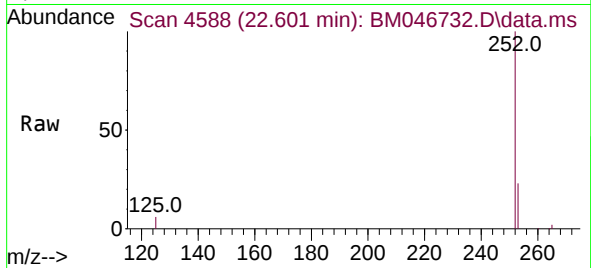
Tgt Ion:228 Resp: 264290
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 22.0 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 8.348 ng/ul m
RT: 22.601 min Scan# 4588
Delta R.T. 0.002 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

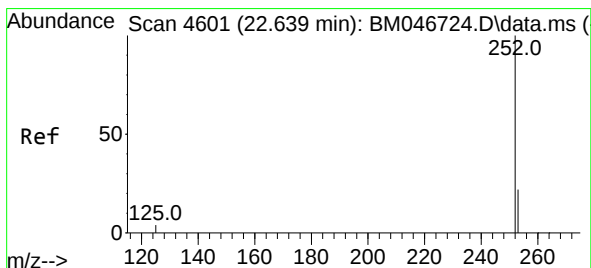
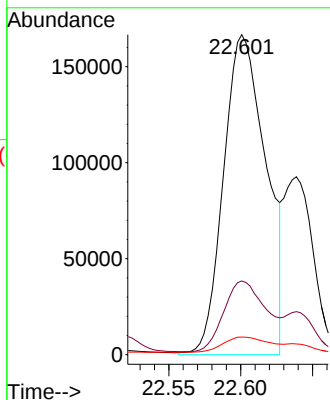
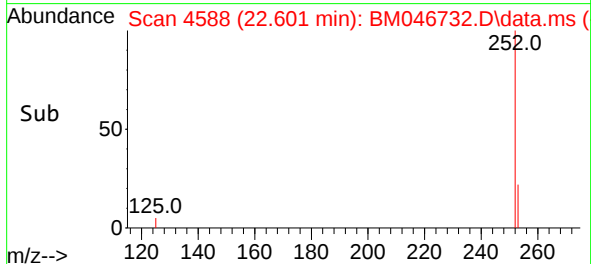
Instrument :
BNA_M
ClientSampleId :
A4CK6MS



Tgt Ion:252 Resp: 341960
Ion Ratio Lower Upper
252 100
253 23.1 0.0 56.2
125 5.5 0.0 17.8

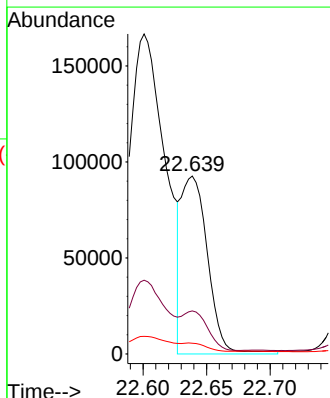
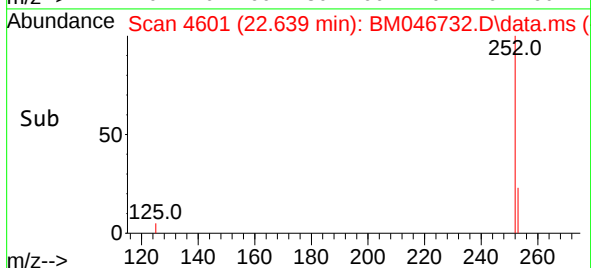
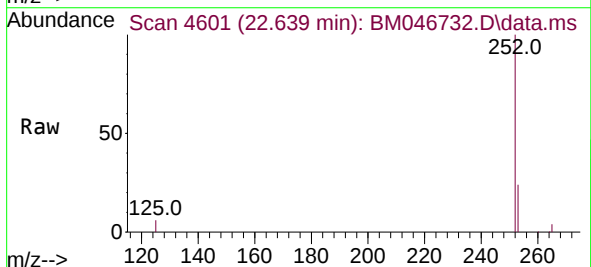
Manual Integrations
APPROVED

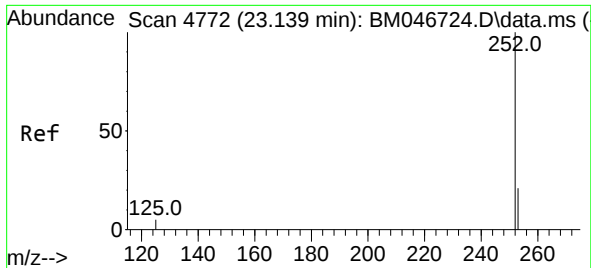
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#25
Benzo(k)fluoranthene
Concen: 3.319 ng/ul m
RT: 22.639 min Scan# 4601
Delta R.T. -0.001 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

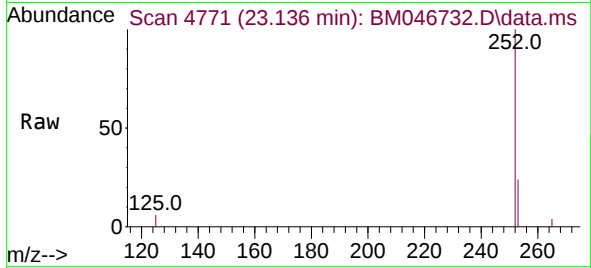
Tgt Ion:252 Resp: 133489
Ion Ratio Lower Upper
252 100
253 24.2 22.4 33.6
125 6.1 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 4.177 ng/ul m
RT: 23.136 min Scan# 4771
Delta R.T. -0.004 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

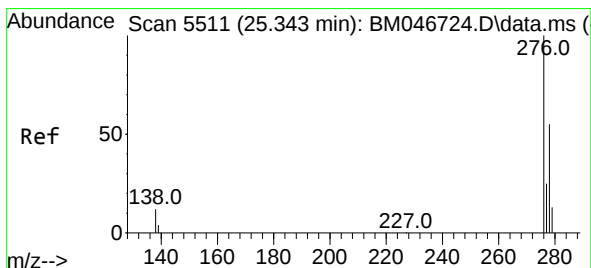
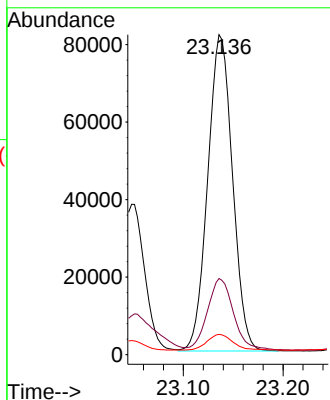
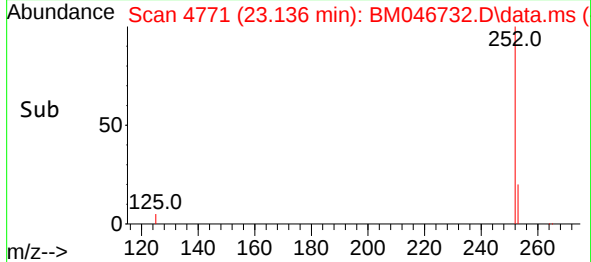
Instrument :
BNA_M
ClientSampleId :
A4CK6MS



Tgt Ion:252 Resp: 140818
Ion Ratio Lower Upper
252 100
253 23.8 24.0 36.0
125 6.4 8.2 12.2

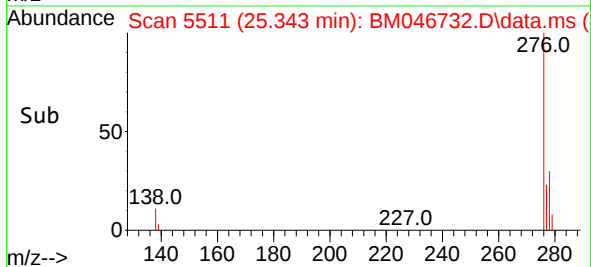
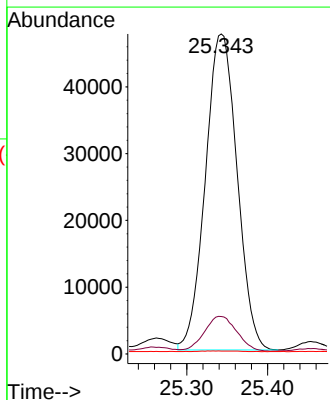
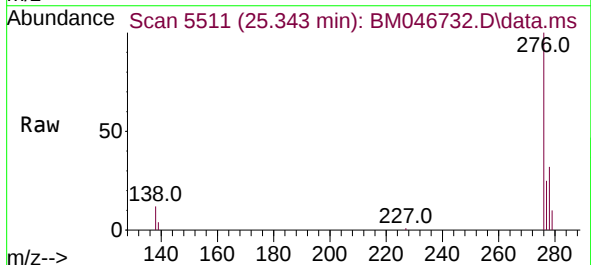
Manual Integrations
APPROVED

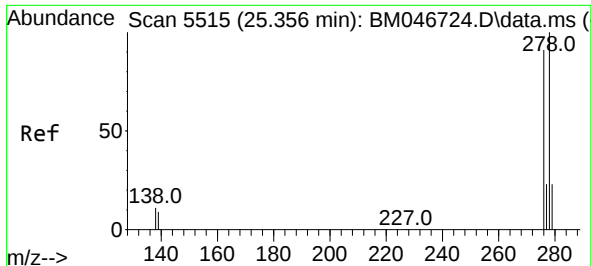
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.513 ng/ul
RT: 25.343 min Scan# 5511
Delta R.T. -0.004 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

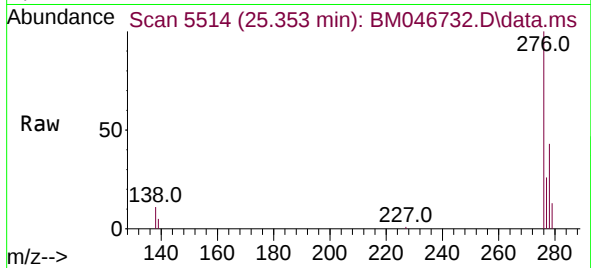
Tgt Ion:276 Resp: 128955
Ion Ratio Lower Upper
276 100
138 11.3 0.0 0.0
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.293 ng/ul
RT: 25.353 min Scan# 5515
Delta R.T. -0.007 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39

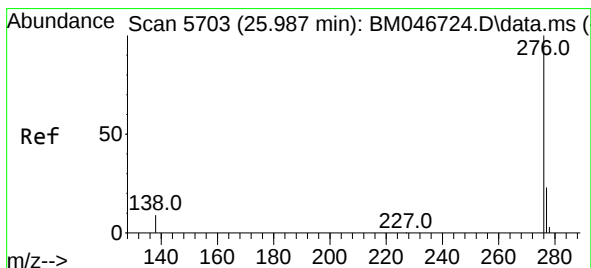
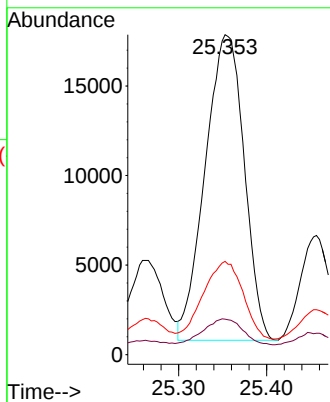
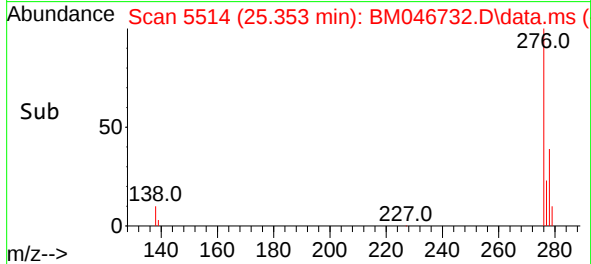
Instrument :
BNA_M
ClientSampleId :
A4CK6MS



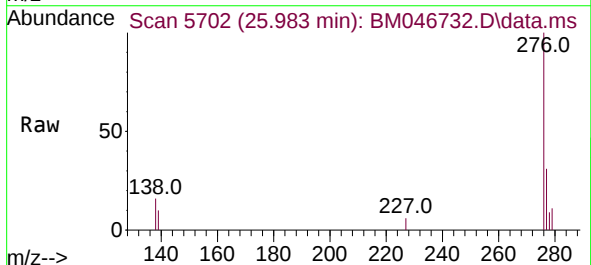
Tgt Ion:278 Resp: 5251
Ion Ratio Lower Upper
278 100
139 11.1 9.1 13.7
279 29.1 23.2 34.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.482 ng/ul
RT: 25.983 min Scan# 5702
Delta R.T. -0.001 min
Lab File: BM046732.D
Acq: 19 Jul 2024 18:39



Tgt Ion:276 Resp: 19733
Ion Ratio Lower Upper
276 100
138 16.5 10.2 15.4#
277 30.6 20.9 31.3

