

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046728.D
 Acq On : 19 Jul 2024 16:12
 Operator : MA/JU
 Sample : P3201-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BY9

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 18:51:24 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	2977	0.400	ng/ul	0.00
4) Naphthalene-d8	10.248	136	9719	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.131	164	5052	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.887	188	10167	0.400	ng/ul	0.00
17) Chrysene-d12	21.096	240	6974	0.400	ng/ul	# 0.00
23) Perylene-d12	23.230	264	8823	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	5481	2.241	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.843	152	2459	0.157	ng/ul	0.00
18) Fluoranthene-d10	18.926	212	4716	0.222	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.292	128	7379	0.298	ng/ul	98
7) 2-Methylnaphthalene	11.920	142	3129	0.180	ng/ul	99
8) 1-Methylnaphthalene	12.145	142	2451	0.138	ng/ul	99
10) Acenaphthylene	13.848	152	14411	0.627	ng/ul	99
11) Acenaphthene	14.195	153	11215	0.728	ng/ul	96
12) Fluorene	15.190	166	13531	0.710	ng/ul	98
14) Pentachlorophenol	16.540	266	118	0.023	ng/ul	94
15) Phenanthrene	16.929	178	287917	9.924	ng/ul	98
16) Anthracene	17.017	178	48897	1.727	ng/ul	98
19) Fluoranthene	18.954	202	605258	21.129	ng/ul	99
20) Pyrene	19.321	202	314563	10.143	ng/ul	99
21) Benzo(a)anthracene	21.079	228	247539	8.023	ng/ul	98
22) Chrysene	21.129	228	266364	8.923	ng/ul	99
24) Benzo(b)fluoranthene	22.601	252	387079m	10.984	ng/ul	
25) Benzo(k)fluoranthene	22.636	252	134347m	3.883	ng/ul	
26) Benzo(a)pyrene	23.139	252	96097m	3.313	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.340	276	112389	2.546	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.353	278	47774	1.367	ng/ul	100
29) Benzo(g,h,i)perylene	25.984	276	16211	0.460	ng/ul#	92

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

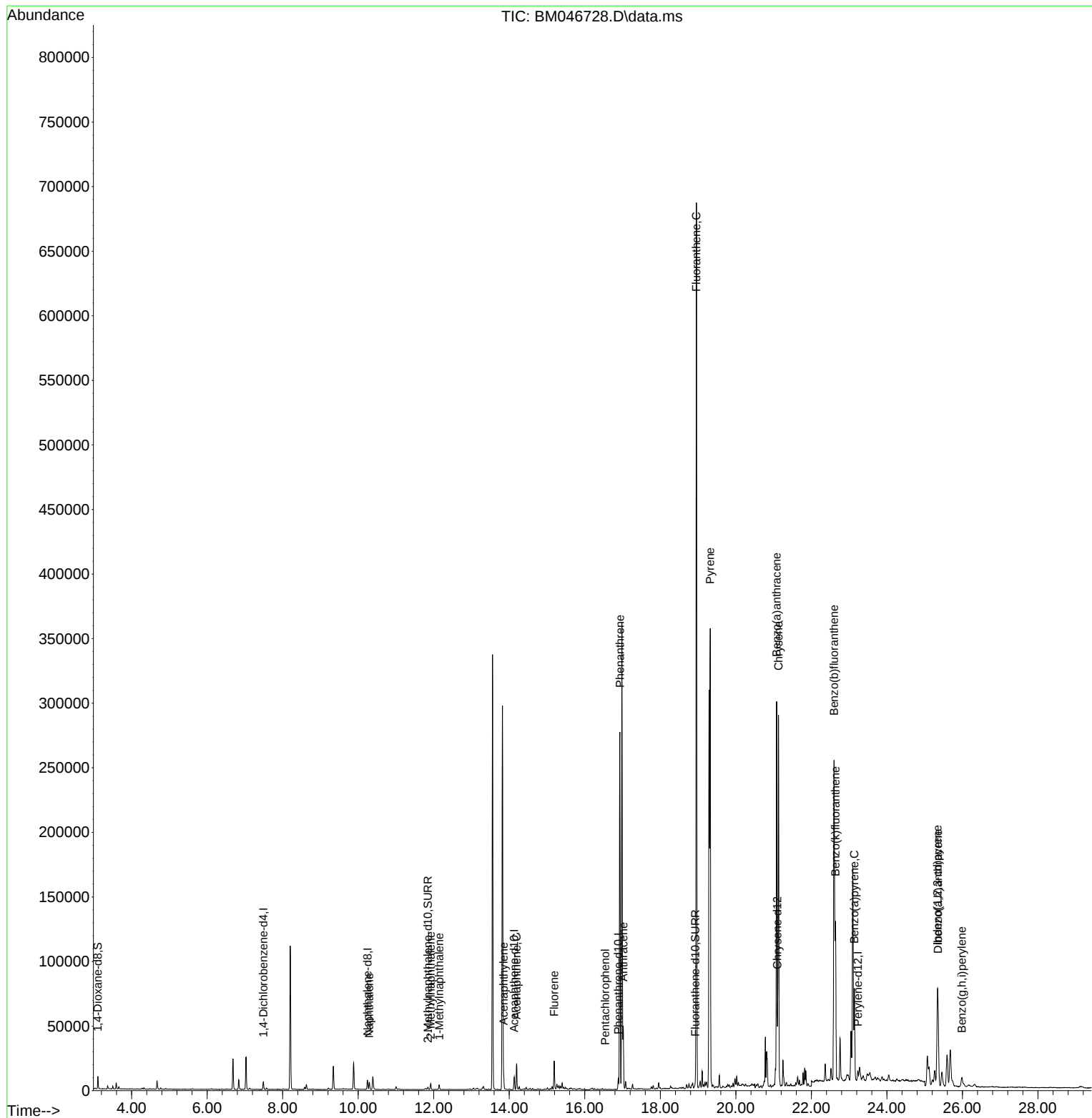
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046728.D
Acq On : 19 Jul 2024 16:12
Operator : MA/JU
Sample : P3201-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

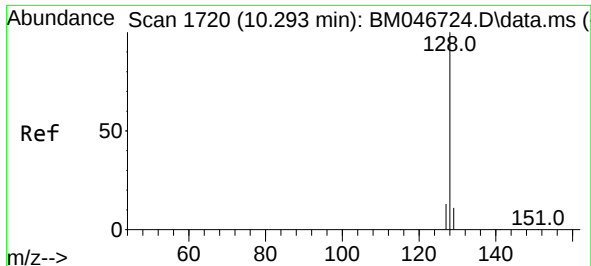
Instrument :
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ClientSampleId :
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Supervised By :mohammad ahmed 07/20/2024

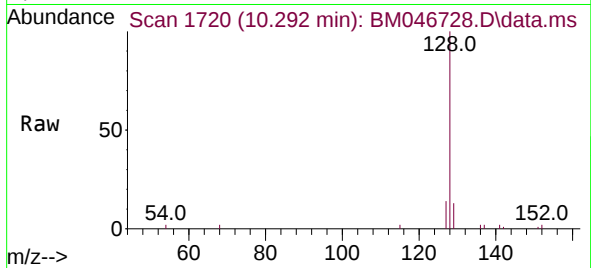
Quant Time: Jul 19 18:51:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.298 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12

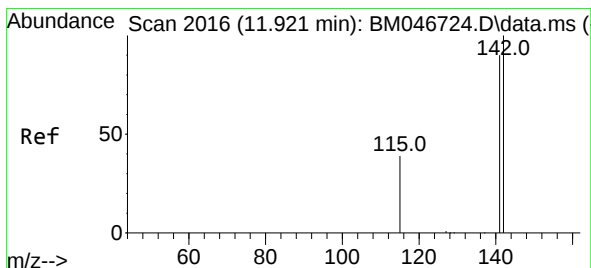
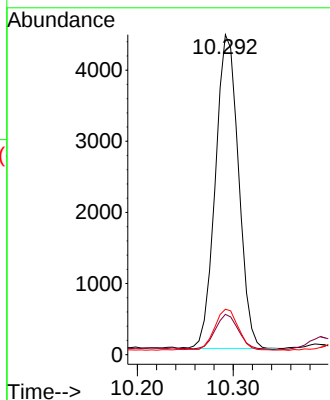
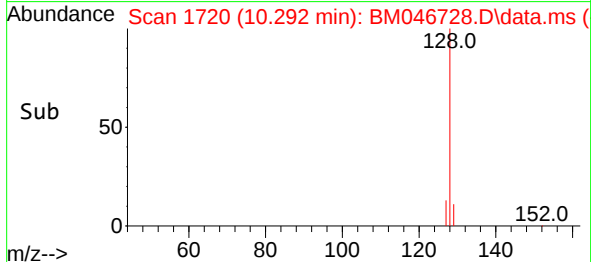
Instrument :
BNA_M
ClientSampleId :
A4BY9



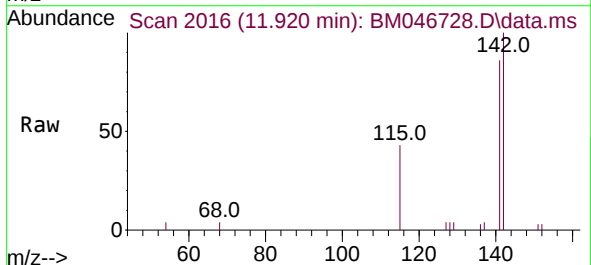
Tgt Ion:128 Resp: 7379
Ion Ratio Lower Upper
128 100
129 12.6 10.3 15.5
127 14.2 12.2 18.4

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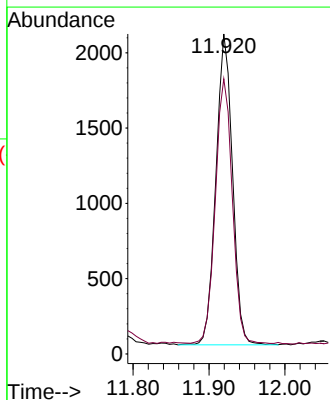
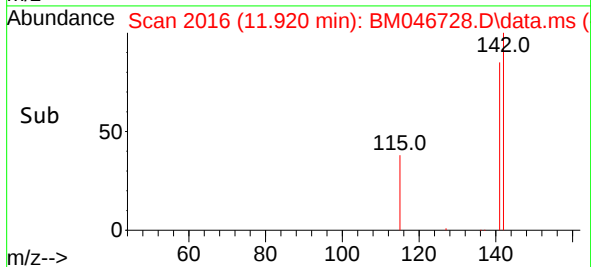
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

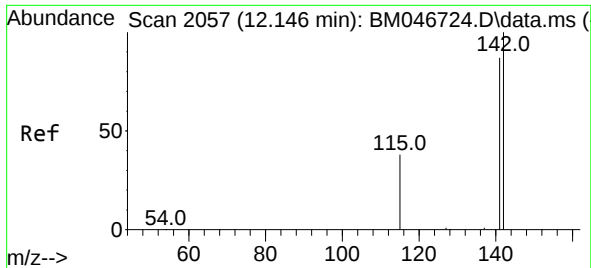


#7
2-Methylnaphthalene
Concen: 0.180 ng/ul
RT: 11.920 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12



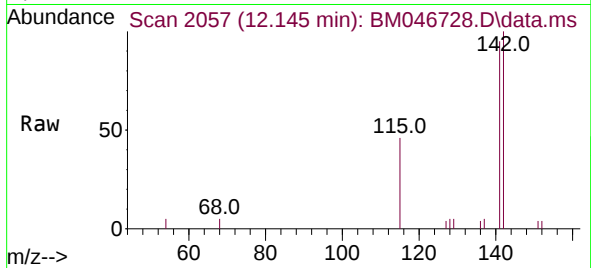
Tgt Ion:142 Resp: 3129
Ion Ratio Lower Upper
142 100
141 86.6 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.138 ng/ul
RT: 12.145 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12

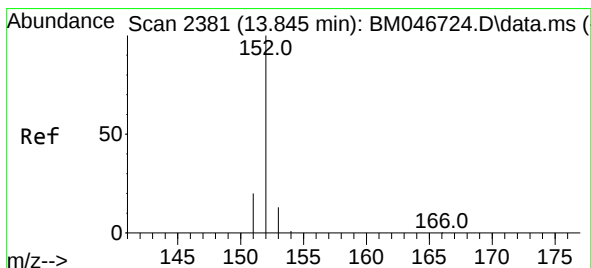
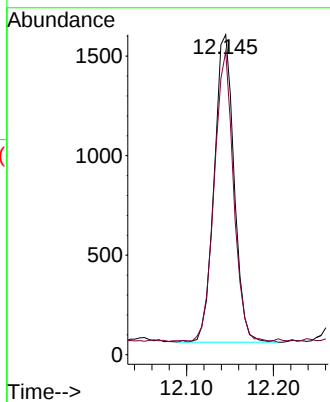
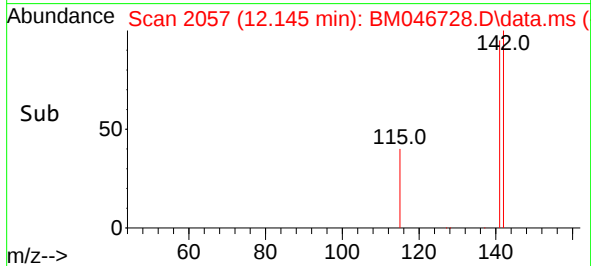
Instrument :
BNA_M
ClientSampleId :
A4BY9



Tgt Ion:142 Resp: 245
Ion Ratio Lower Upper
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141 91.9 73.9 110.9

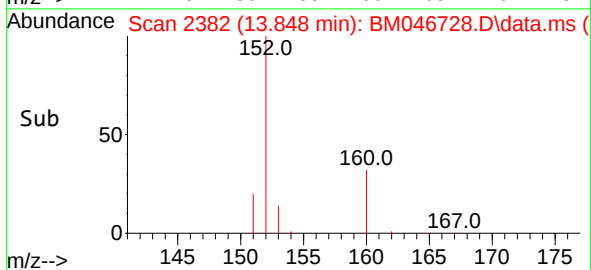
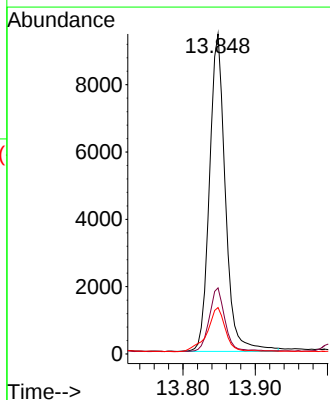
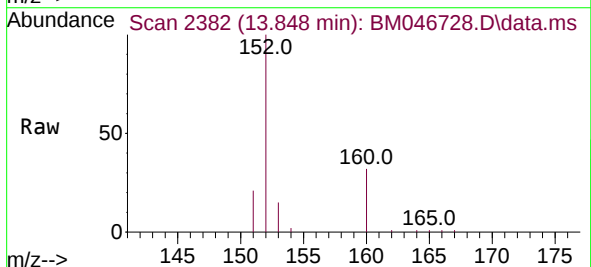
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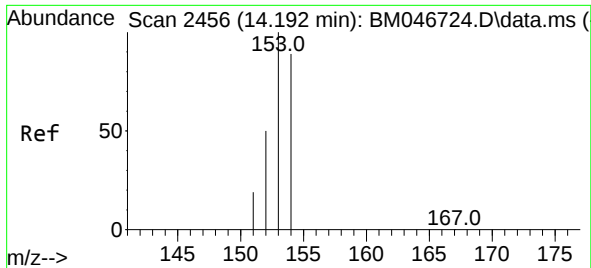
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#10
Acenaphthylene
Concen: 0.627 ng/ul
RT: 13.848 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12

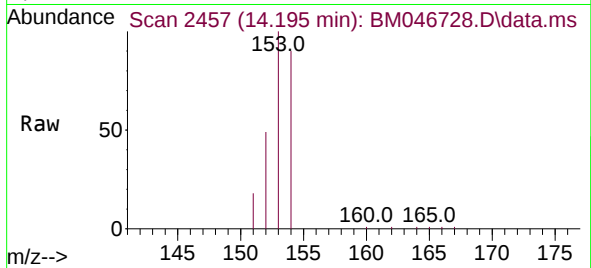
Tgt Ion:152 Resp: 14411
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 14.5 12.4 18.6





#11
Acenaphthene
Concen: 0.728 ng/ul
RT: 14.195 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12

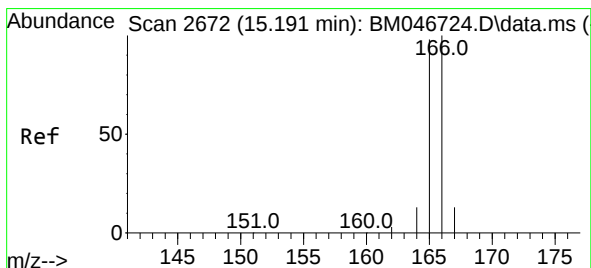
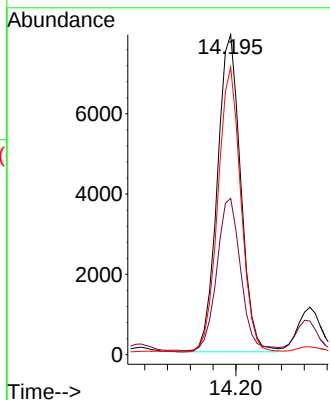
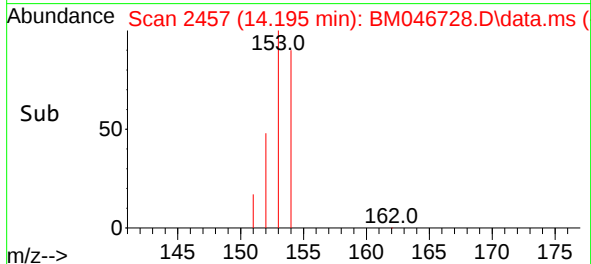
Instrument :
BNA_M
ClientSampleId :
A4BY9



Tgt Ion:153 Resp: 11215
Ion Ratio Lower Upper
153 100
152 48.9 43.0 64.6
154 89.9 69.9 104.9

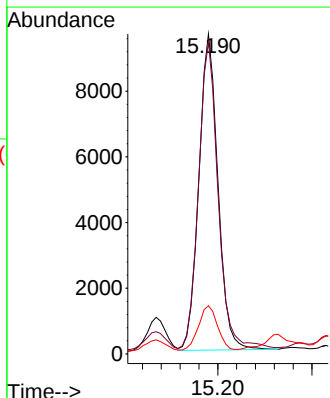
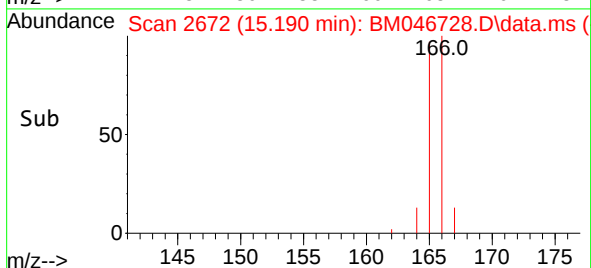
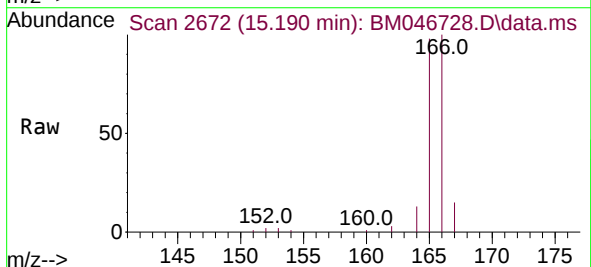
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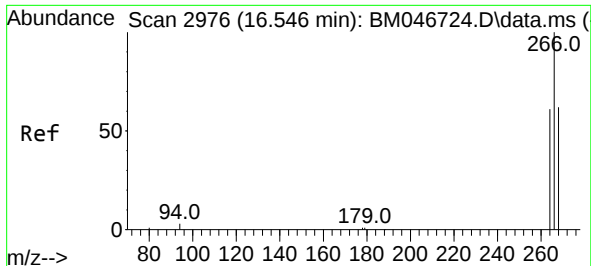
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#12
Fluorene
Concen: 0.710 ng/ul
RT: 15.190 min Scan# 2672
Delta R.T. -0.000 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12

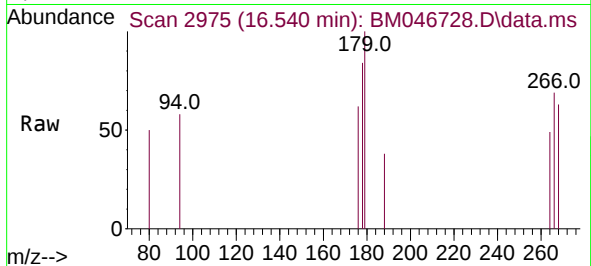
Tgt Ion:166 Resp: 13531
Ion Ratio Lower Upper
166 100
165 97.5 76.1 114.1
167 15.0 12.5 18.7





#14
Pentachlorophenol
Concen: 0.023 ng/ul
RT: 16.540 min Scan# 2976
Delta R.T. -0.004 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12

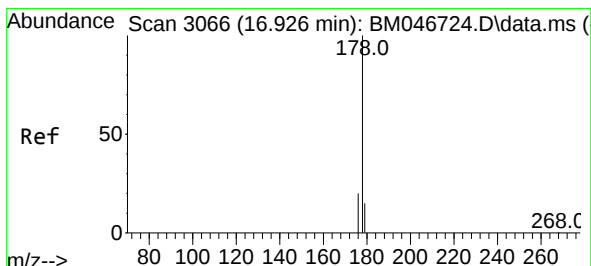
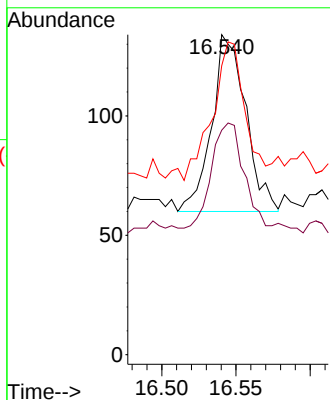
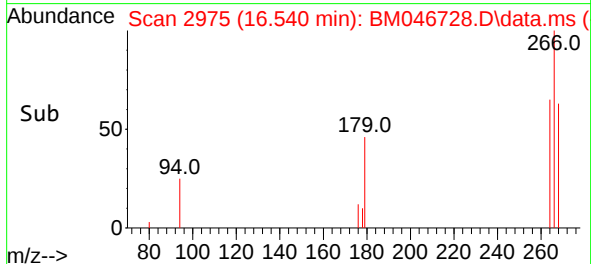
Instrument :
BNA_M
ClientSampleId :
A4BY9



Tgt Ion:266 Resp: 118
Ion Ratio Lower Upper
266 100
264 64.4 50.1 75.1
268 73.7 52.5 78.7

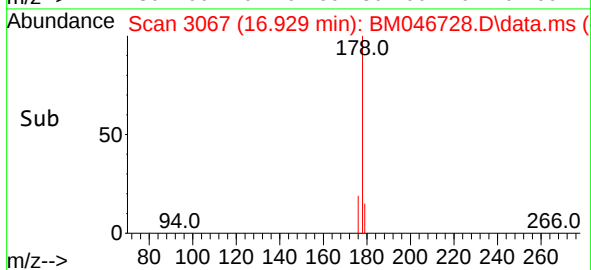
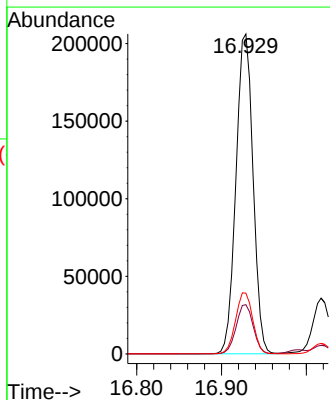
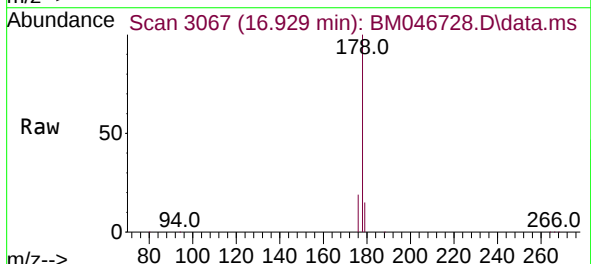
Manual Integrations
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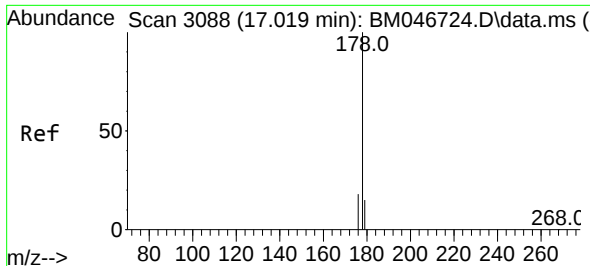
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#15
Phenanthrene
Concen: 9.924 ng/ul
RT: 16.929 min Scan# 3067
Delta R.T. 0.004 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12

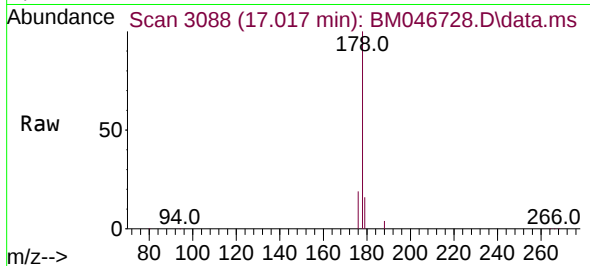
Tgt Ion:178 Resp: 287917
Ion Ratio Lower Upper
178 100
179 15.4 13.1 19.7
176 19.0 16.0 24.0





#16
Anthracene
Concen: 1.727 ng/ul
RT: 17.017 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12

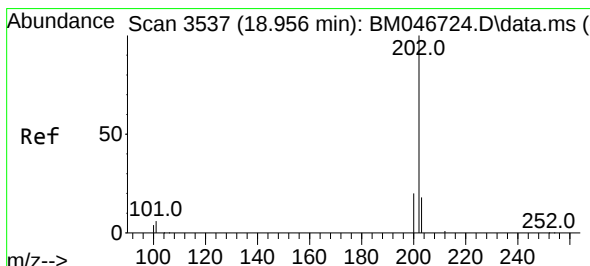
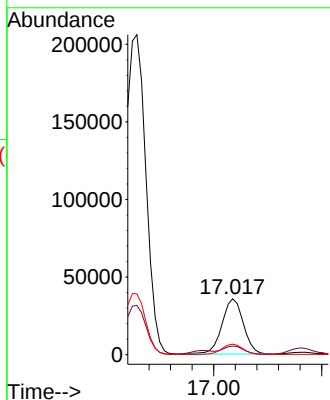
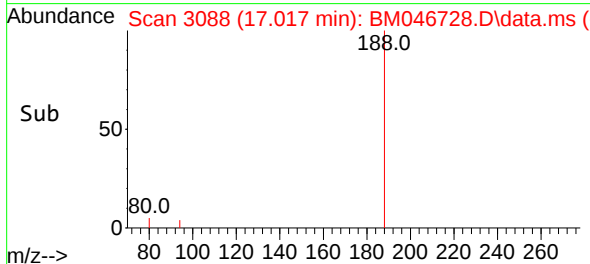
Instrument :
BNA_M
ClientSampleId :
A4BY9



Tgt Ion:178 Resp: 48897
Ion Ratio Lower Upper
178 100
179 15.6 13.5 20.3
176 18.9 15.7 23.5

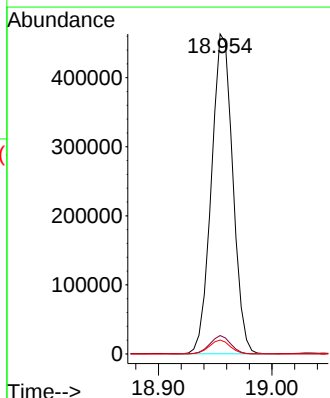
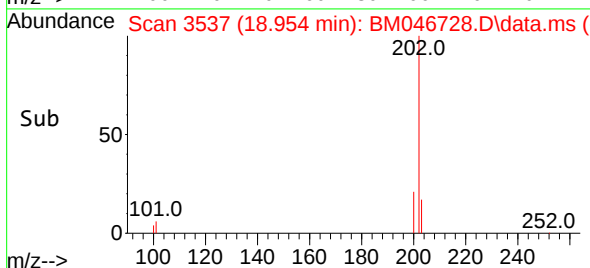
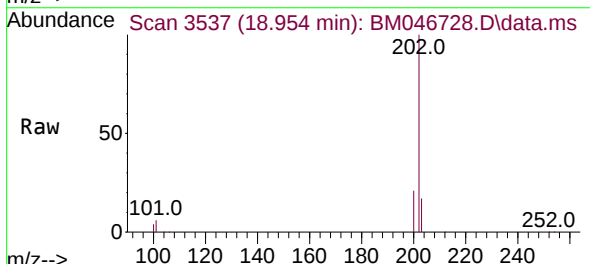
Manual Integrations
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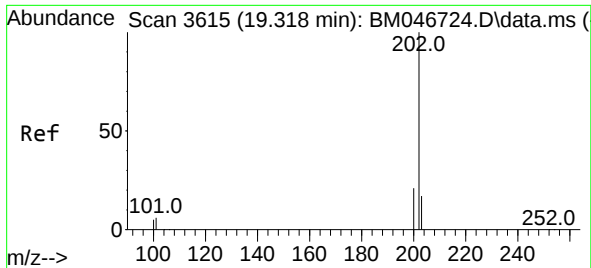
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#19
Fluoranthene
Concen: 21.129 ng/ul
RT: 18.954 min Scan# 3537
Delta R.T. -0.000 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12

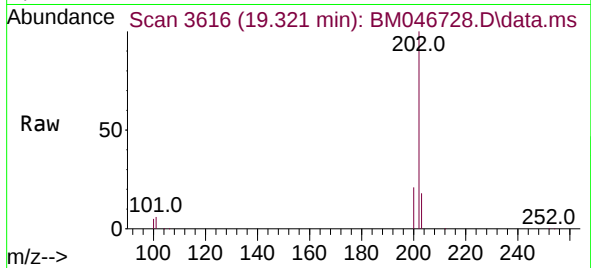
Tgt Ion:202 Resp: 605258
Ion Ratio Lower Upper
202 100
101 5.7 4.6 6.8
100 4.4 3.0 4.6





#20
Pyrene
Concen: 10.143 ng/ul
RT: 19.321 min Scan# 31456
Delta R.T. -0.000 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12

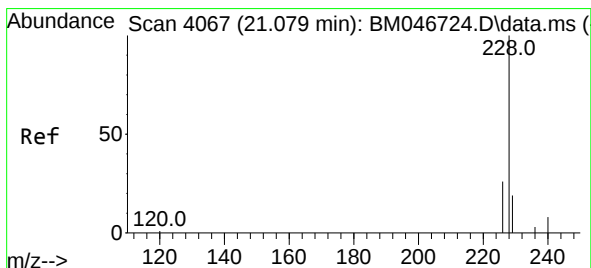
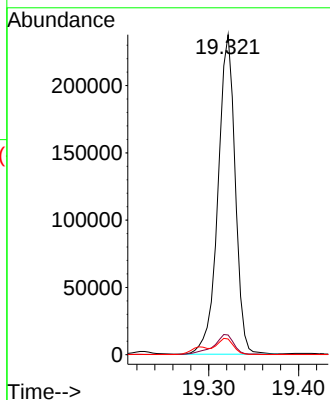
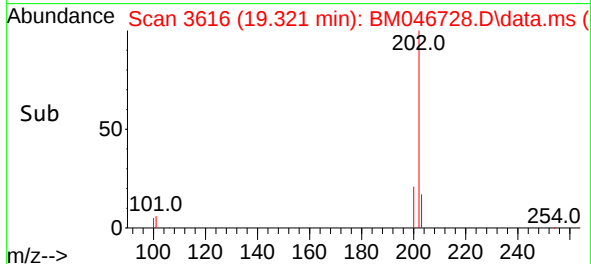
Instrument :
BNA_M
ClientSampleId :
A4BY9



Tgt Ion:202 Resp: 31456
Ion Ratio Lower Upper
202 100
101 6.2 5.1 7.7
100 4.9 3.8 5.6

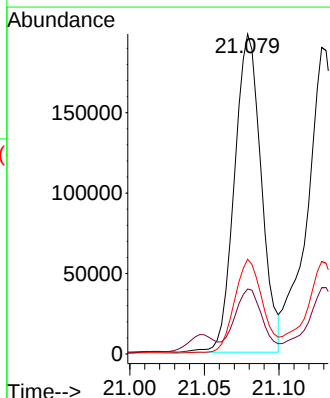
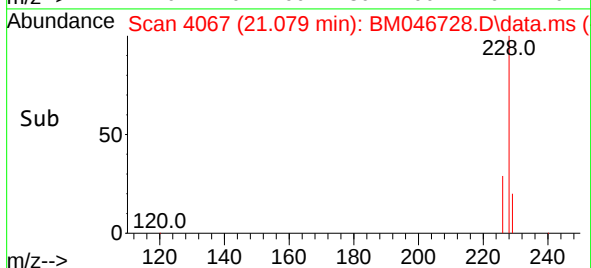
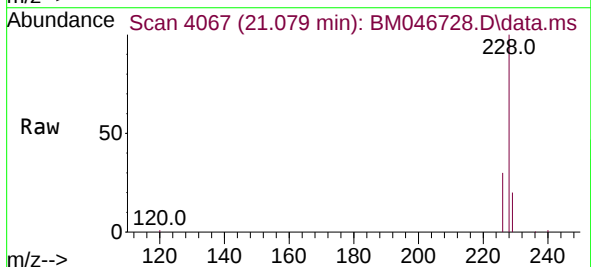
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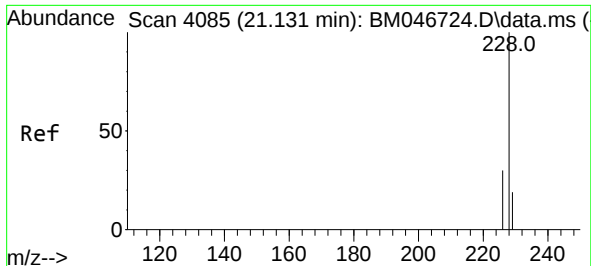
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#21
Benzo(a)anthracene
Concen: 8.023 ng/ul
RT: 21.079 min Scan# 4067
Delta R.T. -0.000 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12

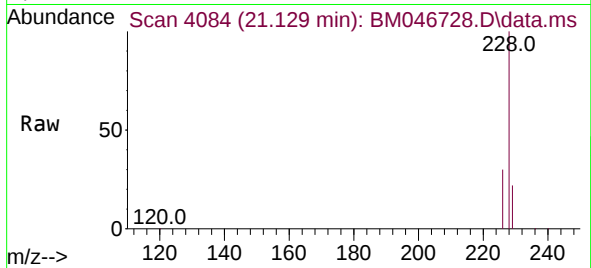
Tgt Ion:228 Resp: 247539
Ion Ratio Lower Upper
228 100
229 20.3 16.5 24.7
226 29.6 22.5 33.7





#22
Chrysene
Concen: 8.923 ng/ul
RT: 21.129 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12

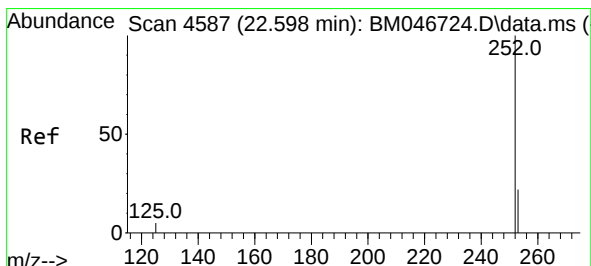
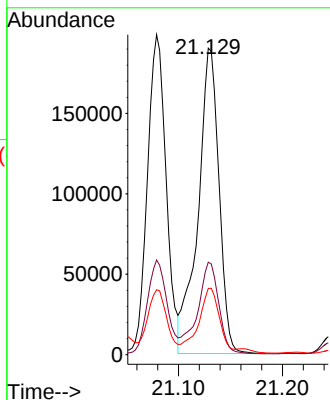
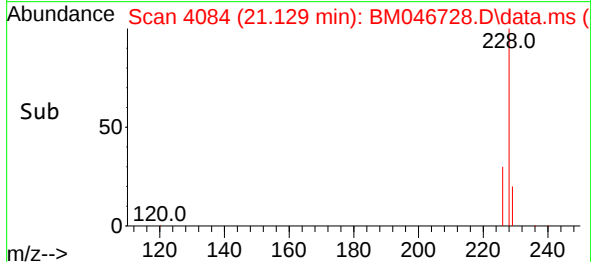
Instrument :
BNA_M
ClientSampleId :
A4BY9



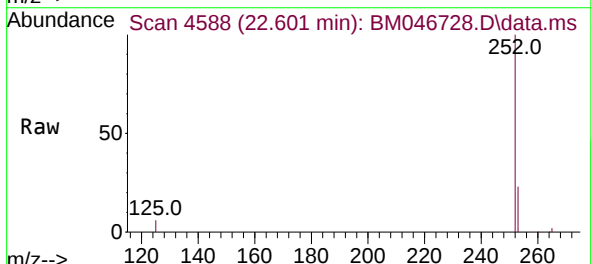
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Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 21.6 16.4 24.6

Manual Integrations
APPROVED

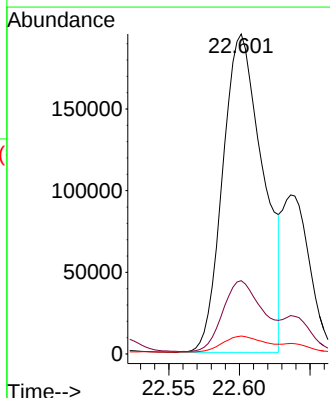
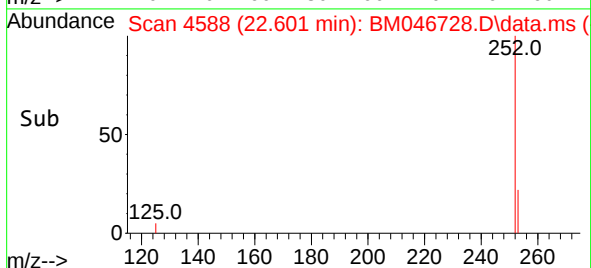
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

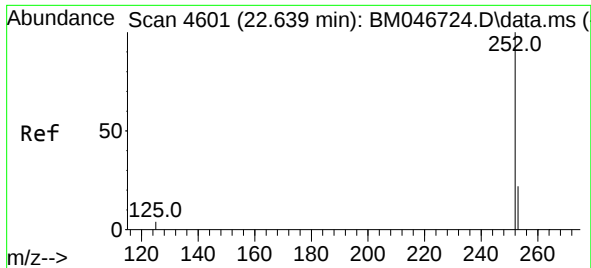


#24
Benzo(b)fluoranthene
Concen: 10.984 ng/ul m
RT: 22.601 min Scan# 4588
Delta R.T. 0.003 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12



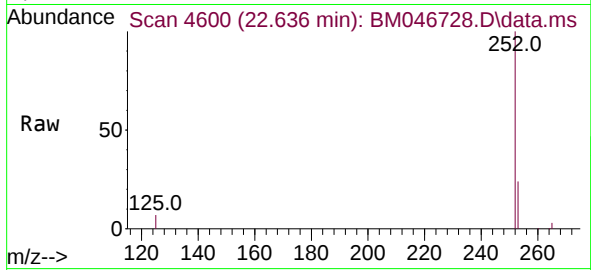
Tgt Ion:252 Resp: 387079
Ion Ratio Lower Upper
252 100
253 22.9 0.0 56.2
125 5.6 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 3.883 ng/ul m
RT: 22.636 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12

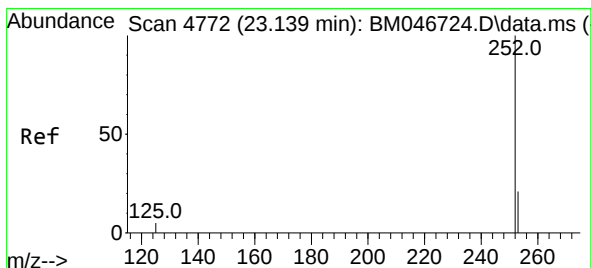
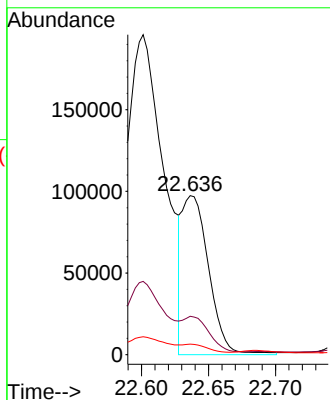
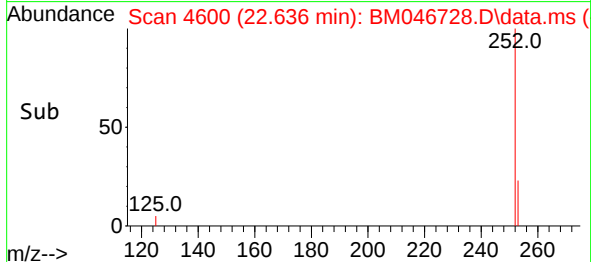
Instrument :
BNA_M
ClientSampleId :
A4BY9



Tgt Ion:252 Resp: 13434
Ion Ratio Lower Upper
252 100
253 24.1 22.4 33.6
125 6.6 7.0 10.4

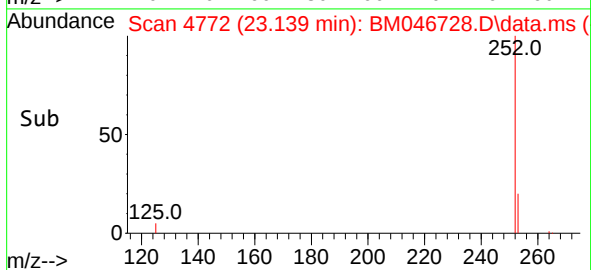
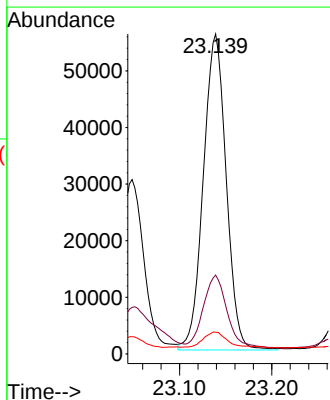
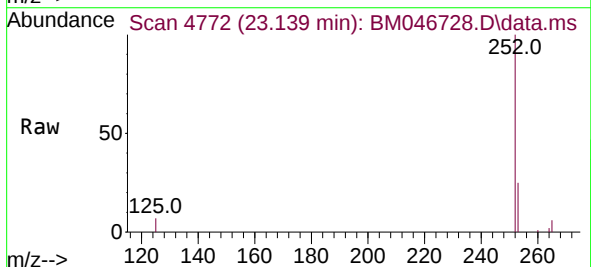
Manual Integrations
APPROVED

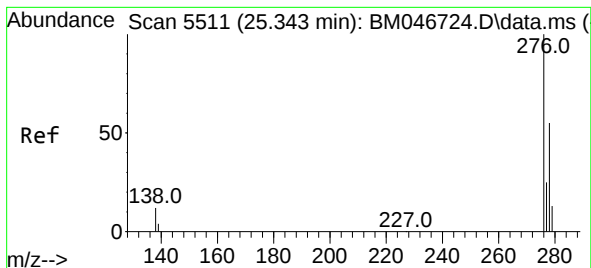
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#26
Benzo(a)pyrene
Concen: 3.313 ng/ul m
RT: 23.139 min Scan# 4772
Delta R.T. -0.000 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12

Tgt Ion:252 Resp: 96097
Ion Ratio Lower Upper
252 100
253 24.6 24.0 36.0
125 6.8 8.2 12.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.546 ng/ul

RT: 25.340 min Scan# 51

Delta R.T. -0.007 min

Lab File: BM046728.D

Acq: 19 Jul 2024 16:12

Instrument :

BNA_M

ClientSampleId :

A4BY9

Tgt Ion:276 Resp: 112389

Ion Ratio Lower Upper

276 100

138 11.9 0.0 0.0

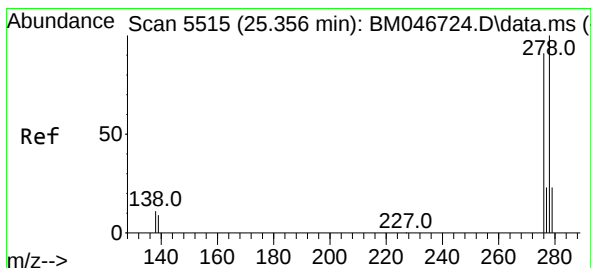
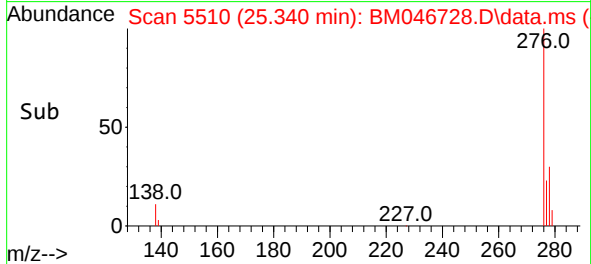
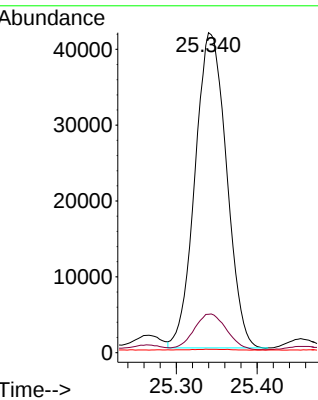
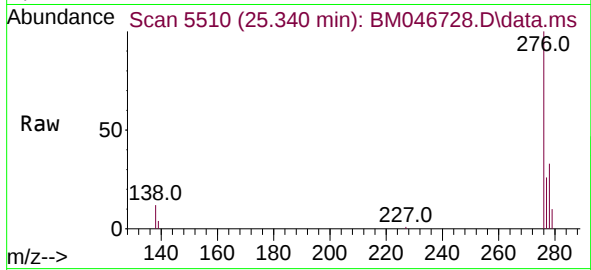
227 0.3 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#28

Dibenzo(a,h)anthracene

Concen: 1.367 ng/ul

RT: 25.353 min Scan# 5514

Delta R.T. -0.007 min

Lab File: BM046728.D

Acq: 19 Jul 2024 16:12

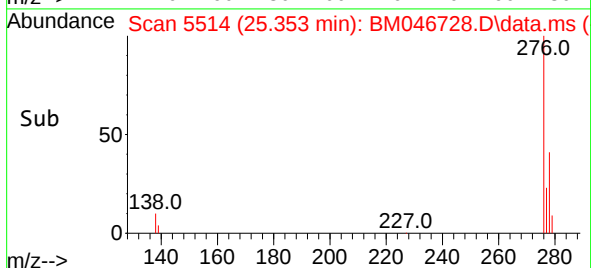
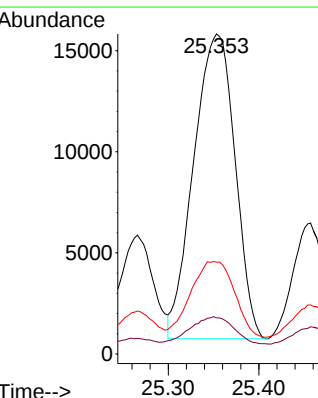
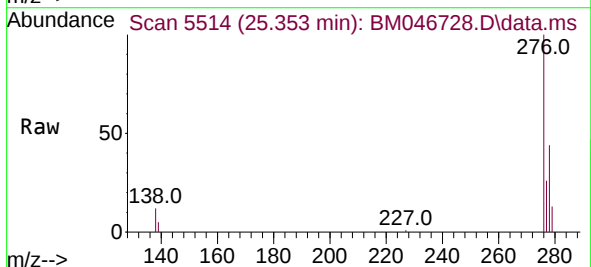
Tgt Ion:278 Resp: 47774

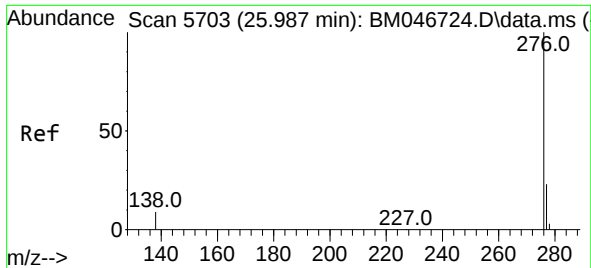
Ion Ratio Lower Upper

278 100

139 11.3 9.1 13.7

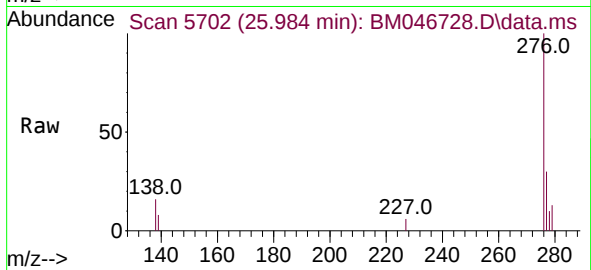
279 28.7 23.2 34.8





#29
Benzo(g,h,i)perylene
Concen: 0.460 ng/ul
RT: 25.984 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM046728.D
Acq: 19 Jul 2024 16:12

Instrument :
BNA_M
ClientSampleId :
A4BY9



Tgt Ion:276 Resp: 1621
Ion Ratio Lower Upper
276 100
138 16.2 10.2 15.4
277 30.4 20.9 31.3

Manual Integrations
APPROVED

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

