

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046733.D
 Acq On : 19 Jul 2024 19:16
 Operator : MA/JU
 Sample : P3201-26MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CK6MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 23:58:30 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	3339	0.400	ng/ul	0.00
4) Naphthalene-d8	10.242	136	9497	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.131	164	5813	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.887	188	10378	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.096	240	7456	0.400	ng/ul	# 0.00
23) Perylene-d12	23.230	264	8629	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	930	0.339	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.848	152	4197	0.274	ng/ul	0.00
18) Fluoranthene-d10	18.926	212	7034	0.310	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.138	88	2311	0.789	ng/ul#	75
5) Naphthalene	10.292	128	28013	1.159	ng/ul	96
7) 2-Methylnaphthalene	11.919	142	13008	0.766	ng/ul	99
8) 1-Methylnaphthalene	12.145	142	9466	0.547	ng/ul	98
10) Acenaphthylene	13.848	152	9692	0.366	ng/ul	99
11) Acenaphthene	14.195	153	47963	2.705	ng/ul	96
12) Fluorene	15.190	166	47578	2.169	ng/ul	97
14) Pentachlorophenol	16.545	266	840	0.160	ng/ul	99
15) Phenanthrene	16.929	178	479650	16.196	ng/ul	98
16) Anthracene	17.017	178	111749	3.867	ng/ul	98
19) Fluoranthene	18.959	202	578122	18.877	ng/ul	99
20) Pyrene	19.321	202	387226	11.678	ng/ul	99
21) Benzo(a)anthracene	21.079	228	288256	8.739	ng/ul	100
22) Chrysene	21.131	228	254386	7.971	ng/ul	98
24) Benzo(b)fluoranthene	22.601	252	287568m	8.343	ng/ul	
25) Benzo(k)fluoranthene	22.639	252	114498m	3.384	ng/ul	
26) Benzo(a)pyrene	23.139	252	119489m	4.212	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.346	276	109715	2.542	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.353	278	45006	1.317	ng/ul	100
29) Benzo(g,h,i)perylene	25.984	276	17066	0.495	ng/ul#	93

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

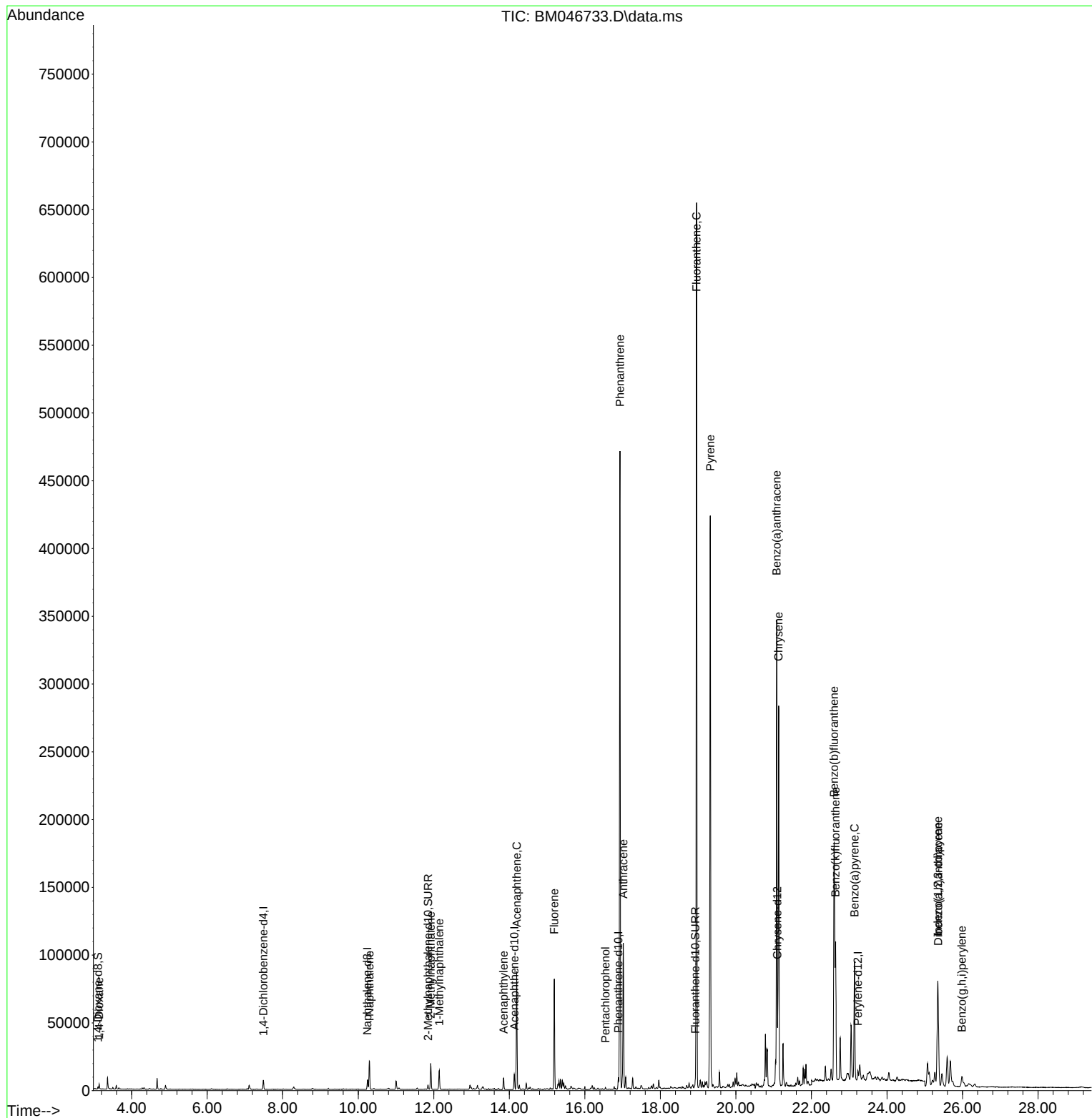
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046733.D
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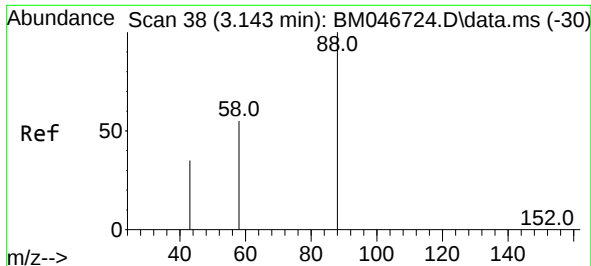
Instrument :
BNA_M
ClientSampleId :
A4CK6MSD

Quant Time: Jul 19 23:58:30 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

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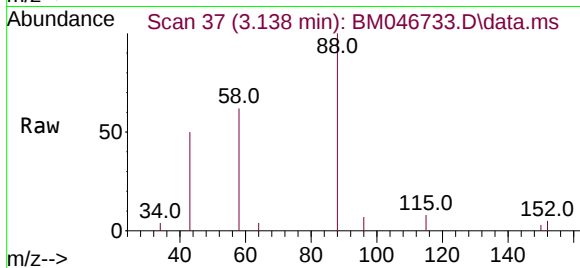
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024





#2
1,4-Dioxane
Concen: 0.789 ng/ul
RT: 3.138 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16

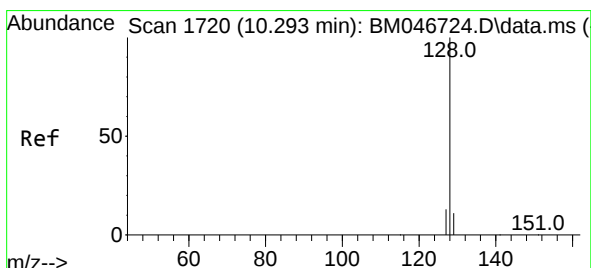
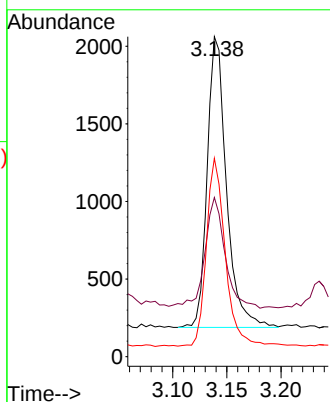
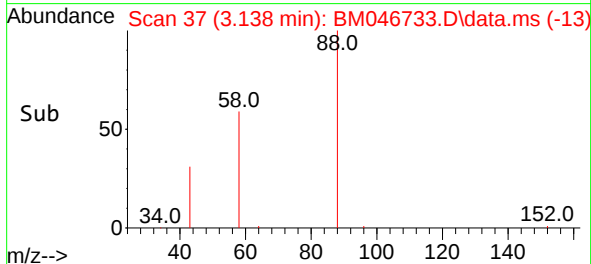
Instrument :
BNA_M
ClientSampleId :
A4CK6MSD



Tgt Ion: 88 Resp: 231
Ion Ratio Lower Upper
88 100
43 49.8 70.2 105.4
58 62.0 48.2 72.4

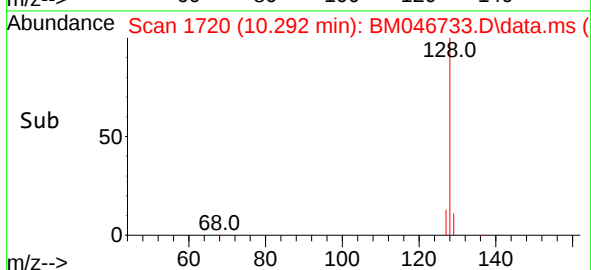
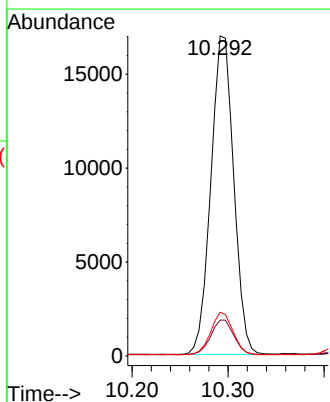
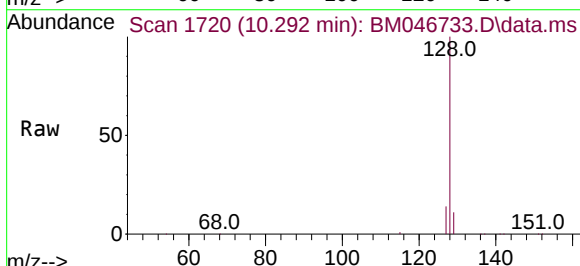
Manual Integrations
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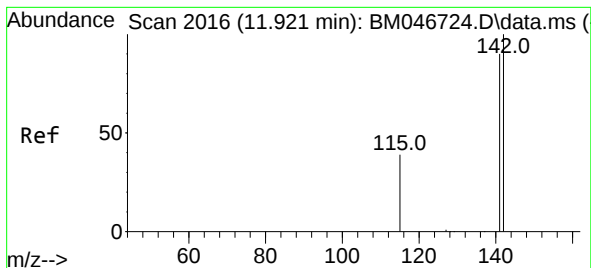
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#5
Naphthalene
Concen: 1.159 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16

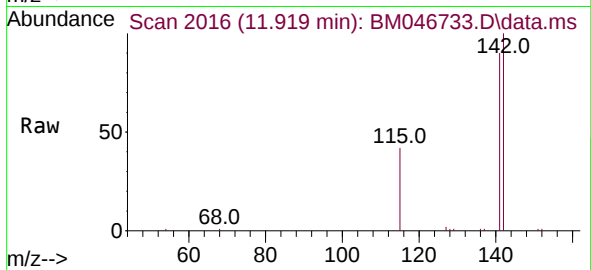
Tgt Ion:128 Resp: 28013
Ion Ratio Lower Upper
128 100
129 11.2 10.3 15.5
127 13.7 12.2 18.4





#7
2-Methylnaphthalene
Concen: 0.766 ng/ul
RT: 11.919 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16

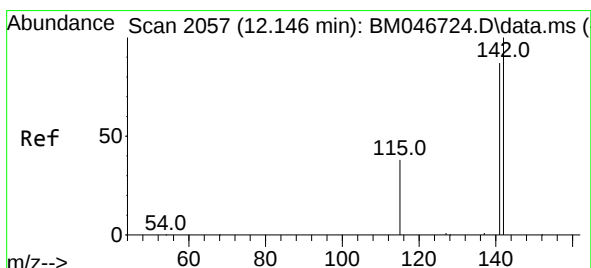
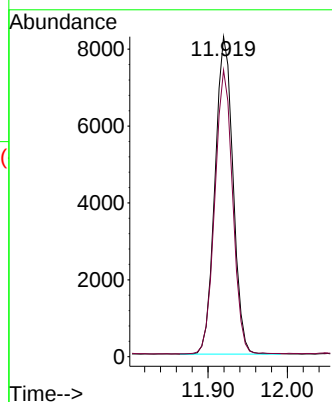
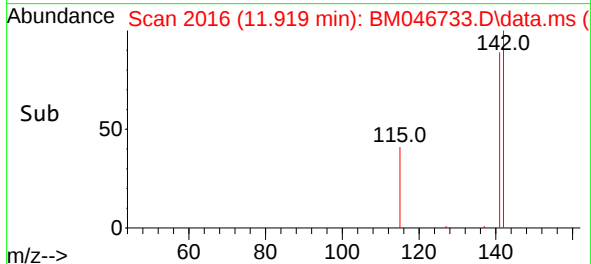
Instrument :
BNA_M
ClientSampleId :
A4CK6MSD



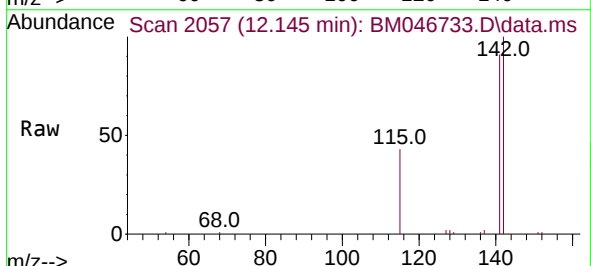
Tgt Ion:142 Resp: 13008
Ion Ratio Lower Upper
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141 88.7 70.3 105.5

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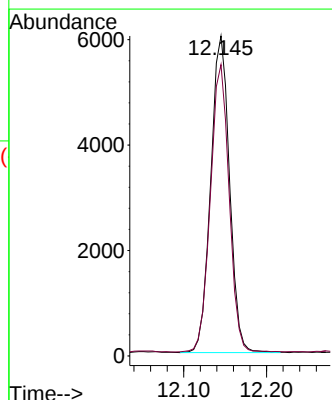
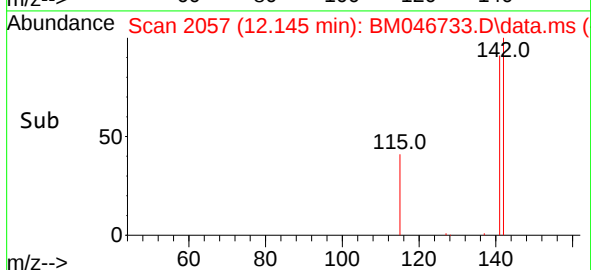
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

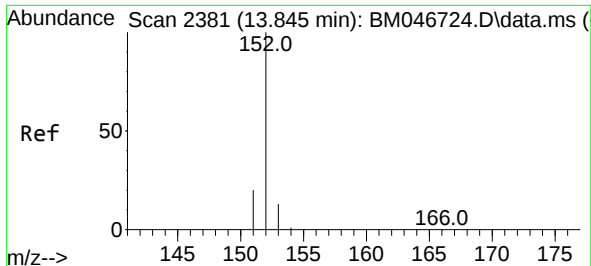


#8
1-Methylnaphthalene
Concen: 0.547 ng/ul
RT: 12.145 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16



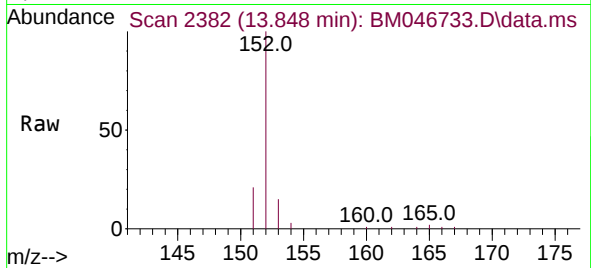
Tgt Ion:142 Resp: 9466
Ion Ratio Lower Upper
142 100
141 90.2 73.9 110.9





#10
Acenaphthylene
Concen: 0.366 ng/u1
RT: 13.848 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16

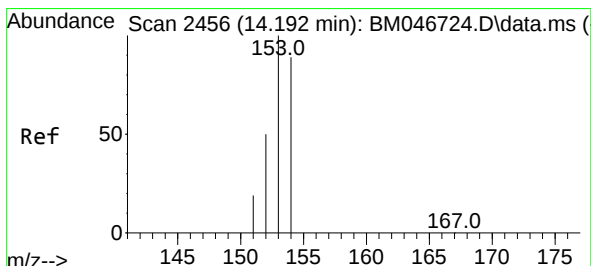
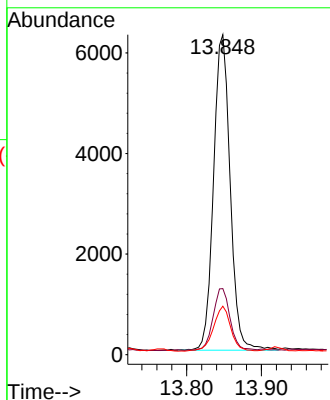
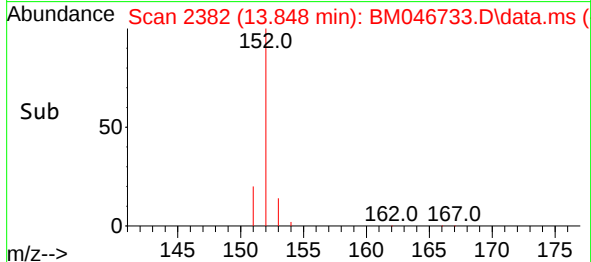
Instrument :
BNA_M
ClientSampleId :
A4CK6MSD



Tgt Ion:152 Resp: 969
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 15.1 12.4 18.6

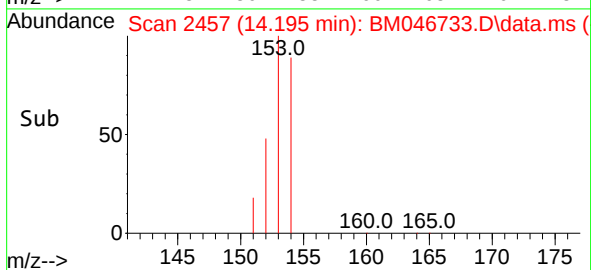
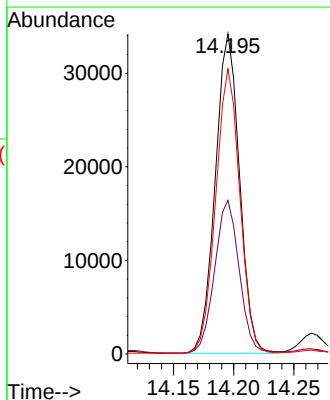
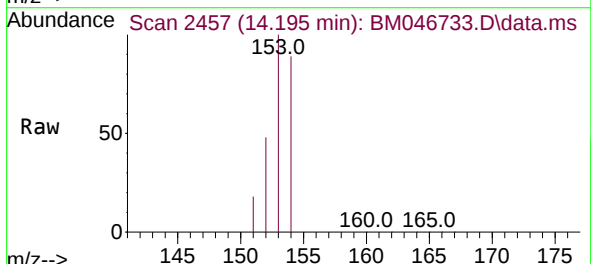
Manual Integrations
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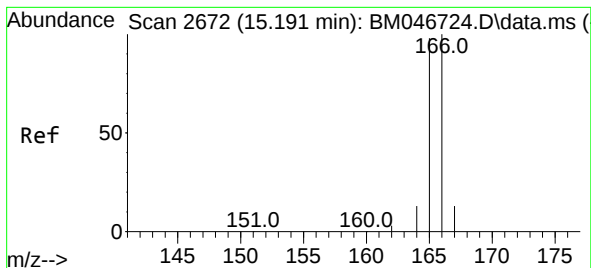
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#11
Acenaphthene
Concen: 2.705 ng/u1
RT: 14.195 min Scan# 2457
Delta R.T. -0.000 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16

Tgt Ion:153 Resp: 47963
Ion Ratio Lower Upper
153 100
152 48.0 43.0 64.6
154 89.1 69.9 104.9





#12

Fluorene

Concen: 2.169 ng/ul

RT: 15.190 min Scan# 2672

Delta R.T. -0.000 min

Lab File: BM046733.D

Acq: 19 Jul 2024 19:16

Instrument :

BNA_M

ClientSampleId :

A4CK6MSD

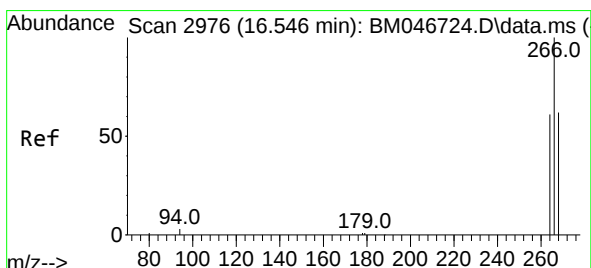
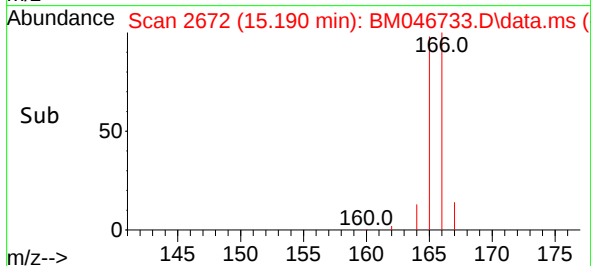
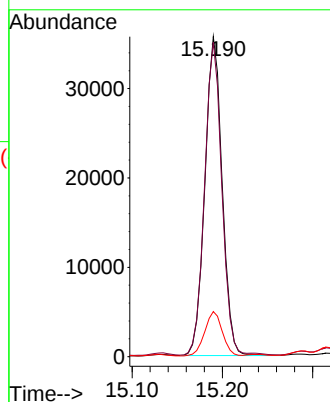
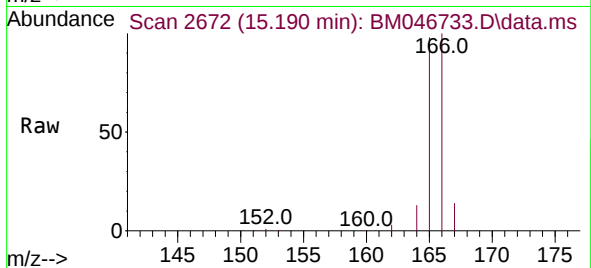
Tgt Ion:166 Resp: 47578
 Ion Ratio Lower Upper
 166 100
 165 98.2 76.1 114.1
 167 14.1 12.5 18.7

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#14

Pentachlorophenol

Concen: 0.160 ng/ul

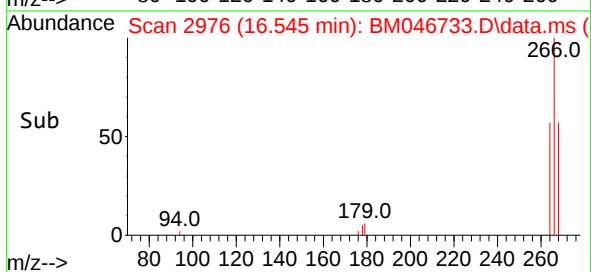
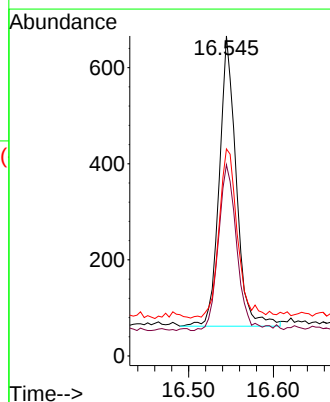
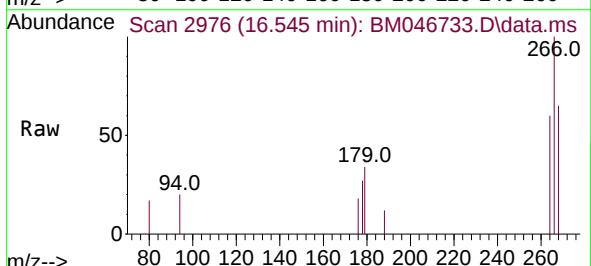
RT: 16.545 min Scan# 2976

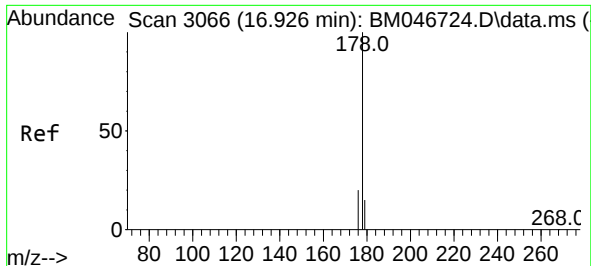
Delta R.T. -0.000 min

Lab File: BM046733.D

Acq: 19 Jul 2024 19:16

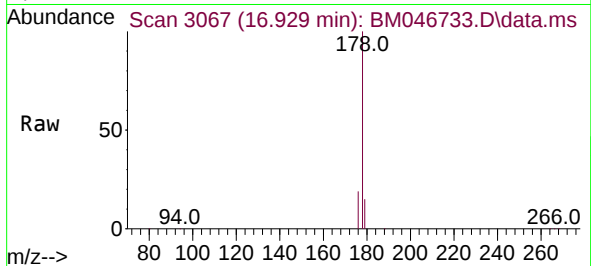
Tgt Ion:266 Resp: 840
 Ion Ratio Lower Upper
 266 100
 264 62.5 50.1 75.1
 268 63.8 52.5 78.7





#15
Phenanthrene
Concen: 16.196 ng/ul
RT: 16.929 min Scan# 3066
Delta R.T. 0.004 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16

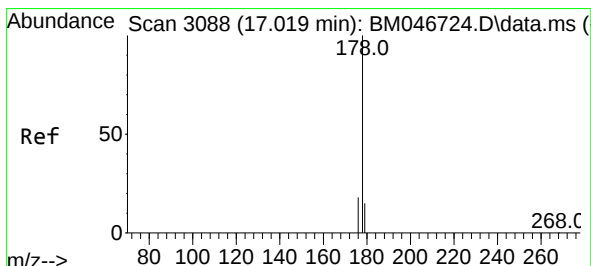
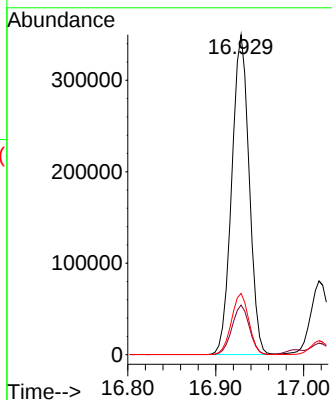
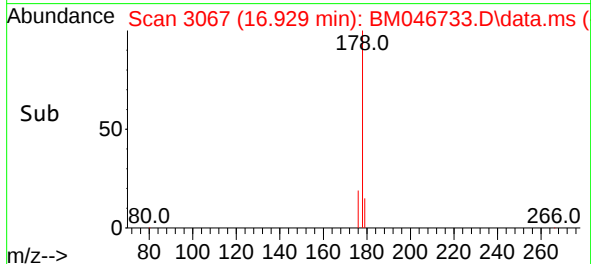
Instrument :
BNA_M
ClientSampleId :
A4CK6MSD



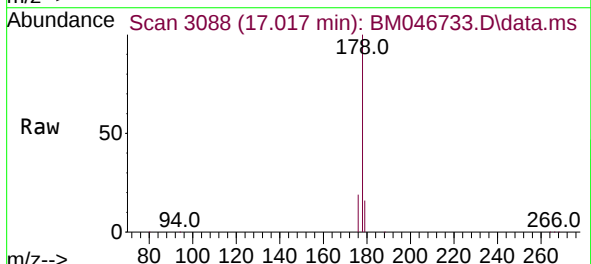
Tgt Ion:178 Resp: 479650
Ion Ratio Lower Upper
178 100
179 15.5 13.1 19.7
176 19.2 16.0 24.0

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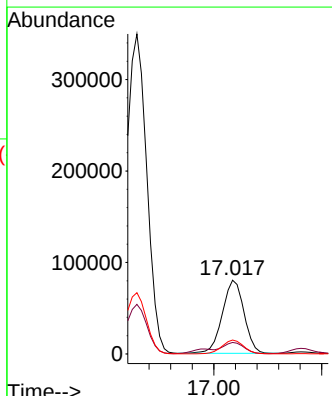
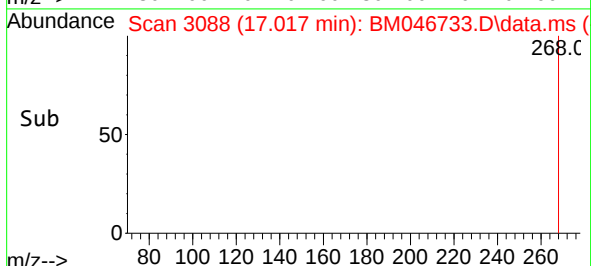
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

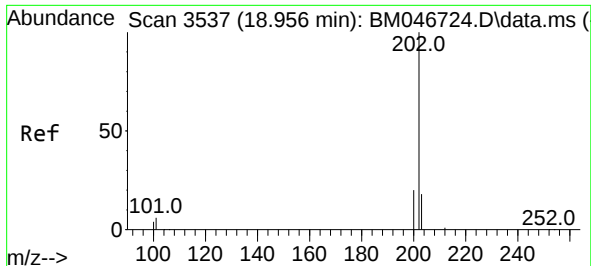


#16
Anthracene
Concen: 3.867 ng/ul
RT: 17.017 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16



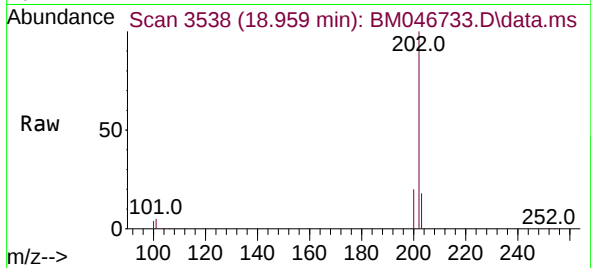
Tgt Ion:178 Resp: 111749
Ion Ratio Lower Upper
178 100
179 15.6 13.5 20.3
176 18.8 15.7 23.5





#19
Fluoranthene
Concen: 18.877 ng/ul
RT: 18.959 min Scan# 3537
Delta R.T. 0.004 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16

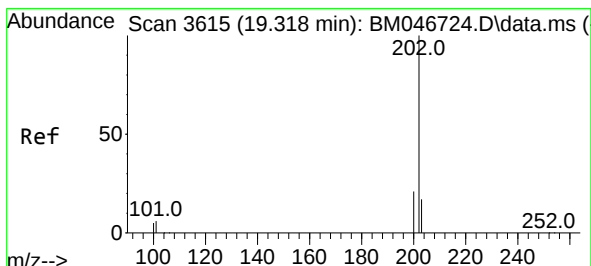
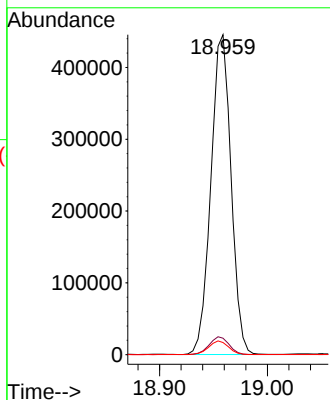
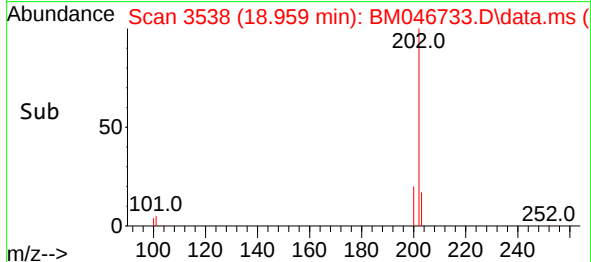
Instrument :
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A4CK6MSD



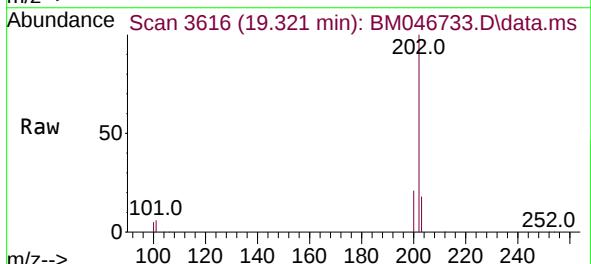
Tgt Ion:202 Resp: 57812
Ion Ratio Lower Upper
202 100
101 5.2 4.6 6.8
100 3.8 3.0 4.6

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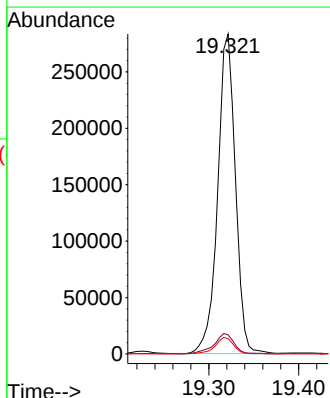
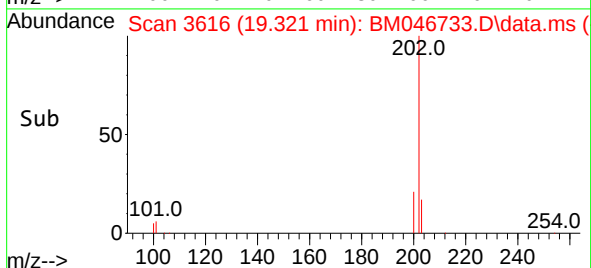
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

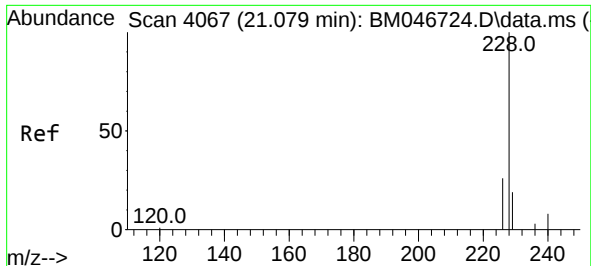


#20
Pyrene
Concen: 11.678 ng/ul
RT: 19.321 min Scan# 3616
Delta R.T. -0.000 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16



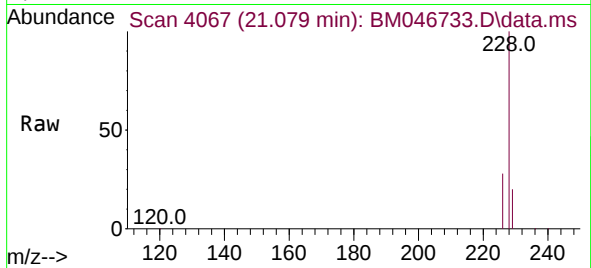
Tgt Ion:202 Resp: 387226
Ion Ratio Lower Upper
202 100
101 6.0 5.1 7.7
100 4.8 3.8 5.6





#21
Benzo(a)anthracene
Concen: 8.739 ng/ul
RT: 21.079 min Scan# 4067
Delta R.T. -0.000 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16

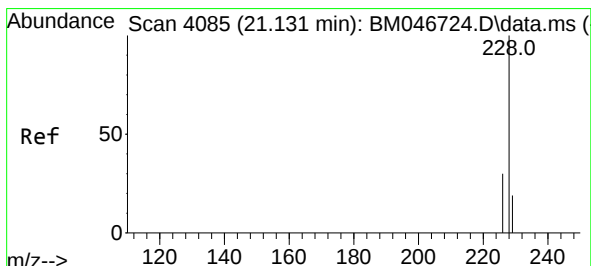
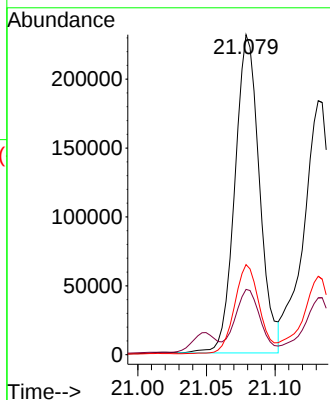
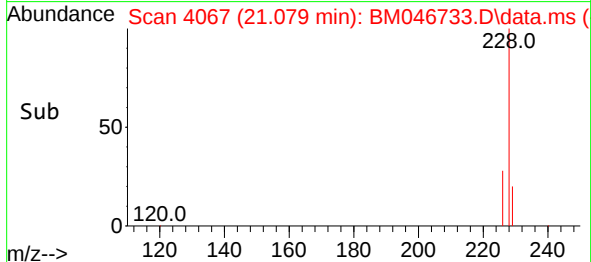
Instrument :
BNA_M
ClientSampleId :
A4CK6MSD



Tgt Ion:228 Resp: 288256
Ion Ratio Lower Upper
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229 20.4 16.5 24.7
226 28.2 22.5 33.7

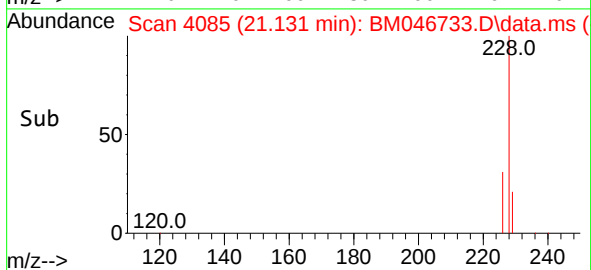
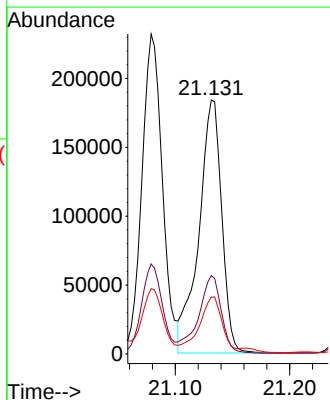
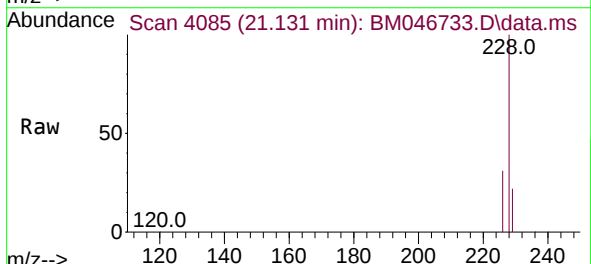
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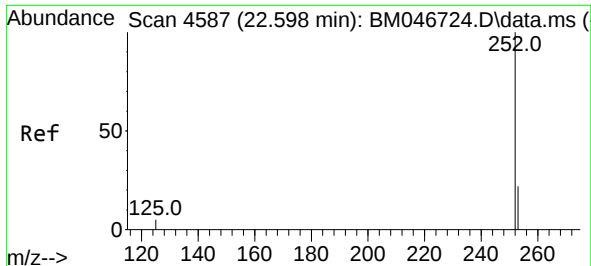
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#22
Chrysene
Concen: 7.971 ng/ul
RT: 21.131 min Scan# 4085
Delta R.T. -0.000 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16

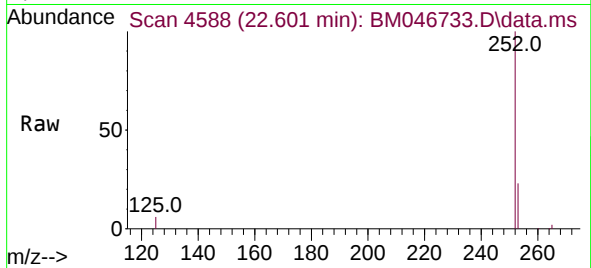
Tgt Ion:228 Resp: 254386
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 22.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 8.343 ng/ul m
RT: 22.601 min Scan# 4588
Delta R.T. 0.003 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16

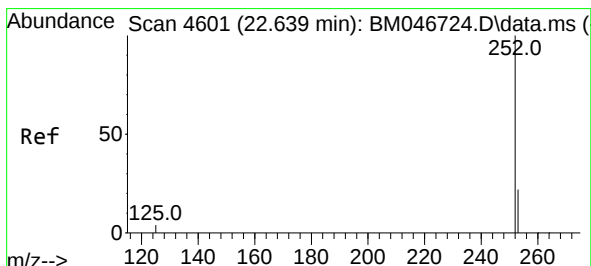
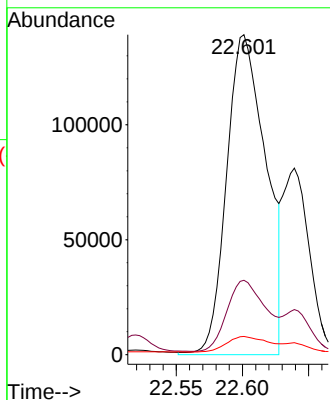
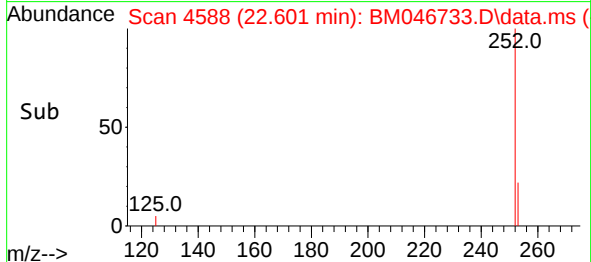
Instrument :
BNA_M
ClientSampleId :
A4CK6MSD



Tgt Ion:252 Resp: 28756
Ion Ratio Lower Upper
252 100
253 23.3 0.0 56.2
125 5.7 0.0 17.8

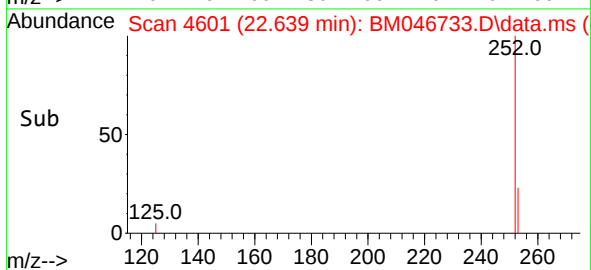
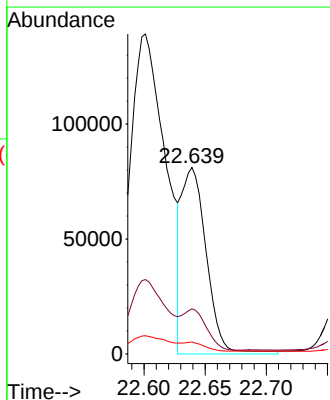
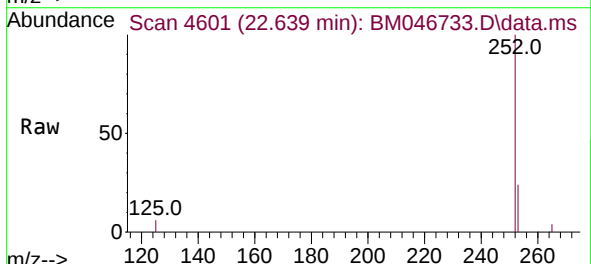
Manual Integrations
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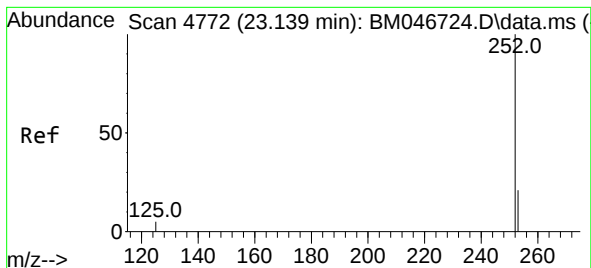
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#25
Benzo(k)fluoranthene
Concen: 3.384 ng/ul m
RT: 22.639 min Scan# 4601
Delta R.T. -0.000 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16

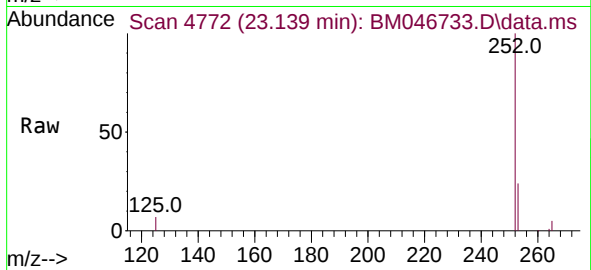
Tgt Ion:252 Resp: 114498
Ion Ratio Lower Upper
252 100
253 24.2 22.4 33.6
125 6.4 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 4.212 ng/ul m
RT: 23.139 min Scan# 4772
Delta R.T. -0.000 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16

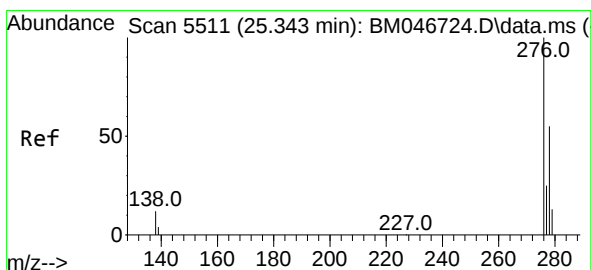
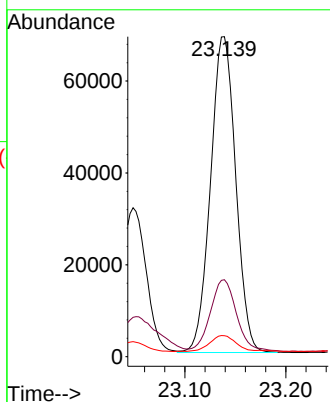
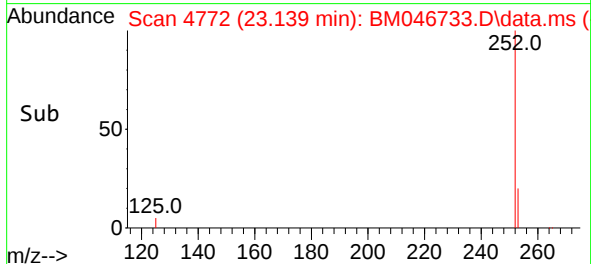
Instrument :
BNA_M
ClientSampleId :
A4CK6MSD



Tgt Ion:252 Resp: 119489
Ion Ratio Lower Upper
252 100
253 24.0 24.0 36.0
125 6.6 8.2 12.2

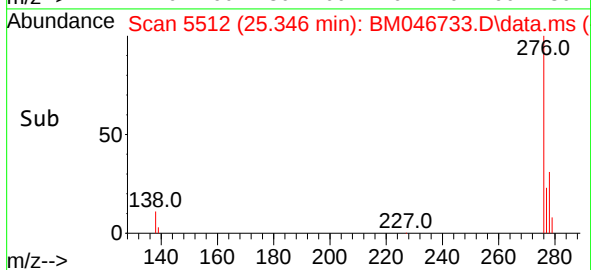
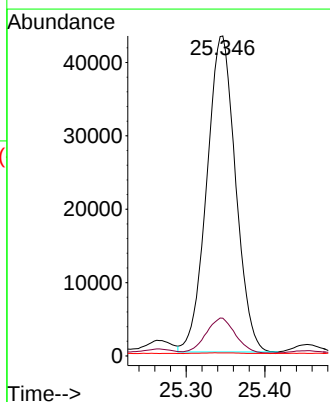
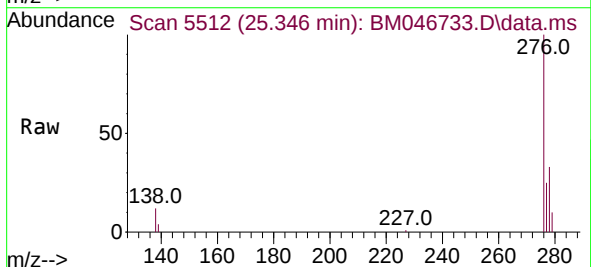
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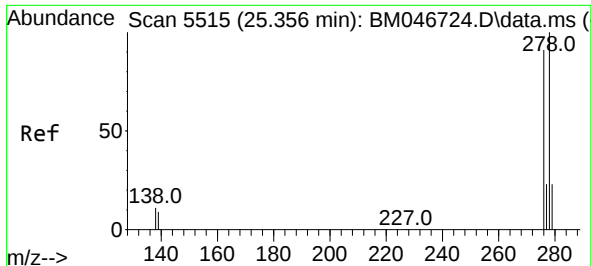
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.542 ng/ul
RT: 25.346 min Scan# 5512
Delta R.T. -0.000 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16

Tgt Ion:276 Resp: 109715
Ion Ratio Lower Upper
276 100
138 11.2 0.0 0.0#
227 0.4 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 1.317 ng/ul
RT: 25.353 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16

Instrument :

BNA_M

ClientSampleId :

A4CK6MSD

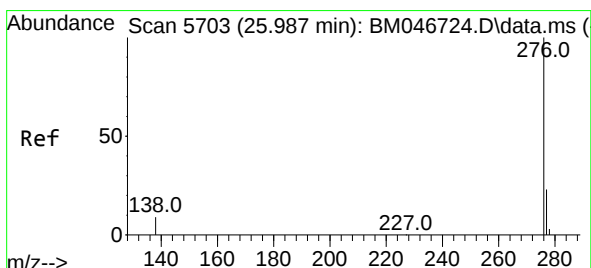
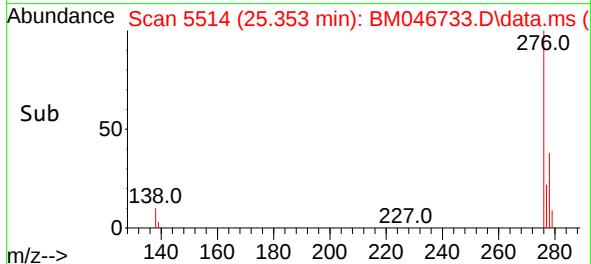
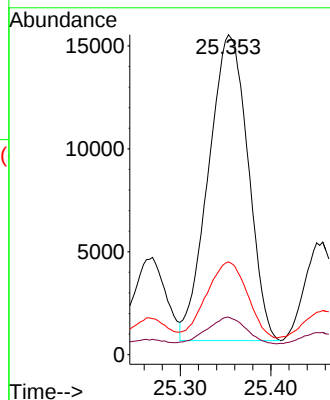
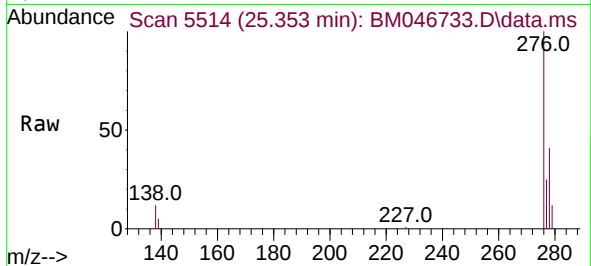
Tgt Ion:278 Resp: 45000
Ion Ratio Lower Upper
278 100
139 11.8 9.1 13.7
279 29.0 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#29
Benzo(g,h,i)perylene
Concen: 0.495 ng/ul
RT: 25.984 min Scan# 5702
Delta R.T. -0.000 min
Lab File: BM046733.D
Acq: 19 Jul 2024 19:16

Tgt Ion:276 Resp: 17066
Ion Ratio Lower Upper
276 100
138 16.1 10.2 15.4#
277 29.5 20.9 31.3

