

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
 Data File : BM040812.D
 Acq On : 11 Jul 2023 14:43
 Operator : MA/JU
 Sample : 03414-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4636

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 04:34:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 03:54:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	3461	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	12089	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.527	164	5460	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	9973	0.400	ng/ul	-0.01
17) Chrysene-d12	21.472	240	6964	0.400	ng/ul	-0.01
23) Perylene-d12	23.863	264	5101	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	7961	1.464	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	1389	0.082	ng/ul	0.00
18) Fluoranthene-d10	19.310	212	1991	0.089	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.735	128	33385	1.001	ng/ul	100
7) 2-Methylnaphthalene	12.352	142	8343	0.426	ng/ul	99
8) 1-Methylnaphthalene	12.572	142	6048	0.309	ng/ul	98
10) Acenaphthylene	14.250	152	6231	0.255	ng/ul#	91
11) Acenaphthene	14.592	153	21056	1.022	ng/ul	98
12) Fluorene	15.577	166	24993	1.137	ng/ul	100
15) Phenanthrene	17.320	178	366820	11.841	ng/ul	98
16) Anthracene	17.409	178	67732	2.602	ng/ul	99
19) Fluoranthene	19.338	202	422667	14.288	ng/ul	96
20) Pyrene	19.701	202	404708	12.761	ng/ul	99
21) Benzo(a)anthracene	21.454	228	169474	7.195	ng/ul	99
22) Chrysene	21.507	228	151308	5.631	ng/ul	99
24) Benzo(b)fluoranthene	23.140	252	168340	8.528	ng/ul	89
25) Benzo(k)fluoranthene	23.176	252	66001m	3.392	ng/ul	
26) Benzo(a)pyrene	23.760	252	108315	6.091	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.337	276	75955	3.067	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.347	278	19785	1.020	ng/ul	98
29) Benzo(g,h,i)perylene	27.095	276	13215	0.609	ng/ul	96

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

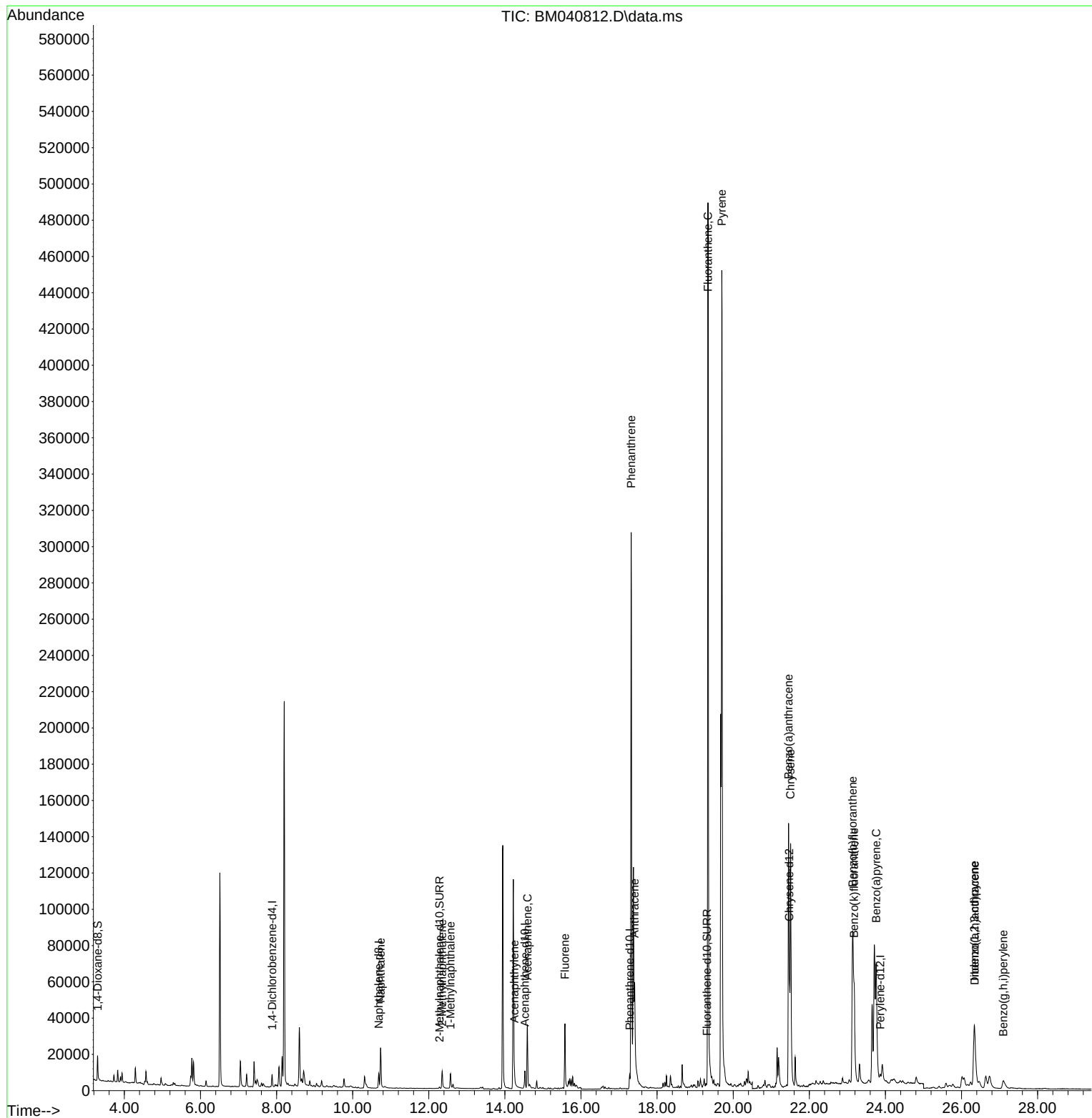
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
Data File : BM040812.D
Acq On : 11 Jul 2023 14:43
Operator : MA/JU
Sample : 03414-01
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ALS Vial : 10 Sample Multiplier: 1

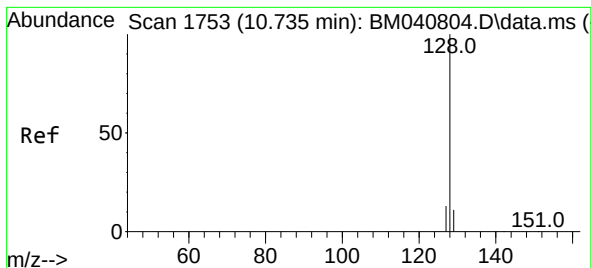
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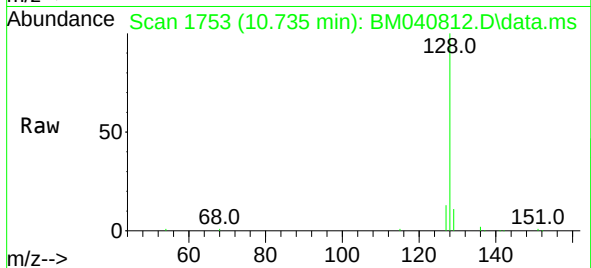
Quant Time: Jul 12 04:34:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 03:54:24 2023
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#5
Naphthalene
Concen: 1.001 ng/ul
RT: 10.735 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43

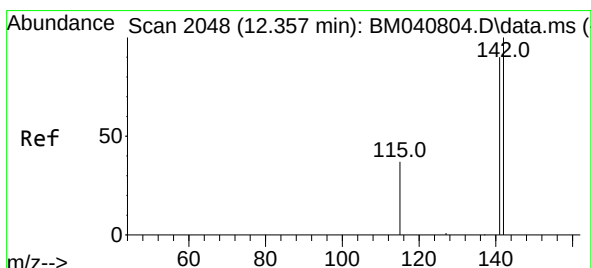
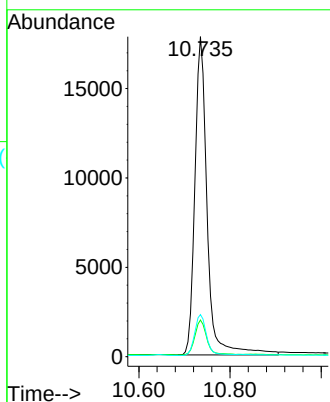
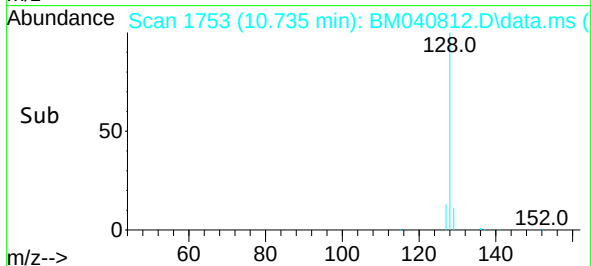
Instrument :
BNA_M
ClientSampleId :
A4636



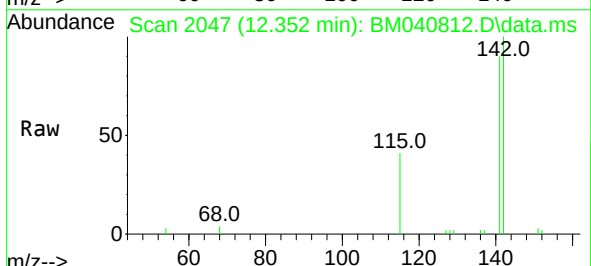
Tgt Ion:128 Resp: 3338
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.1 10.6 15.8

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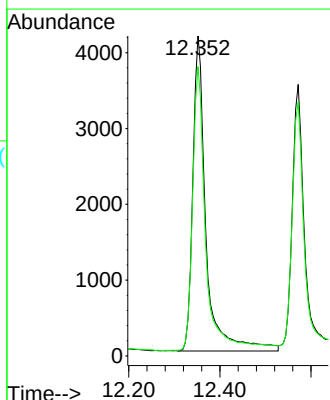
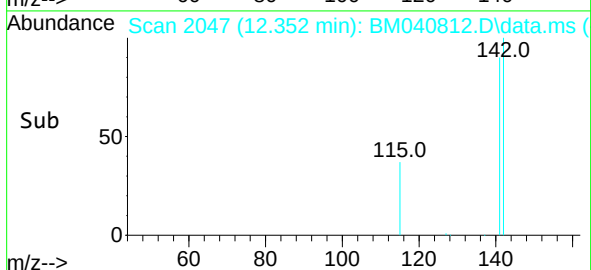
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

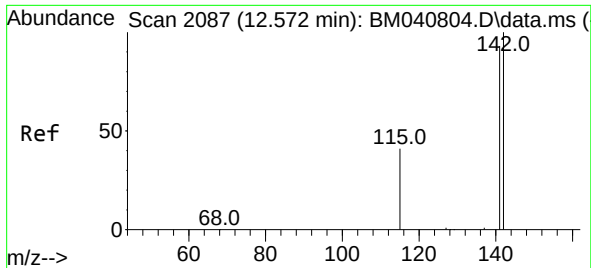


#7
2-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43



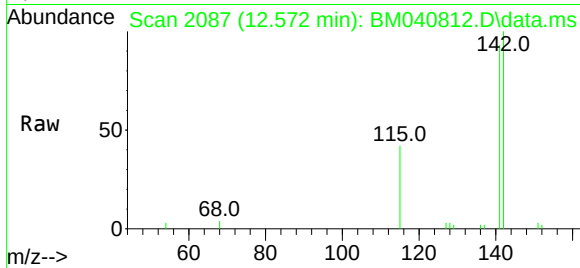
Tgt Ion:142 Resp: 8343
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.572 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43

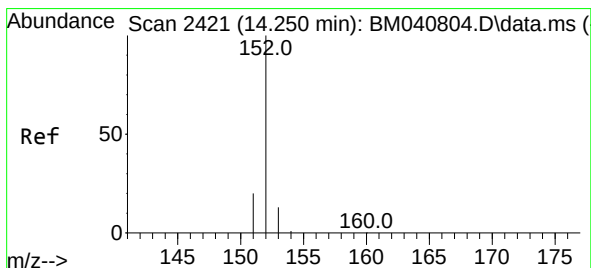
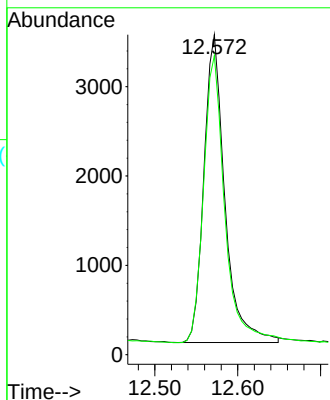
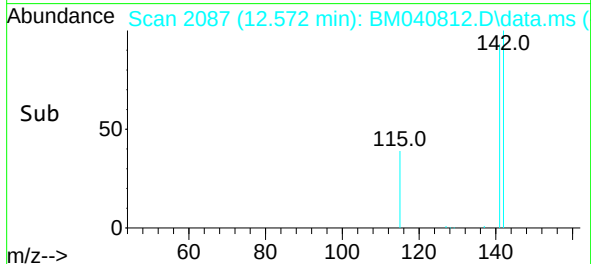
Instrument :
BNA_M
ClientSampleId :
A4636



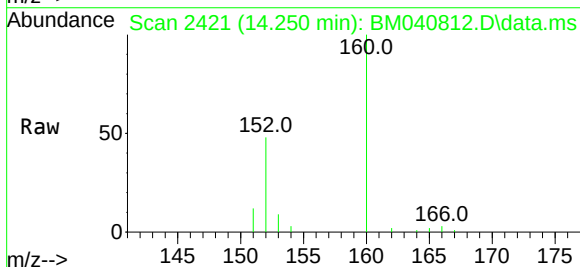
Tgt Ion:142 Resp: 6048
Ion Ratio Lower Upper
142 100
141 94.4 73.7 110.5

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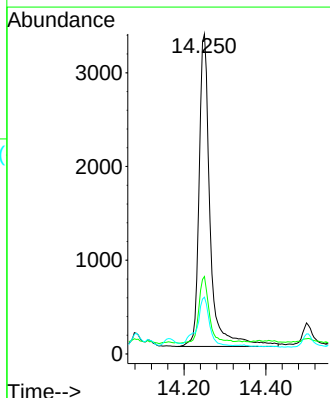
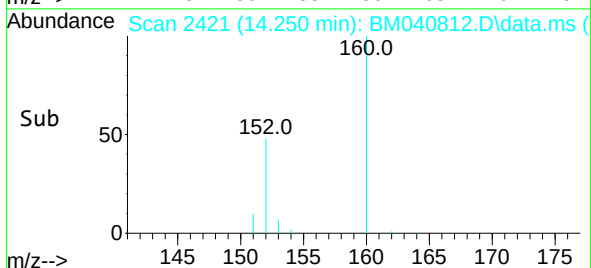
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

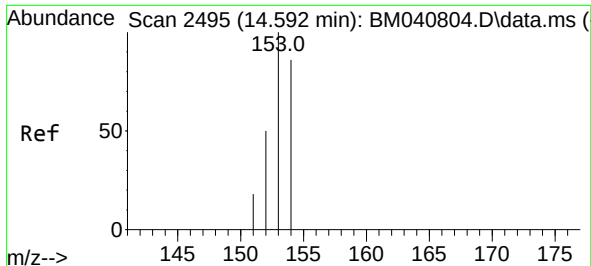


#10
Acenaphthylene
Concen: 0.255 ng/ul
RT: 14.250 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43



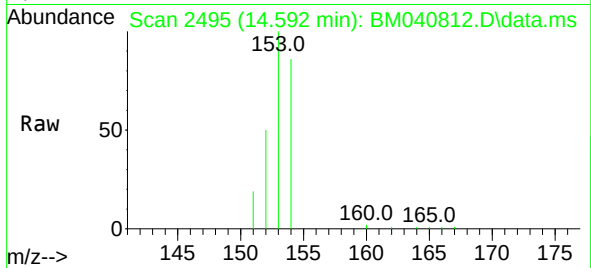
Tgt Ion:152 Resp: 6231
Ion Ratio Lower Upper
152 100
151 24.2 16.2 24.2
153 17.8 10.9 16.3#





#11
Acenaphthene
Concen: 1.022 ng/ul
RT: 14.592 min Scan# 2495
Delta R.T. -0.005 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43

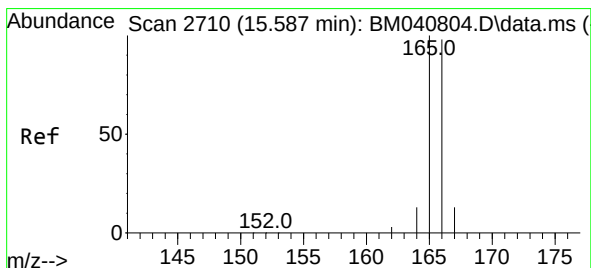
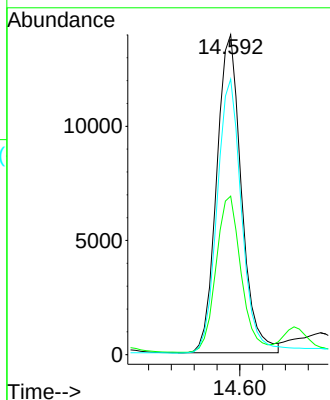
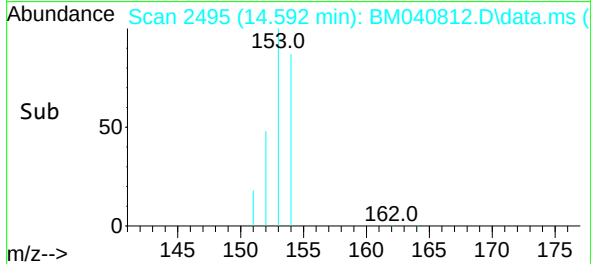
Instrument :
BNA_M
ClientSampleId :
A4636



Tgt Ion:153 Resp: 21050
Ion Ratio Lower Upper
153 100
152 49.6 41.0 61.4
154 86.1 70.8 106.2

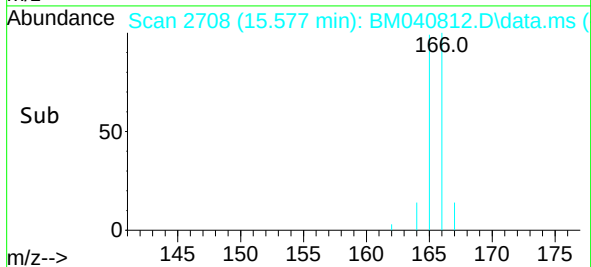
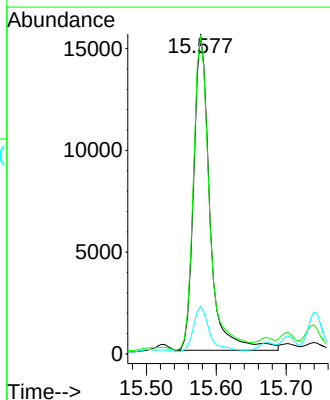
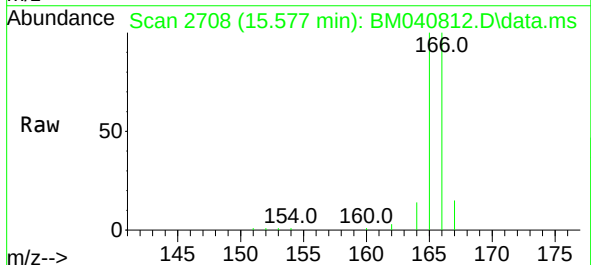
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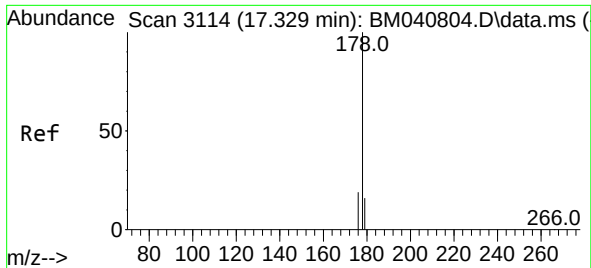
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#12
Fluorene
Concen: 1.137 ng/ul
RT: 15.577 min Scan# 2708
Delta R.T. -0.014 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43

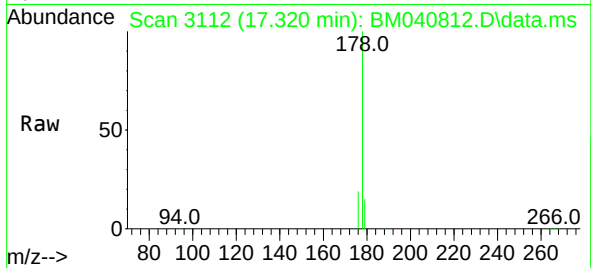
Tgt Ion:166 Resp: 24993
Ion Ratio Lower Upper
166 100
165 99.7 79.6 119.4
167 14.8 11.4 17.0





#15
Phenanthrene
Concen: 11.841 ng/ul
RT: 17.320 min Scan# 3112
Delta R.T. -0.013 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43

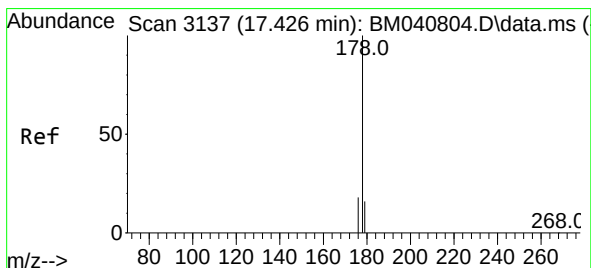
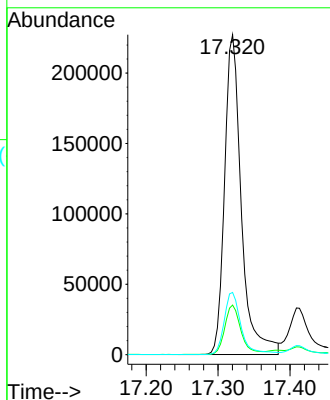
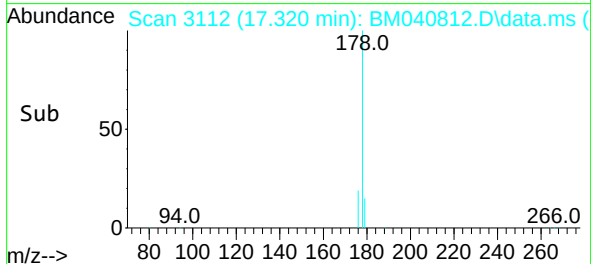
Instrument :
BNA_M
ClientSampleId :
A4636



Tgt Ion:178 Resp: 366820
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.4 16.4 24.6

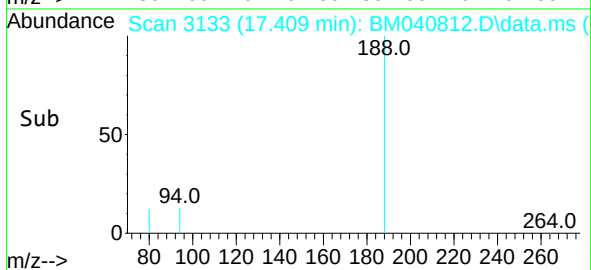
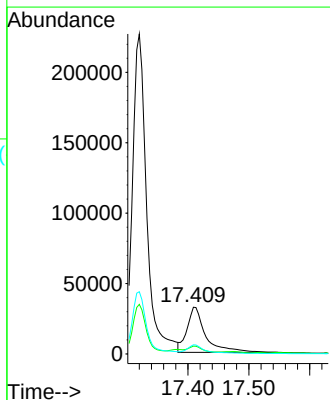
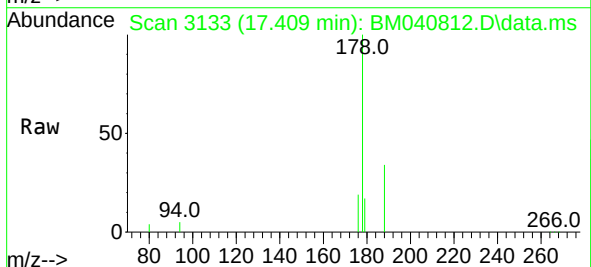
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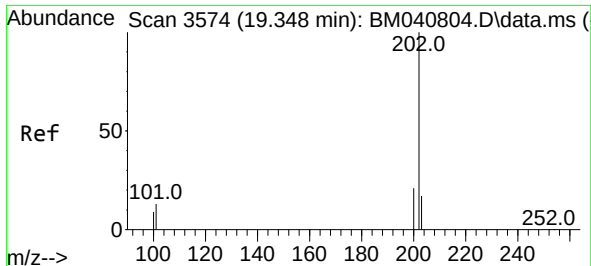
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#16
Anthracene
Concen: 2.602 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.021 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43

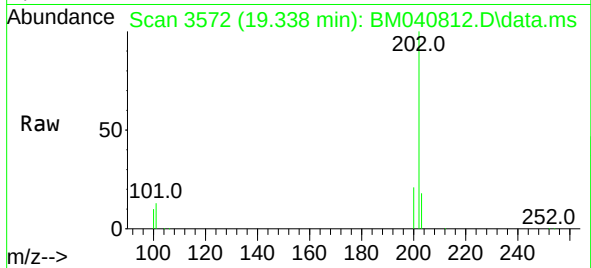
Tgt Ion:178 Resp: 67732
Ion Ratio Lower Upper
178 100
179 16.7 12.9 19.3
176 19.5 15.8 23.6





#19
Fluoranthene
Concen: 14.288 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. -0.014 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43

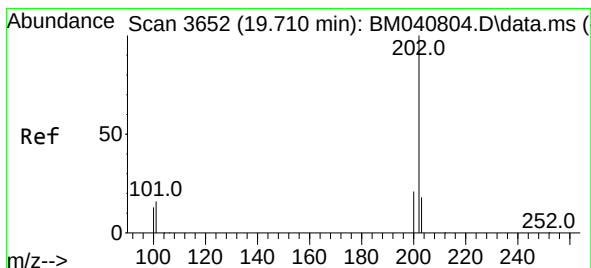
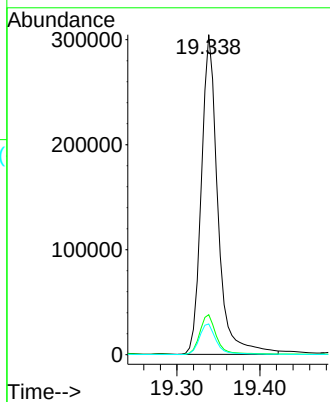
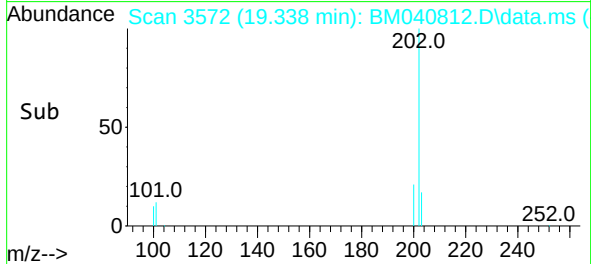
Instrument :
BNA_M
ClientSampleId :
A4636



Tgt Ion:202 Resp: 42266
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 9.6 8.7 13.1

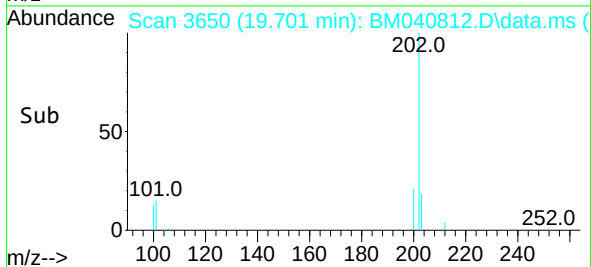
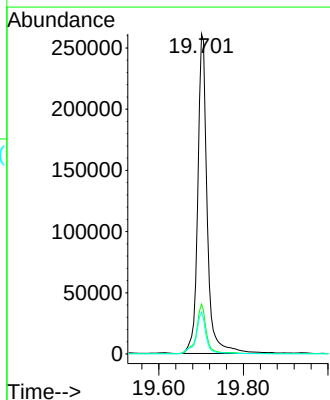
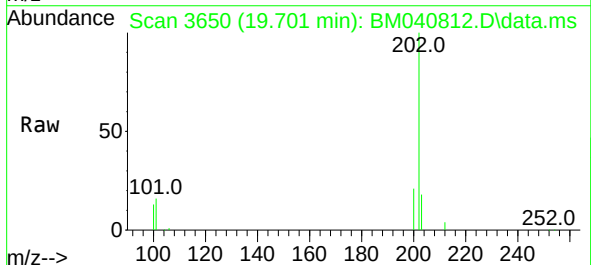
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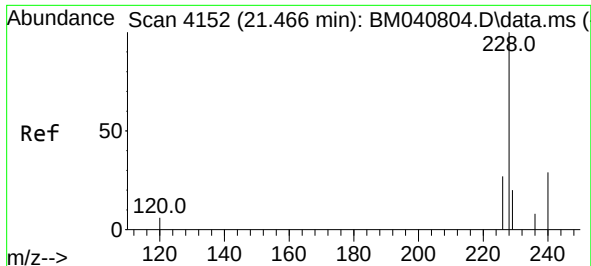
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#20
Pyrene
Concen: 12.761 ng/ul
RT: 19.701 min Scan# 3650
Delta R.T. -0.014 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43

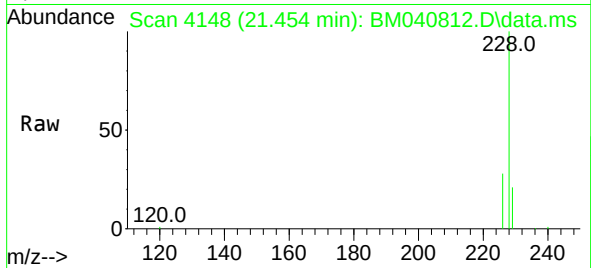
Tgt Ion:202 Resp: 404708
Ion Ratio Lower Upper
202 100
101 15.5 12.6 18.8
100 13.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 7.195 ng/ul
RT: 21.454 min Scan# 4152
Delta R.T. -0.015 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43

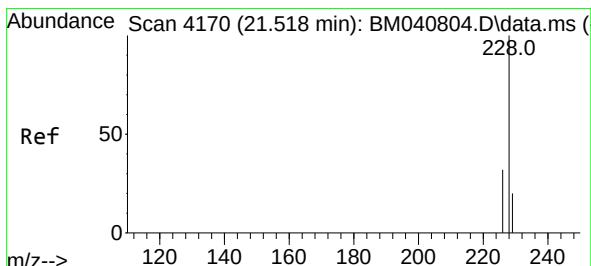
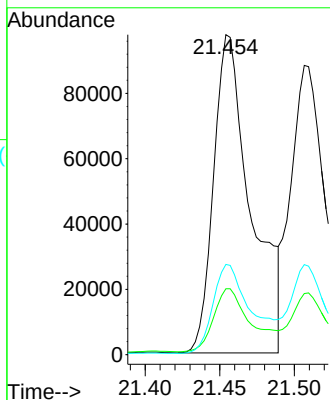
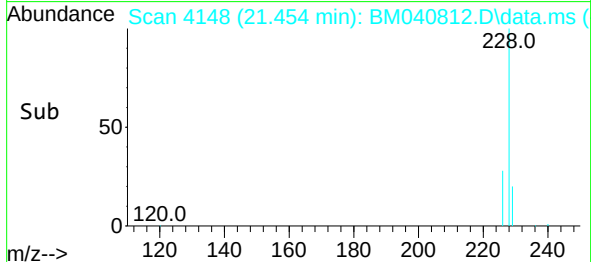
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Tgt Ion:228 Resp: 169474
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.2 22.3 33.5

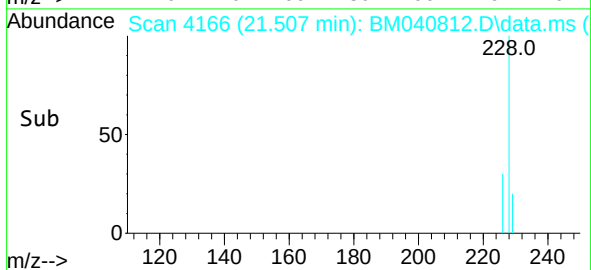
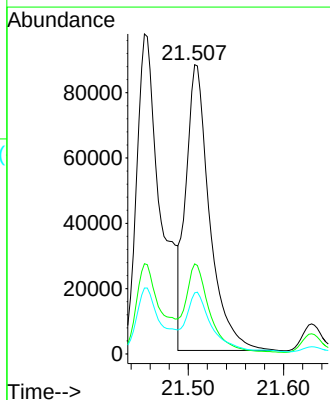
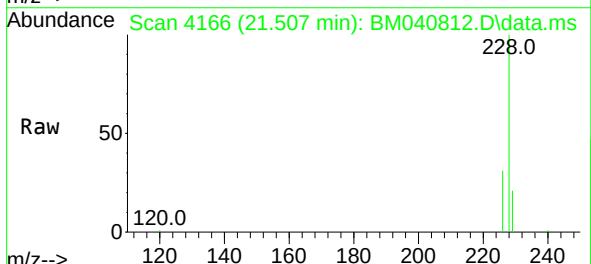
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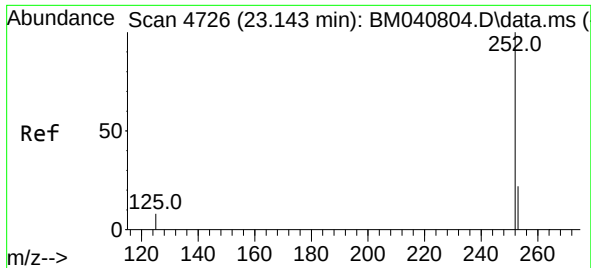
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#22
Chrysene
Concen: 5.631 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. -0.015 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43

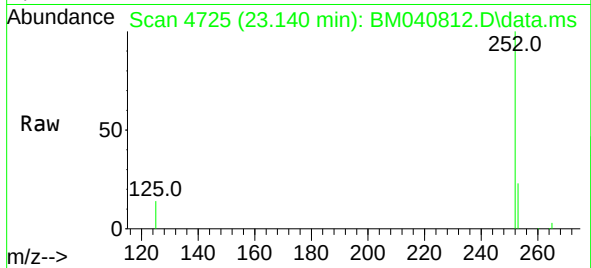
Tgt Ion:228 Resp: 151308
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 21.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 8.528 ng/ul
RT: 23.140 min Scan# 4726
Delta R.T. -0.009 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43

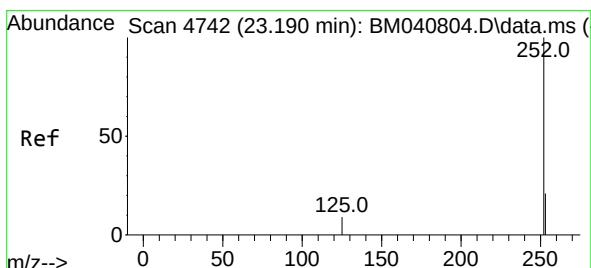
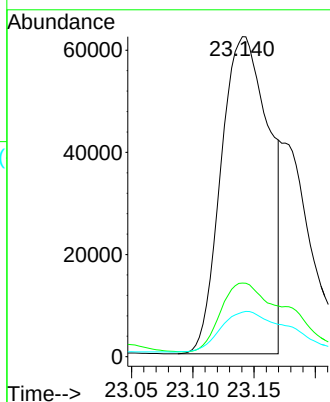
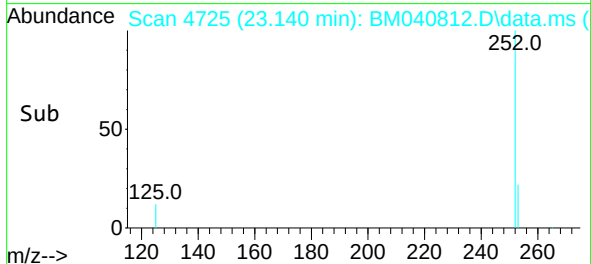
Instrument :
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Tgt Ion:252 Resp: 168340
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 13.9 0.0 43.0

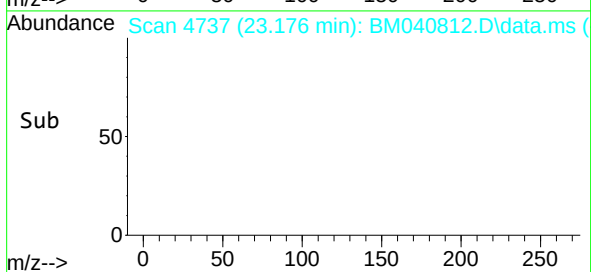
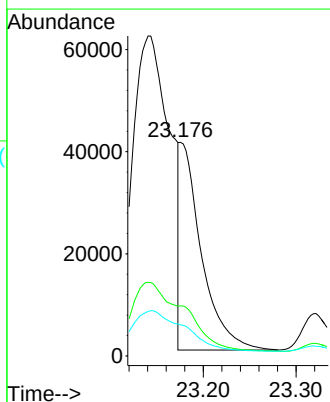
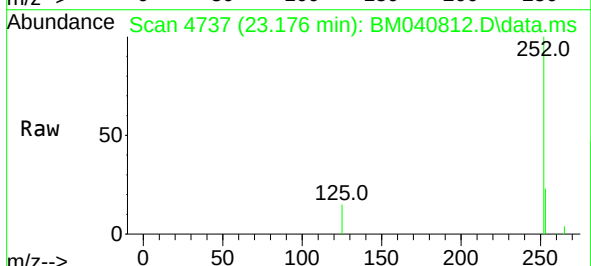
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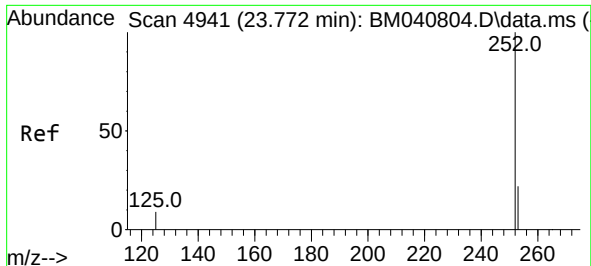
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#25
Benzo(k)fluoranthene
Concen: 3.392 ng/ul m
RT: 23.176 min Scan# 4737
Delta R.T. -0.020 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43

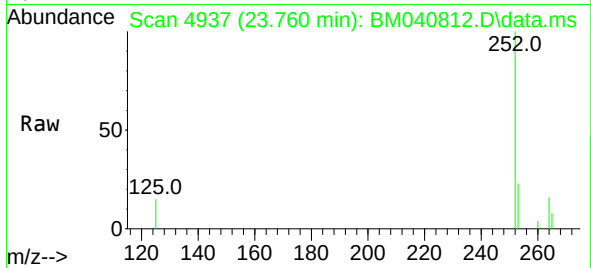
Tgt Ion:252 Resp: 66001
Ion Ratio Lower Upper
252 100
253 23.4 21.2 31.8
125 14.5 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 6.091 ng/u1
RT: 23.760 min Scan# 4941
Delta R.T. -0.015 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43

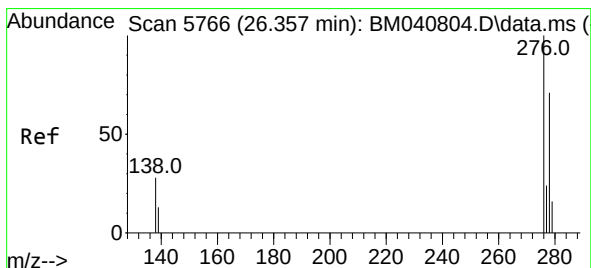
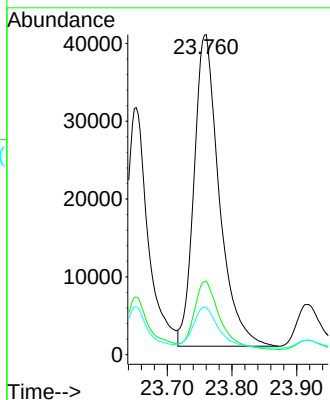
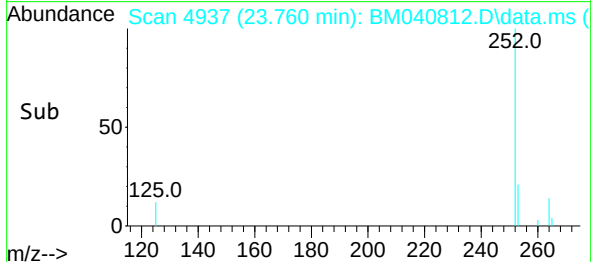
Instrument :
BNA_M
ClientSampleId :
A4636



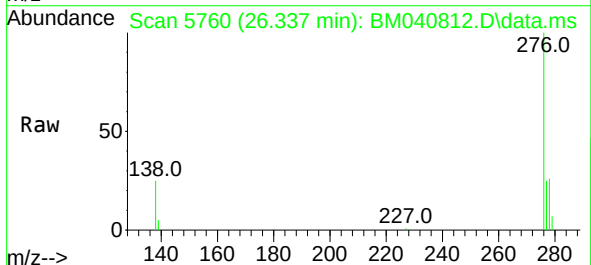
Tgt Ion:252 Resp: 108315
Ion Ratio Lower Upper
252 100
253 23.0 22.9 34.3
125 14.8 21.0 31.4

Manual Integrations
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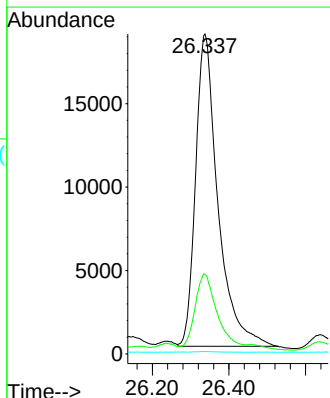
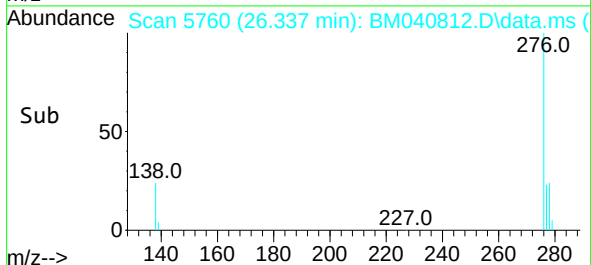
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

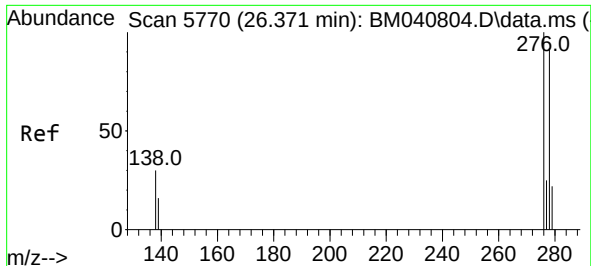


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.067 ng/u1
RT: 26.337 min Scan# 5760
Delta R.T. -0.023 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43



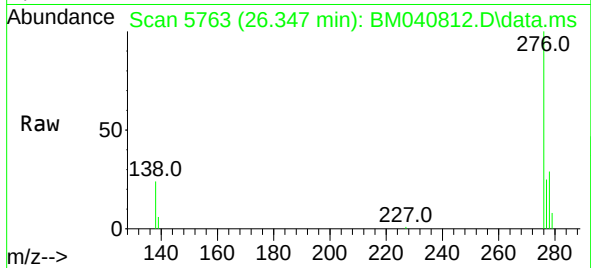
Tgt Ion:276 Resp: 75955
Ion Ratio Lower Upper
276 100
138 25.1 24.5 36.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.020 ng/ul
RT: 26.347 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43

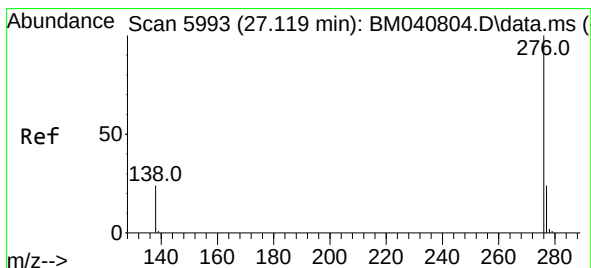
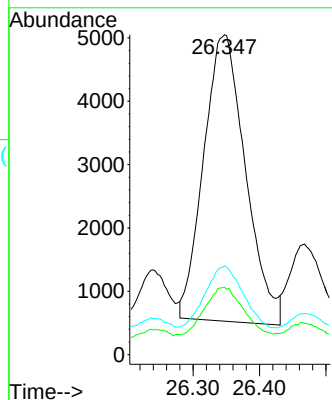
Instrument :
BNA_M
ClientSampleId :
A4636



Tgt Ion:278 Resp: 1978
Ion Ratio Lower Upper
278 100
139 21.1 17.9 26.9
279 27.9 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#29
Benzo(g,h,i)perylene
Concen: 0.609 ng/ul
RT: 27.095 min Scan# 5986
Delta R.T. -0.023 min
Lab File: BM040812.D
Acq: 11 Jul 2023 14:43

Tgt Ion:276 Resp: 13215
Ion Ratio Lower Upper
276 100
138 29.9 23.0 34.6
277 28.0 20.3 30.5

