

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037032.D
 Acq On : 14 Oct 2022 00:43
 Operator : CG/JU
 Sample : N5024-02DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BE8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 14 01:16:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	6500	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.743	136	23534	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.566	164	12935	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	25308	0.400	ng/ul	0.00
17) Chrysene-d12	21.474	240	15520	0.400	ng/ul	-0.01
23) Perylene-d12	23.865	264	11272	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	5268	0.575	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	1353	0.038	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	2368	0.051	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	12937	0.192	ng/ul	98
7) 2-Methylnaphthalene	12.404	142	2800	0.068	ng/ul	93
8) 1-Methylnaphthalene	12.618	142	2347	0.056	ng/ul	99
10) Acenaphthylene	14.288	152	11944	0.222	ng/ul	100
11) Acenaphthene	14.626	153	2182	0.047	ng/ul	97
12) Fluorene	15.611	166	2482	0.047	ng/ul#	97
15) Phenanthrene	17.347	178	147437	1.825	ng/ul	98
16) Anthracene	17.436	178	14044	0.208	ng/ul	99
19) Fluoranthene	19.354	202	197678	3.202	ng/ul	99
20) Pyrene	19.717	202	154150	2.395	ng/ul	98
21) Benzo(a)anthracene	21.459	228	34201	0.610	ng/ul	99
22) Chrysene	21.512	228	49667	0.825	ng/ul	99
24) Benzo(b)fluoranthene	23.139	252	63635	1.264	ng/ul	90
25) Benzo(k)fluoranthene	23.180	252	19824m	0.404	ng/ul	
26) Benzo(a)pyrene	23.759	252	28146	0.689	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.343	276	25156	0.435	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.356	278	5599	0.120	ng/ul#	87
29) Benzo(g,h,i)perylene	27.108	276	22519	0.442	ng/ul	99

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

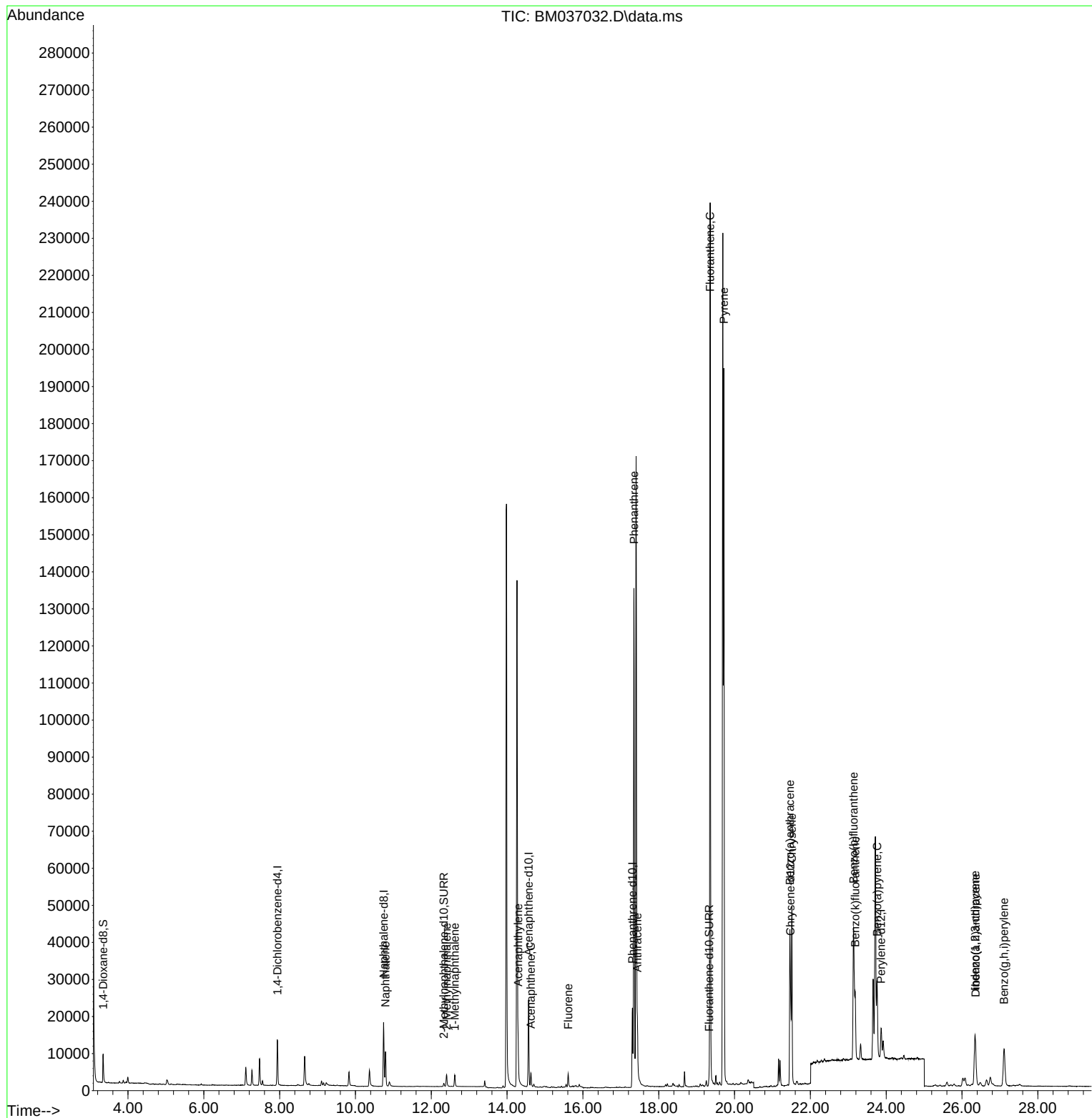
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037032.D
Acq On : 14 Oct 2022 00:43
Operator : CG/JU
Sample : N5024-02DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

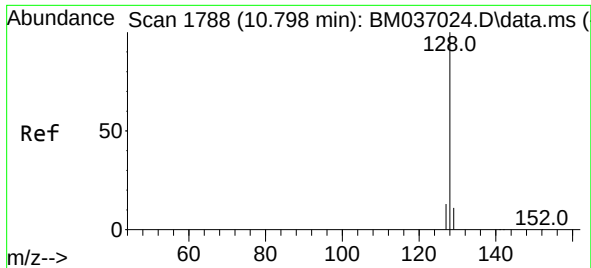
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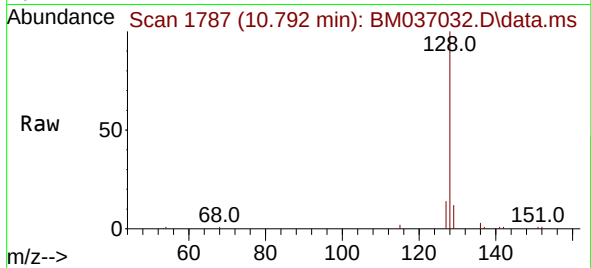
Quant Time: Oct 14 01:16:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.192 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.011 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43

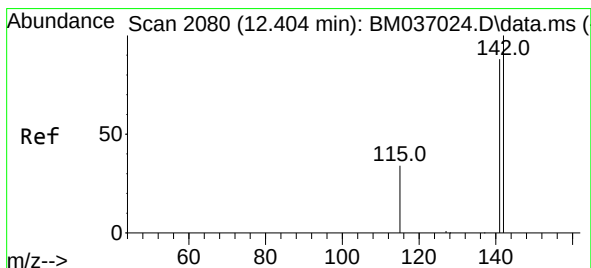
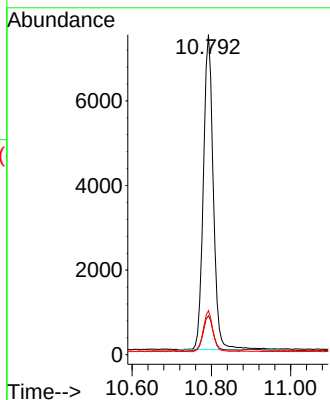
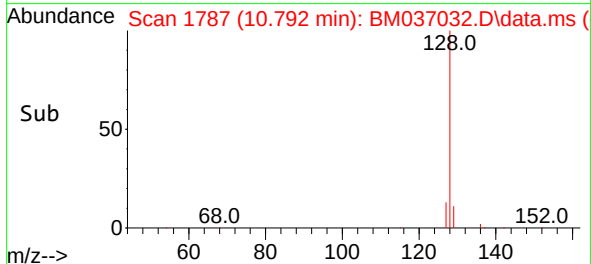
Instrument :
BNA_M
ClientSampleId :
C0BE8DL



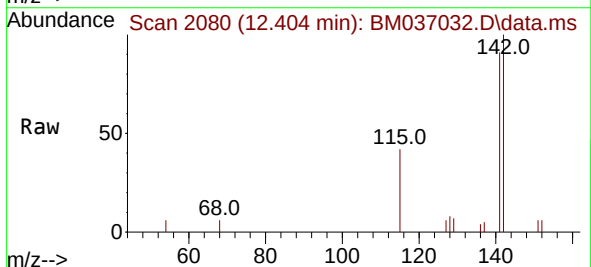
Tgt Ion:128 Resp: 1293
Ion Ratio Lower Upper
128 100
129 12.1 10.2 15.2
127 13.8 11.7 17.5

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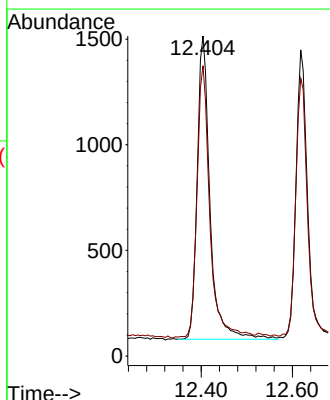
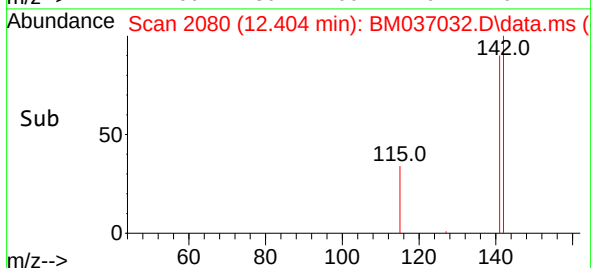
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

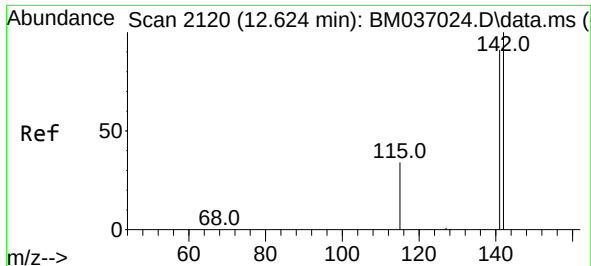


#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43



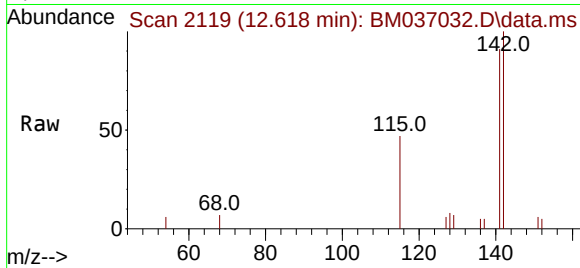
Tgt Ion:142 Resp: 2800
Ion Ratio Lower Upper
142 100
141 90.3 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43

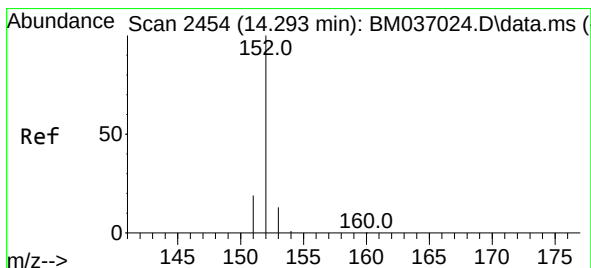
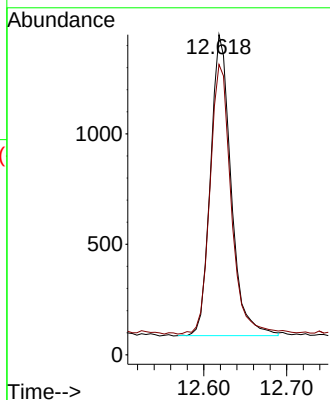
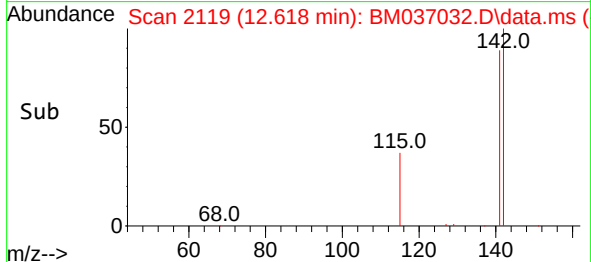
Instrument :
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C0BE8DL



Tgt Ion:142 Resp: 234
Ion Ratio Lower Upper
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141 91.7 74.1 111.1

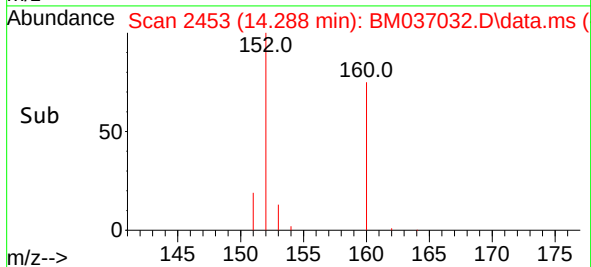
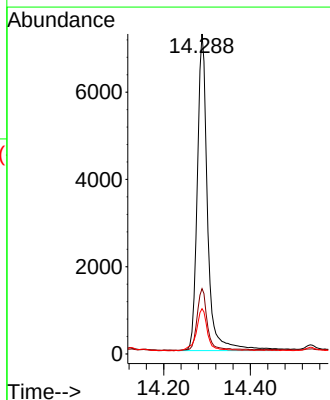
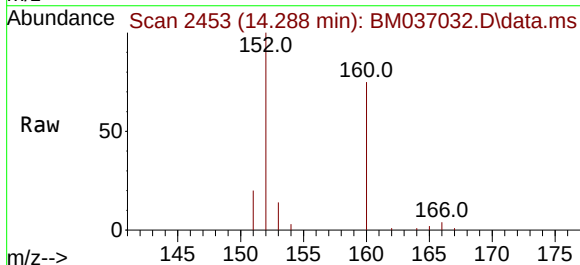
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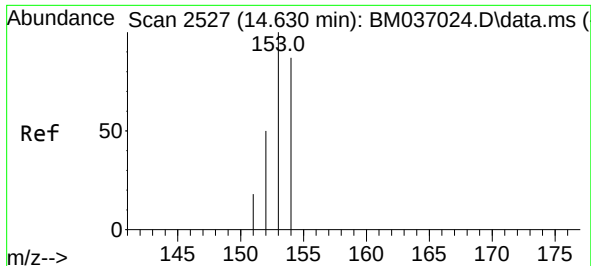
Reviewed By :Jagrut Upadhyay 10/14/2022
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#10
Acenaphthylene
Concen: 0.222 ng/ul
RT: 14.288 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43

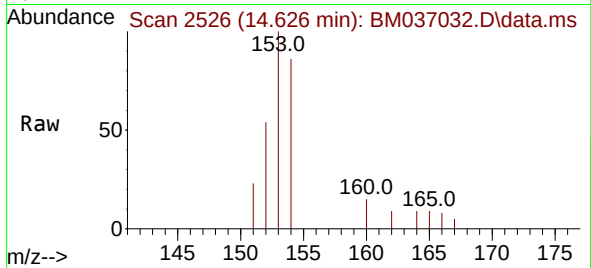
Tgt Ion:152 Resp: 11944
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 14.2 11.4 17.0





#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.626 min Scan# 2182
Delta R.T. -0.014 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43

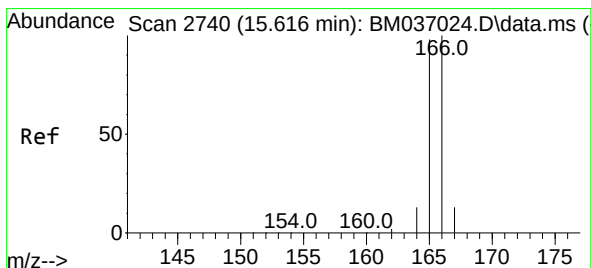
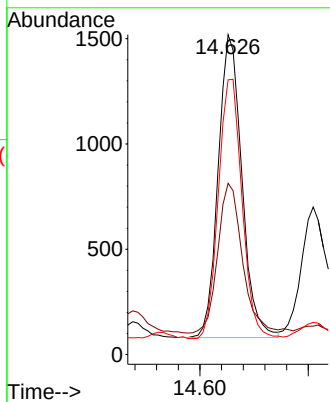
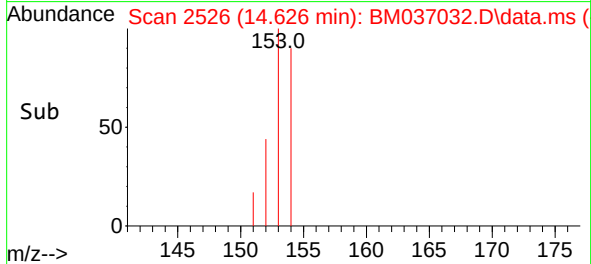
Instrument :
BNA_M
ClientSampleId :
C0BE8DL



Tgt Ion:153 Resp: 2182
Ion Ratio Lower Upper
153 100
152 53.5 40.2 60.4
154 85.9 69.7 104.5

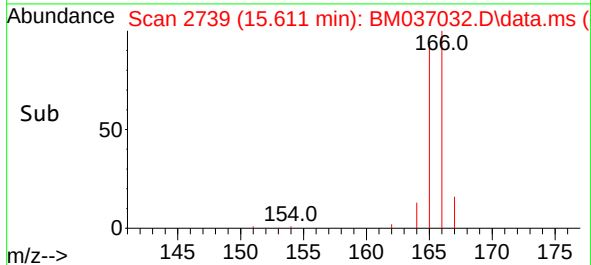
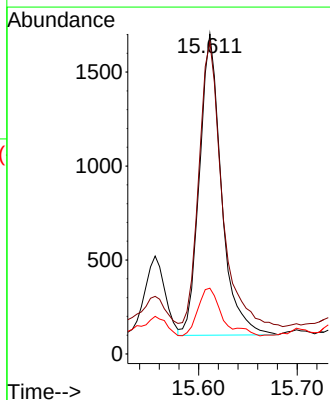
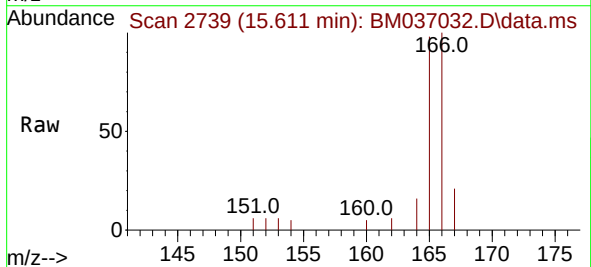
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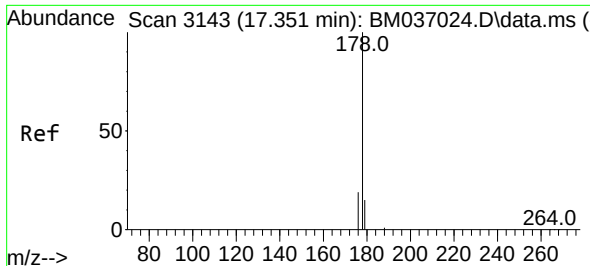
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#12
Fluorene
Concen: 0.047 ng/ul
RT: 15.611 min Scan# 2739
Delta R.T. -0.009 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43

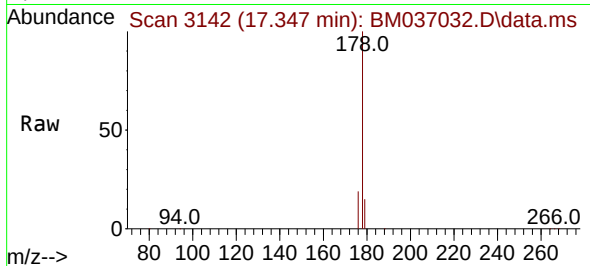
Tgt Ion:166 Resp: 2482
Ion Ratio Lower Upper
166 100
165 97.5 78.9 118.3
167 20.6 11.3 16.9#





#15
Phenanthrene
Concen: 1.825 ng/ul
RT: 17.347 min Scan# 3143
Delta R.T. -0.008 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43

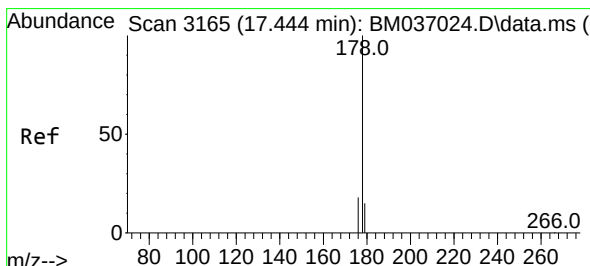
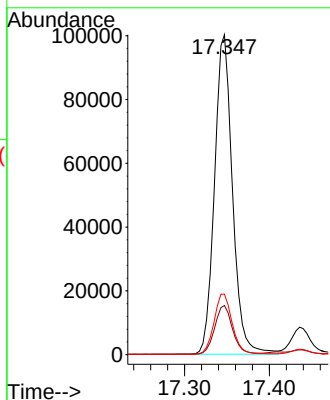
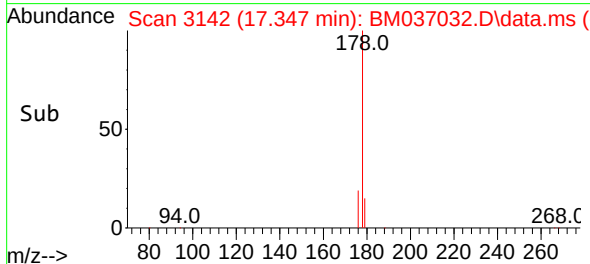
Instrument :
BNA_M
ClientSampleId :
C0BE8DL



Tgt Ion:178 Resp: 14743
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 18.9 15.6 23.4

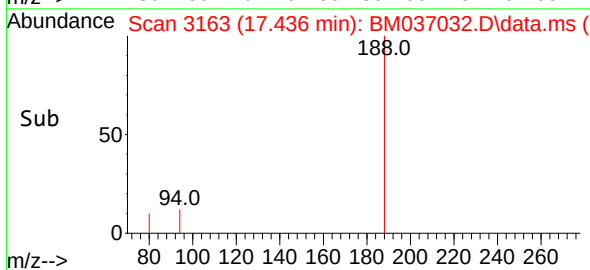
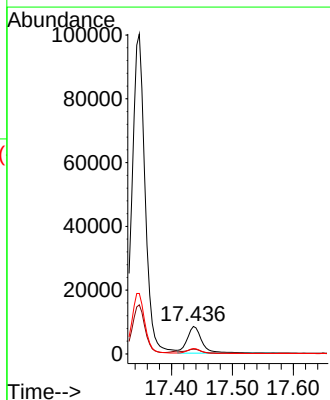
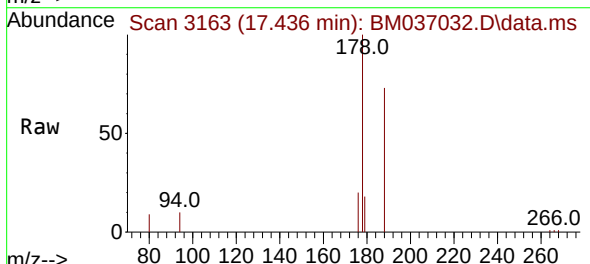
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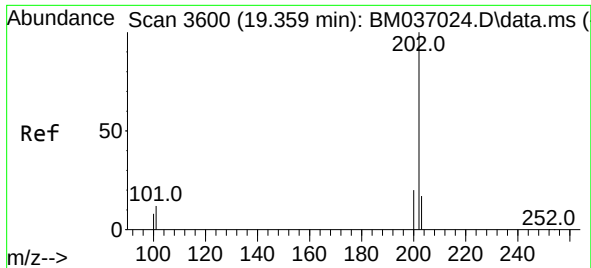
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#16
Anthracene
Concen: 0.208 ng/ul
RT: 17.436 min Scan# 3163
Delta R.T. -0.013 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43

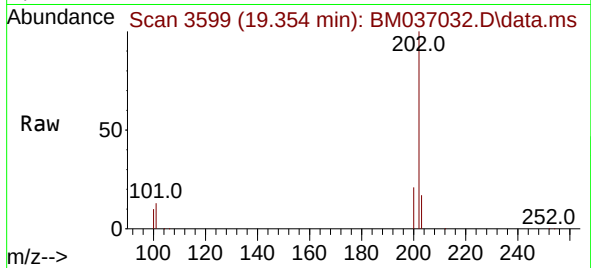
Tgt Ion:178 Resp: 14044
Ion Ratio Lower Upper
178 100
179 17.6 13.6 20.4
176 19.9 15.6 23.4





#19
Fluoranthene
Concen: 3.202 ng/u1
RT: 19.354 min Scan# 3599
Delta R.T. -0.009 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43

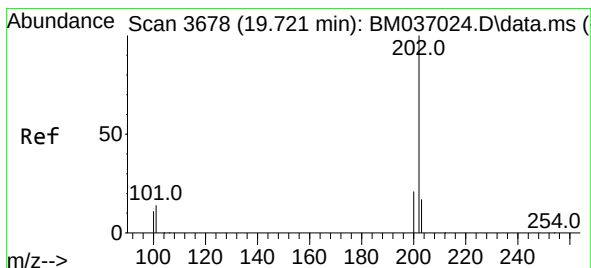
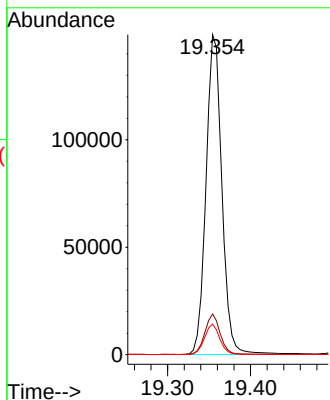
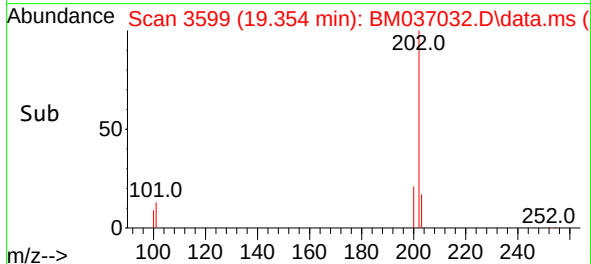
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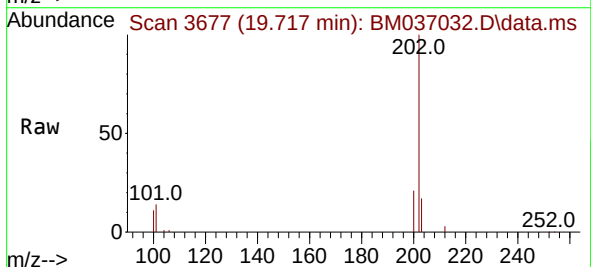
Tgt Ion:202 Resp: 197678
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 9.6 7.9 11.9

Manual Integrations
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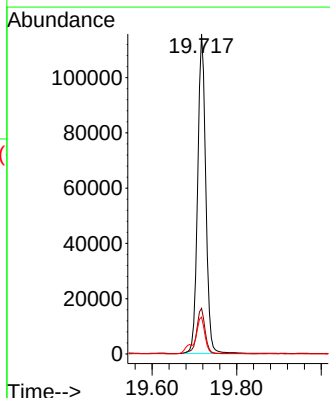
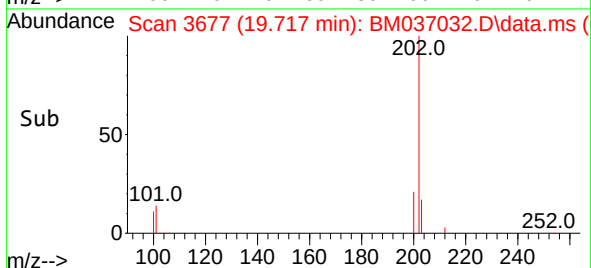
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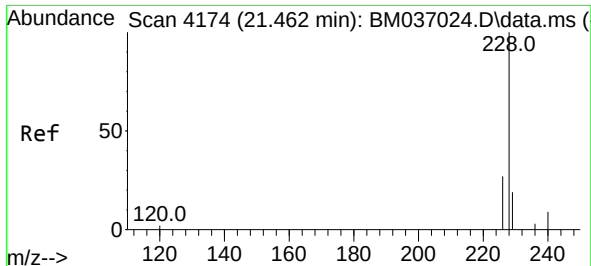


#20
Pyrene
Concen: 2.395 ng/u1
RT: 19.717 min Scan# 3677
Delta R.T. -0.009 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43



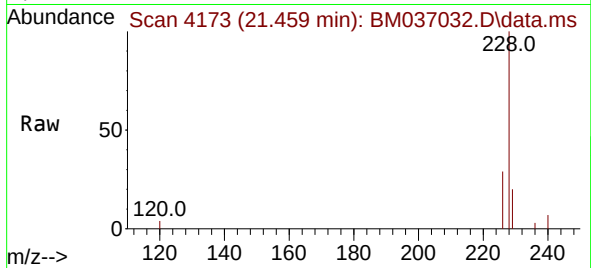
Tgt Ion:202 Resp: 154150
Ion Ratio Lower Upper
202 100
101 14.2 12.0 18.0
100 11.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.610 ng/u1
RT: 21.459 min Scan# 4173
Delta R.T. -0.009 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43

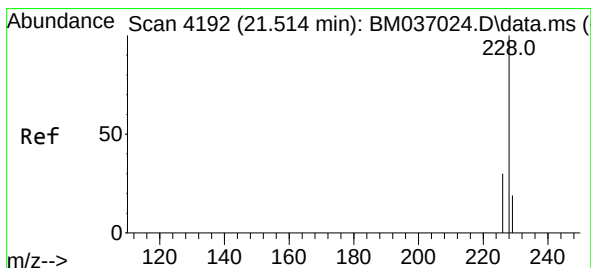
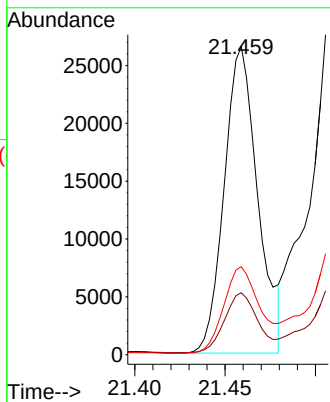
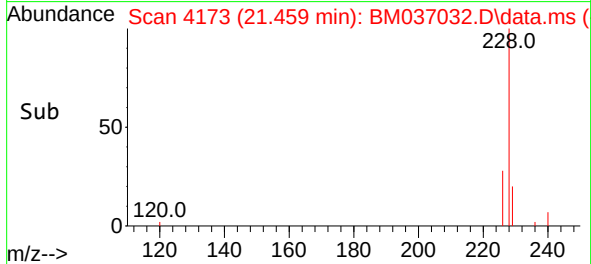
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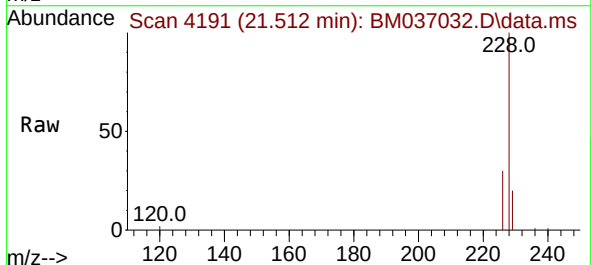
Tgt Ion:228 Resp: 3420
Ion Ratio Lower Upper
228 100
229 20.1 16.2 24.2
226 28.5 22.5 33.7

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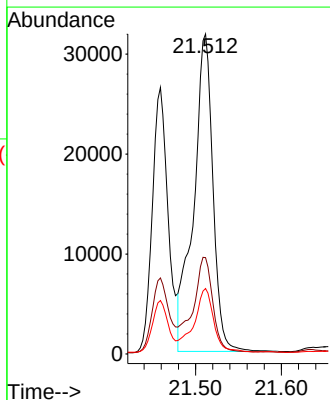
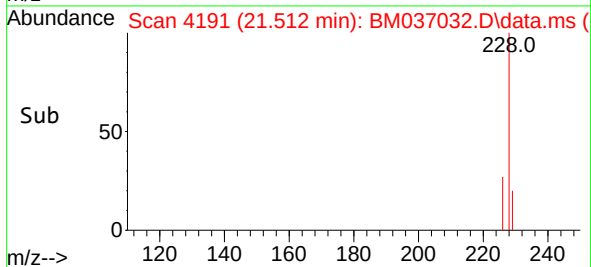
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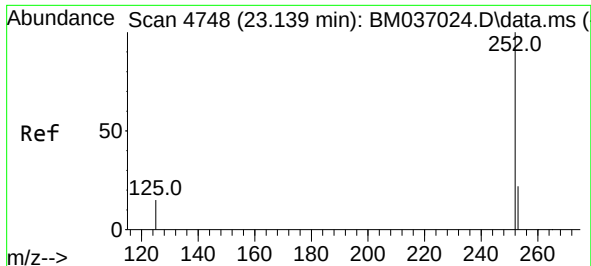


#22
Chrysene
Concen: 0.825 ng/u1
RT: 21.512 min Scan# 4191
Delta R.T. -0.009 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43



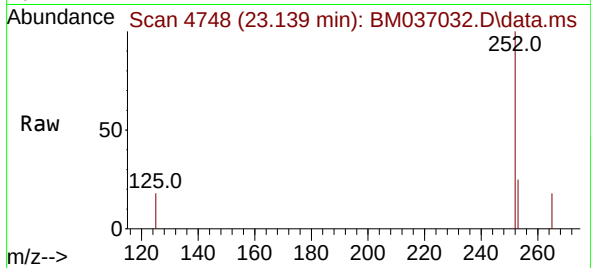
Tgt Ion:228 Resp: 49667
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 20.5 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.264 ng/ul
RT: 23.139 min Scan# 4748
Delta R.T. -0.006 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43

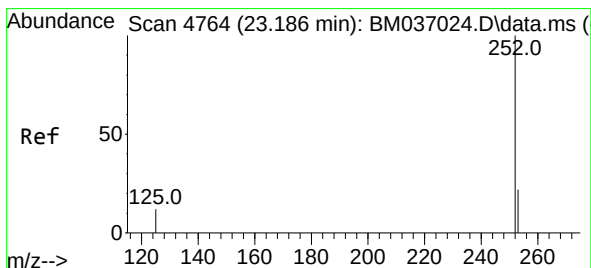
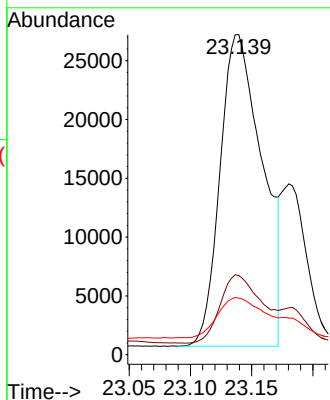
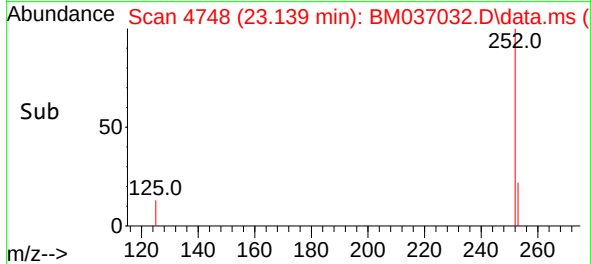
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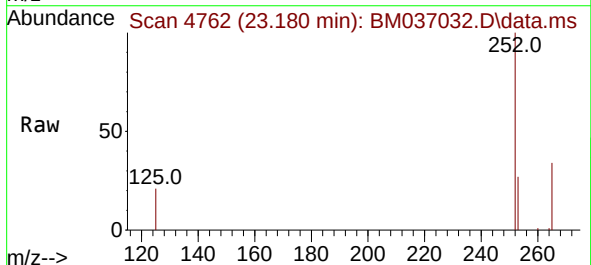
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Ion Ratio Lower Upper
252 100
253 24.7 0.0 61.4
125 17.7 0.0 42.6

Manual Integrations
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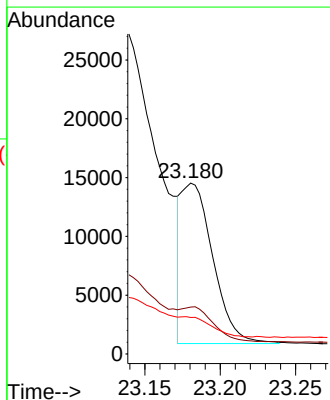
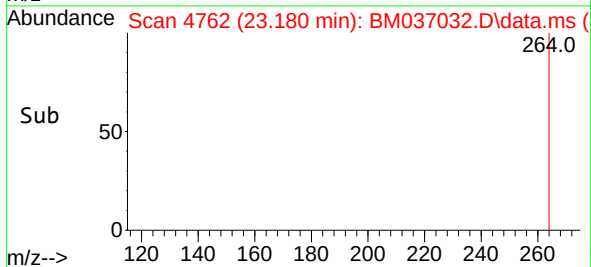
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

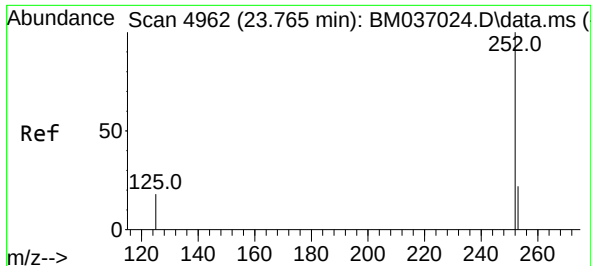


#25
Benzo(k)fluoranthene
Concen: 0.404 ng/ul m
RT: 23.180 min Scan# 4762
Delta R.T. -0.015 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43



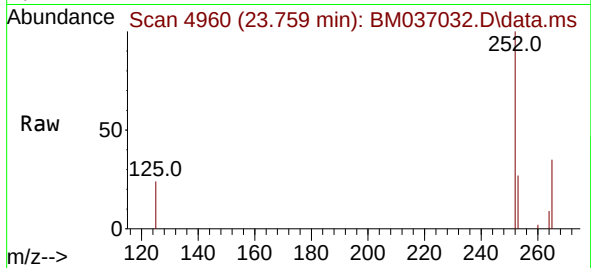
Tgt Ion:252 Resp: 19824
Ion Ratio Lower Upper
252 100
253 27.4 25.2 37.8
125 21.3 18.3 27.5





#26
Benzo(a)pyrene
Concen: 0.689 ng/ul
RT: 23.759 min Scan# 4962
Delta R.T. -0.012 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43

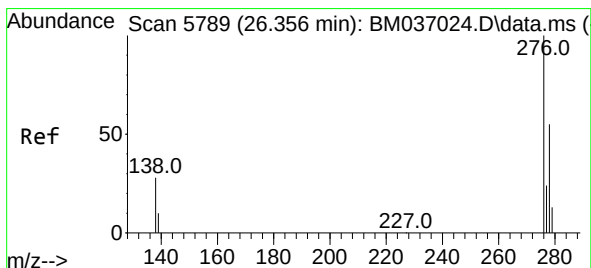
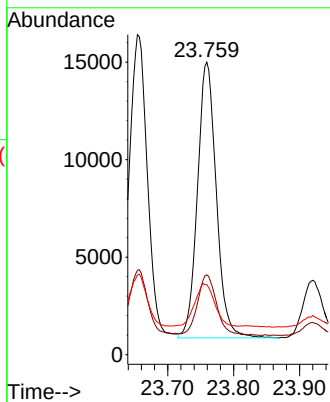
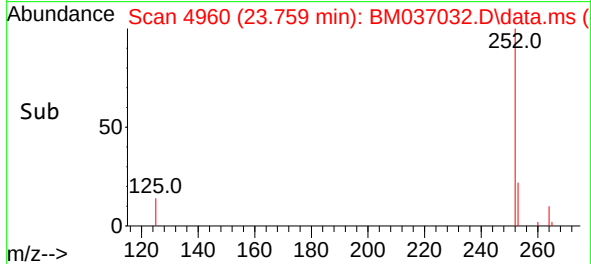
Instrument :
BNA_M
ClientSampleId :
C0BE8DL



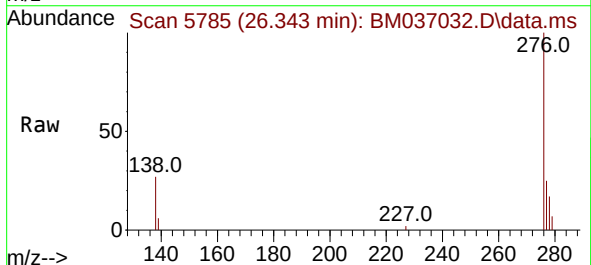
Tgt Ion:252 Resp: 28140
Ion Ratio Lower Upper
252 100
253 27.3 29.7 44.5
125 24.0 23.6 35.4

Manual Integrations
APPROVED

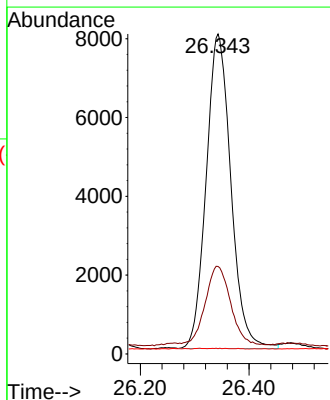
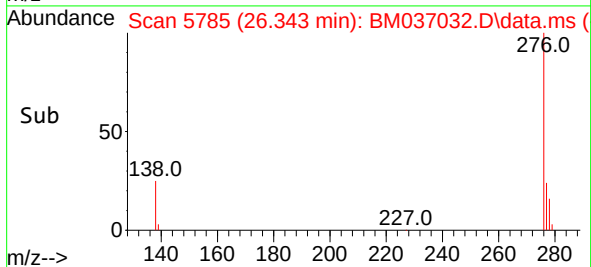
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

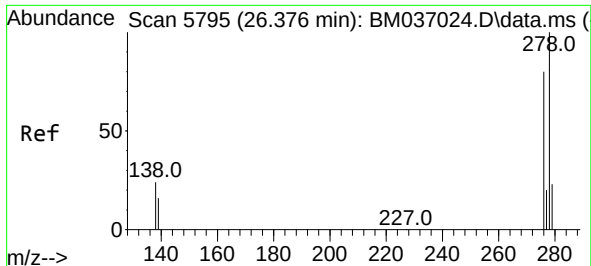


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 26.343 min Scan# 5785
Delta R.T. -0.020 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43



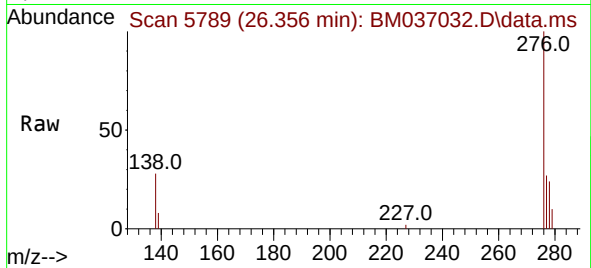
Tgt Ion:276 Resp: 25156
Ion Ratio Lower Upper
276 100
138 25.7 23.9 35.9
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.120 ng/ul
RT: 26.356 min Scan# 5789
Delta R.T. -0.023 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43

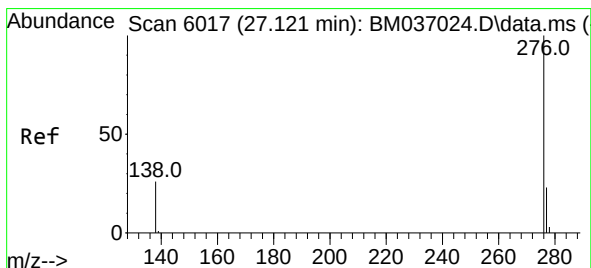
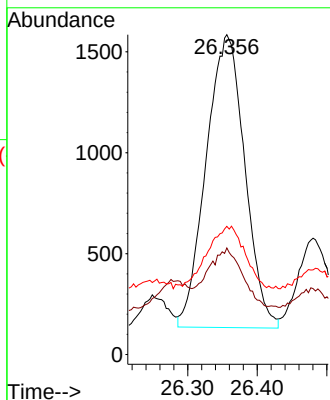
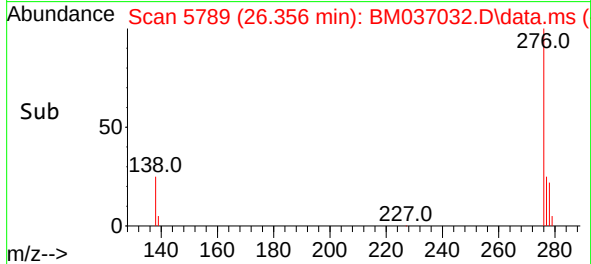
Instrument :
BNA_M
ClientSampleId :
C0BE8DL



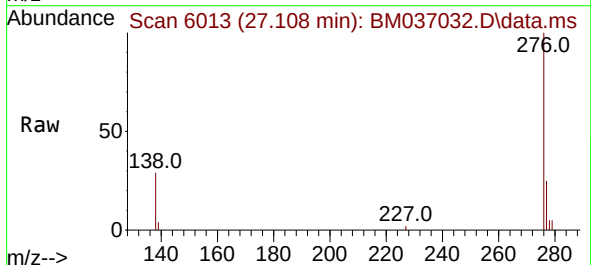
Tgt Ion: 278 Resp: 5599
Ion Ratio Lower Upper
278 100
139 33.3 19.8 29.6
279 40.1 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#29
Benzo(g,h,i)perylene
Concen: 0.442 ng/ul
RT: 27.108 min Scan# 6013
Delta R.T. -0.020 min
Lab File: BM037032.D
Acq: 14 Oct 2022 00:43



Tgt Ion: 276 Resp: 22519
Ion Ratio Lower Upper
276 100
138 29.2 23.4 35.0
277 25.3 21.0 31.4

