

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040374.D
 Acq On : 23 Jun 2023 14:17
 Operator : MA/JU
 Sample : 03084-02DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFL9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 24 01:36:54 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 : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	6603	0.400	ng/ul	0.00
4) Naphthalene-d8	10.761	136	23484	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	11499	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	22342	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	16960	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	14972	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	5515	0.532	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	1333	0.040	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	2293	0.042	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.811	128	3913	0.060	ng/ul#	91
7) 2-Methylnaphthalene	12.422	142	1935	0.051	ng/ul	97
8) 1-Methylnaphthalene	12.642	142	1243	0.033	ng/ul	93
10) Acenaphthylene	14.309	152	6573	0.128	ng/ul	95
11) Acenaphthene	14.651	153	2082	0.048	ng/ul	96
12) Fluorene	15.636	166	2070	0.045	ng/ul#	95
15) Phenanthrene	17.374	178	66983	0.965	ng/ul	99
16) Anthracene	17.467	178	11143	0.191	ng/ul	96
19) Fluoranthene	19.389	202	192403	2.671	ng/ul	97
20) Pyrene	19.751	202	155279	2.010	ng/ul	99
21) Benzo(a)anthracene	21.497	228	72692	1.267	ng/ul	99
22) Chrysene	21.550	228	95103	1.453	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	130676	2.255	ng/ul	91
25) Benzo(k)fluoranthene	23.236	252	43579m	0.763	ng/ul	
26) Benzo(a)pyrene	23.818	252	70442	1.350	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.430	276	56006	0.771	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.440	278	13219	0.232	ng/ul	95
29) Benzo(g,h,i)perylene	27.205	276	53187	0.835	ng/ul	97

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

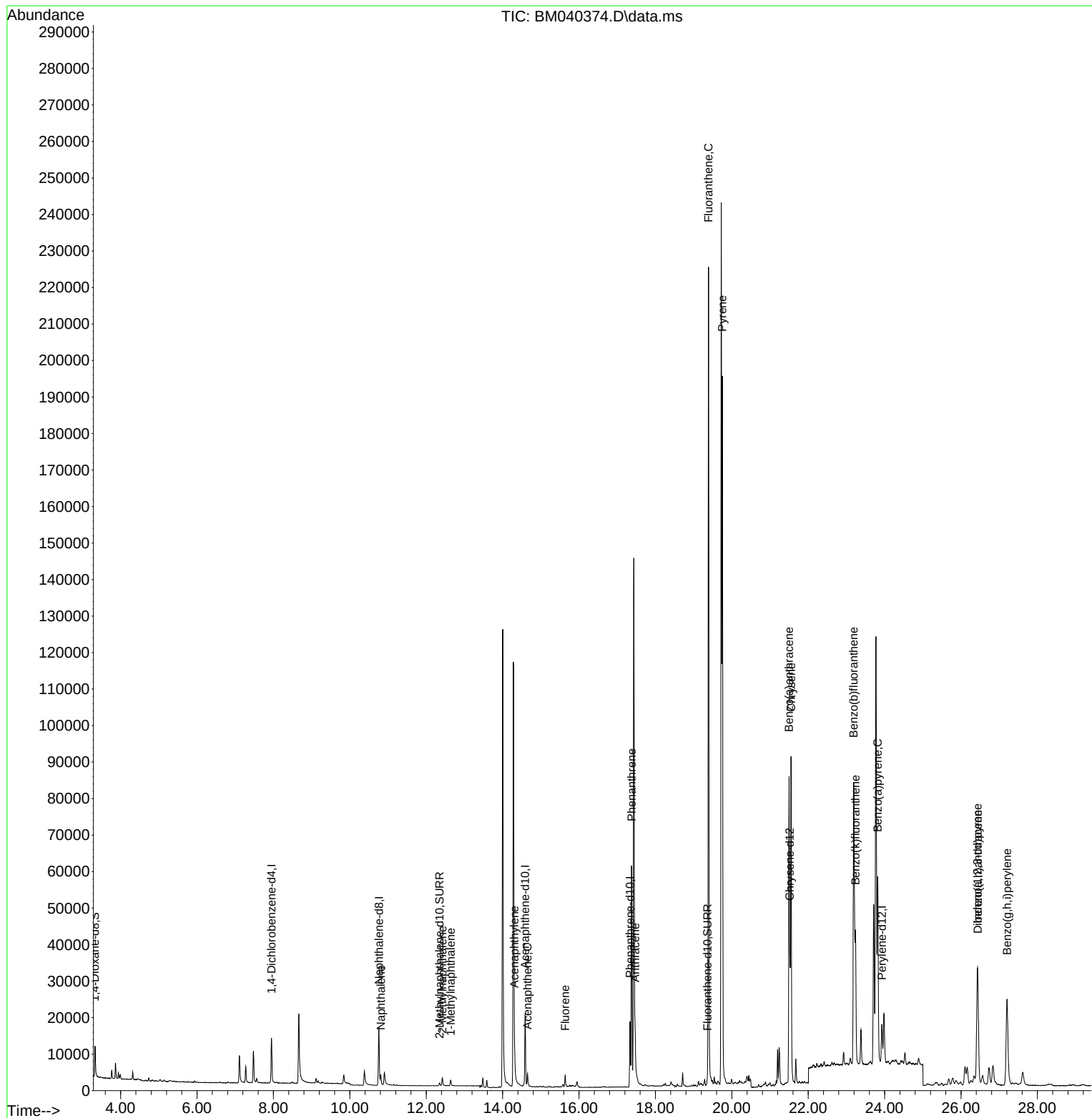
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040374.D
Acq On : 23 Jun 2023 14:17
Operator : MA/JU
Sample : 03084-02DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

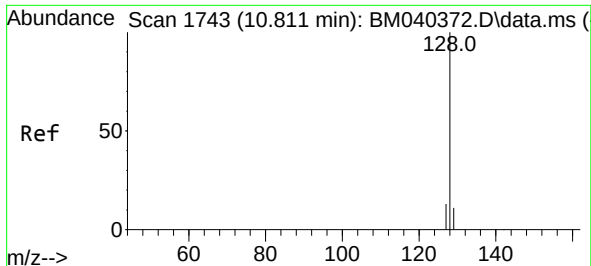
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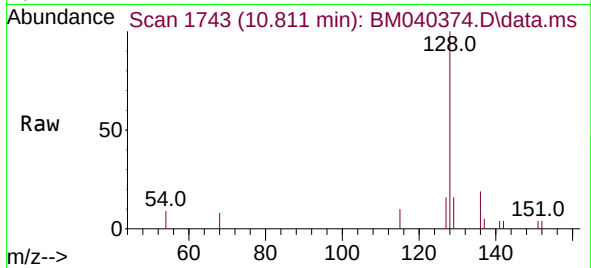
Quant Time: Jun 24 01:36:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
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#5
Naphthalene
Concen: 0.060 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17

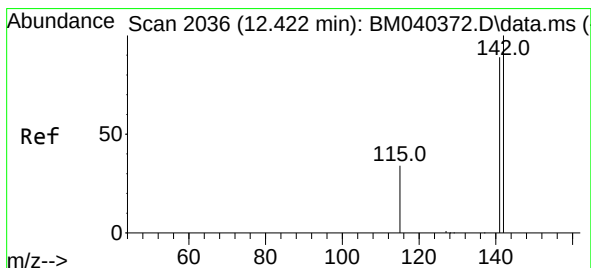
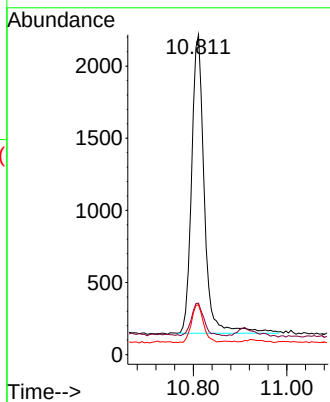
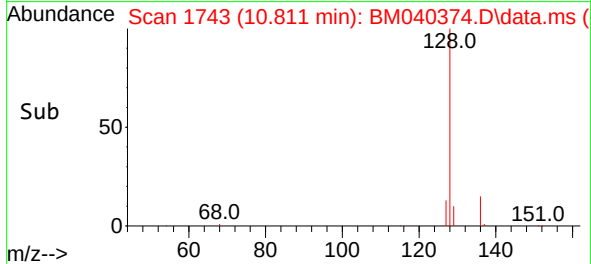
Instrument :
BNA_M
ClientSampleId :
DCFL9DL



Tgt Ion:128 Resp: 391
Ion Ratio Lower Upper
128 100
129 16.1 9.2 13.8
127 15.6 10.6 15.8

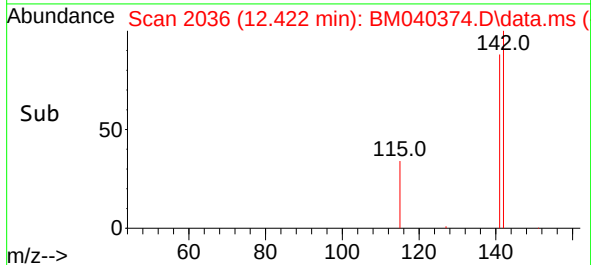
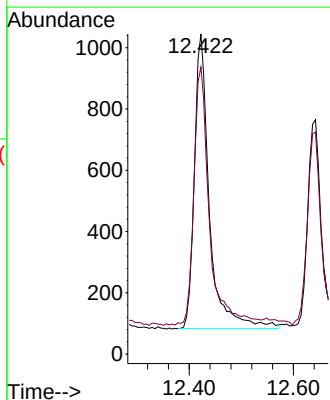
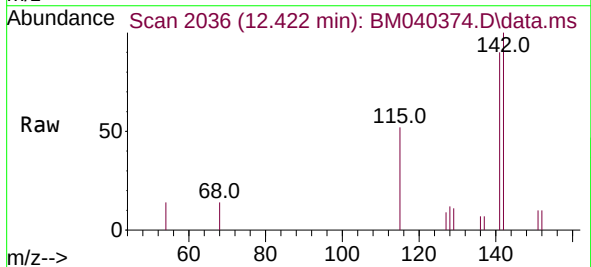
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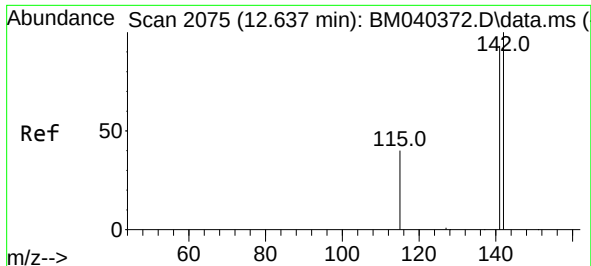
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#7
2-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17

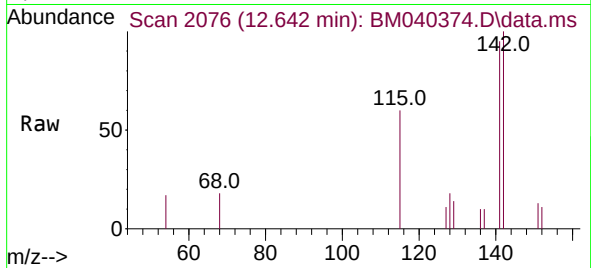
Tgt Ion:142 Resp: 1935
Ion Ratio Lower Upper
142 100
141 92.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.642 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17

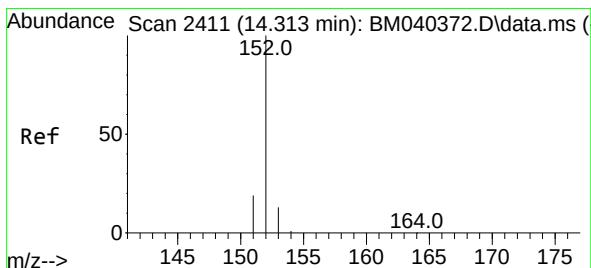
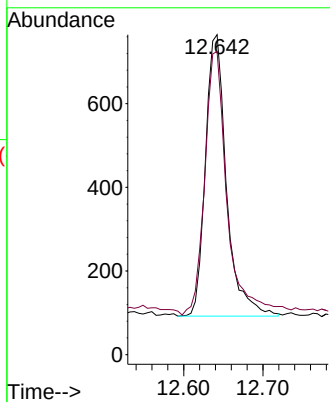
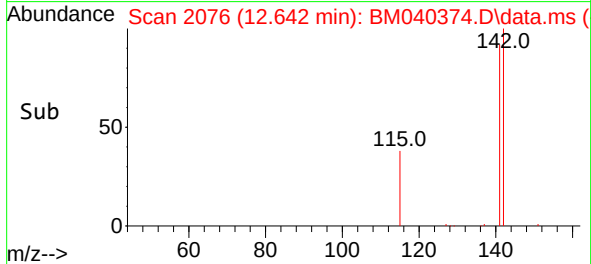
Instrument :
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Tgt Ion:142 Resp: 124
Ion Ratio Lower Upper
142 100
141 98.4 73.7 110.5

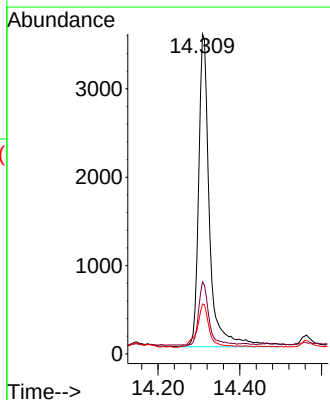
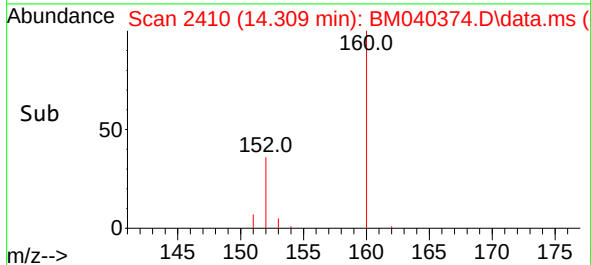
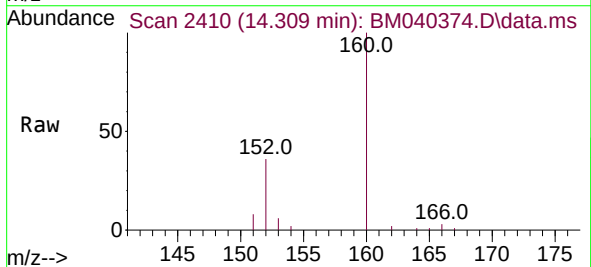
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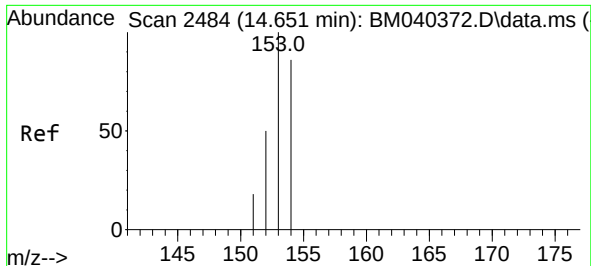
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 0.128 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17

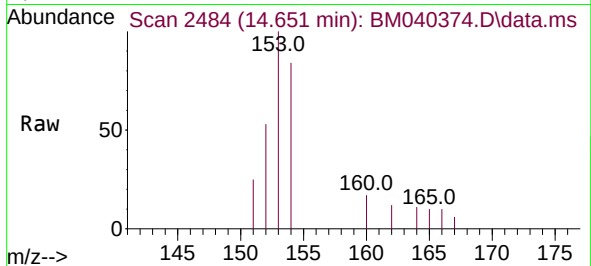
Tgt Ion:152 Resp: 6573
Ion Ratio Lower Upper
152 100
151 22.6 16.2 24.2
153 15.6 10.9 16.3





#11
Acenaphthene
Concen: 0.048 ng/u1
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17

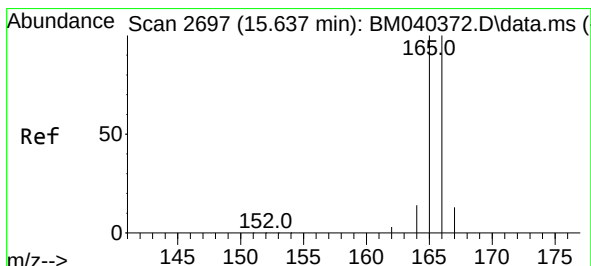
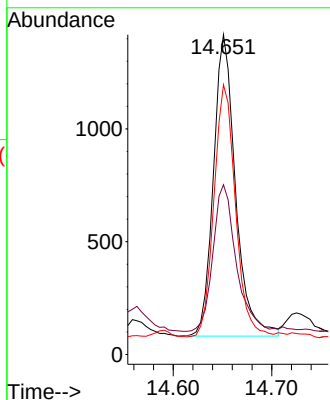
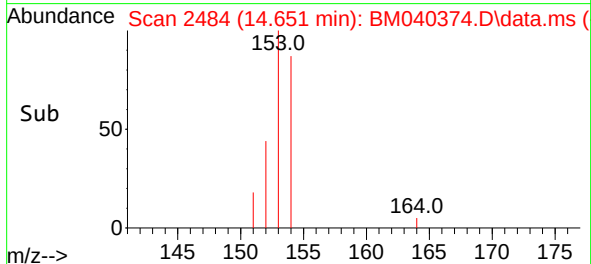
Instrument :
BNA_M
ClientSampleId :
DCFL9DL



Tgt Ion:153 Resp: 208
Ion Ratio Lower Upper
153 100
152 53.1 41.0 61.4
154 84.3 70.8 106.2

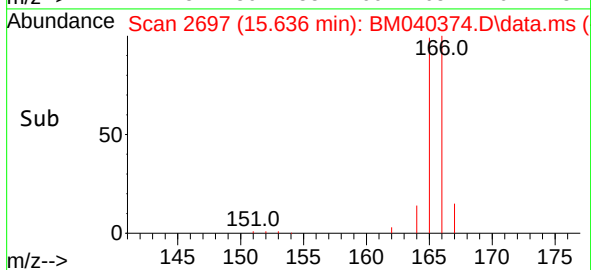
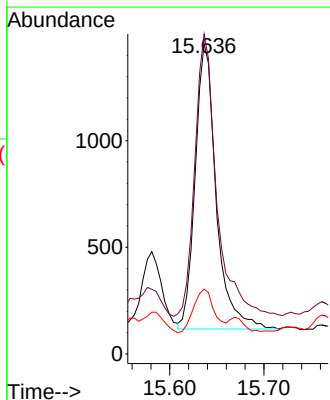
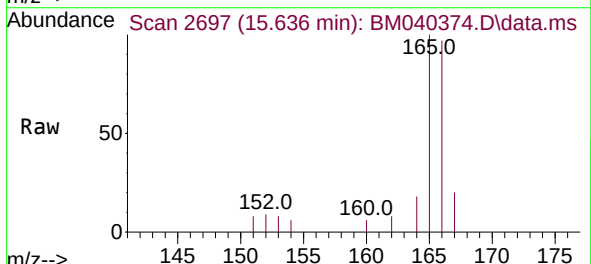
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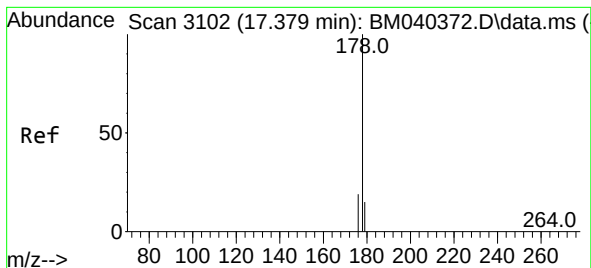
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#12
Fluorene
Concen: 0.045 ng/u1
RT: 15.636 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17

Tgt Ion:166 Resp: 2070
Ion Ratio Lower Upper
166 100
165 103.2 79.6 119.4
167 20.9 11.4 17.0#





#15

Phenanthrene

Concen: 0.965 ng/ul

RT: 17.374 min Scan# 3101

Delta R.T. -0.004 min

Lab File: BM040374.D

Acq: 23 Jun 2023 14:17

Instrument :

BNA_M

ClientSampleId :

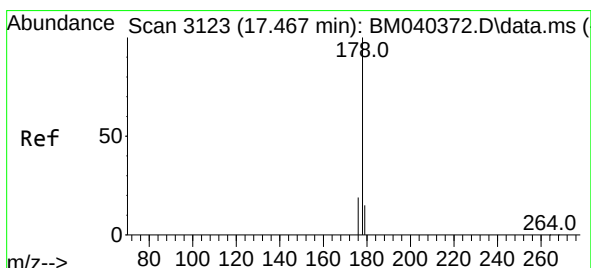
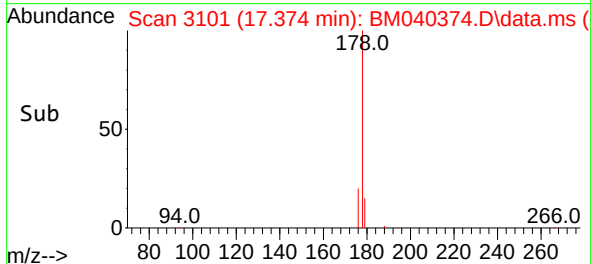
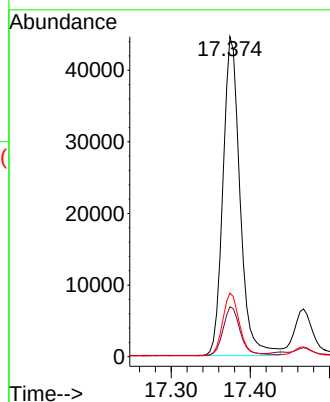
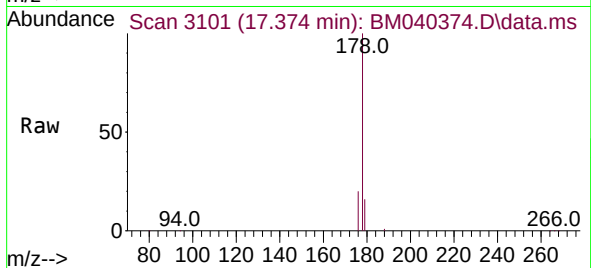
DCFL9DL

Tgt Ion:178	Resp:	6698
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.8 19.2
176	19.9	16.4 24.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#16

Anthracene

Concen: 0.191 ng/ul

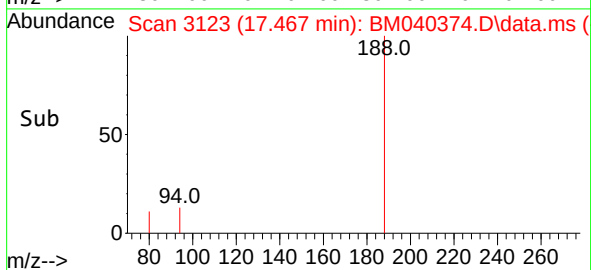
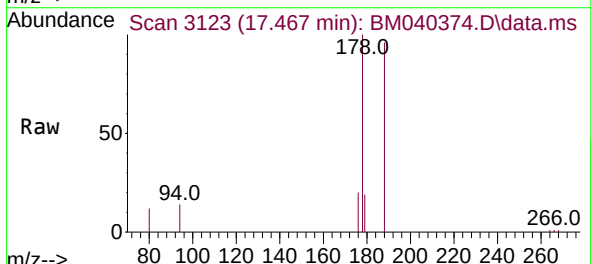
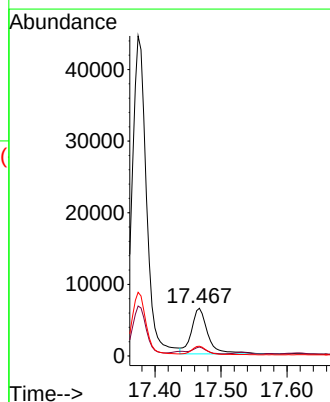
RT: 17.467 min Scan# 3123

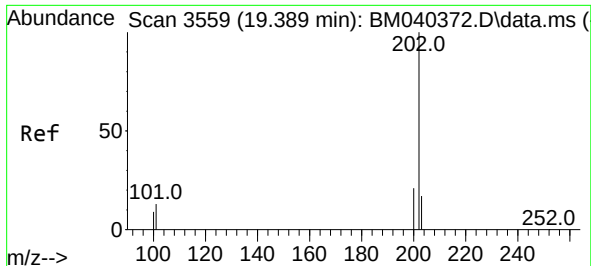
Delta R.T. -0.004 min

Lab File: BM040374.D

Acq: 23 Jun 2023 14:17

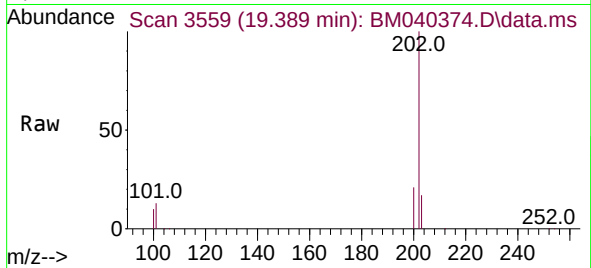
Tgt Ion:178	Resp:	11143
Ion Ratio	Lower	Upper
178	100	
179	18.6	12.9 19.3
176	20.4	15.8 23.6





#19
Fluoranthene
Concen: 2.671 ng/u1
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17

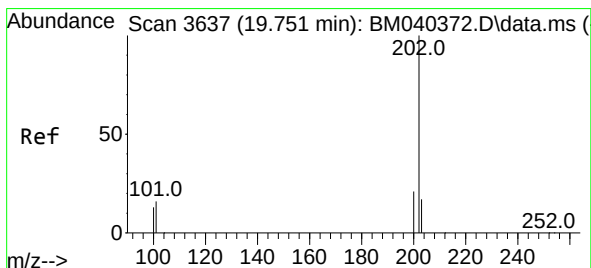
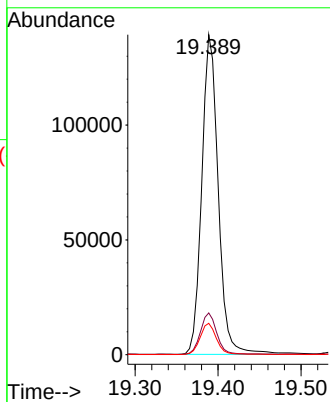
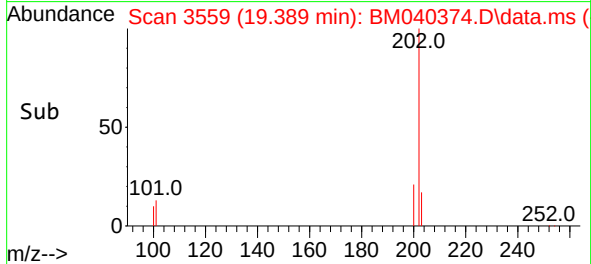
Instrument :
BNA_M
ClientSampleId :
DCFL9DL



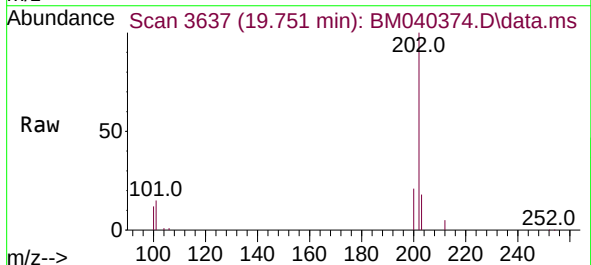
Tgt Ion:202 Resp: 192400
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 9.8 8.7 13.1

Manual Integrations
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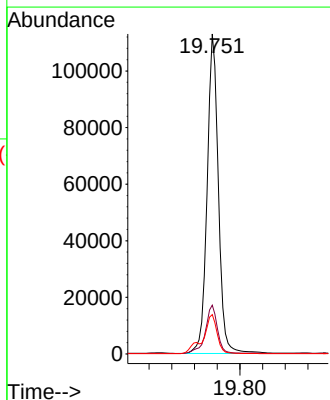
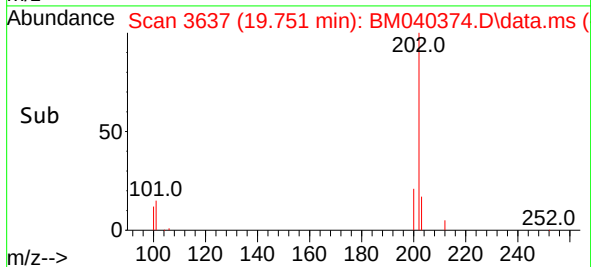
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

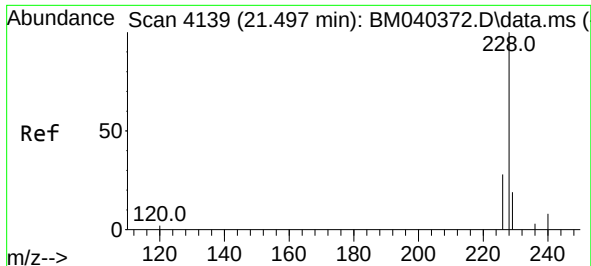


#20
Pyrene
Concen: 2.010 ng/u1
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17



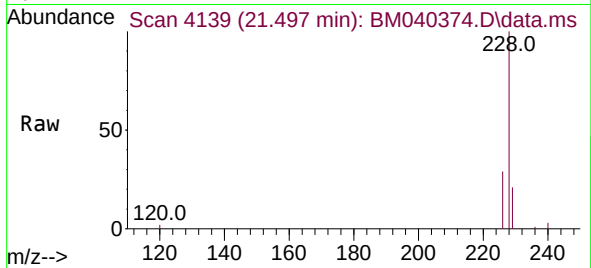
Tgt Ion:202 Resp: 155279
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 12.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.267 ng/ul
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17

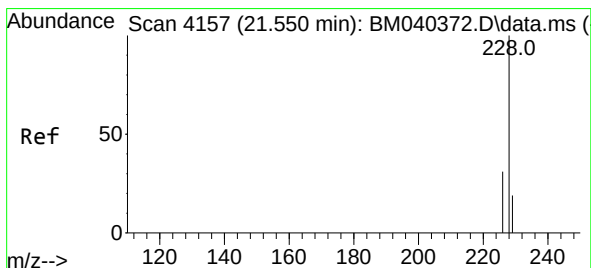
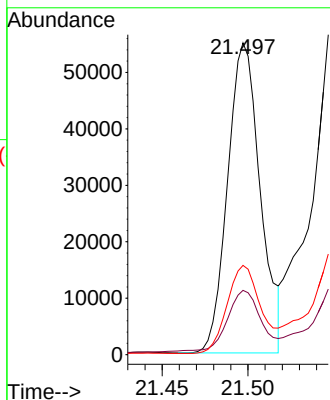
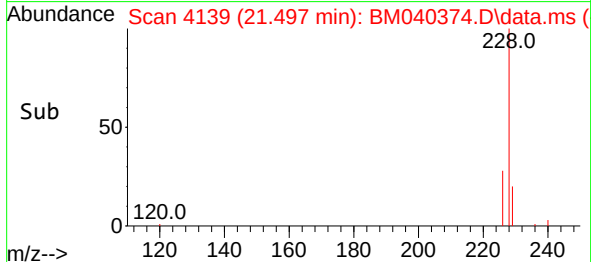
Instrument :
BNA_M
ClientSampleId :
DCFL9DL



Tgt Ion:228 Resp: 72692
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.6 22.3 33.5

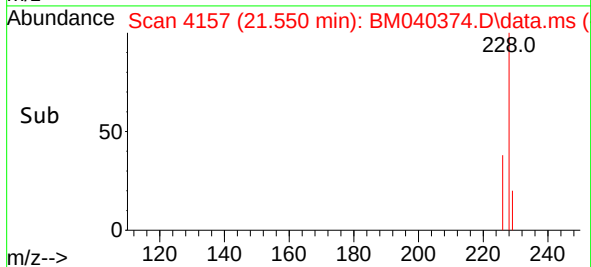
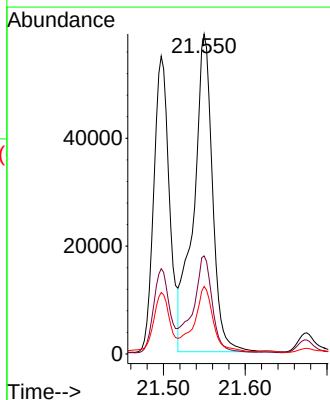
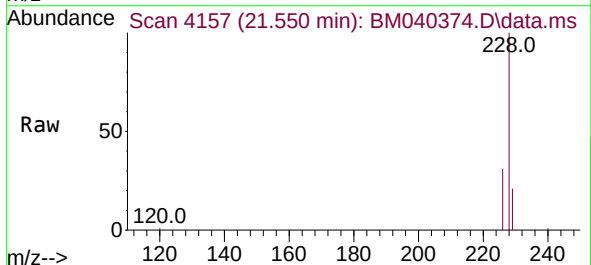
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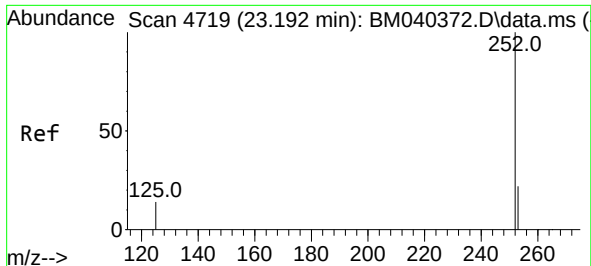
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#22
Chrysene
Concen: 1.453 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17

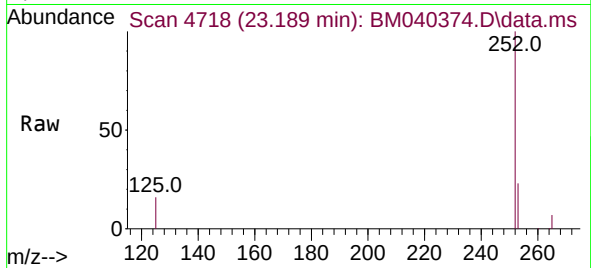
Tgt Ion:228 Resp: 95103
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 21.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.255 ng/ul
RT: 23.189 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17

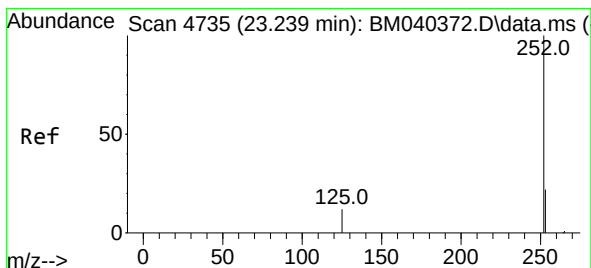
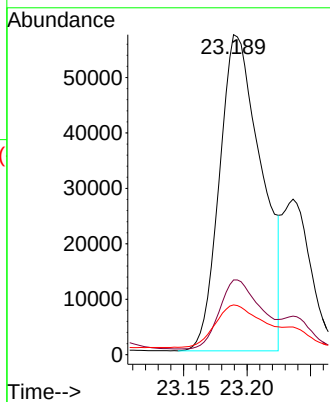
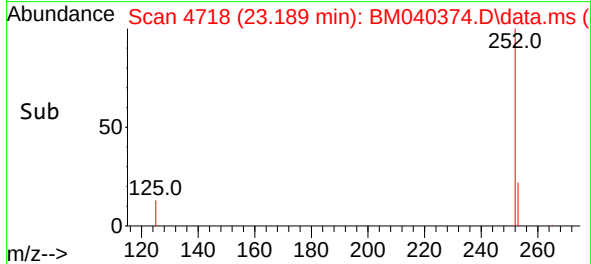
Instrument :
BNA_M
ClientSampleId :
DCFL9DL



Tgt Ion:252 Resp: 130670
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.8
125 15.6 0.0 43.0

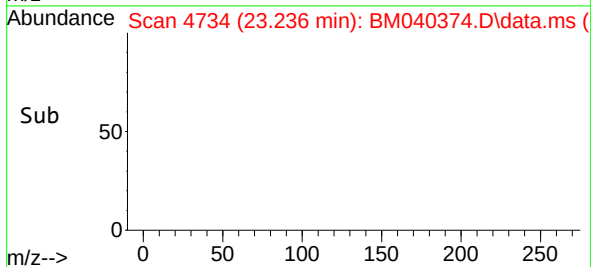
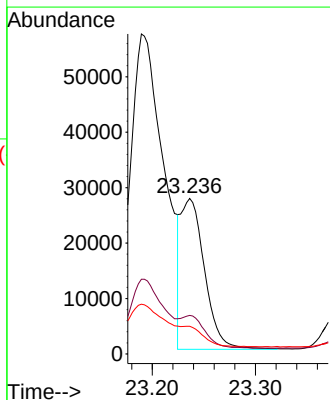
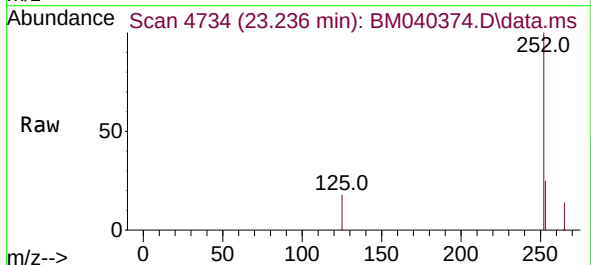
Manual Integrations
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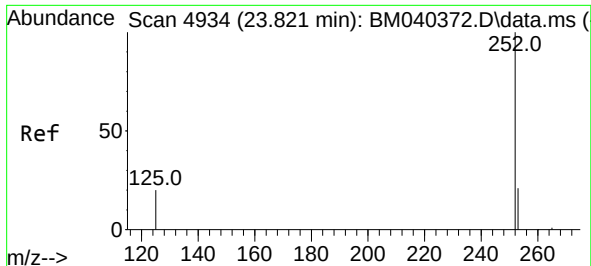
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 0.763 ng/ul m
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17

Tgt Ion:252 Resp: 43579
Ion Ratio Lower Upper
252 100
253 24.8 21.2 31.8
125 17.8 16.4 24.6





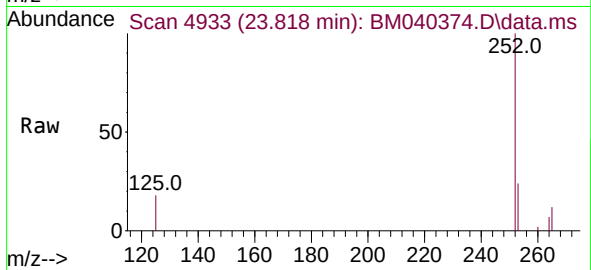
#26
Benzo(a)pyrene
Concen: 1.350 ng/ul
RT: 23.818 min Scan# 4934
Delta R.T. -0.006 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17

Instrument :

BNA_M

ClientSampleId :

DCFL9DL

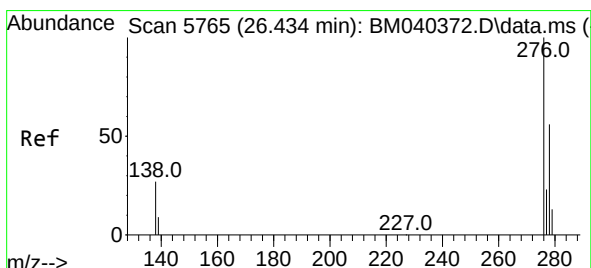
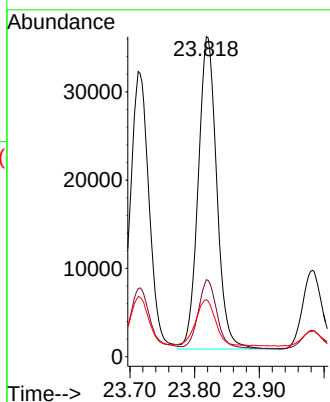
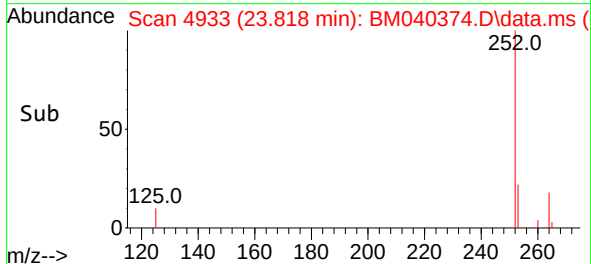


Tgt Ion:252 Resp: 7044
Ion Ratio Lower Upper
252 100
253 24.1 22.9 34.3
125 17.8 21.0 31.4

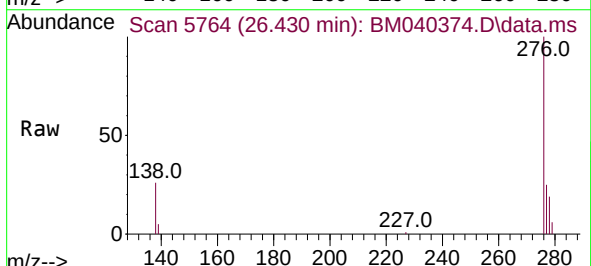
Manual Integrations

APPROVED

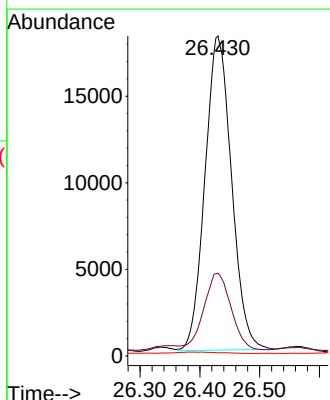
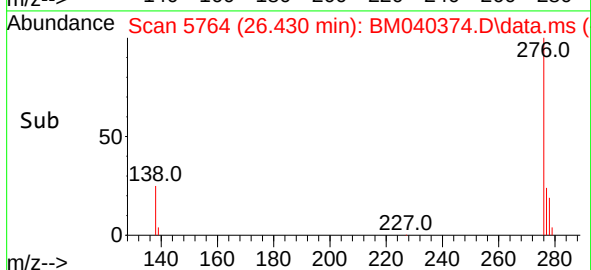
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

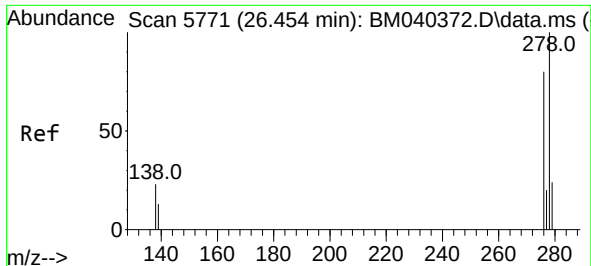


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.771 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17



Tgt Ion:276 Resp: 56006
Ion Ratio Lower Upper
276 100
138 25.3 24.5 36.7
227 0.0 0.1 0.1





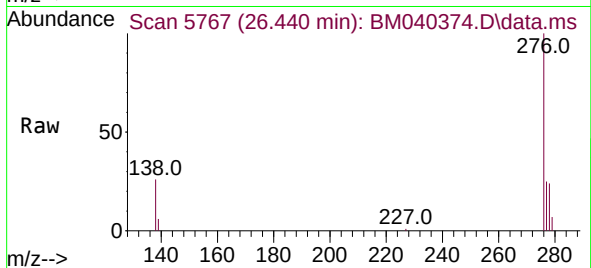
#28
Dibenzo(a,h)anthracene
Concen: 0.232 ng/ul
RT: 26.440 min Scan# 5767
Delta R.T. -0.014 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17

Instrument :

BNA_M

ClientSampleId :

DCFL9DL

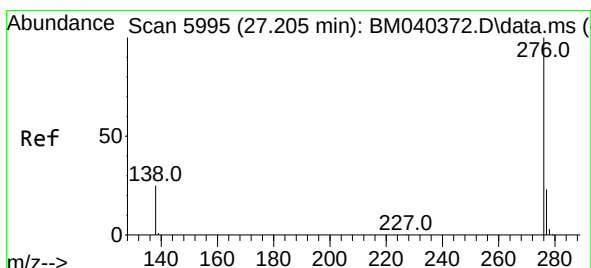
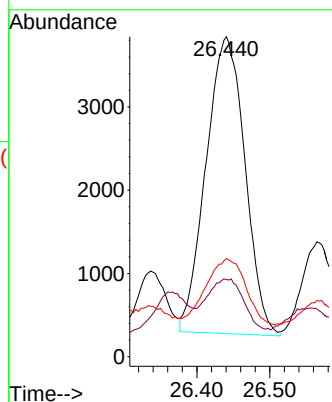
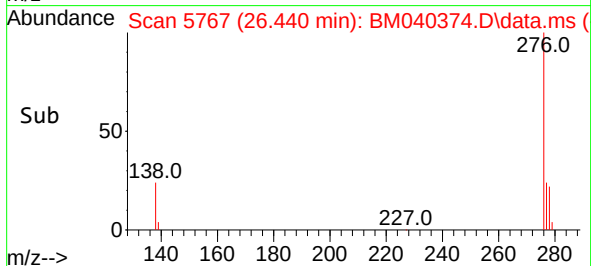


Tgt Ion:278 Resp: 13219
Ion Ratio Lower Upper
278 100
139 24.1 17.9 26.9
279 30.7 22.0 33.0

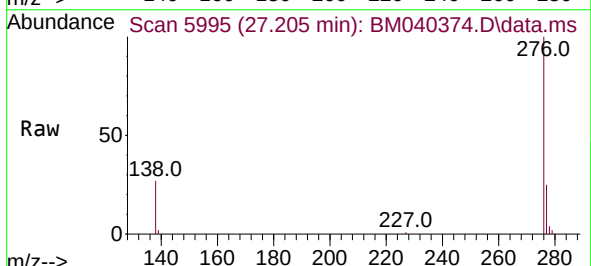
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#29
Benzo(g,h,i)perylene
Concen: 0.835 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. -0.000 min
Lab File: BM040374.D
Acq: 23 Jun 2023 14:17



Tgt Ion:276 Resp: 53187
Ion Ratio Lower Upper
276 100
138 26.6 23.0 34.6
277 24.6 20.3 30.5

