

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041844.D
 Acq On : 13 Sep 2023 23:42
 Operator : MA/JU
 Sample : 04235-03DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EYZE0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 14 03:38:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	7369	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	18469	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	9025	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	18957	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	10721	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	11384	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5529	0.590	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	840	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	1501	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.840	128	3040	0.049	ng/ul#	94
7) 2-Methylnaphthalene	12.440	142	1922	0.051	ng/ul	99
8) 1-Methylnaphthalene	12.660	142	1547	0.041	ng/ul	100
10) Acenaphthylene	14.342	152	2930	0.052	ng/ul#	93
11) Acenaphthene	14.675	153	1296	0.030	ng/ul	98
12) Fluorene	15.661	166	1768	0.035	ng/ul#	95
15) Phenanthrene	17.409	178	45265	0.547	ng/ul	99
16) Anthracene	17.498	178	8223	0.114	ng/ul	97
19) Fluoranthene	19.417	202	108672	1.309	ng/ul	99
20) Pyrene	19.780	202	95547	1.099	ng/ul	96
21) Benzo(a)anthracene	21.518	228	41730	0.590	ng/ul	99
22) Chrysene	21.571	228	44938	0.621	ng/ul	98
24) Benzo(b)fluoranthene	23.208	252	60937	0.752	ng/ul	97
25) Benzo(k)fluoranthene	23.252	252	22862m	0.306	ng/ul	
26) Benzo(a)pyrene	23.842	252	37679	0.610	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.445	276	30892	0.325	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.455	278	7509	0.107	ng/ul#	81
29) Benzo(g,h,i)perylene	27.226	276	29862	0.372	ng/ul	98

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

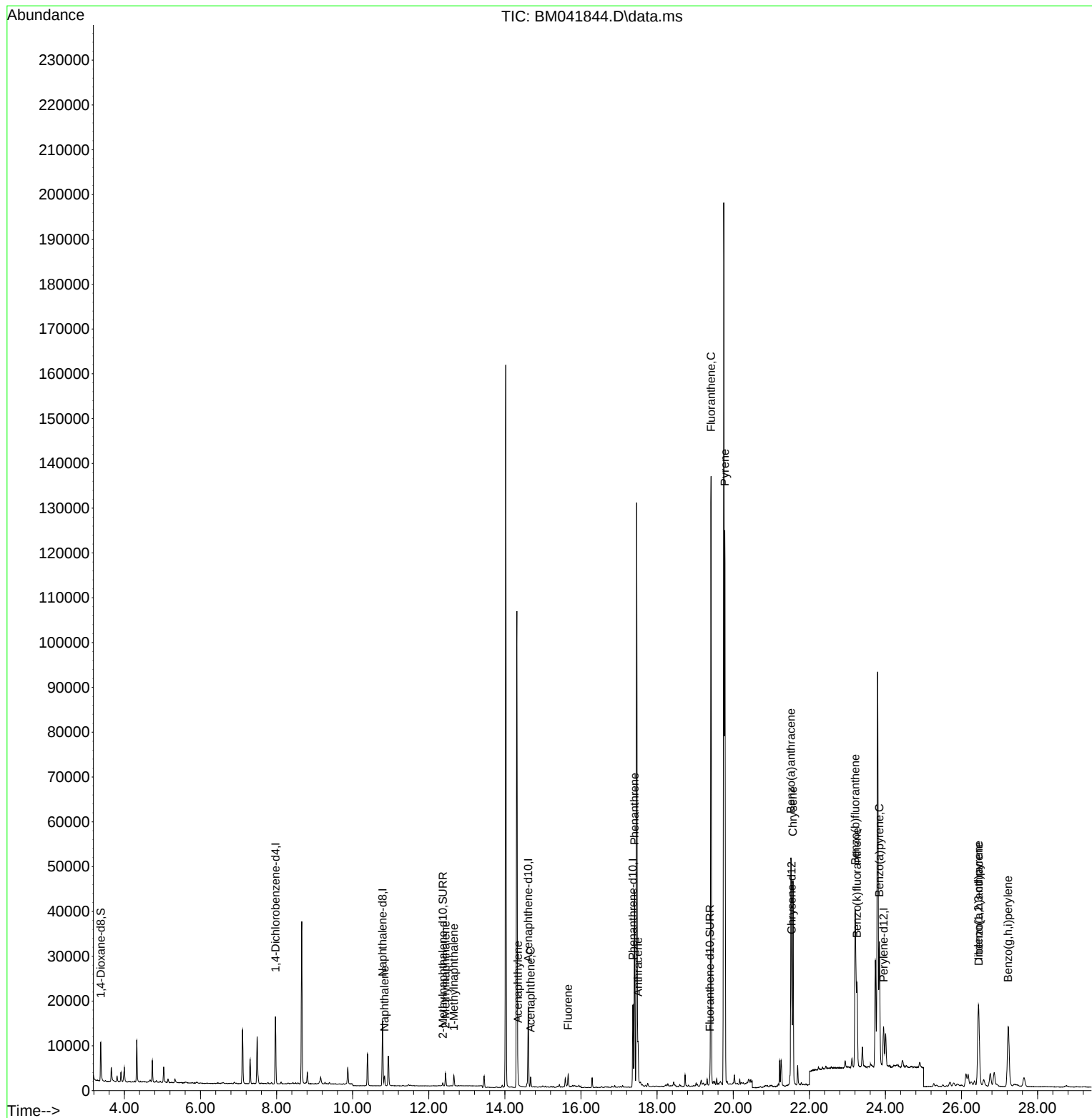
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041844.D
Acq On : 13 Sep 2023 23:42
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ALS Vial : 20 Sample Multiplier: 1

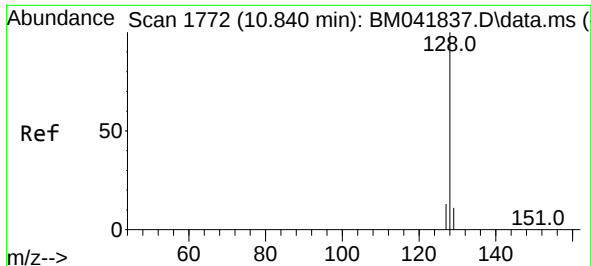
Instrument :
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EZYEO0DL

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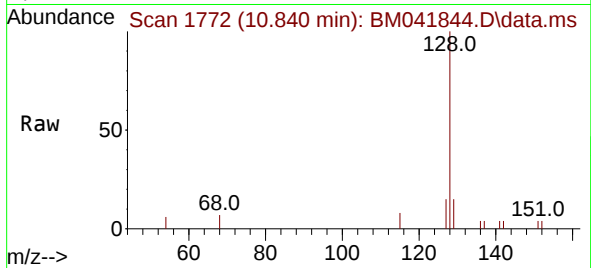
Quant Time: Sep 14 03:38:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.049 ng/ul
RT: 10.840 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041844.D
Acq: 13 Sep 2023 23:42

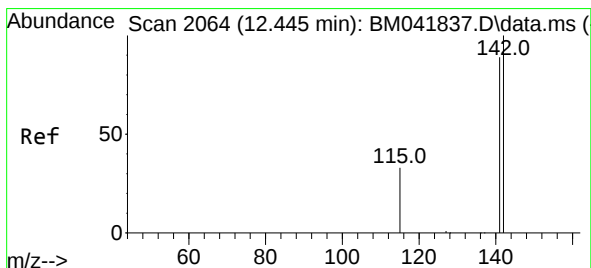
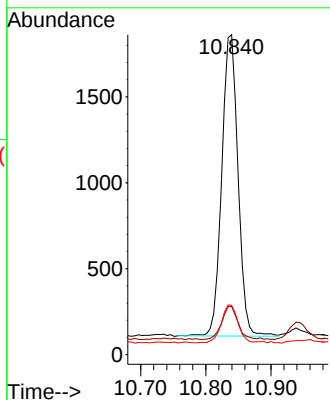
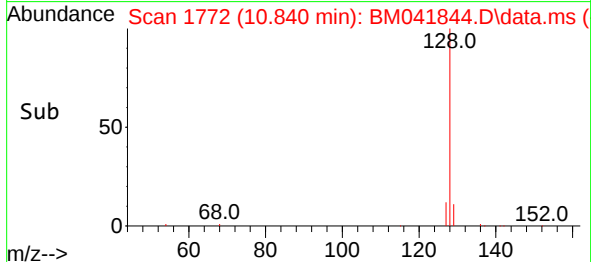
Instrument :
BNA_M
ClientSampleId :
EZYEO0DL



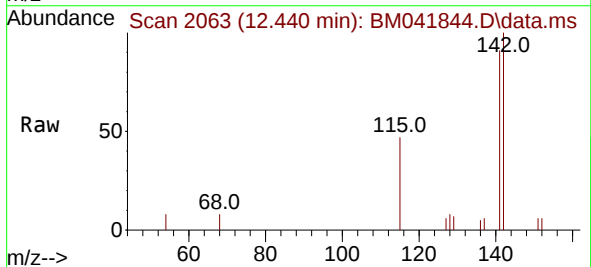
Tgt Ion:128 Resp: 3040
Ion Ratio Lower Upper
128 100
129 15.0 9.5 14.3
127 15.4 10.7 16.1

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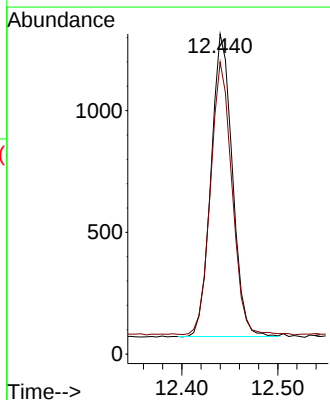
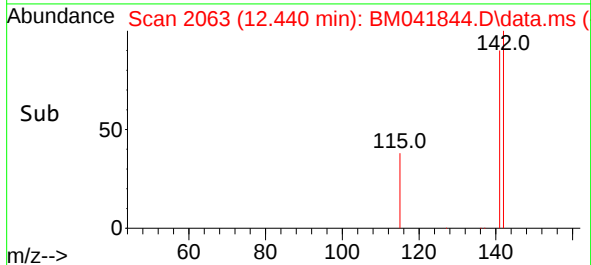
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023

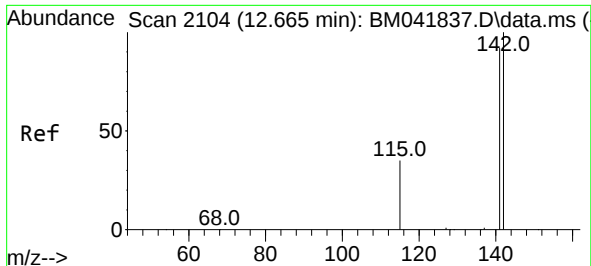


#7
2-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM041844.D
Acq: 13 Sep 2023 23:42



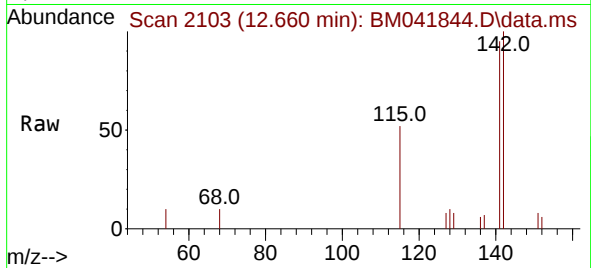
Tgt Ion:142 Resp: 1922
Ion Ratio Lower Upper
142 100
141 90.6 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.660 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BM041844.D
Acq: 13 Sep 2023 23:42

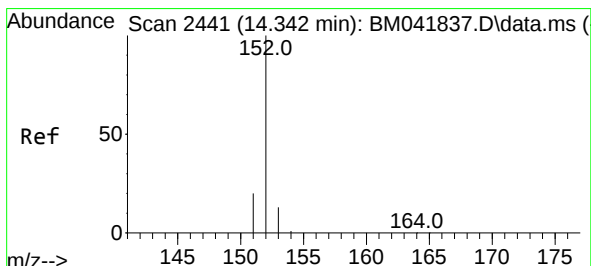
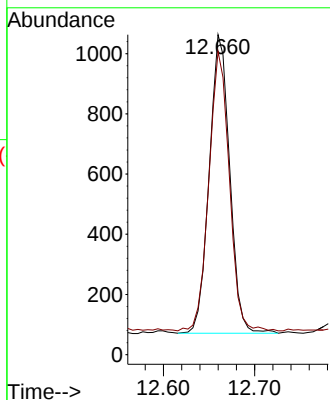
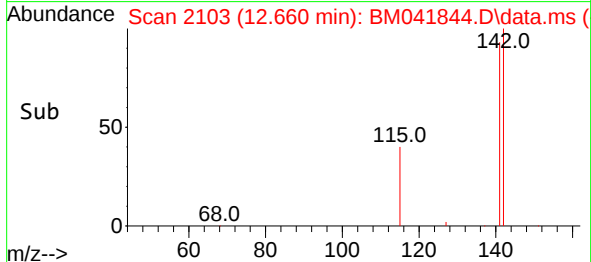
Instrument :
BNA_M
ClientSampleId :
EZYEO0DL



Tgt Ion:142 Resp: 154
Ion Ratio Lower Upper
142 100
141 93.3 74.3 111.5

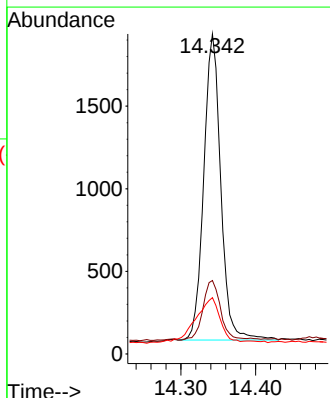
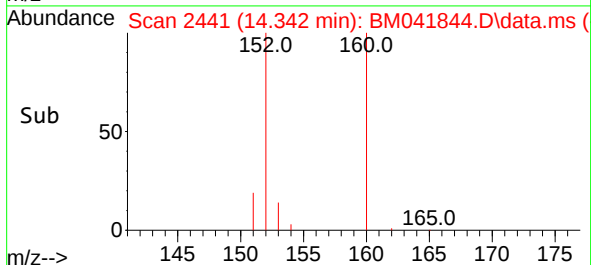
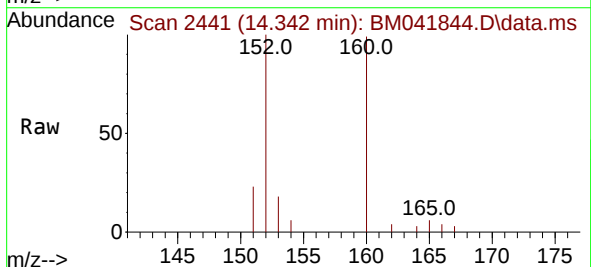
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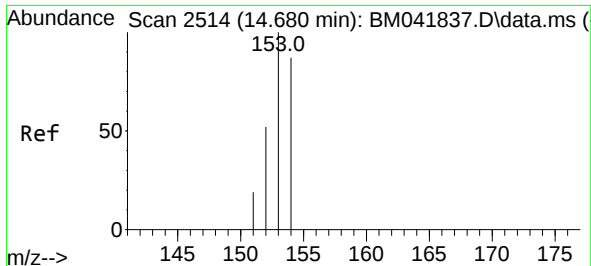
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023



#10
Acenaphthylene
Concen: 0.052 ng/ul
RT: 14.342 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BM041844.D
Acq: 13 Sep 2023 23:42

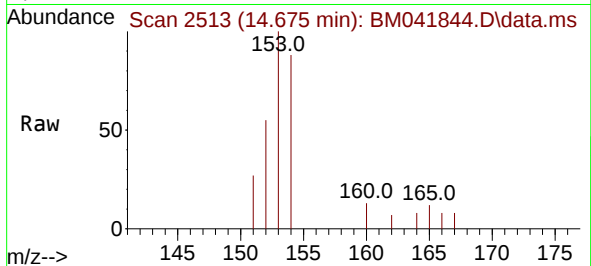
Tgt Ion:152 Resp: 2930
Ion Ratio Lower Upper
152 100
151 23.0 16.3 24.5
153 17.6 10.9 16.3#





#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.675 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BM041844.D
Acq: 13 Sep 2023 23:42

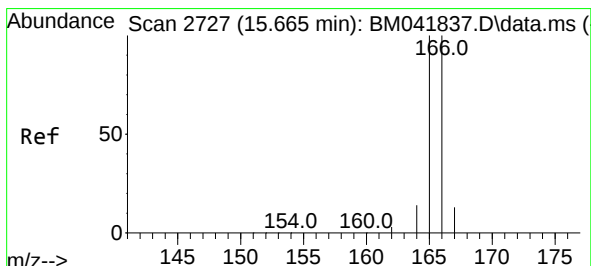
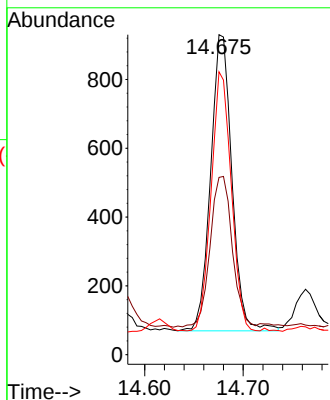
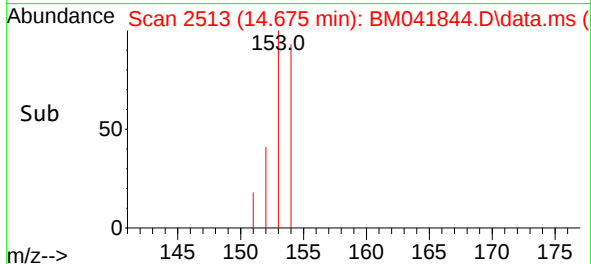
Instrument :
BNA_M
ClientSampleId :
EZYEO0DL



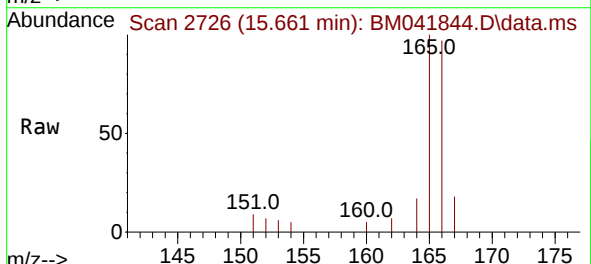
Tgt Ion:153 Resp: 1290
Ion Ratio Lower Upper
153 100
152 55.4 41.5 62.3
154 88.4 70.7 106.1

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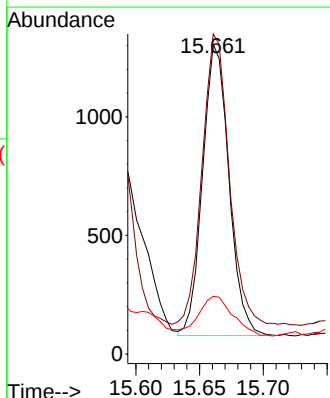
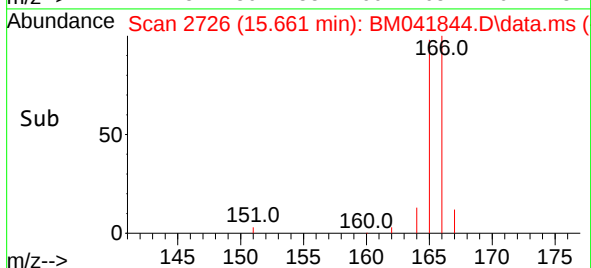
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023

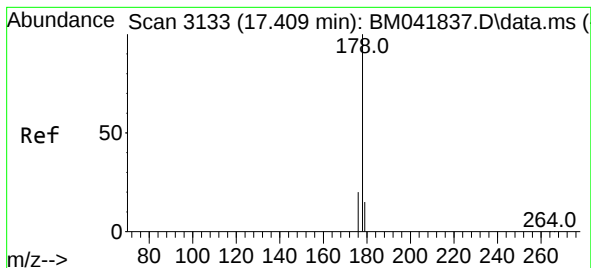


#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.661 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BM041844.D
Acq: 13 Sep 2023 23:42



Tgt Ion:166 Resp: 1768
Ion Ratio Lower Upper
166 100
165 103.3 79.3 118.9
167 18.7 11.2 16.8#





#15

Phenanthrene

Concen: 0.547 ng/ul

RT: 17.409 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BM041844.D

Acq: 13 Sep 2023 23:42

Instrument :

BNA_M

ClientSampleId :

EZYEO0DL

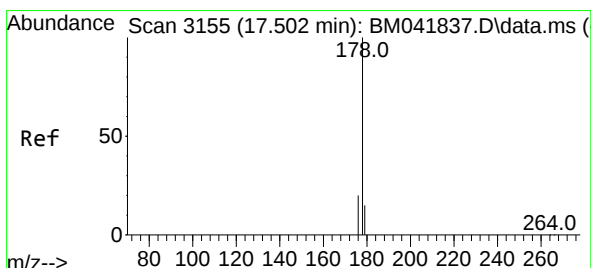
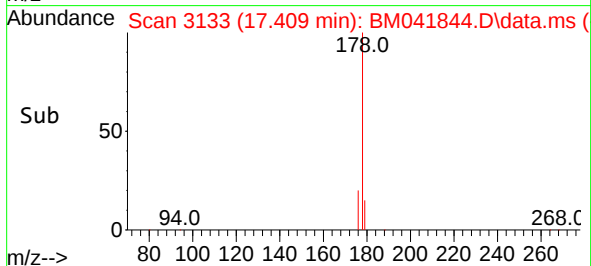
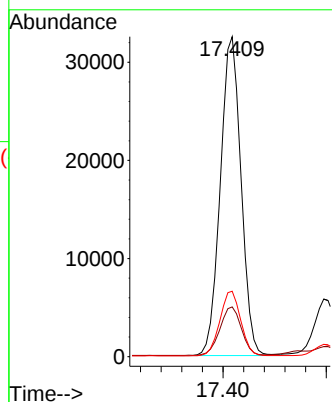
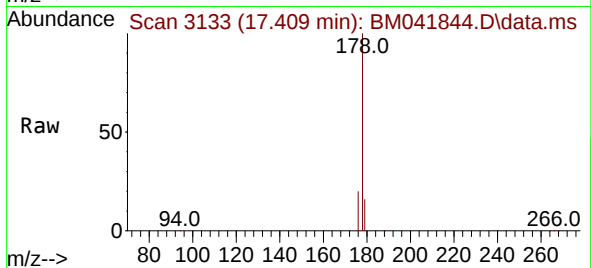
Tgt Ion:178	Resp:	4526
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.6 19.0
176	20.5	16.6 25.0

Manual Integrations

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#16

Anthracene

Concen: 0.114 ng/ul

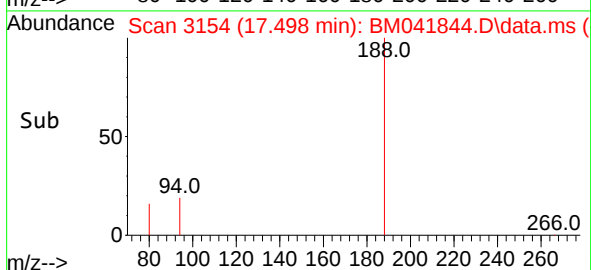
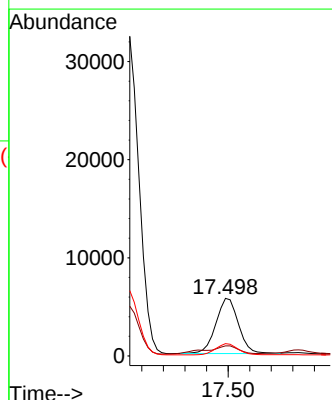
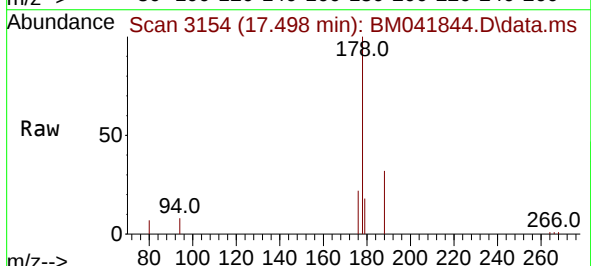
RT: 17.498 min Scan# 3154

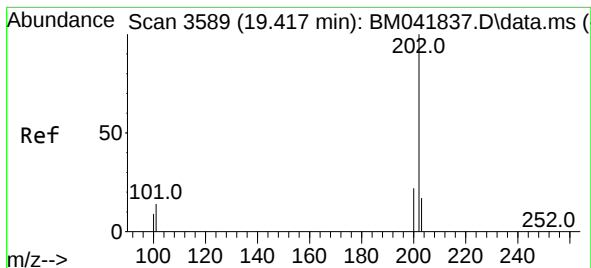
Delta R.T. -0.004 min

Lab File: BM041844.D

Acq: 13 Sep 2023 23:42

Tgt Ion:178	Resp:	8223
Ion Ratio	Lower	Upper
178	100	
179	17.6	12.7 19.1
176	21.5	16.1 24.1





#19

Fluoranthene

Concen: 1.309 ng/u1

RT: 19.417 min Scan# 3589

Delta R.T. -0.000 min

Lab File: BM041844.D

Acq: 13 Sep 2023 23:42

Instrument :

BNA_M

ClientSampleId :

EZYE0DL

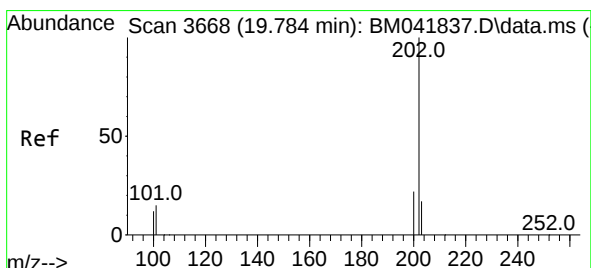
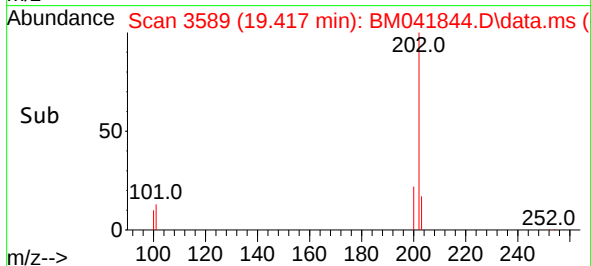
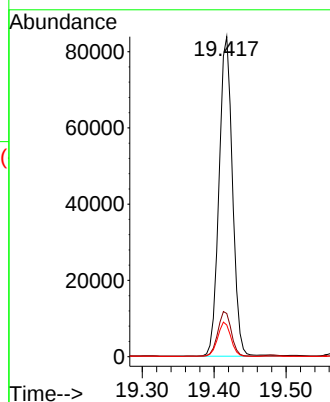
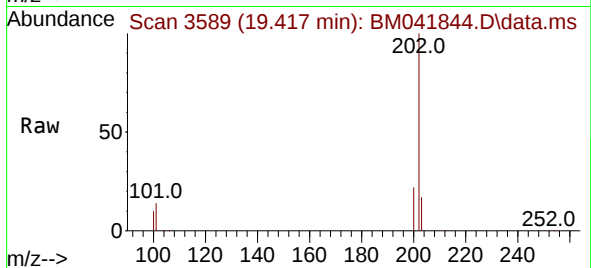
Tgt Ion:202	Resp:	108672
Ion Ratio	Lower	Upper
202	100	
101	13.5	11.0 16.6
100	9.9	8.2 12.4

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#20

Pyrene

Concen: 1.099 ng/u1

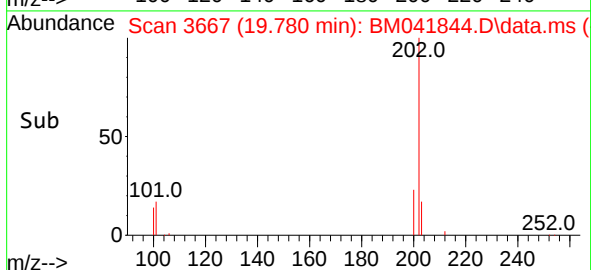
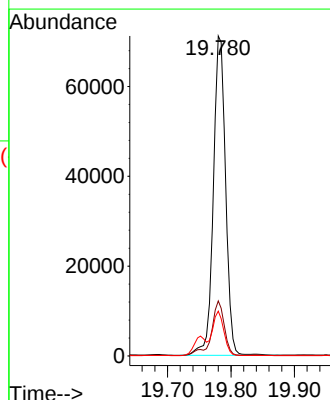
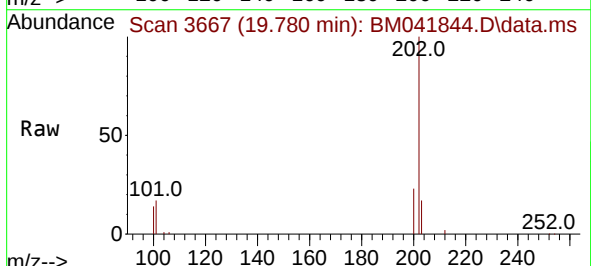
RT: 19.780 min Scan# 3667

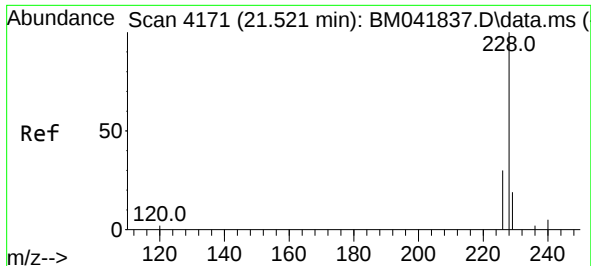
Delta R.T. -0.005 min

Lab File: BM041844.D

Acq: 13 Sep 2023 23:42

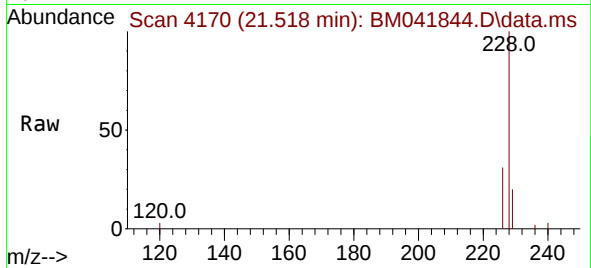
Tgt Ion:202	Resp:	95547
Ion Ratio	Lower	Upper
202	100	
101	17.2	12.6 19.0
100	14.0	9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.590 ng/ul
RT: 21.518 min Scan# 41730
Delta R.T. -0.003 min
Lab File: BM041844.D
Acq: 13 Sep 2023 23:42

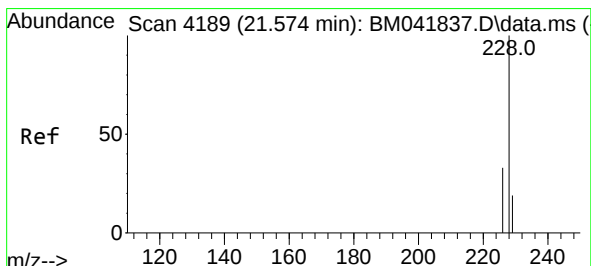
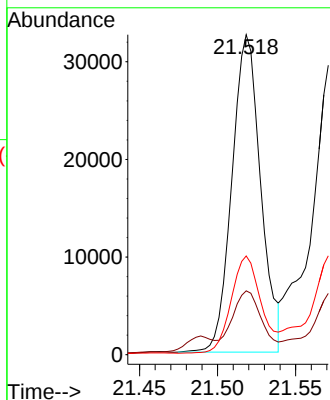
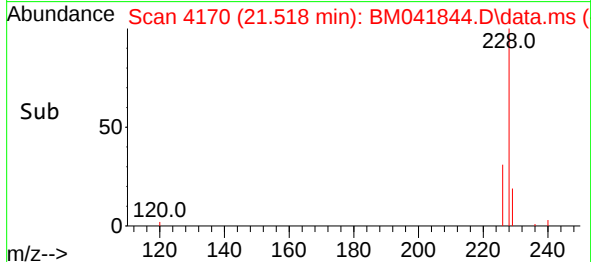
Instrument :
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EZYEO0DL



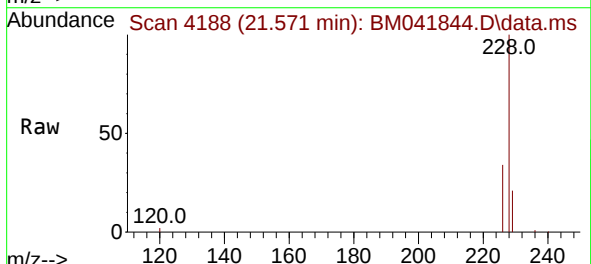
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Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 30.9 24.3 36.5

Manual Integrations
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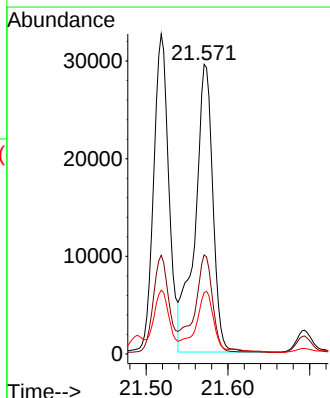
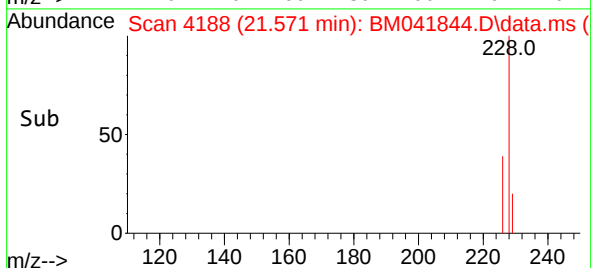
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023

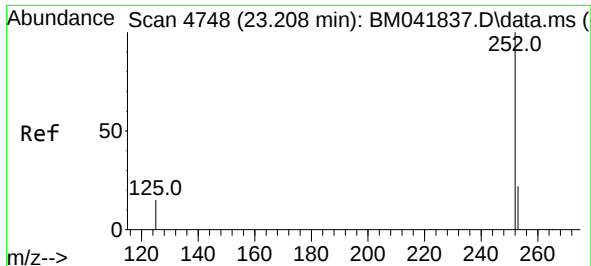


#22
Chrysene
Concen: 0.621 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BM041844.D
Acq: 13 Sep 2023 23:42



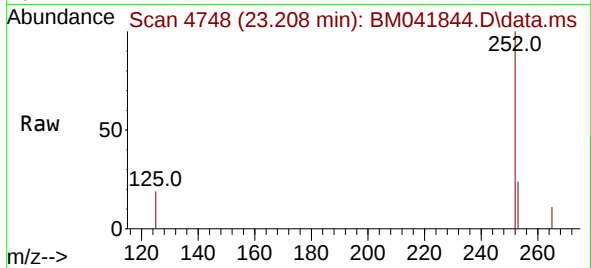
Tgt Ion:228 Resp: 44938
Ion Ratio Lower Upper
228 100
226 34.2 27.0 40.4
229 21.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.752 ng/ul
RT: 23.208 min Scan# 4748
Delta R.T. -0.000 min
Lab File: BM041844.D
Acq: 13 Sep 2023 23:42

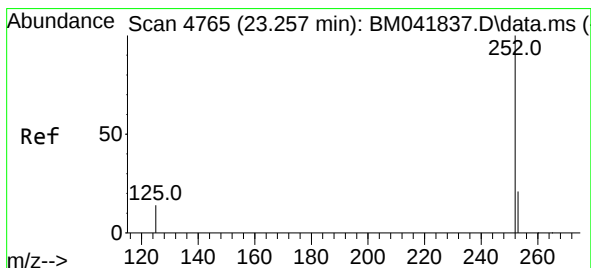
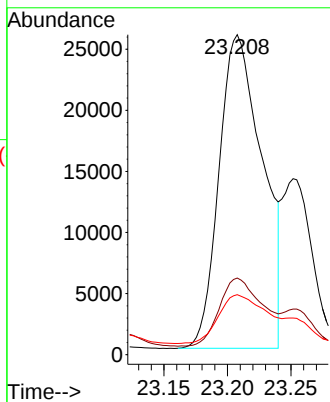
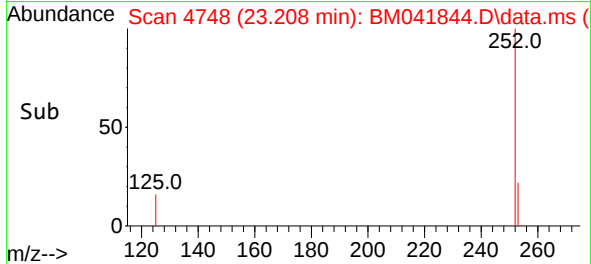
Instrument :
BNA_M
ClientSampleId :
EZYEO0DL



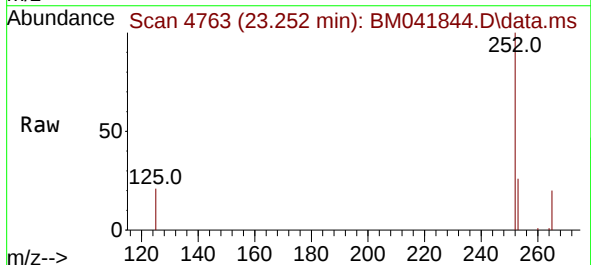
Tgt Ion:252 Resp: 6093
Ion Ratio Lower Upper
252 100
253 24.0 0.0 51.0
125 18.7 0.0 39.8

Manual Integrations
APPROVED

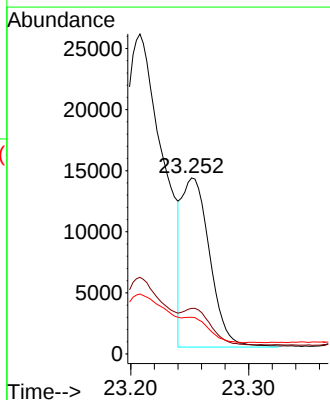
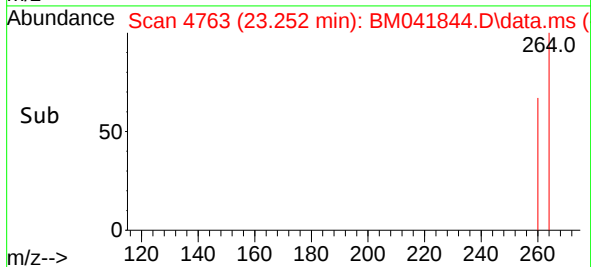
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023

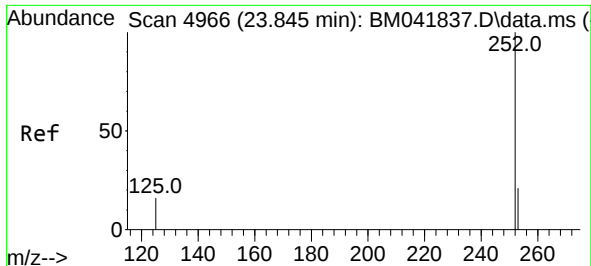


#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul m
RT: 23.252 min Scan# 4763
Delta R.T. -0.009 min
Lab File: BM041844.D
Acq: 13 Sep 2023 23:42



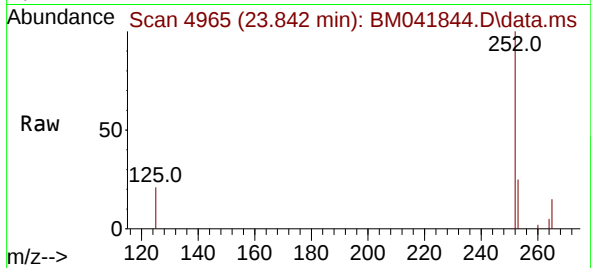
Tgt Ion:252 Resp: 22862
Ion Ratio Lower Upper
252 100
253 25.9 20.2 30.2
125 20.8 15.8 23.8





#26
Benzo(a)pyrene
Concen: 0.610 ng/ul
RT: 23.842 min Scan# 4966
Delta R.T. -0.003 min
Lab File: BM041844.D
Acq: 13 Sep 2023 23:42

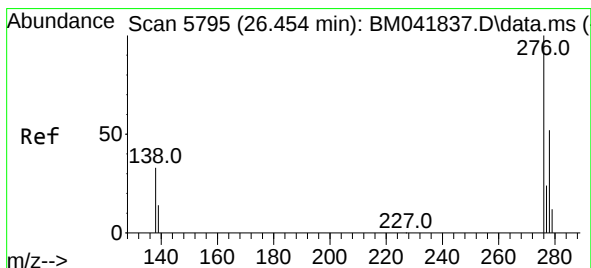
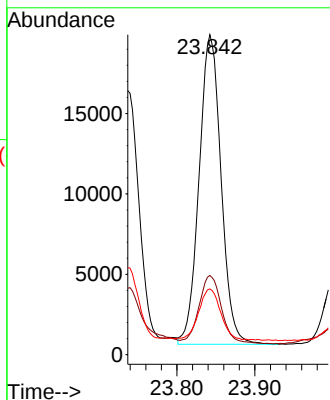
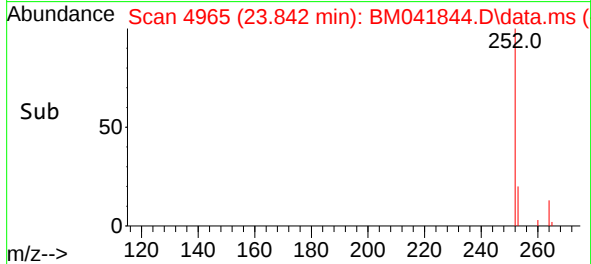
Instrument :
BNA_M
ClientSampleId :
EZYEO0DL



Tgt Ion:252 Resp: 37679
Ion Ratio Lower Upper
252 100
253 24.7 21.8 32.8
125 20.6 18.8 28.2

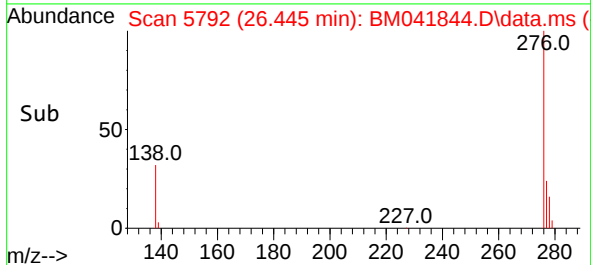
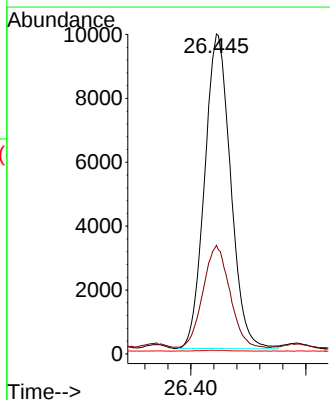
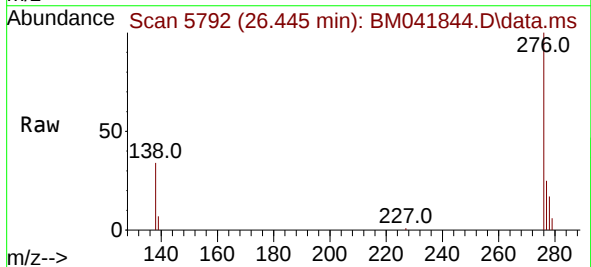
Manual Integrations
APPROVED

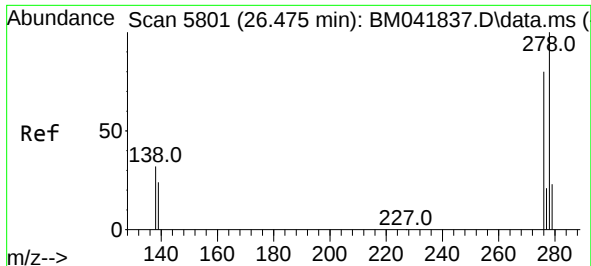
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.325 ng/ul
RT: 26.445 min Scan# 5792
Delta R.T. -0.010 min
Lab File: BM041844.D
Acq: 13 Sep 2023 23:42

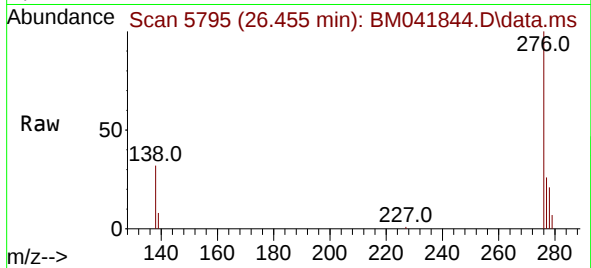
Tgt Ion:276 Resp: 30892
Ion Ratio Lower Upper
276 100
138 33.3 27.7 41.5
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.107 ng/ul
RT: 26.455 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM041844.D
Acq: 13 Sep 2023 23:42

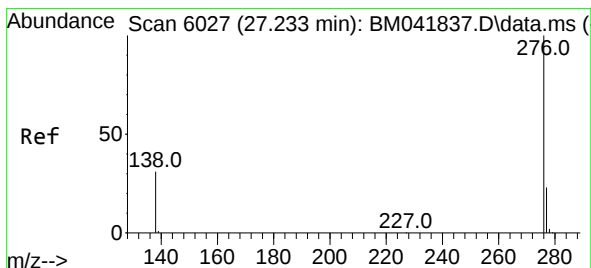
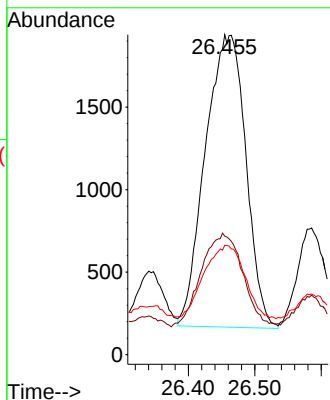
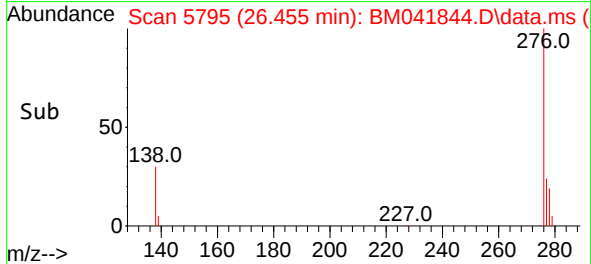
Instrument :
BNA_M
ClientSampleId :
EZYEO0DL



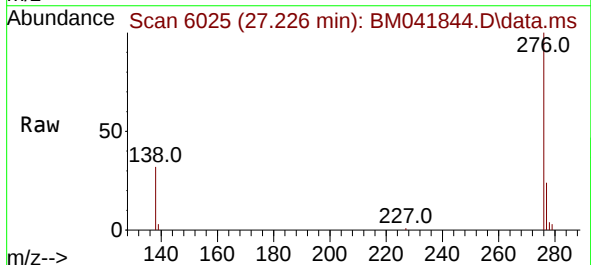
Tgt Ion: 278 Resp: 7509
Ion Ratio Lower Upper
278 100
139 37.1 20.9 31.3
279 34.2 20.3 30.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023



#29
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 27.226 min Scan# 6025
Delta R.T. -0.010 min
Lab File: BM041844.D
Acq: 13 Sep 2023 23:42



Tgt Ion: 276 Resp: 29862
Ion Ratio Lower Upper
276 100
138 32.5 24.7 37.1
277 24.1 19.3 28.9

