

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041698.D
 Acq On : 07 Sep 2023 17:03
 Operator : MA/JU
 Sample : 04113-03DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYH6DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 08 02:54:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	7189	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	17319	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	7567	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	14953	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.565	240	7749	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	10012	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	7088	0.645	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	923	0.041	ng/ul	-0.01
18) Fluoranthene-d10	19.413	212	1368	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.867	128	25948	0.456	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	13486	0.418	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	8127	0.251	ng/ul	98
10) Acenaphthylene	14.370	152	2687	0.057	ng/ul#	83
11) Acenaphthene	14.703	153	5353	0.147	ng/ul	99
12) Fluorene	15.688	166	6116	0.150	ng/ul	96
15) Phenanthrene	17.434	178	49622	0.786	ng/ul	98
16) Anthracene	17.527	178	10941	0.202	ng/ul#	93
19) Fluoranthene	19.441	202	82135	0.898	ng/ul	98
20) Pyrene	19.808	202	89714m	0.988	ng/ul	
21) Benzo(a)anthracene	21.545	228	32845	0.520	ng/ul#	93
22) Chrysene	21.600	228	42441	0.622	ng/ul#	91
24) Benzo(b)fluoranthene	23.246	252	62699	0.700	ng/ul	88
25) Benzo(k)fluoranthene	23.293	252	22184m	0.253	ng/ul	
26) Benzo(a)pyrene	23.886	252	40360	0.554	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.515	276	35475	0.355	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.532	278	8634	0.123	ng/ul#	64
29) Benzo(g,h,i)perylene	27.303	276	39449	0.446	ng/ul	100

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

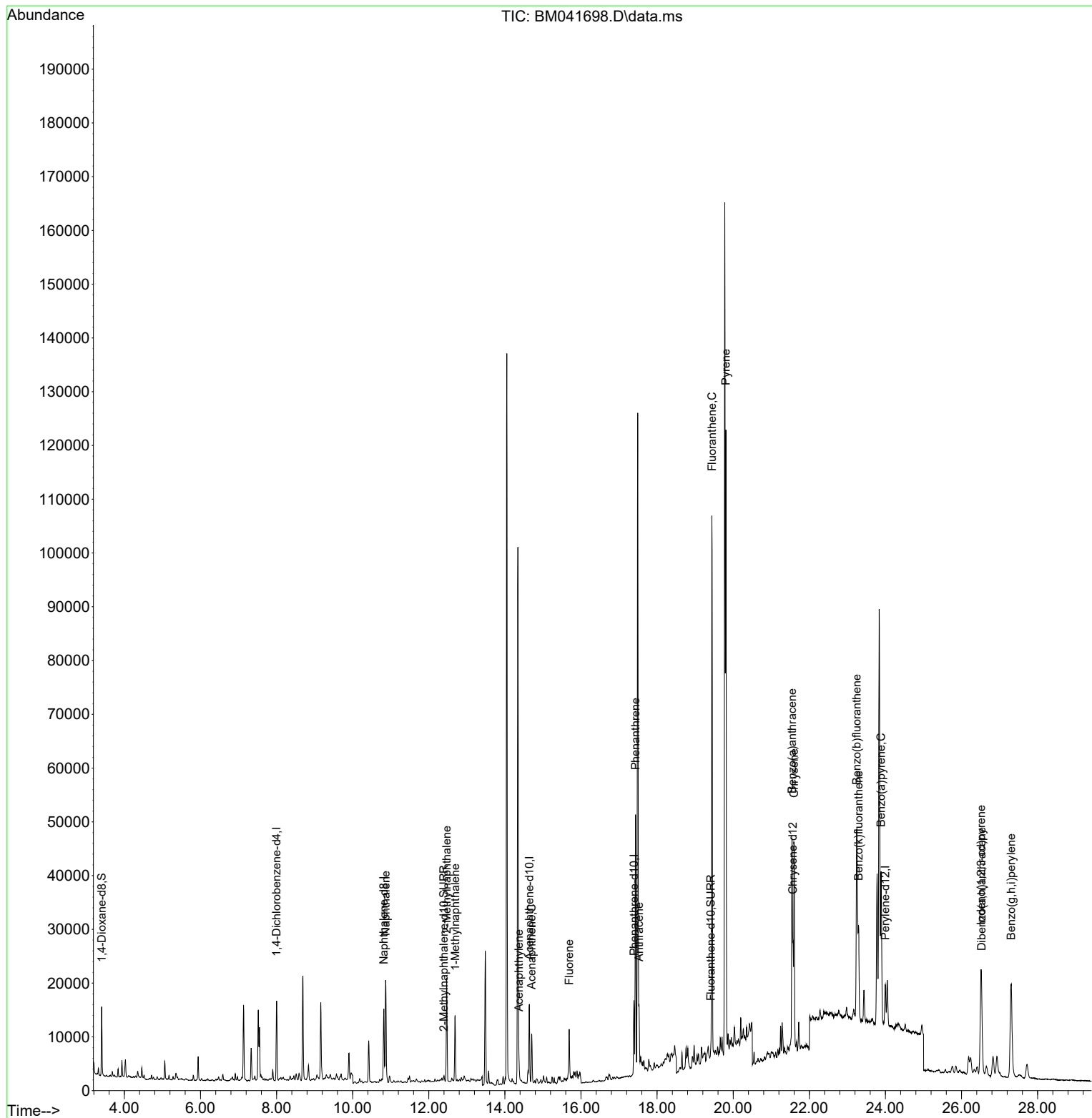
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041698.D
Acq On : 07 Sep 2023 17:03
Operator : MA/JU
Sample : 04113-03DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

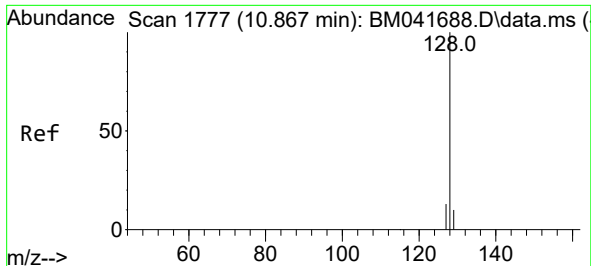
Instrument :
BNA_M
ClientSampleId :
EZYH6DL

Manual Integrations
APPROVED

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

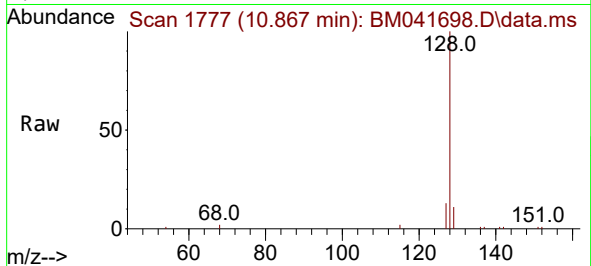
Quant Time: Sep 08 02:54:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.456 ng/ul
RT: 10.867 min Scan# 1777
Delta R.T. -0.005 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

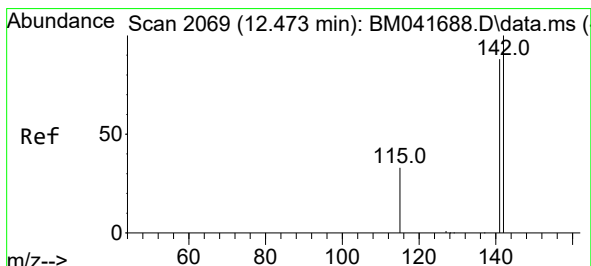
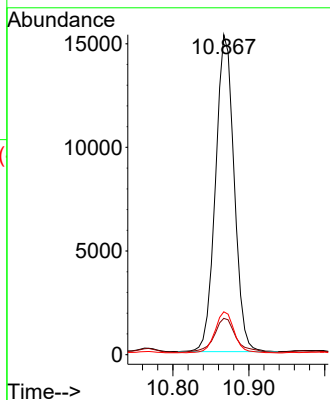
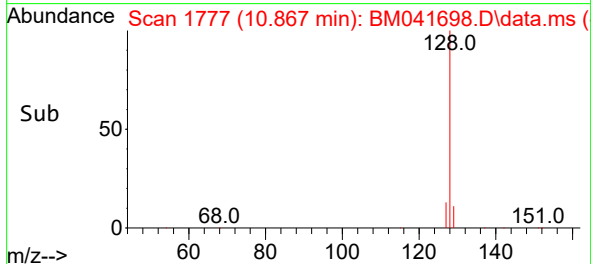
Instrument :
BNA_M
ClientSampleId :
EZYH6DL



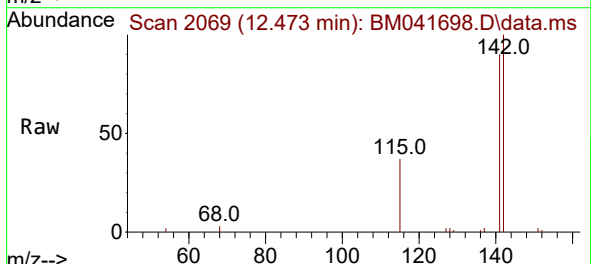
Tgt Ion:128 Resp: 25948
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.4 11.0 16.6

Manual Integrations
APPROVED

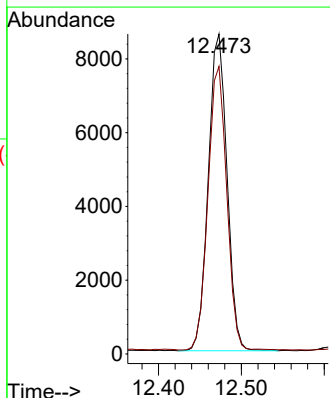
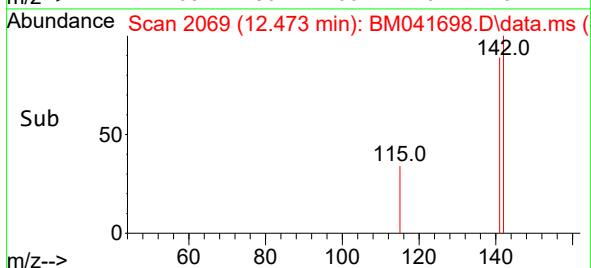
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023

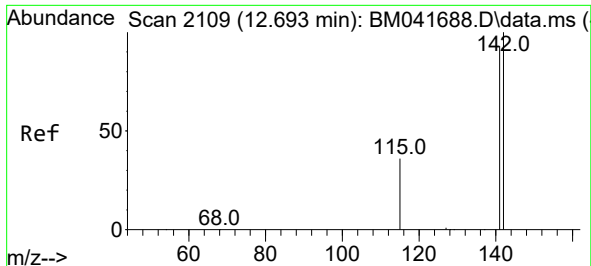


#7
2-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03



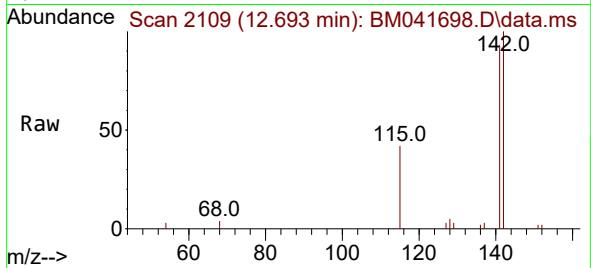
Tgt Ion:142 Resp: 13486
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.251 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

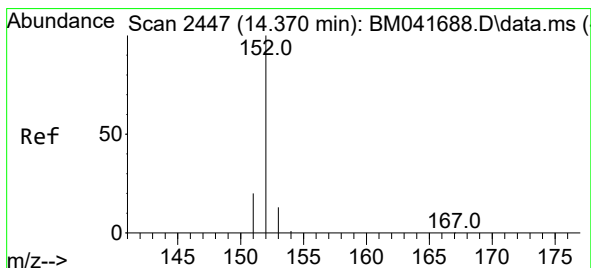
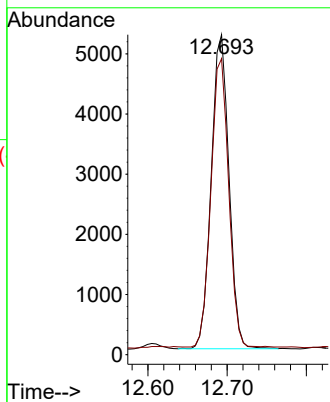
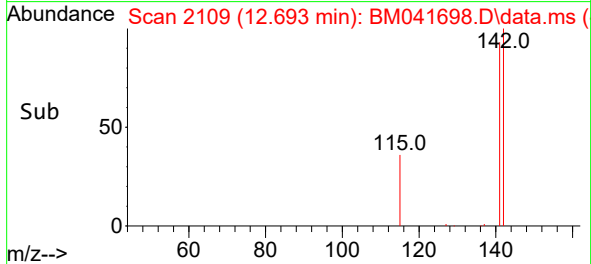
Instrument :
BNA_M
ClientSampleId :
EZYH6DL



Tgt Ion:142 Resp: 812
Ion Ratio Lower Upper
142 100
141 91.4 74.4 111.6

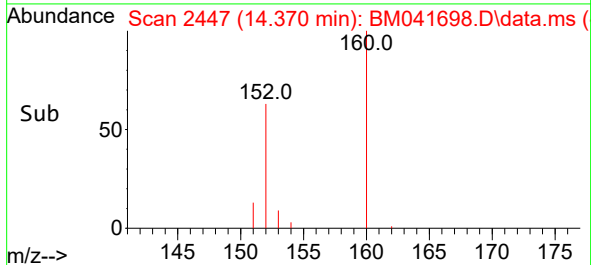
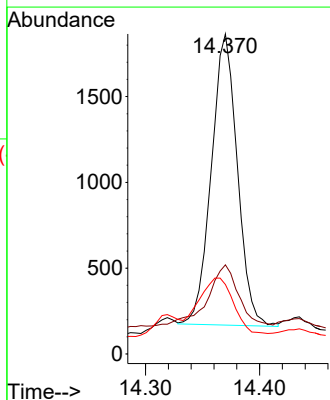
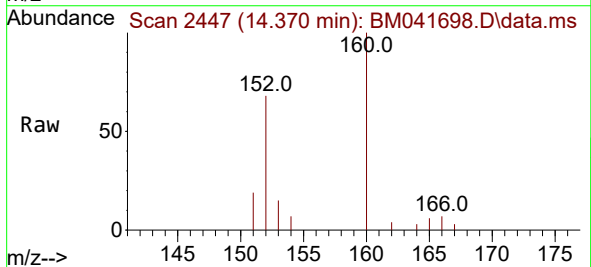
Manual Integrations
APPROVED

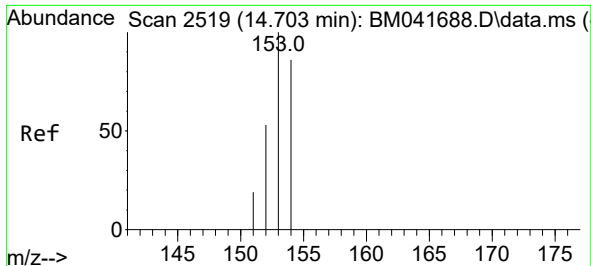
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.370 min Scan# 2447
Delta R.T. -0.005 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

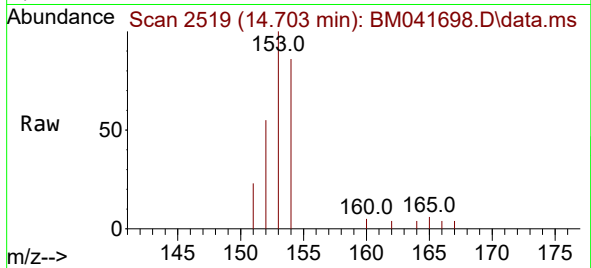
Tgt Ion:152 Resp: 2687
Ion Ratio Lower Upper
152 100
151 27.8 16.4 24.6#
153 21.7 11.1 16.7#





#11
Acenaphthene
Concen: 0.147 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. -0.009 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

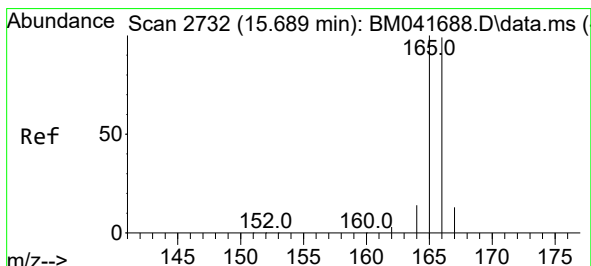
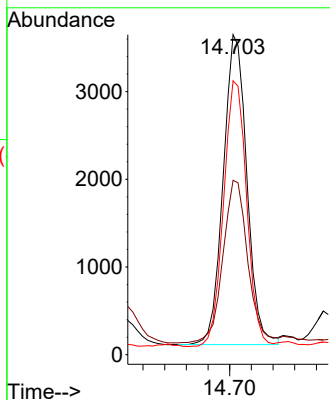
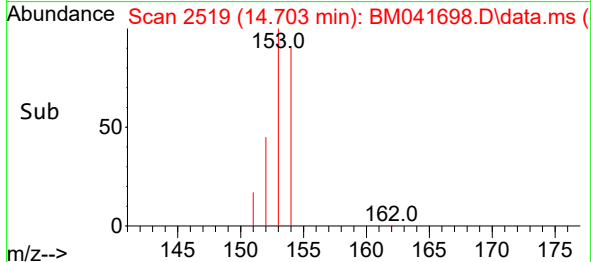
Instrument :
BNA_M
ClientSampleId :
EZYH6DL



Tgt Ion:153 Resp: 535
Ion Ratio Lower Upper
153 100
152 54.5 43.4 65.2
154 85.6 69.4 104.0

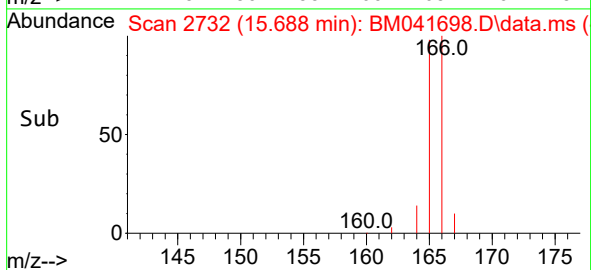
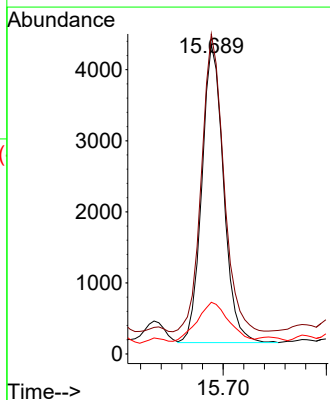
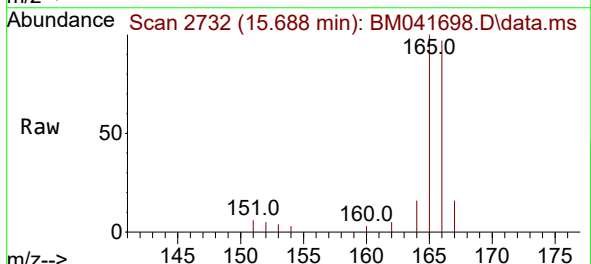
Manual Integrations
APPROVED

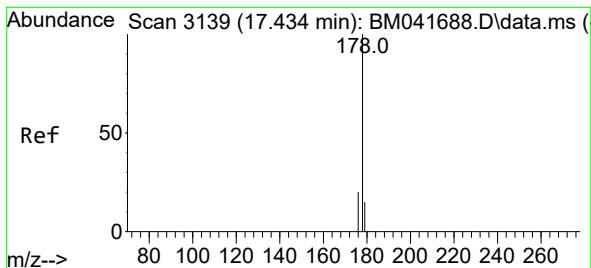
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#12
Fluorene
Concen: 0.150 ng/ul
RT: 15.688 min Scan# 2732
Delta R.T. -0.009 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

Tgt Ion:166 Resp: 6116
Ion Ratio Lower Upper
166 100
165 103.4 79.4 119.2
167 16.7 11.3 16.9





#15

Phenanthrene

Concen: 0.786 ng/ul

RT: 17.434 min Scan# 3139

Delta R.T. -0.008 min

Lab File: BM041698.D

Acq: 07 Sep 2023 17:03

Instrument :

BNA_M

ClientSampleId :

EZYH6DL

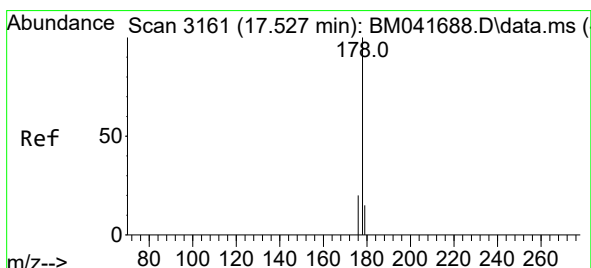
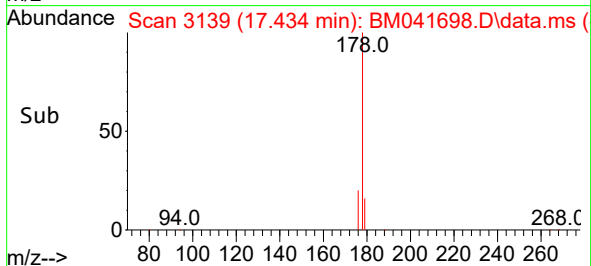
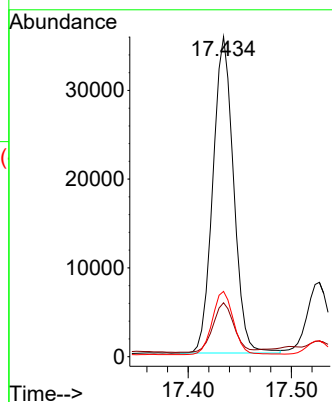
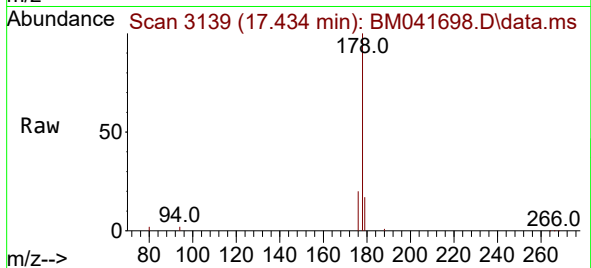
Tgt Ion:	178	Resp:	4962
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.9	19.3
176	20.4	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023

Supervised By :mohammad ahmed 09/09/2023



#16

Anthracene

Concen: 0.202 ng/ul

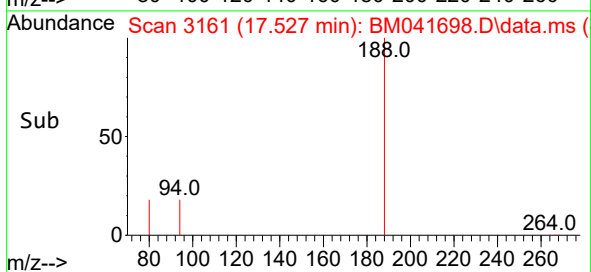
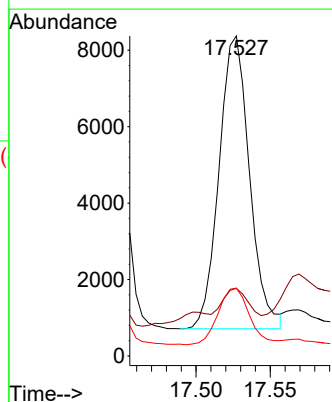
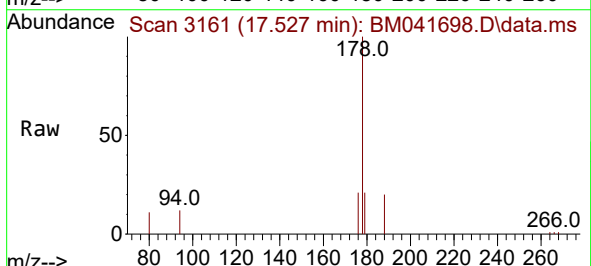
RT: 17.527 min Scan# 3161

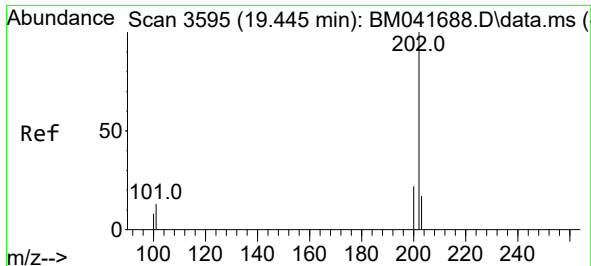
Delta R.T. -0.008 min

Lab File: BM041698.D

Acq: 07 Sep 2023 17:03

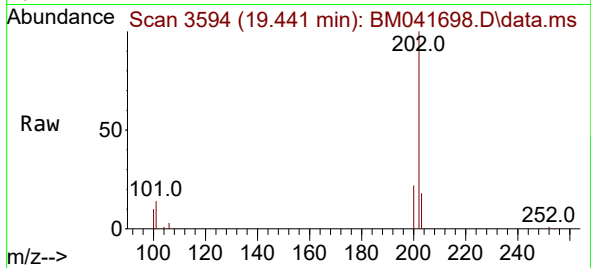
Tgt Ion:	178	Resp:	10941
Ion Ratio	Lower	Upper	
178	100		
179	21.1	12.9	19.3#
176	21.2	15.8	23.8





#19
Fluoranthene
Concen: 0.898 ng/ul
RT: 19.441 min Scan# 3595
Delta R.T. -0.009 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

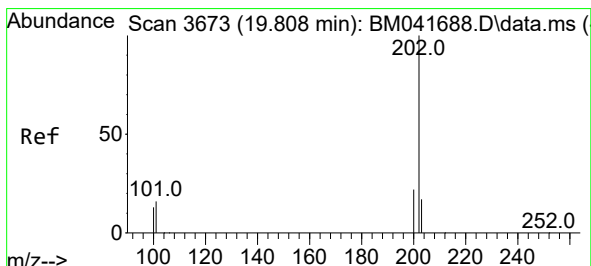
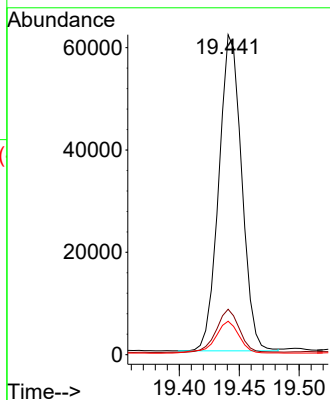
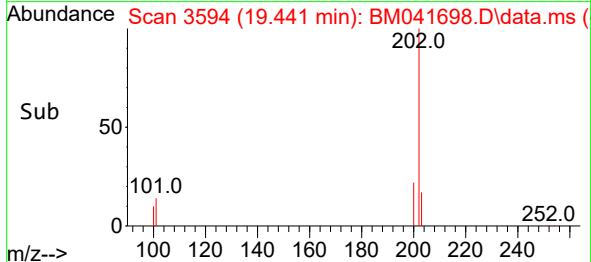
Instrument :
BNA_M
ClientSampleId :
EZYH6DL



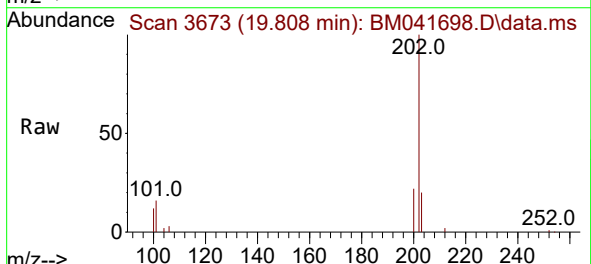
Tgt Ion:202 Resp: 82135
Ion Ratio Lower Upper
202 100
101 14.2 10.5 15.7
100 10.4 8.4 12.6

Manual Integrations
APPROVED

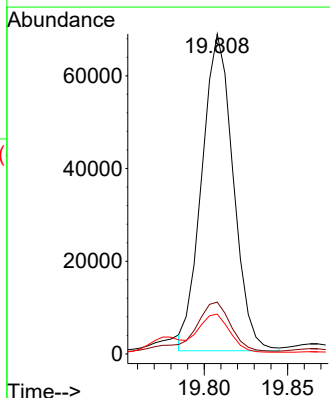
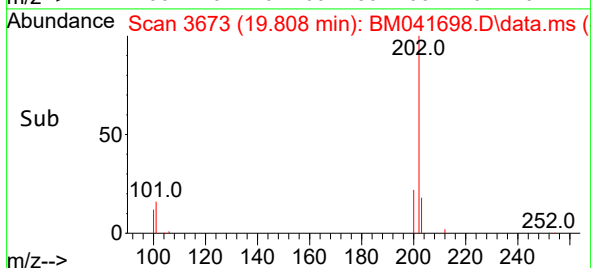
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023

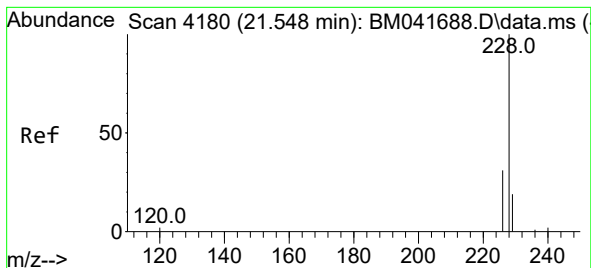


#20
Pyrene
Concen: 0.988 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03



Tgt Ion:202 Resp: 89714
Ion Ratio Lower Upper
202 100
101 16.2 11.8 17.8
100 12.5 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.520 ng/ul

RT: 21.545 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM041698.D

Acq: 07 Sep 2023 17:03

Instrument :

BNA_M

ClientSampleId :

EZYH6DL

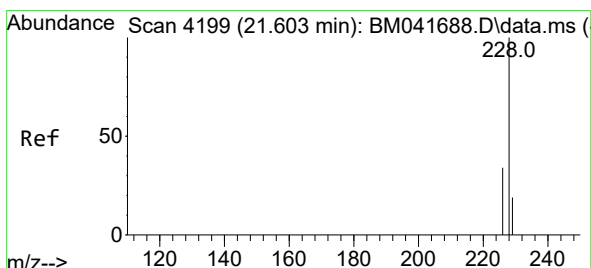
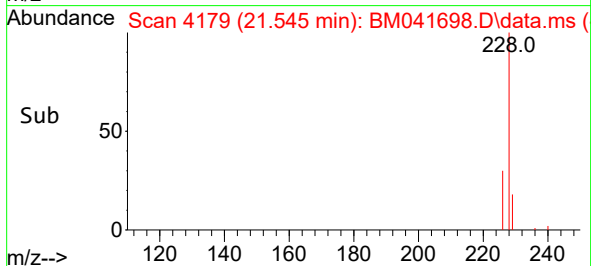
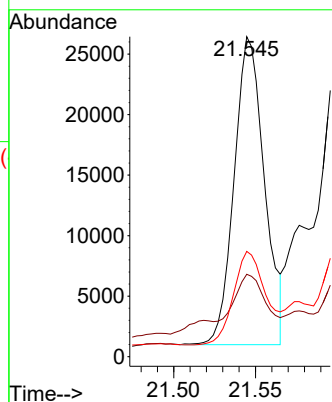
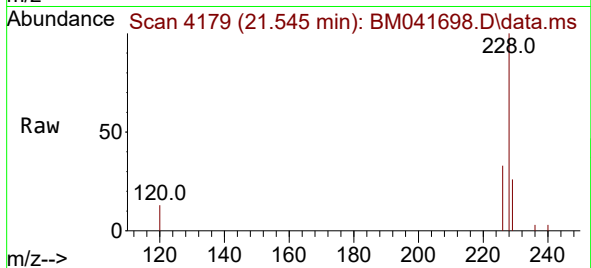
Tgt Ion:228	Resp:	3284
Ion Ratio	Lower	Upper
228	100	
229	25.8	15.8 23.6
226	32.9	24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/09/2023

Supervised By :mohammad ahmed 09/09/2023



#22

Chrysene

Concen: 0.622 ng/ul

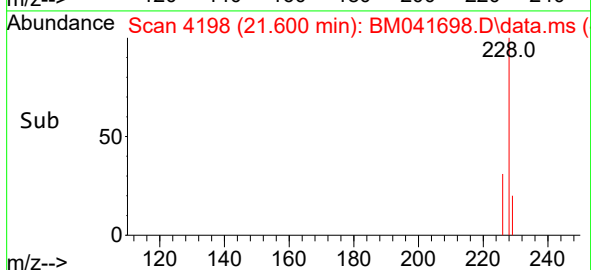
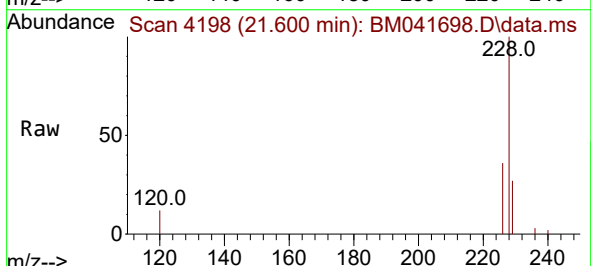
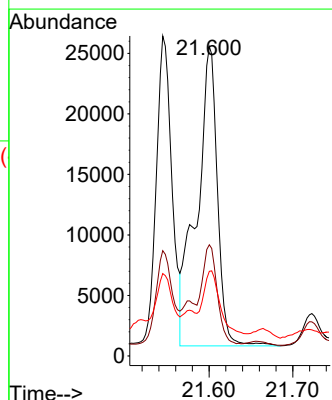
RT: 21.600 min Scan# 4198

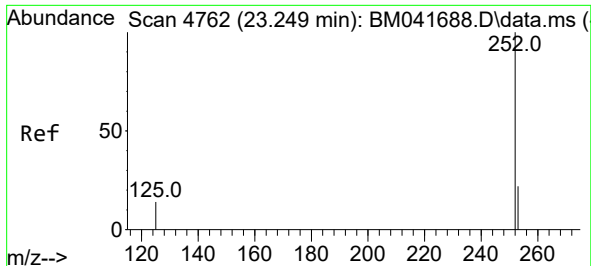
Delta R.T. -0.009 min

Lab File: BM041698.D

Acq: 07 Sep 2023 17:03

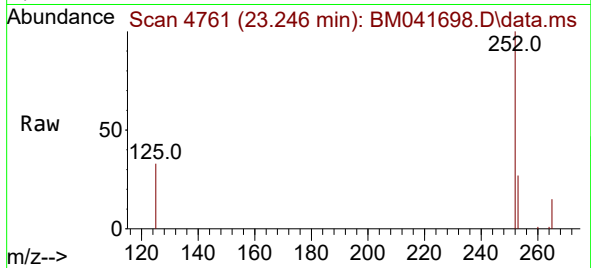
Tgt Ion:228	Resp:	42441
Ion Ratio	Lower	Upper
228	100	
226	36.0	27.0 40.6
229	27.4	15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.700 ng/ul
RT: 23.246 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

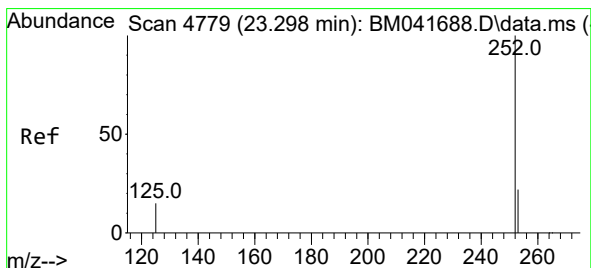
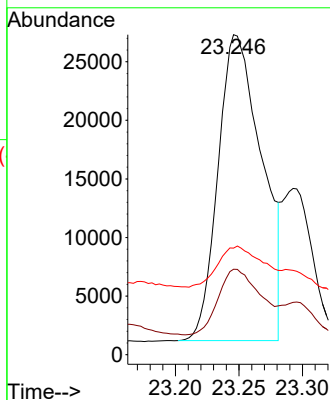
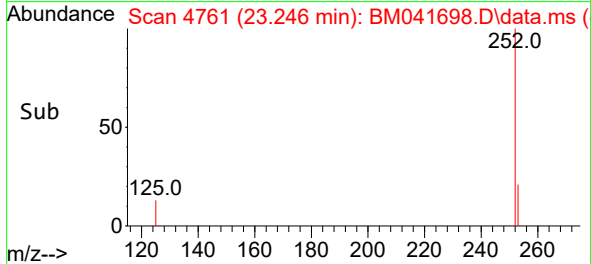
Instrument :
BNA_M
ClientSampleId :
EZYH6DL



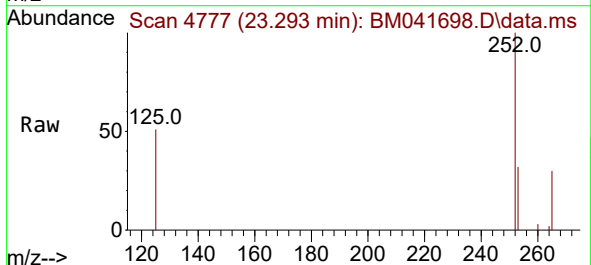
Tgt Ion:252 Resp: 62699
Ion Ratio Lower Upper
252 100
253 26.7 0.0 52.4
125 33.3 0.0 42.8

Manual Integrations
APPROVED

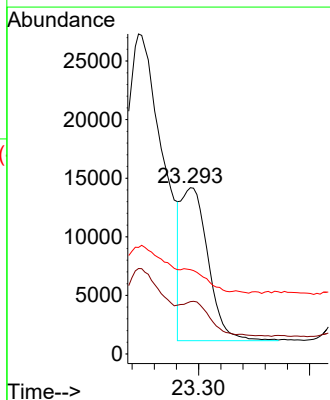
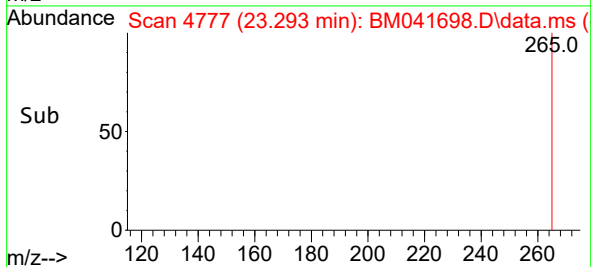
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023

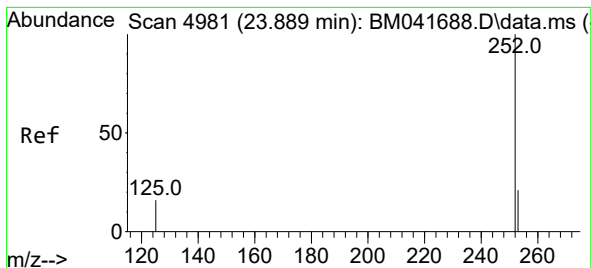


#25
Benzo(k)fluoranthene
Concen: 0.253 ng/ul m
RT: 23.293 min Scan# 4777
Delta R.T. -0.012 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03



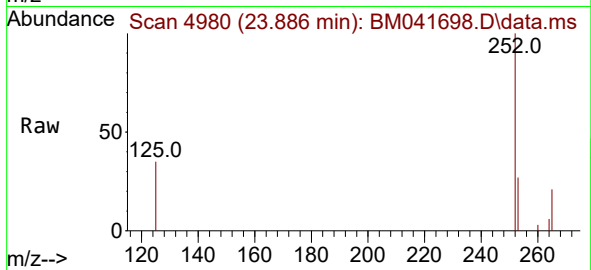
Tgt Ion:252 Resp: 22184
Ion Ratio Lower Upper
252 100
253 31.5 21.3 31.9
125 50.7 17.4 26.0#





#26
Benzo(a)pyrene
Concen: 0.554 ng/ul
RT: 23.886 min Scan# 4981
Delta R.T. -0.012 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

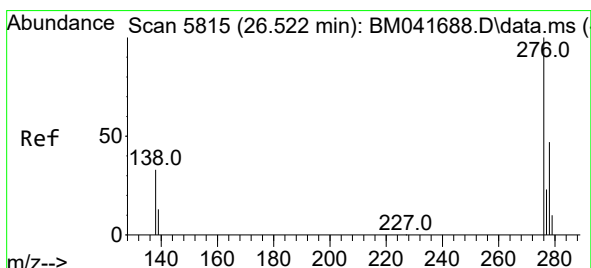
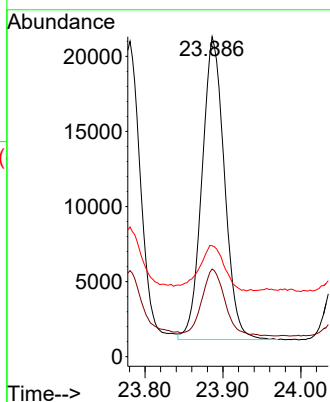
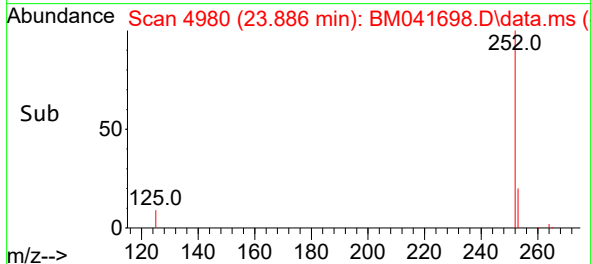
Instrument :
BNA_M
ClientSampleId :
EZYH6DL



Tgt Ion:252 Resp: 40360
Ion Ratio Lower Upper
252 100
253 27.4 22.4 33.6
125 34.6 21.0 31.4

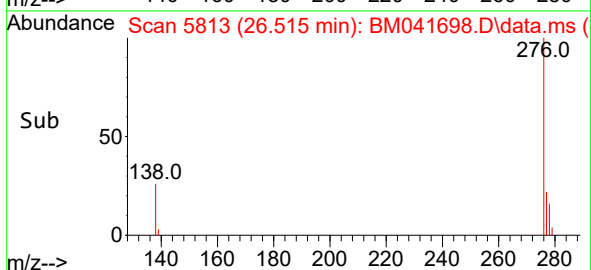
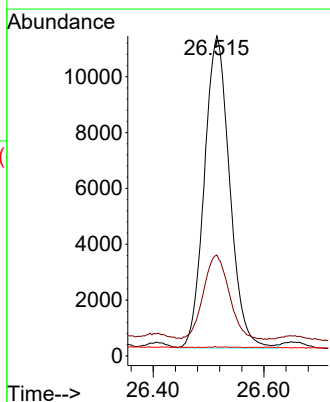
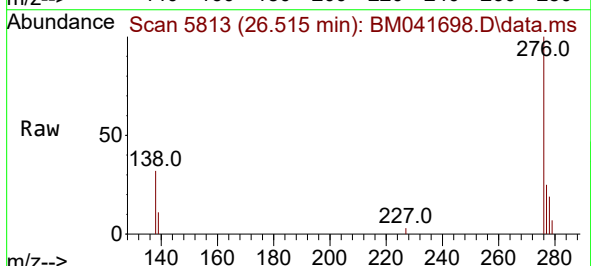
Manual Integrations
APPROVED

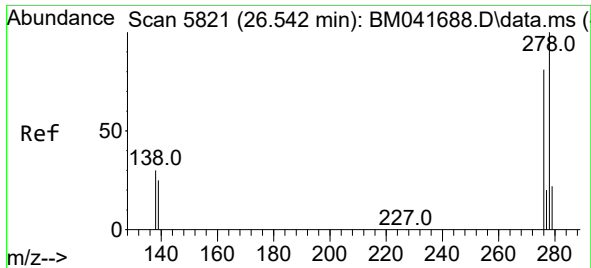
Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/09/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 26.515 min Scan# 5813
Delta R.T. -0.017 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

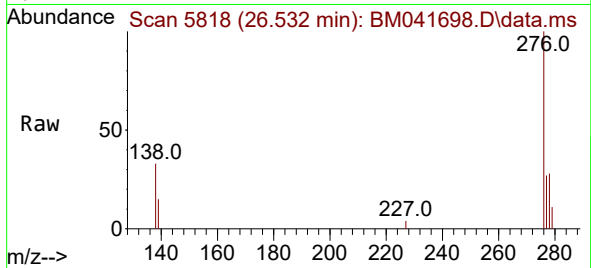
Tgt Ion:276 Resp: 35475
Ion Ratio Lower Upper
276 100
138 27.9 26.4 39.6
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.123 ng/ul
RT: 26.532 min Scan# 5818
Delta R.T. -0.020 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

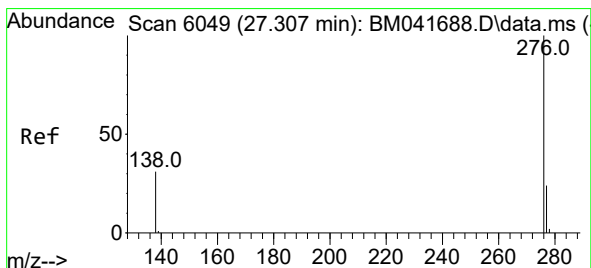
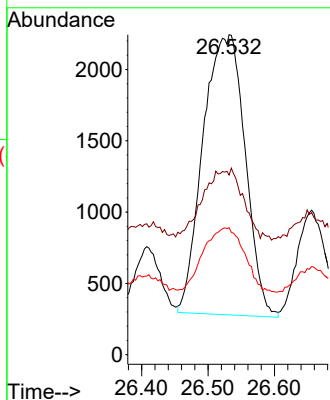
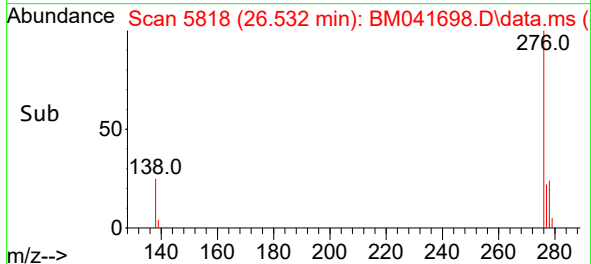
Instrument :
BNA_M
ClientSampleId :
EZYH6DL



Tgt Ion:278 Resp: 8634
Ion Ratio Lower Upper
278 100
139 56.1 23.0 34.6
279 39.7 22.9 34.3

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 27.303 min Scan# 6048
Delta R.T. -0.013 min
Lab File: BM041698.D
Acq: 07 Sep 2023 17:03

Tgt Ion:276 Resp: 39449
Ion Ratio Lower Upper
276 100
138 31.3 25.0 37.4
277 25.3 20.2 30.2

