

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041531.D
 Acq On : 28 Aug 2023 20:54
 Operator : MA/JU
 Sample : 04037-07DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EYZE3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 02:49:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:20:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	11683	0.400	ng/u1	0.00
4) Naphthalene-d8	10.944	136	29414	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.749	164	12848	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.502	188	22777	0.400	ng/u1	0.00
17) Chrysene-d12	21.688	240	10971	0.400	ng/u1	0.00
23) Perylene-d12	24.254	264	12708	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	13875	0.955	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.517	152	1711	0.044	ng/u1	0.00
18) Fluoranthene-d10	19.524	212	2157	0.048	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.994	128	5135	0.055	ng/u1	96
7) 2-Methylnaphthalene	12.588	142	1240	0.022	ng/u1	100
11) Acenaphthene	14.814	153	1485	0.025	ng/u1	97
15) Phenanthrene	17.544	178	288639	3.088	ng/u1	100
16) Anthracene	17.637	178	7845	0.091	ng/u1	96
19) Fluoranthene	19.557	202	395377	3.890	ng/u1	98
20) Pyrene	19.919	202	295118	2.870	ng/u1	97
21) Benzo(a)anthracene	21.673	228	93161	1.192	ng/u1	99
22) Chrysene	21.729	228	128873	1.664	ng/u1	98
24) Benzo(b)fluoranthene	23.462	252	152285	1.885	ng/u1	97
25) Benzo(k)fluoranthene	23.509	252	57352m	0.726	ng/u1	
26) Benzo(a)pyrene	24.137	252	72127	0.988	ng/u1	96
27) Indeno(1,2,3-cd)pyrene	26.961	276	77505	0.790	ng/u1#	93
28) Dibenzo(a,h)anthracene	26.998	278	16313	0.231	ng/u1	93
29) Benzo(g,h,i)perylene	27.810	276	75264	0.915	ng/u1	99

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

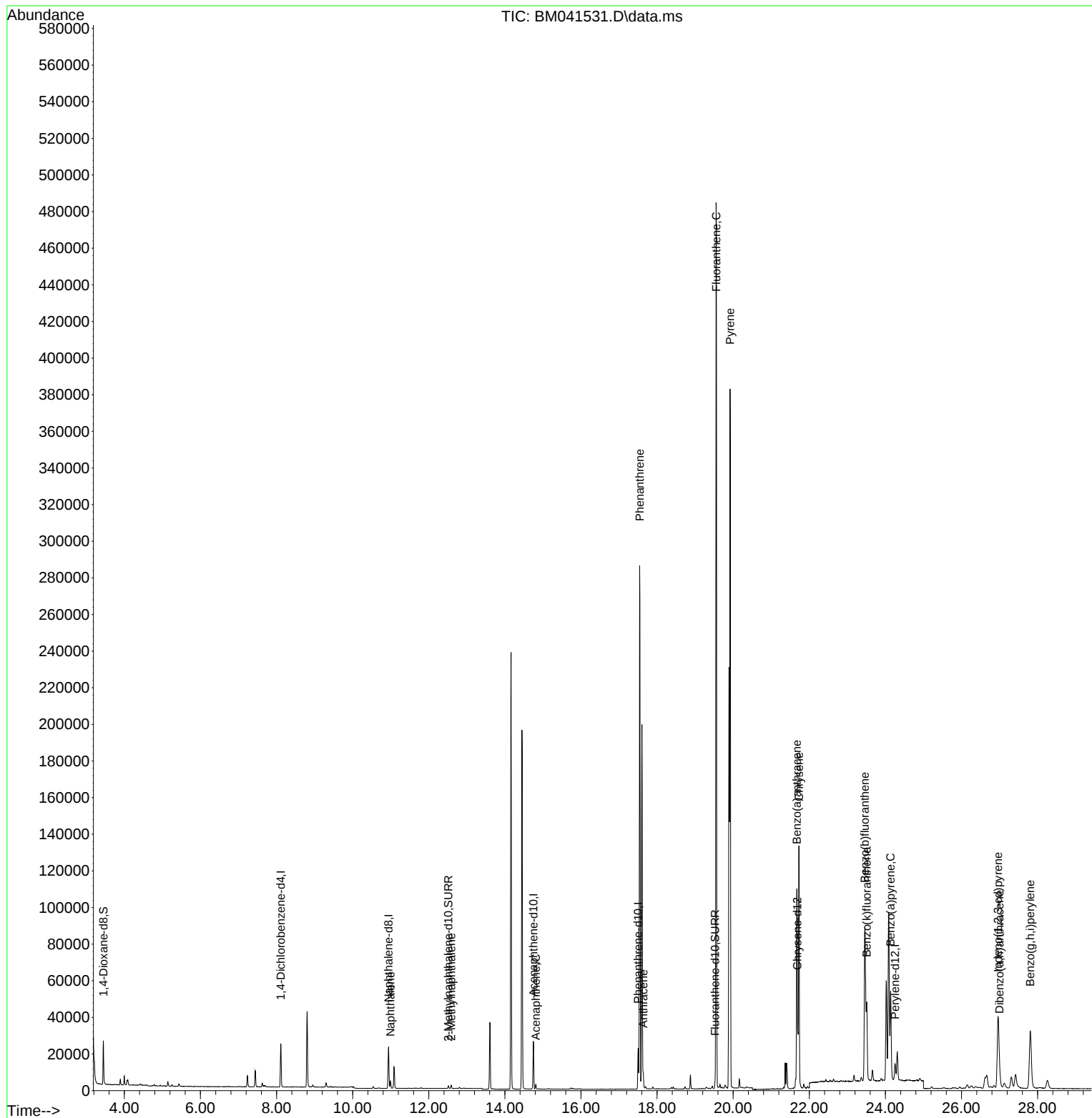
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041531.D
Acq On : 28 Aug 2023 20:54
Operator : MA/JU
Sample : 04037-07DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

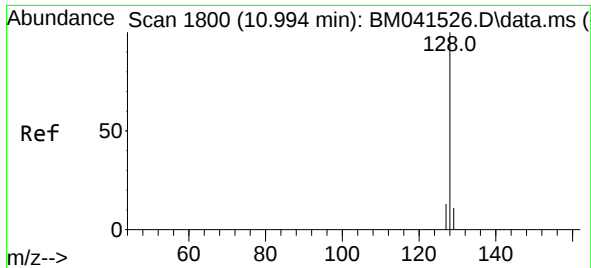
Instrument :
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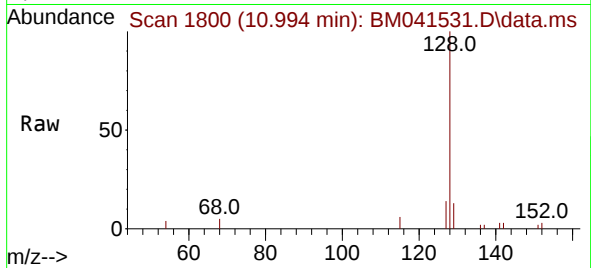
Quant Time: Aug 29 02:49:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:20:06 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.055 ng/u1
RT: 10.994 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54

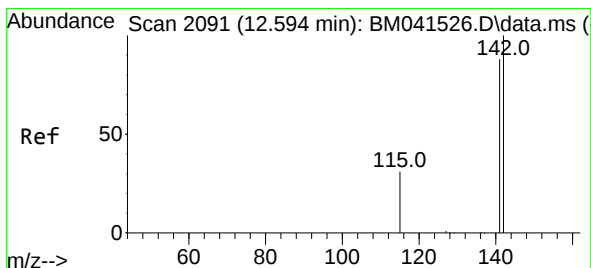
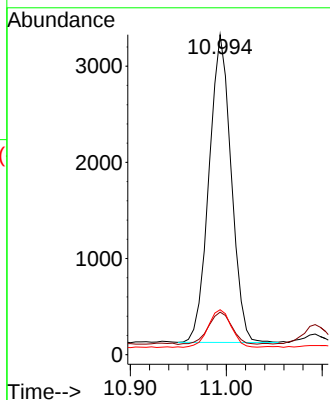
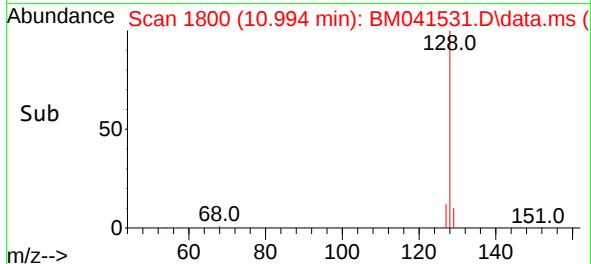
Instrument :
BNA_M
ClientSampleId :
EZY3DL



Tgt Ion:128 Resp: 513
Ion Ratio Lower Upper
128 100
129 13.3 8.9 13.3
127 14.1 10.6 15.8

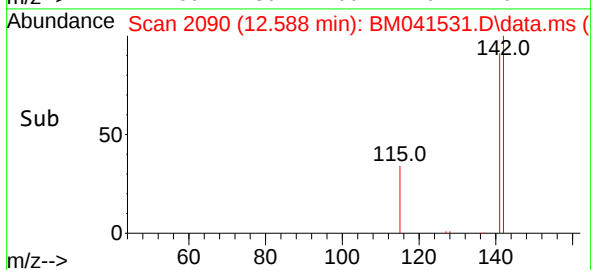
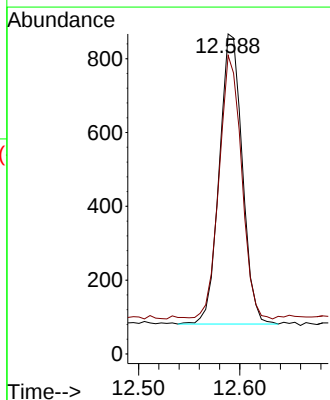
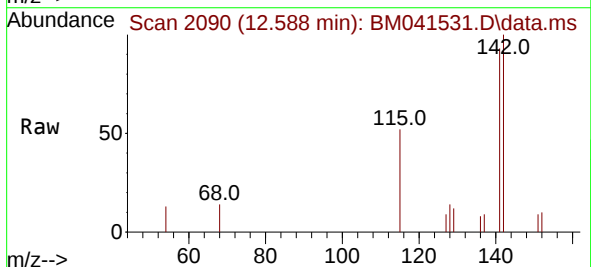
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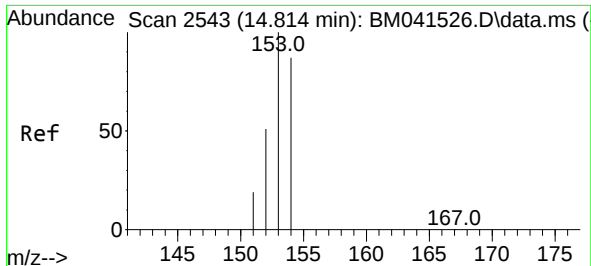
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#7
2-Methylnaphthalene
Concen: 0.022 ng/u1
RT: 12.588 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54

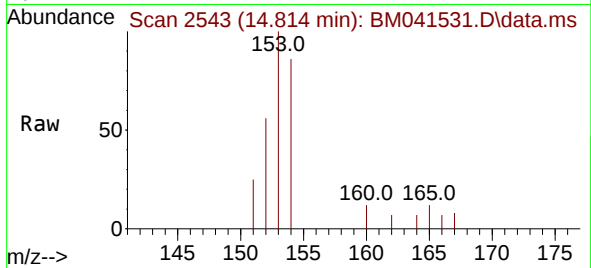
Tgt Ion:142 Resp: 1240
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6





#11
Acenaphthene
Concen: 0.025 ng/u1
RT: 14.814 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54

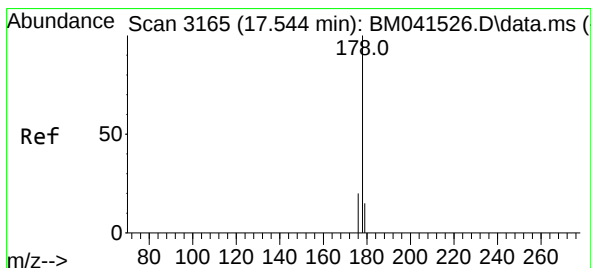
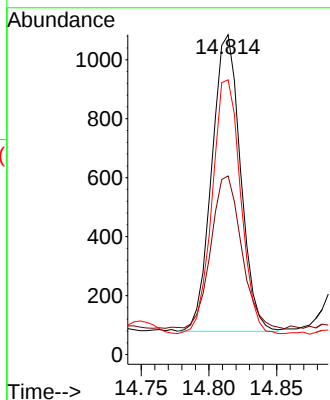
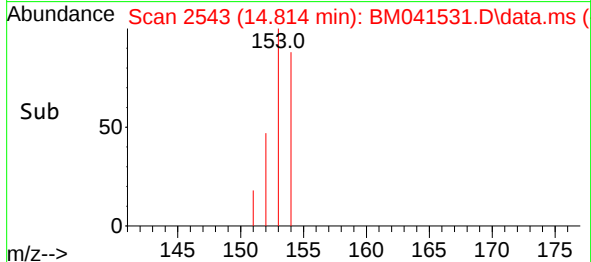
Instrument :
BNA_M
ClientSampleId :
EZY3DL



Tgt Ion:153 Resp: 1485
Ion Ratio Lower Upper
153 100
152 55.9 41.1 61.7
154 85.9 69.4 104.0

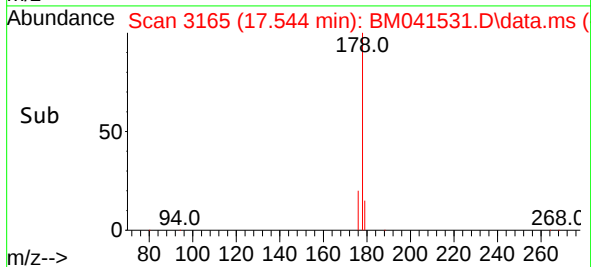
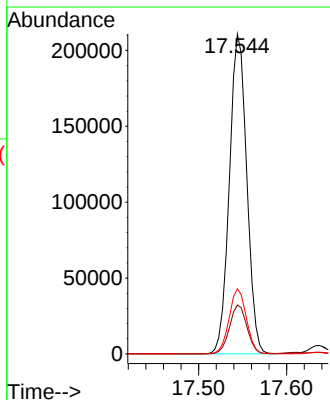
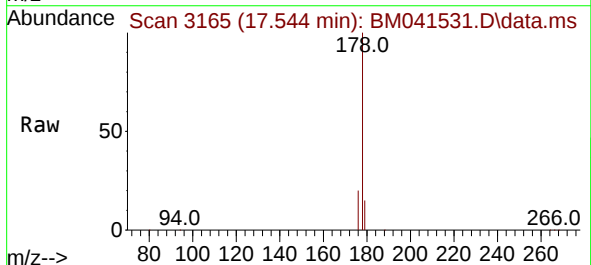
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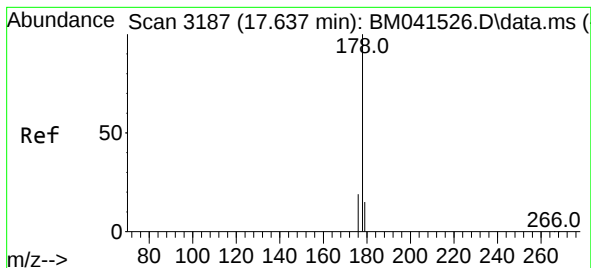
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#15
Phenanthrene
Concen: 3.088 ng/u1
RT: 17.544 min Scan# 3165
Delta R.T. 0.000 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54

Tgt Ion:178 Resp: 288639
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 20.4 16.3 24.5





#16

Anthracene

Concen: 0.091 ng/u1

RT: 17.637 min Scan# 3187

Delta R.T. 0.000 min

Lab File: BM041531.D

Acq: 28 Aug 2023 20:54

Instrument :

BNA_M

ClientSampleId :

EZY3DL

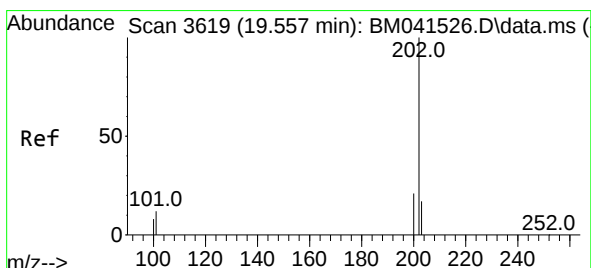
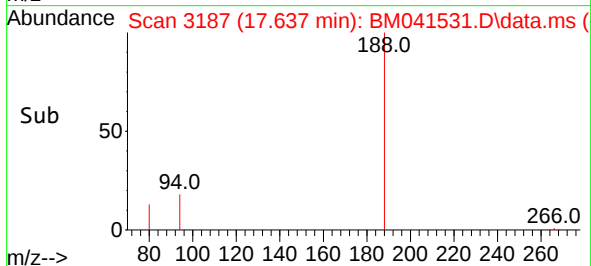
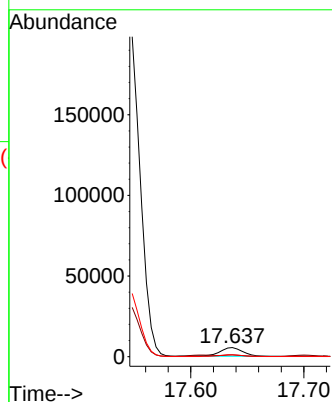
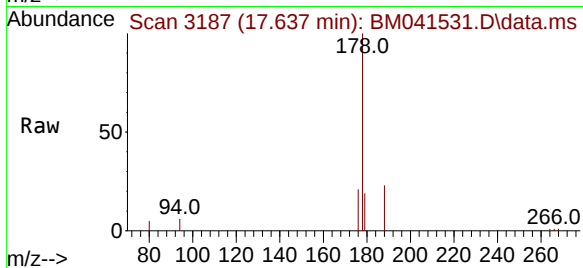
Tgt Ion:178	Resp:	784
Ion Ratio	Lower	Upper
178	100	
179	18.7	12.6 19.0
176	21.0	15.9 23.9

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#19

Fluoranthene

Concen: 3.890 ng/u1

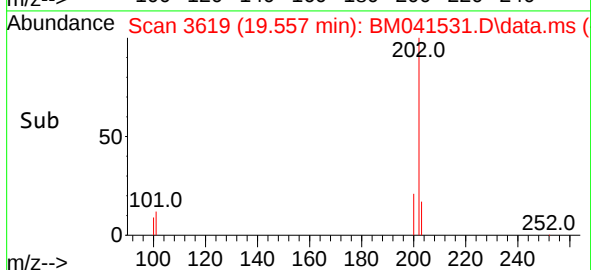
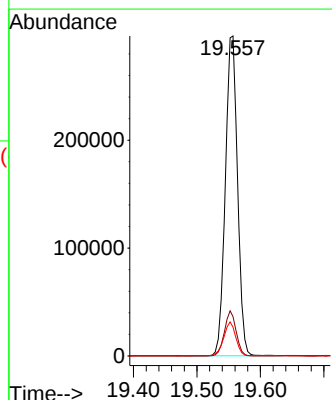
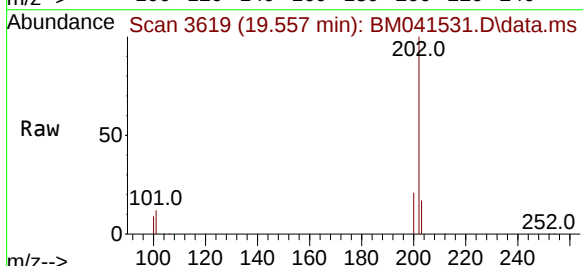
RT: 19.557 min Scan# 3619

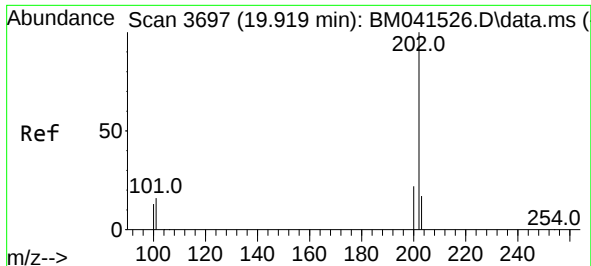
Delta R.T. 0.000 min

Lab File: BM041531.D

Acq: 28 Aug 2023 20:54

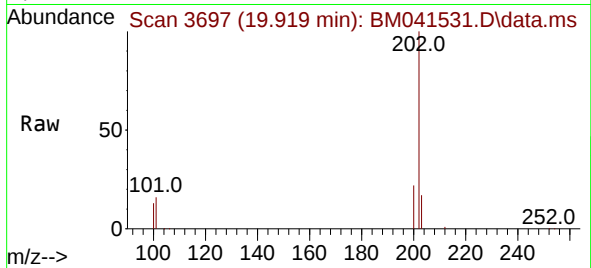
Tgt Ion:202	Resp:	395377
Ion Ratio	Lower	Upper
202	100	
101	12.3	10.5 15.7
100	9.0	7.8 11.6





#20
Pyrene
Concen: 2.870 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.005 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54

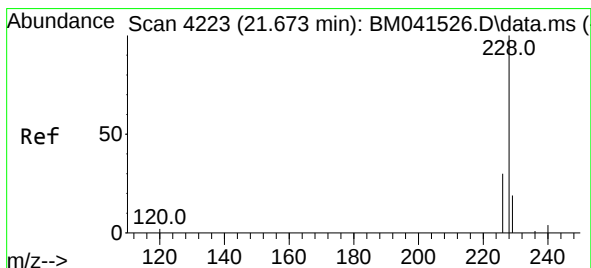
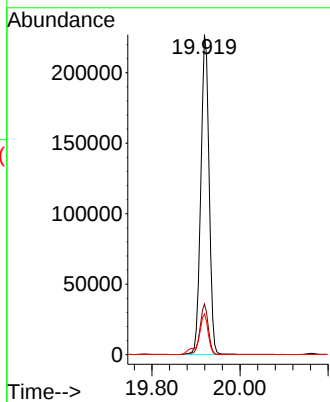
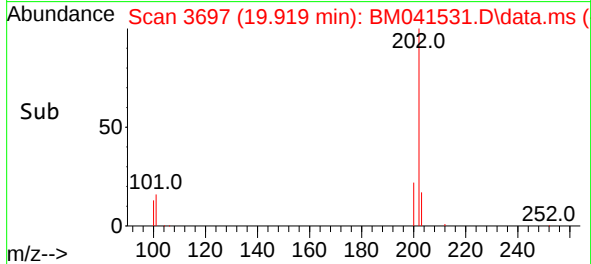
Instrument :
BNA_M
ClientSampleId :
EZY3DL



Tgt Ion:202 Resp: 295118
Ion Ratio Lower Upper
202 100
101 15.8 11.6 17.4
100 12.7 9.1 13.7

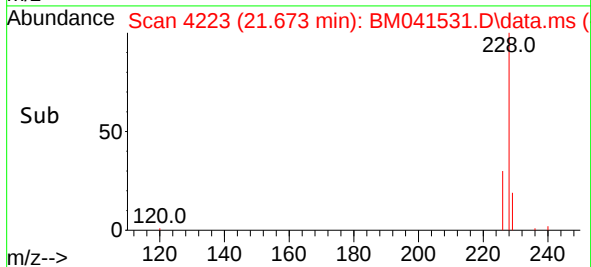
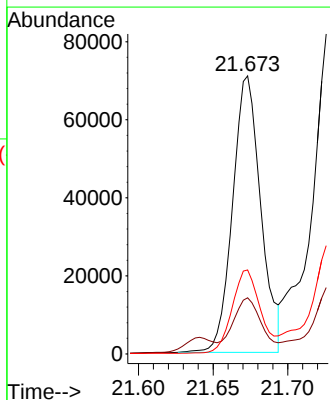
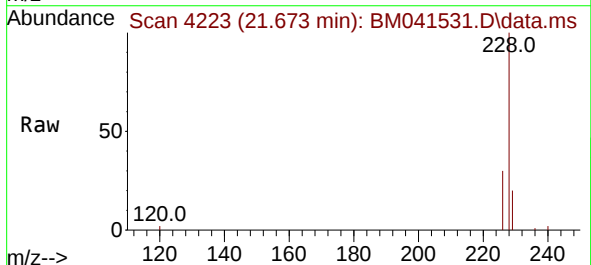
Manual Integrations
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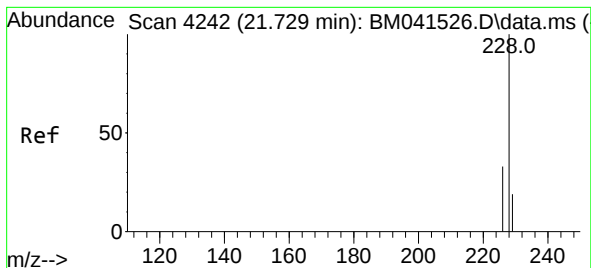
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#21
Benzo(a)anthracene
Concen: 1.192 ng/ul
RT: 21.673 min Scan# 4223
Delta R.T. -0.003 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54

Tgt Ion:228 Resp: 93161
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 30.2 24.0 36.0





#22

Chrysene

Concen: 1.664 ng/ul

RT: 21.729 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM041531.D

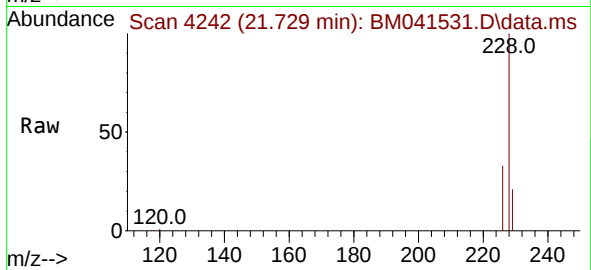
Acq: 28 Aug 2023 20:54

Instrument :

BNA_M

ClientSampleId :

EZY3DL



Tgt Ion:228 Resp: 12887

Ion Ratio Lower Upper

228 100

226 33.1 26.3 39.5

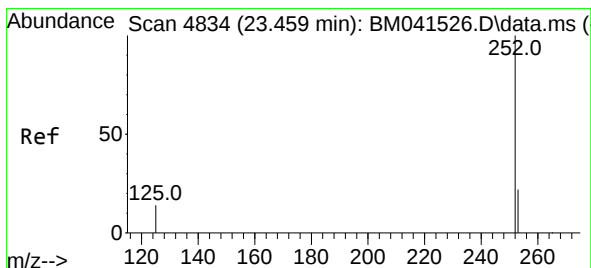
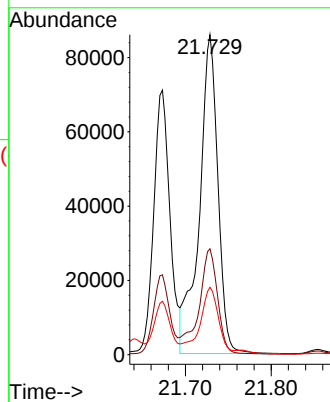
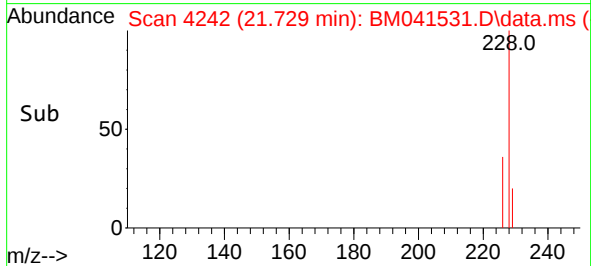
229 21.0 15.4 23.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#24

Benzo(b)fluoranthene

Concen: 1.885 ng/ul

RT: 23.462 min Scan# 4835

Delta R.T. 0.000 min

Lab File: BM041531.D

Acq: 28 Aug 2023 20:54

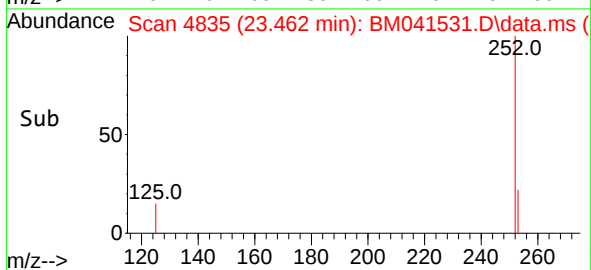
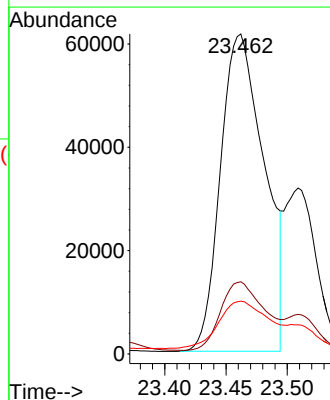
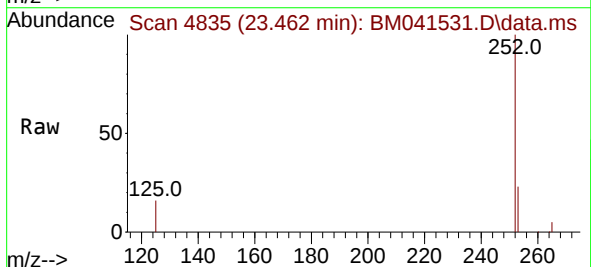
Tgt Ion:252 Resp: 152285

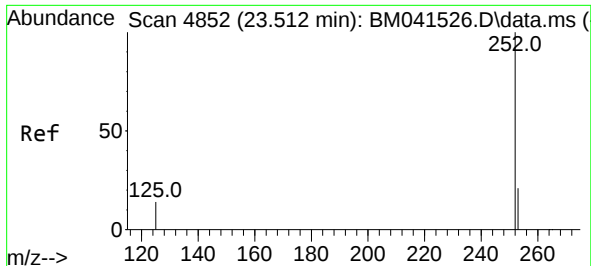
Ion Ratio Lower Upper

252 100

253 22.5 0.0 47.0

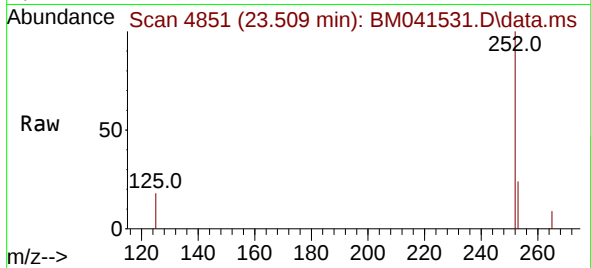
125 16.5 0.0 37.2





#25
Benzo(k)fluoranthene
Concen: 0.726 ng/ul m
RT: 23.509 min Scan# 4851
Delta R.T. -0.009 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54

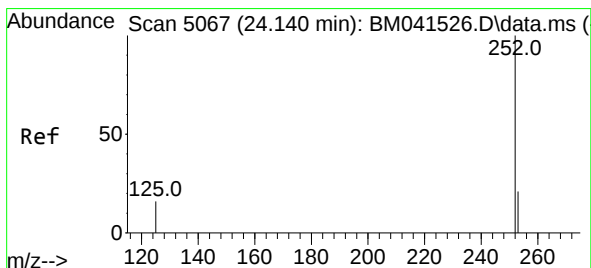
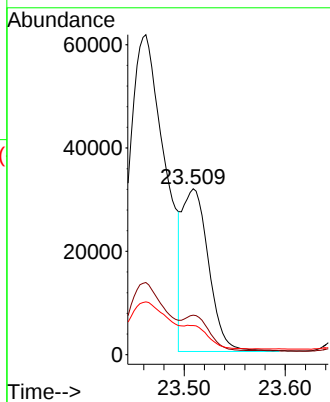
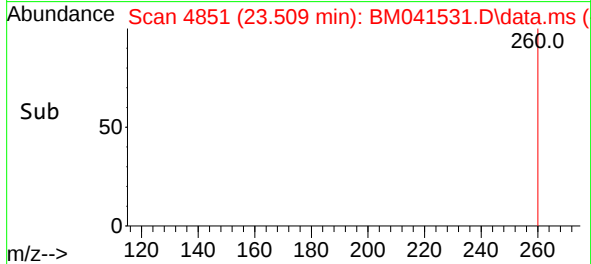
Instrument :
BNA_M
ClientSampleId :
EZY3DL



Tgt Ion:252 Resp: 57352
Ion Ratio Lower Upper
252 100
253 23.8 19.3 28.9
125 17.5 15.0 22.4

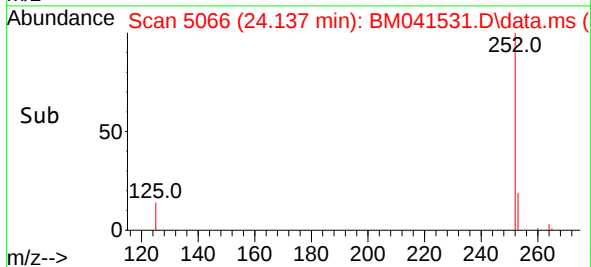
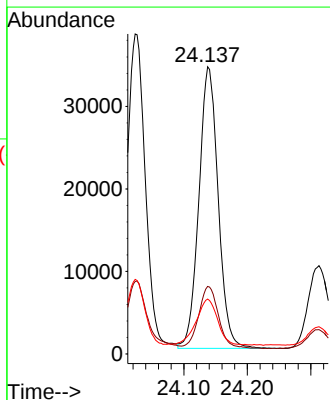
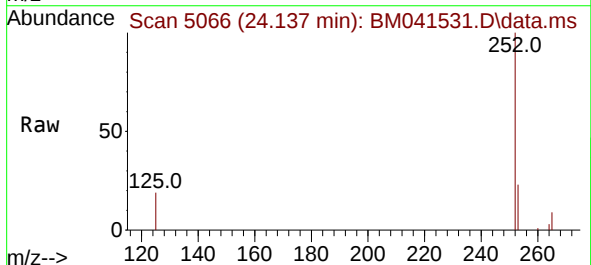
Manual Integrations
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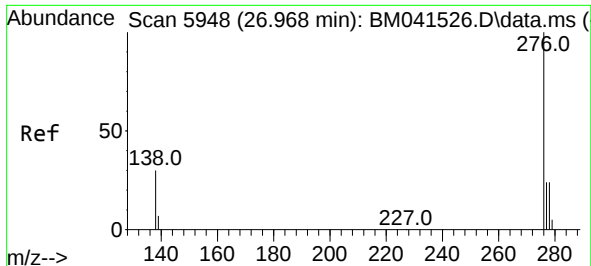
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#26
Benzo(a)pyrene
Concen: 0.988 ng/ul
RT: 24.137 min Scan# 5066
Delta R.T. -0.006 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54

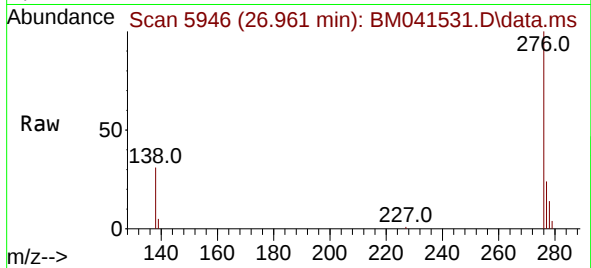
Tgt Ion:252 Resp: 72127
Ion Ratio Lower Upper
252 100
253 23.5 20.0 30.0
125 19.1 17.1 25.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.790 ng/ul
RT: 26.961 min Scan# 5946
Delta R.T. -0.010 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54

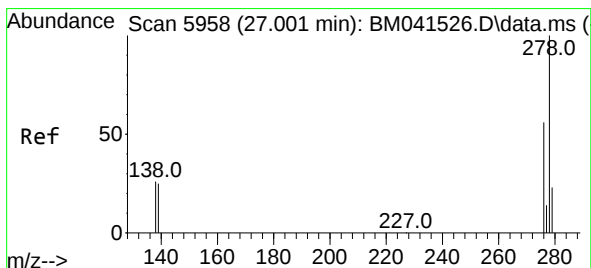
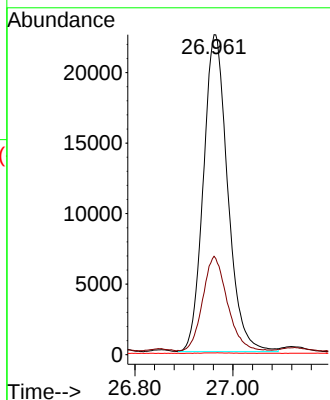
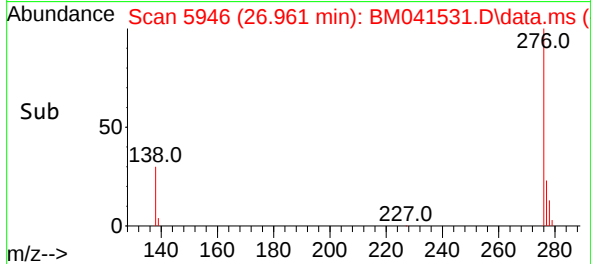
Instrument :
BNA_M
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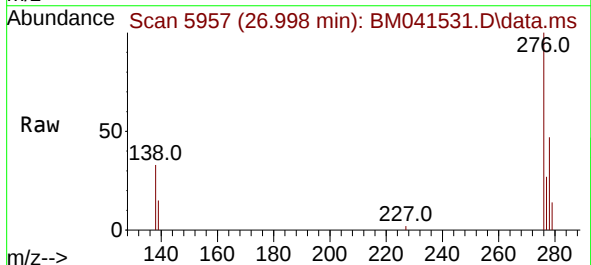
Tgt Ion:276 Resp: 7750
Ion Ratio Lower Upper
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138 30.0 27.3 40.9
227 0.1 0.0 0.0

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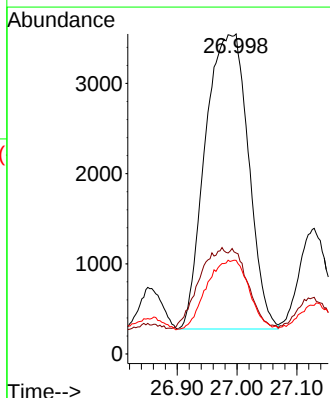
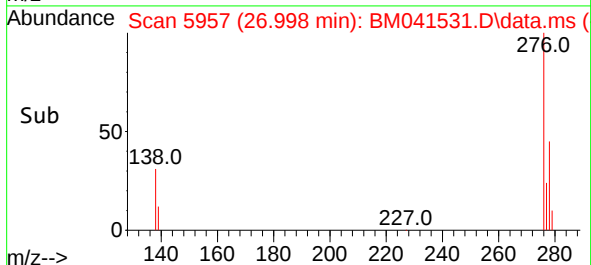
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

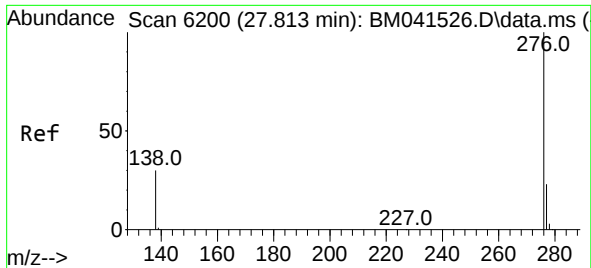


#28
Dibenzo(a,h)anthracene
Concen: 0.231 ng/ul
RT: 26.998 min Scan# 5957
Delta R.T. -0.010 min
Lab File: BM041531.D
Acq: 28 Aug 2023 20:54



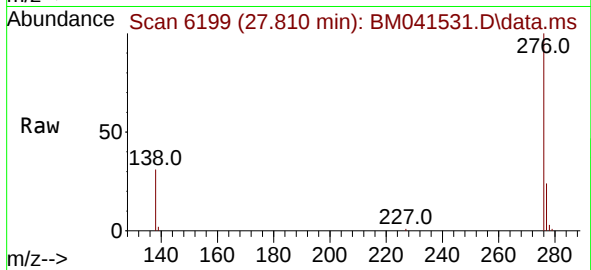
Tgt Ion:278 Resp: 16313
Ion Ratio Lower Upper
278 100
139 31.6 22.2 33.2
279 29.3 20.4 30.6





#29
 Benzo(g,h,i)perylene
 Concen: 0.915 ng/ul
 RT: 27.810 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BM041531.D
 Acq: 28 Aug 2023 20:54

Instrument :
 BNA_M
 ClientSampleId :
 EZYE3DL



Tgt Ion: 276 Resp: 75264
 Ion Ratio Lower Upper
 276 100
 138 31.4 25.9 38.9
 277 23.5 19.1 28.7

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 08/29/2023
 Supervised By : mohammad ahmed 08/29/2023

