

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045691.D
 Acq On : 03 May 2024 12:12
 Operator : MA/JU
 Sample : P2238-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX6

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: May 03 13:17:26 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri May 03 03:27:04 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							05/03/2024
1) 1,4-Dichlorobenzene-d4	7.521	152	409	0.400	ng/ul	#-0.05	Supervised By :mohammad Summed
4) Naphthalene-d8	10.286	136	1240	0.400	ng/ul	#-0.06	
9) Acenaphthene-d10	14.173	164	855	0.400	ng/ul	-0.02	
13) Phenanthrene-d10	16.938	188	2045m	0.400	ng/ul	-0.04	
17) Chrysene-d12	21.157	240	2386	0.400	ng/ul	-0.03	
23) Perylene-d12	23.334	264	2741m	0.400	ng/ul	-0.04	05/06/2024
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.142	96	1599	3.453	ng/ul	-0.01	
6) 2-Methylnaphthalene-d10	11.898	152	517	0.264	ng/ul	-0.05	
18) Fluoranthene-d10	18.983	212	1551	0.259	ng/ul	-0.03	
Target Compounds							Qvalue
5) Naphthalene	10.336	128	1034	0.327	ng/ul#	77	
7) 2-Methylnaphthalene	11.975	142	478	0.250	ng/ul	97	
8) 1-Methylnaphthalene	12.189	142	265	0.125	ng/ul	92	
10) Acenaphthylene	13.891	152	426	0.119	ng/ul#	78	
11) Acenaphthene	14.233	153	1336	0.502	ng/ul	96	
12) Fluorene	15.237	166	853	0.276	ng/ul	96	
15) Phenanthrene	16.976	178	14412m	2.837	ng/ul		
16) Anthracene	17.073	178	2783m	0.565	ng/ul		
19) Fluoranthene	19.011	202	28044	3.699	ng/ul#	83	
20) Pyrene	19.378	202	26220	3.251	ng/ul#	84	
21) Benzo(a)anthracene	21.143	228	24280	3.486	ng/ul#	91	
22) Chrysene	21.195	228	27745	2.815	ng/ul	93	
24) Benzo(b)fluoranthene	22.688	252	73254m	9.595	ng/ul		
25) Benzo(k)fluoranthene	22.726	252	26106m	2.762	ng/ul		
26) Benzo(a)pyrene	23.238	252	55246	6.529	ng/ul#	74	
27) Indeno(1,2,3-cd)pyrene	25.497	276	58496	5.019	ng/ul#	96	
28) Dibenzo(a,h)anthracene	25.500	278	13618m	1.461	ng/ul		
29) Benzo(g,h,i)perylene	26.158	276	65135	6.303	ng/ul#	83	

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

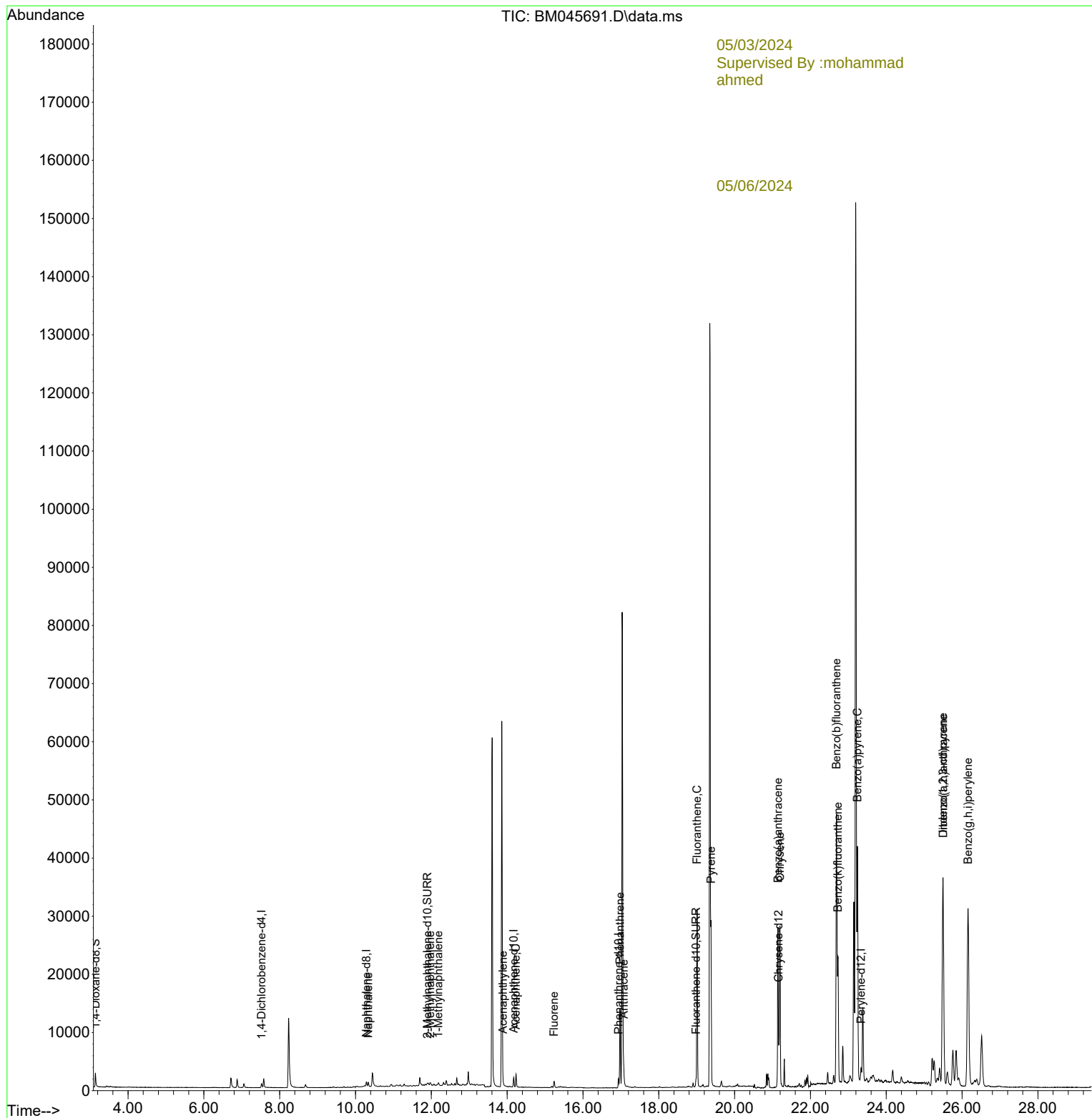
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Data File : BM045691.D
Acq On : 03 May 2024 12:12
Operator : MA/JU
Sample : P2238-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

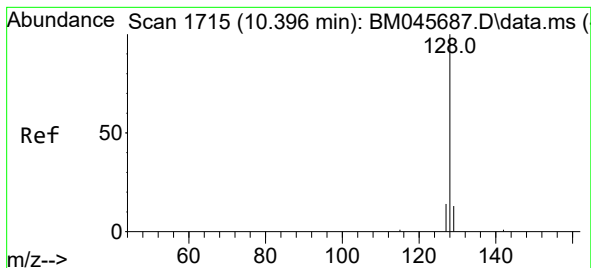
Instrument :
BNA_M
ClientSampleId :
E1CX6

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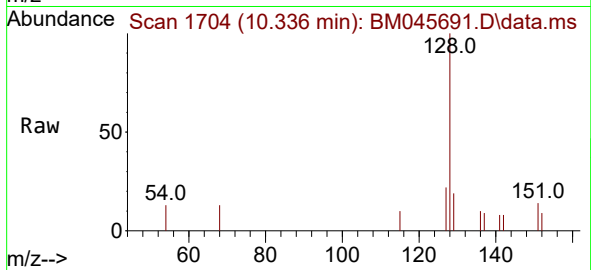
Quant Time: May 03 13:17:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 03 03:27:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.327 ng/ul
RT: 10.336 min Scan# 11
Delta R.T. -0.055 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

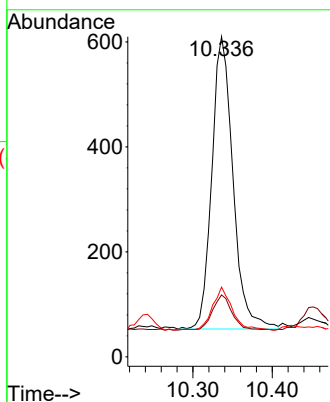
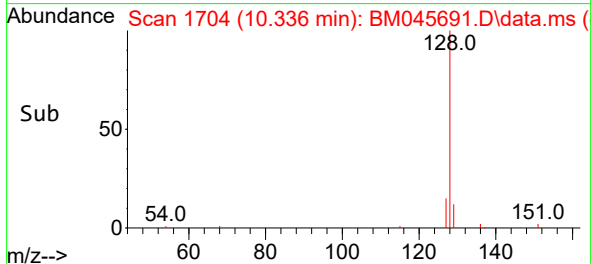
Instrument :
BNA_M
ClientSampleId :
E1CX6



Tgt Ion:128 Resp: 1034
Ion Ratio Lower Upper
128 100
129 19.3 26.2 39.4
127 21.8 27.4 41.2

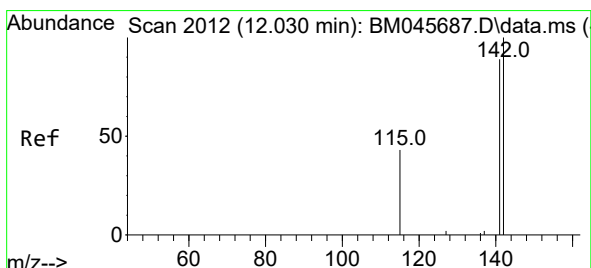
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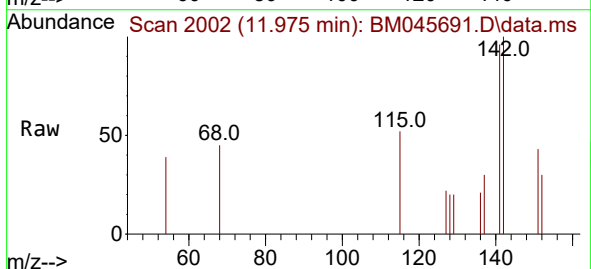


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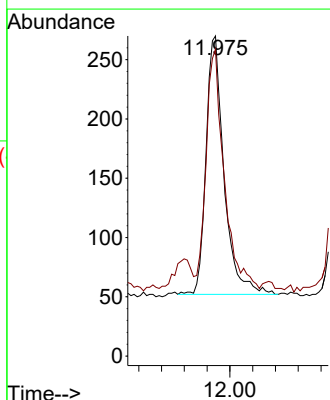
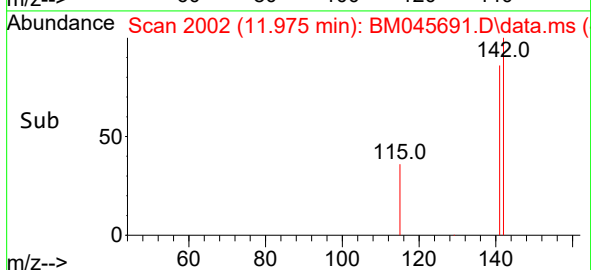
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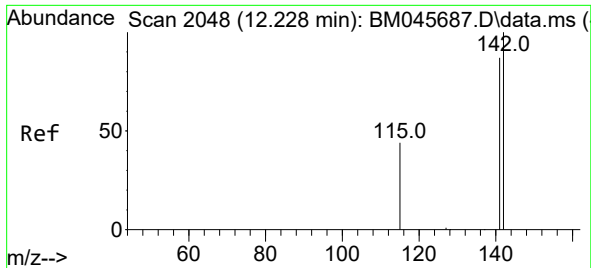


#7
2-Methylnaphthalene
Concen: 0.250 ng/ul
RT: 11.975 min Scan# 2002
Delta R.T. -0.055 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12



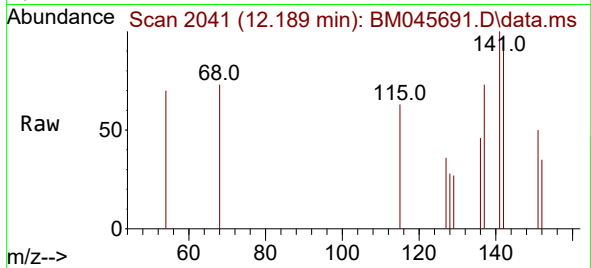
Tgt Ion:142 Resp: 478
Ion Ratio Lower Upper
142 100
141 93.1 76.9 115.3





#8
1-Methylnaphthalene
Concen: 0.125 ng/ul
RT: 12.189 min Scan# 2048
Delta R.T. -0.038 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

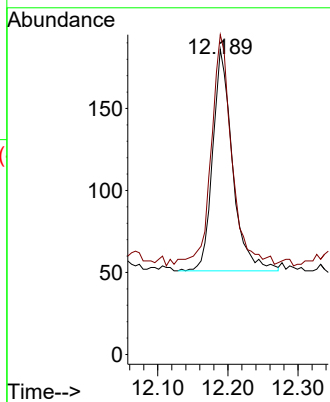
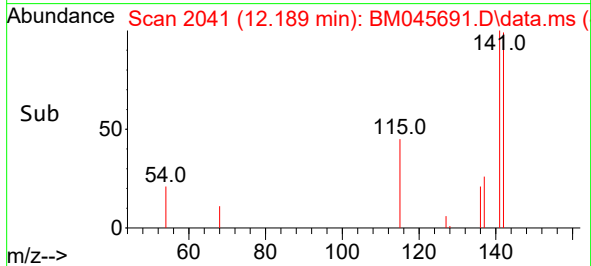
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 269
Ion Ratio Lower Upper
142 100
141 106.8 79.4 119.2

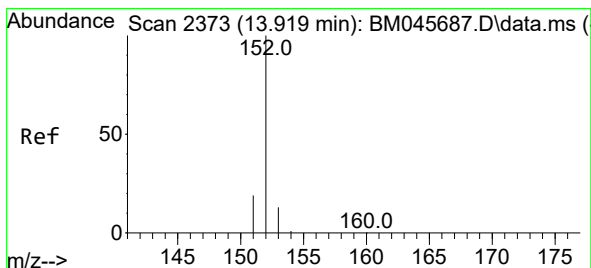
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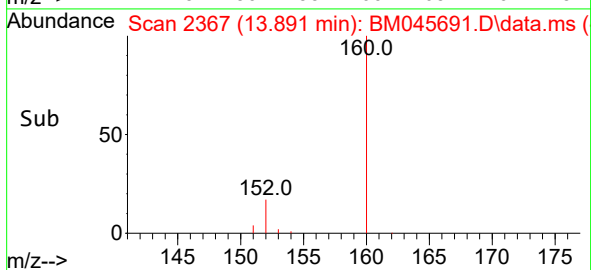
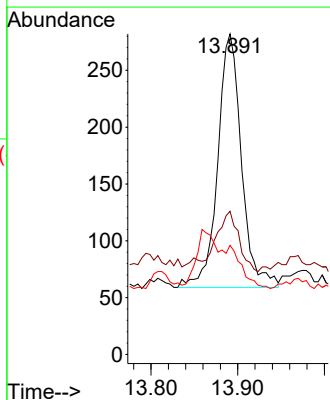
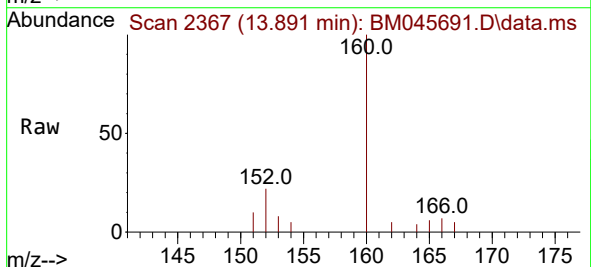
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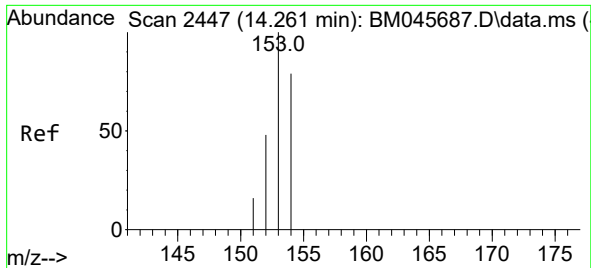
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#10
Acenaphthylene
Concen: 0.119 ng/ul
RT: 13.891 min Scan# 2367
Delta R.T. -0.037 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

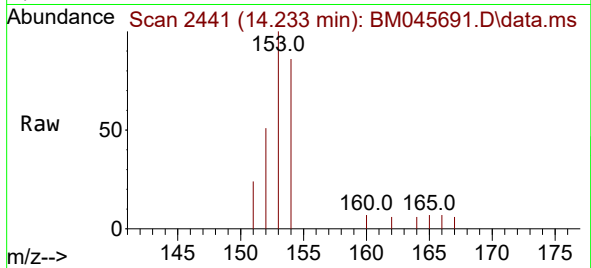
Tgt Ion:152 Resp: 426
Ion Ratio Lower Upper
152 100
151 44.7 25.0 37.4#
153 34.0 19.6 29.4#





#11
Acenaphthene
Concen: 0.502 ng/ul
RT: 14.233 min Scan# 2441
Delta R.T. -0.028 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

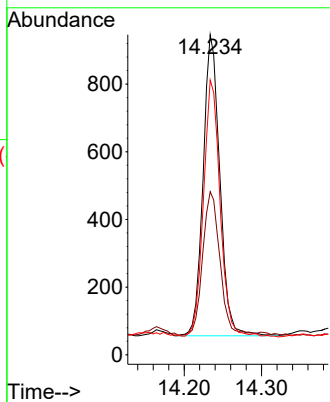
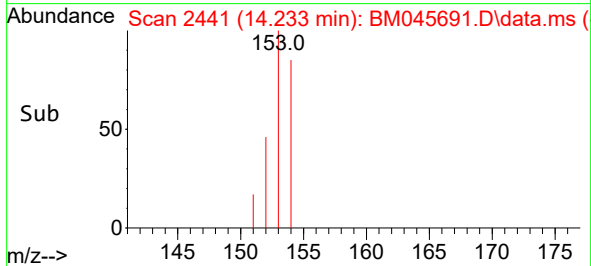
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 1330
Ion Ratio Lower Upper
153 100
152 51.0 45.1 67.7
154 85.8 67.6 101.4

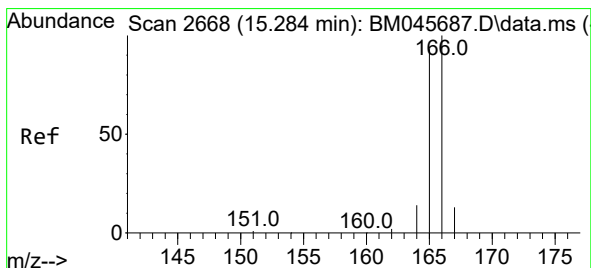
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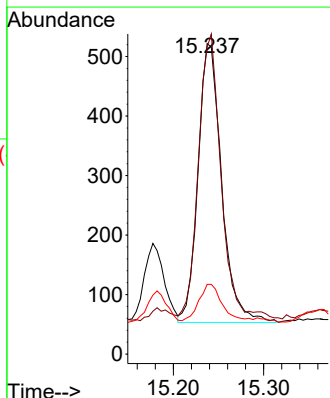
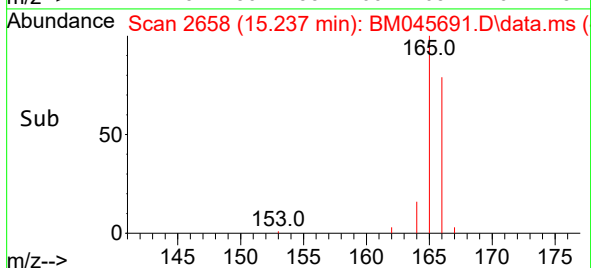
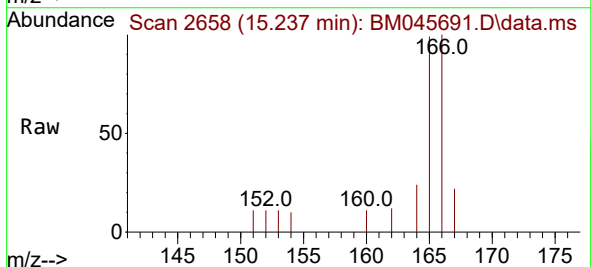
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ahmed

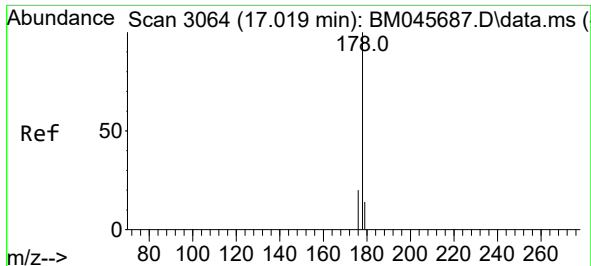
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#12
Fluorene
Concen: 0.276 ng/ul
RT: 15.237 min Scan# 2658
Delta R.T. -0.046 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

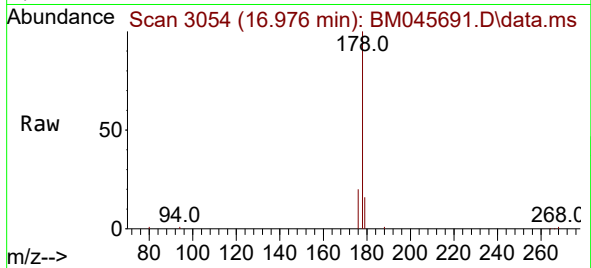
Tgt Ion:166 Resp: 853
Ion Ratio Lower Upper
166 100
165 98.9 77.5 116.3
167 22.4 21.8 32.6





#15
Phenanthrene
Concen: 2.837 ng/ul m
RT: 16.976 min Scan# 3064
Delta R.T. -0.046 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

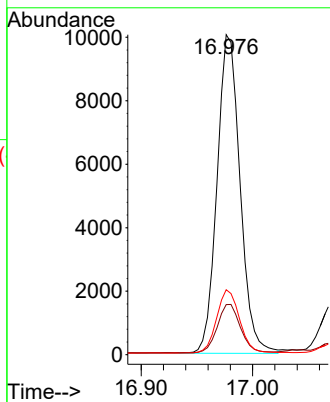
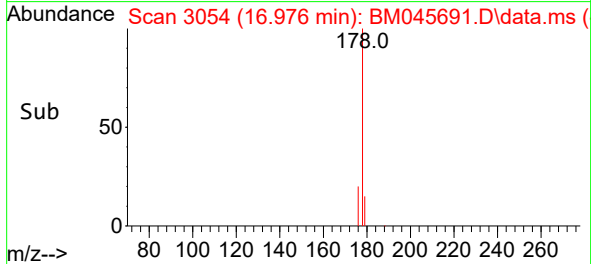
Instrument :
BNA_M
ClientSampleId :
E1CX6



Tgt Ion:178 Resp: 1441
Ion Ratio Lower Upper
178 100
179 15.7 18.3 27.5
176 20.3 21.8 32.6

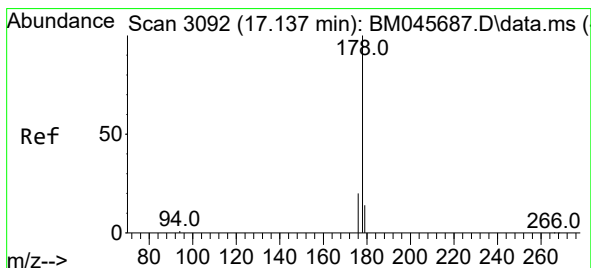
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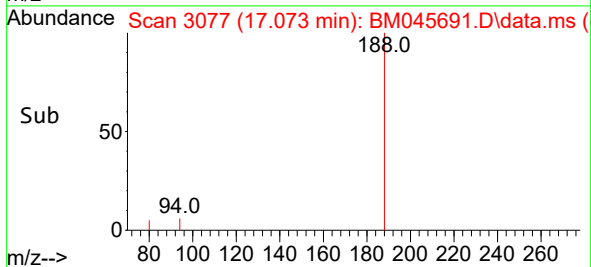
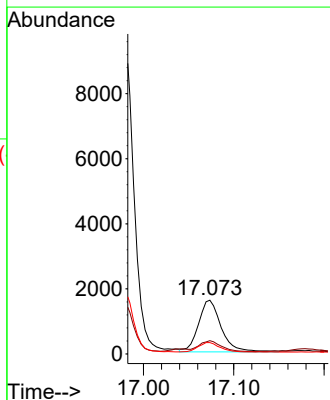
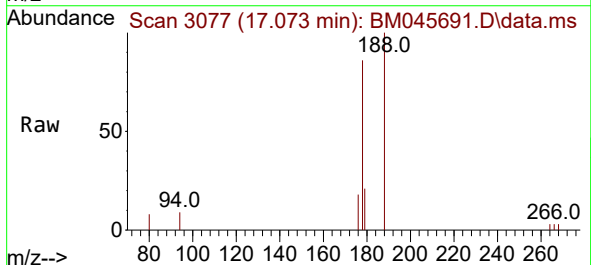
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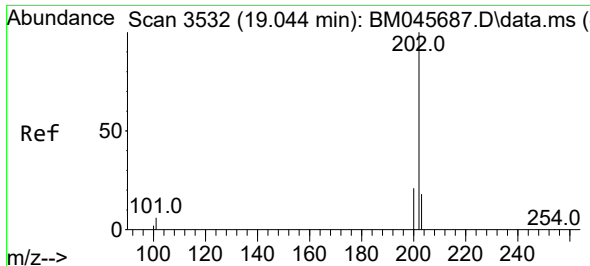
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#16
Anthracene
Concen: 0.565 ng/ul m
RT: 17.073 min Scan# 3077
Delta R.T. -0.055 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

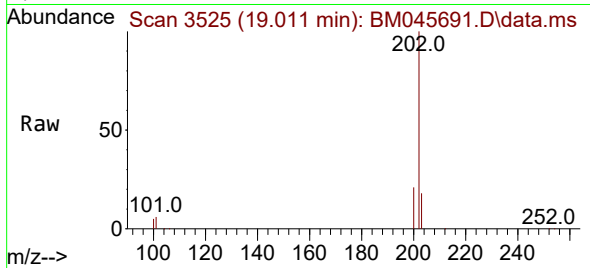
Tgt Ion:178 Resp: 2783
Ion Ratio Lower Upper
178 100
179 24.7 20.9 31.3
176 21.0 22.9 34.3





#19
Fluoranthene
Concen: 3.699 ng/ul
RT: 19.011 min Scan# 3525
Delta R.T. -0.032 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

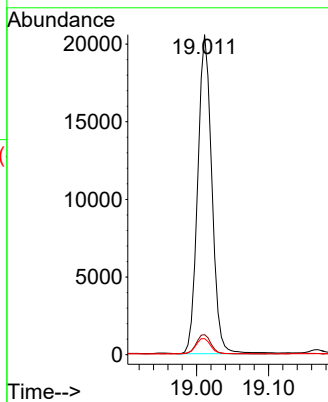
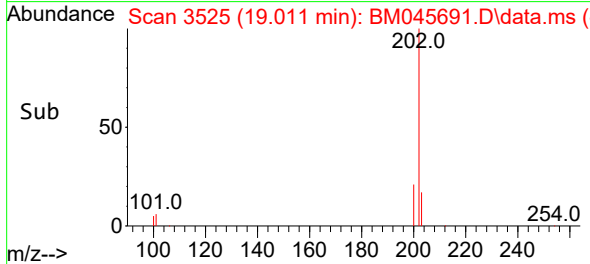
Instrument :
BNA_M
ClientSampleId :
E1CX6



Tgt Ion:202 Resp: 2804
Ion Ratio Lower Upper
202 100
101 6.3 10.1 15.1#
100 5.0 9.4 14.0#

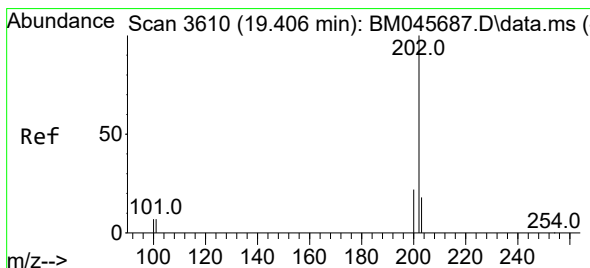
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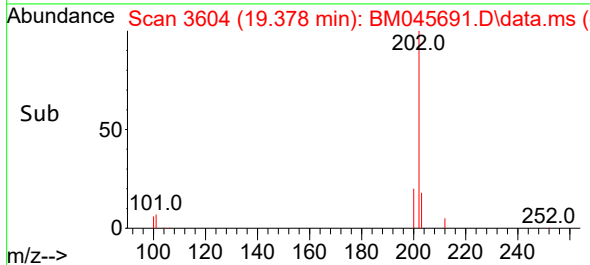
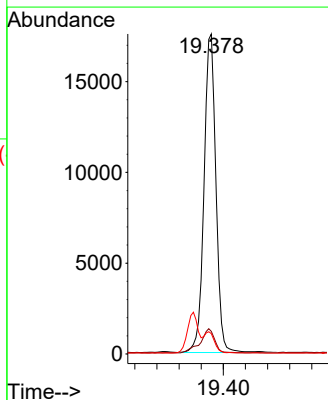
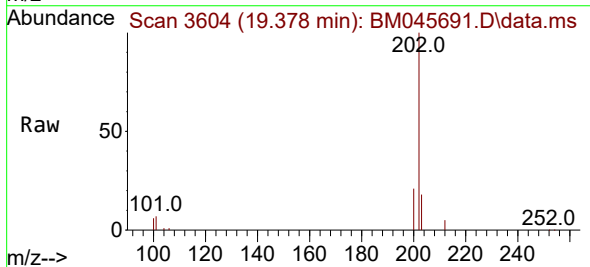
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Supervised By :mohammad
ahmed

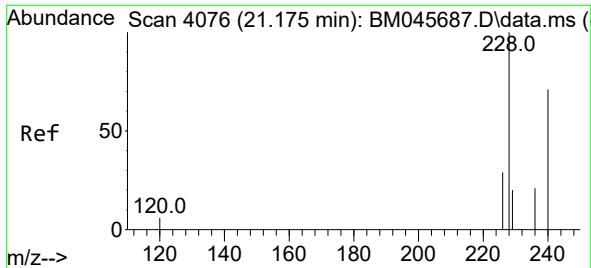
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#20
Pyrene
Concen: 3.251 ng/ul
RT: 19.378 min Scan# 3604
Delta R.T. -0.032 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

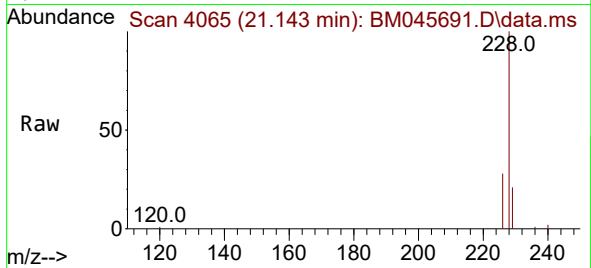
Tgt Ion:202 Resp: 26220
Ion Ratio Lower Upper
202 100
101 7.1 10.7 16.1#
100 6.3 9.8 14.8#





#21
Benzo(a)anthracene
Concen: 3.486 ng/ul
RT: 21.143 min Scan# 4076
Delta R.T. -0.035 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

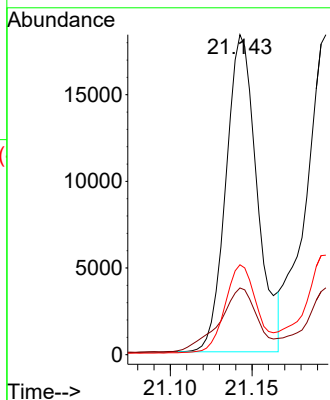
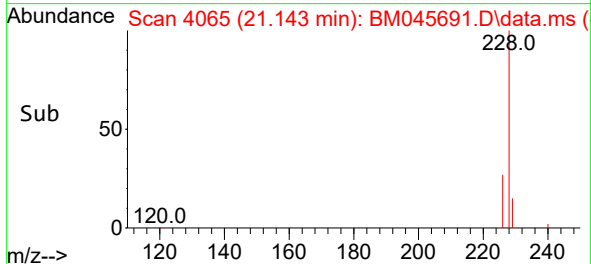
Instrument :
BNA_M
ClientSampleId :
E1CX6



Tgt Ion:228 Resp: 24280
Ion Ratio Lower Upper
228 100
229 20.9 21.3 31.9
226 28.1 25.5 38.3

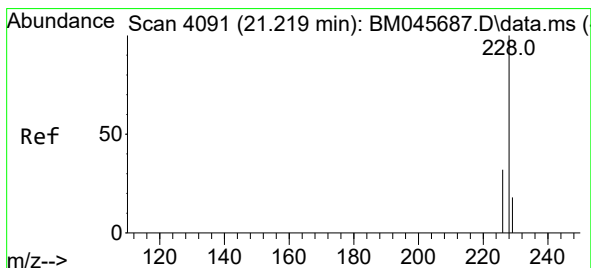
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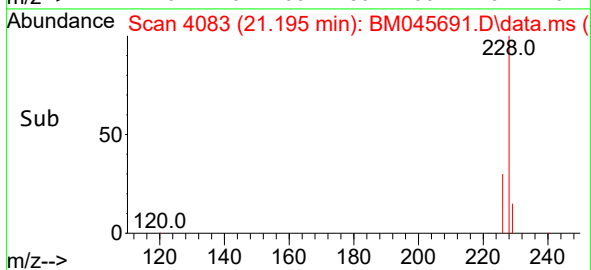
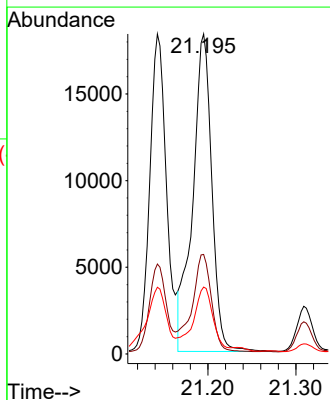
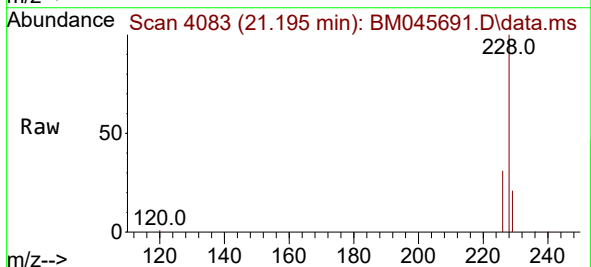
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ahmed

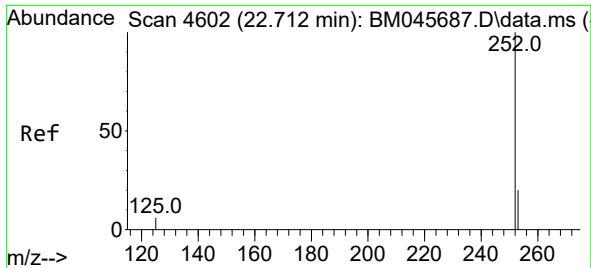
05/06/2024



#22
Chrysene
Concen: 2.815 ng/ul
RT: 21.195 min Scan# 4083
Delta R.T. -0.029 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

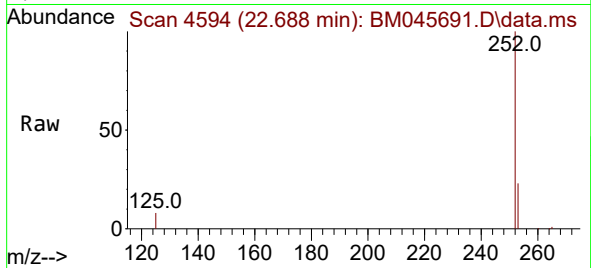
Tgt Ion:228 Resp: 27745
Ion Ratio Lower Upper
228 100
226 31.1 27.7 41.5
229 20.9 19.7 29.5





#24
Benzo(b)fluoranthene
Concen: 9.595 ng/ul m
RT: 22.688 min Scan# 4
Delta R.T. -0.032 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

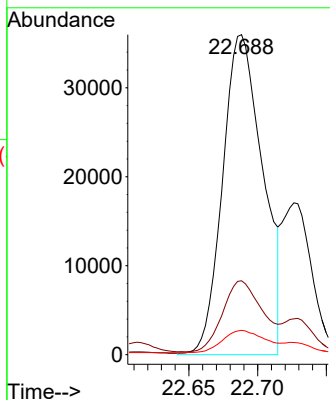
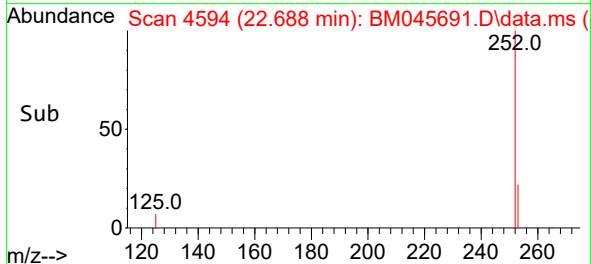
Instrument :
BNA_M
ClientSampleId :
E1CX6



Tgt Ion:252 Resp: 73254
Ion Ratio Lower Upper
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253 23.1 0.0 67.2
125 7.6 0.0 28.0

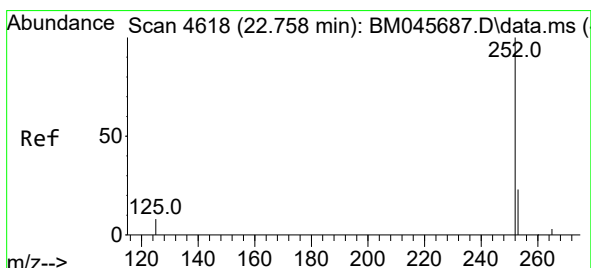
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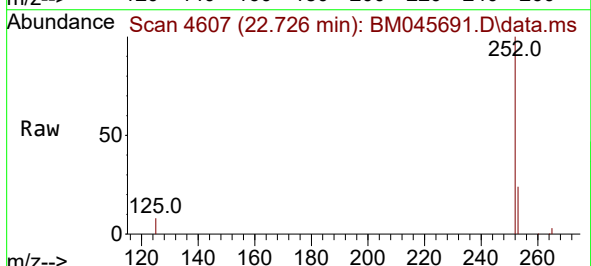


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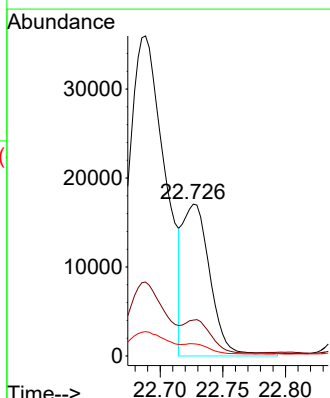
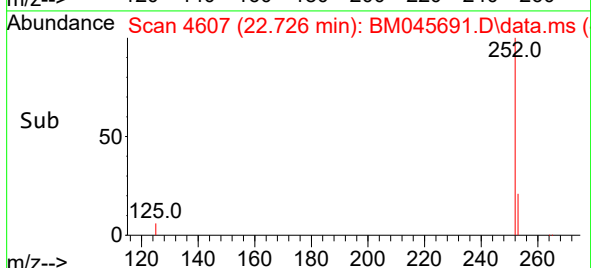
05/06/2024

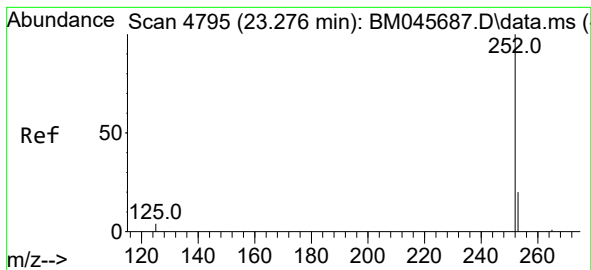


#25
Benzo(k)fluoranthene
Concen: 2.762 ng/ul m
RT: 22.726 min Scan# 4607
Delta R.T. -0.038 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12



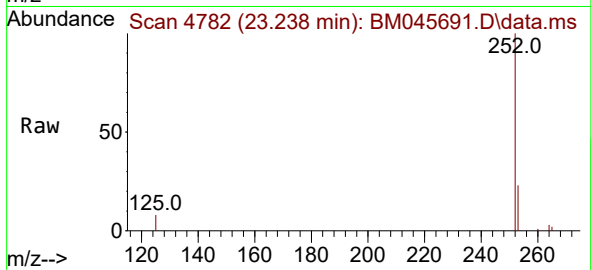
Tgt Ion:252 Resp: 26106
Ion Ratio Lower Upper
252 100
253 23.6 27.8 41.6#
125 8.1 11.9 17.9#





#26
Benzo(a)pyrene
Concen: 6.529 ng/ul
RT: 23.238 min Scan# 41
Delta R.T. -0.050 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

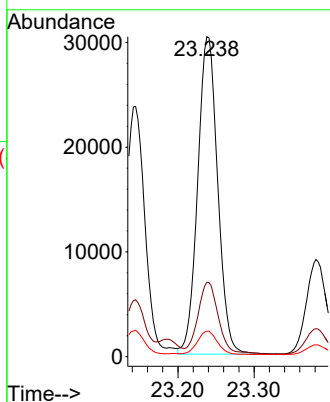
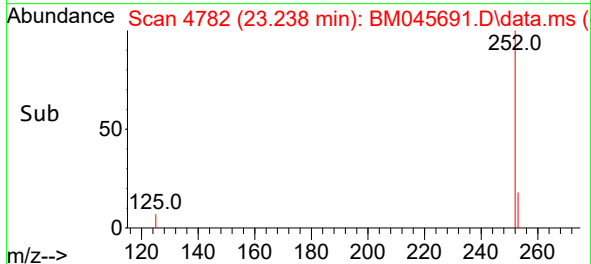
Instrument :
BNA_M
ClientSampleId :
E1CX6



Tgt Ion:252 Resp: 55240
Ion Ratio Lower Upper
252 100
253 23.2 31.7 47.5
125 8.0 15.8 23.6

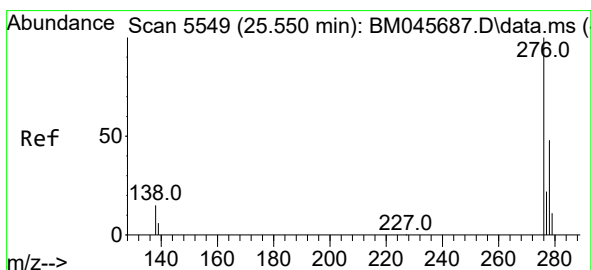
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



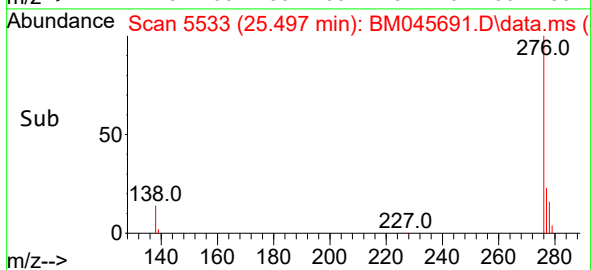
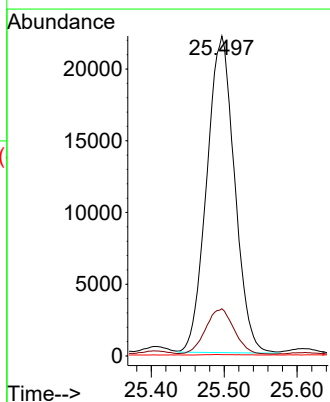
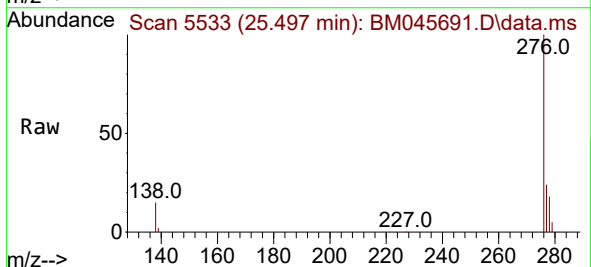
05/03/2024
Supervised By :mohammad
ahmed

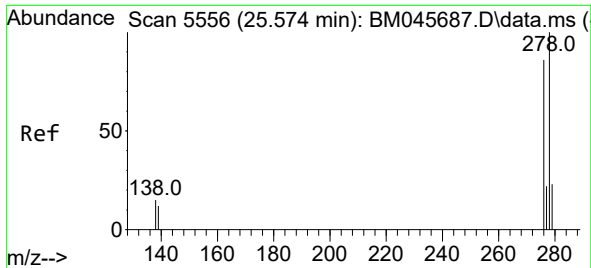
05/06/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.019 ng/ul
RT: 25.497 min Scan# 5533
Delta R.T. -0.070 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

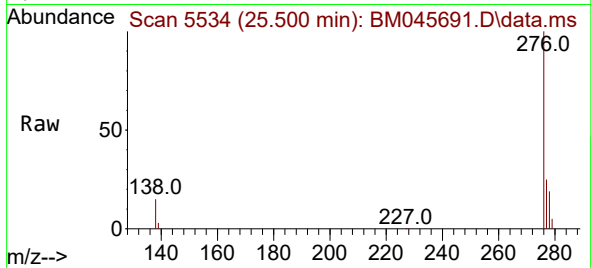
Tgt Ion:276 Resp: 58496
Ion Ratio Lower Upper
276 100
138 14.7 13.1 19.7
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.461 ng/ul m
RT: 25.500 min Scan# 5
Delta R.T. -0.087 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

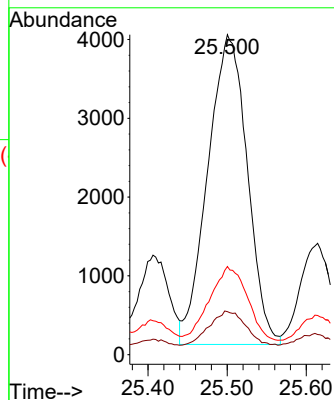
Instrument :
BNA_M
ClientSampleId :
E1CX6



Tgt Ion:278 Resp: 13618
Ion Ratio Lower Upper
278 100
139 13.4 16.9 25.3
279 27.5 31.8 47.8

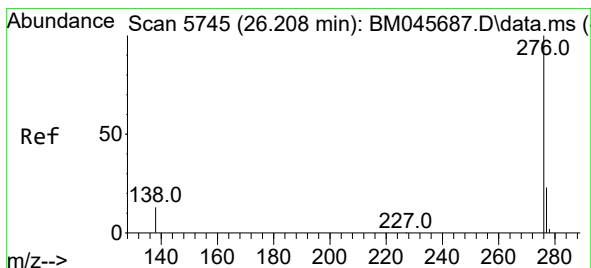
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



05/03/2024
Supervised By :mohammad
ahmed

05/06/2024



#29
Benzo(g,h,i)perylene
Concen: 6.303 ng/ul
RT: 26.158 min Scan# 5730
Delta R.T. -0.067 min
Lab File: BM045691.D
Acq: 03 May 2024 12:12

Tgt Ion:276 Resp: 65135
Ion Ratio Lower Upper
276 100
138 15.1 18.8 28.2#
277 24.0 27.1 40.7#

