

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040555.D
 Acq On : 03 Jul 2023 01:01
 Operator : MA/JU
 Sample : 03243-20
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGE0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 02:41:16 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 : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	9233	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	31336	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.572	164	16483	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	33330	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	24275	0.400	ng/ul	0.00
23) Perylene-d12	23.914	264	28938	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	54651	3.768	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	10657	0.243	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	19766	0.254	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.783	128	14738	0.171	ng/ul#	96
7) 2-Methylnaphthalene	12.395	142	8602	0.169	ng/ul	98
8) 1-Methylnaphthalene	12.615	142	5513	0.109	ng/ul	99
10) Acenaphthylene	14.290	152	159519	2.166	ng/ul	100
11) Acenaphthene	14.633	153	4063	0.065	ng/ul	94
12) Fluorene	15.623	166	7499	0.113	ng/ul#	95
15) Phenanthrene	17.362	178	69875	0.675	ng/ul	99
16) Anthracene	17.450	178	208210	2.393	ng/ul	99
19) Fluoranthene	19.375	202	295313	2.864	ng/ul	96
20) Pyrene	19.737	202	374393	3.387	ng/ul	99
21) Benzo(a)anthracene	21.483	228	316962	3.860	ng/ul	95
22) Chrysene	21.535	228	566622	6.050	ng/ul	98
24) Benzo(b)fluoranthene	23.178	252	1688858	15.080	ng/ul	87
25) Benzo(k)fluoranthene	23.219	252	435603m	3.947	ng/ul	
26) Benzo(a)pyrene	23.806	252	739906	7.335	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.424	276	944927	6.726	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.427	278	253385	2.304	ng/ul	95
29) Benzo(g,h,i)perylene	27.198	276	870669	7.071	ng/ul#	93

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

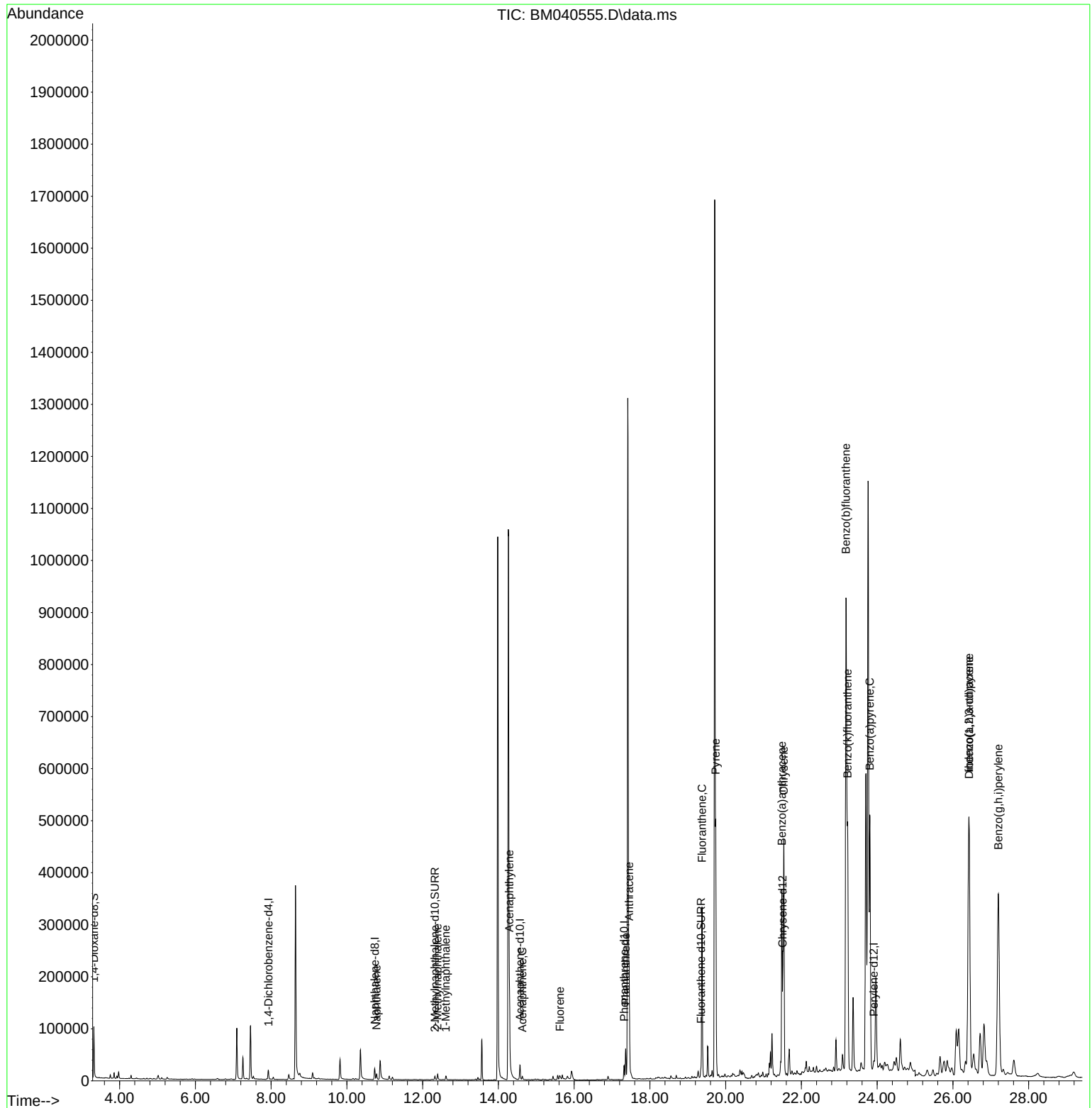
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040555.D
Acq On : 03 Jul 2023 01:01
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Sample : 03243-20
Misc :
ALS Vial : 60 Sample Multiplier: 1

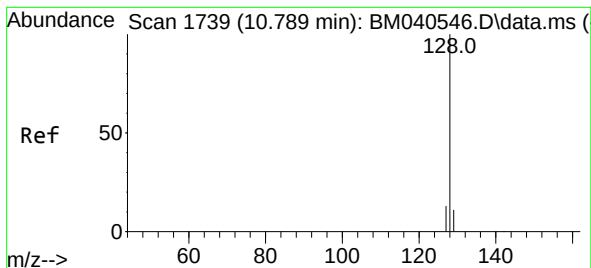
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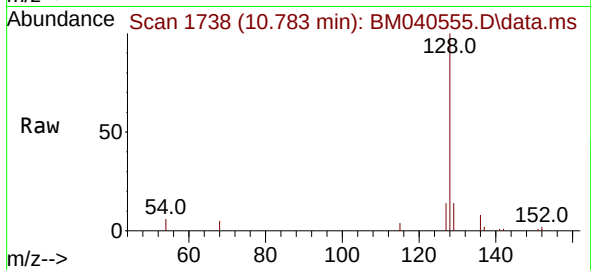
Quant Time: Jul 03 02:41:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.171 ng/ul
RT: 10.783 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01

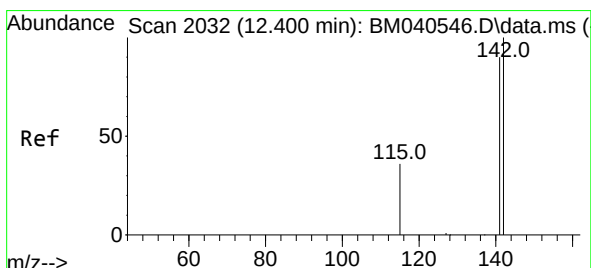
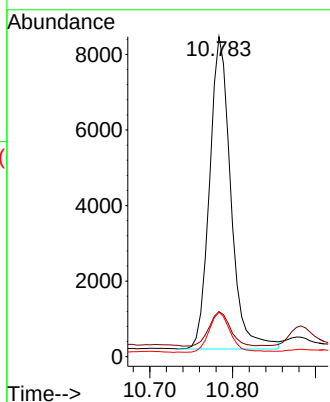
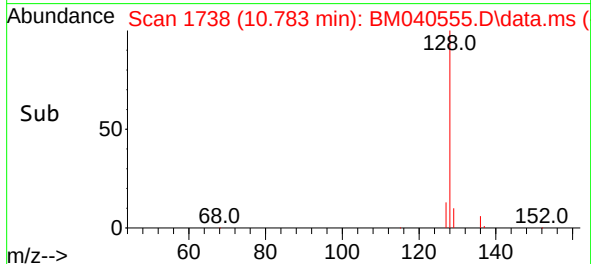
Instrument :
BNA_M
ClientSampleId :
DCGE0



Tgt Ion:128 Resp: 14738
Ion Ratio Lower Upper
128 100
129 14.1 9.2 13.8
127 13.9 10.6 15.8

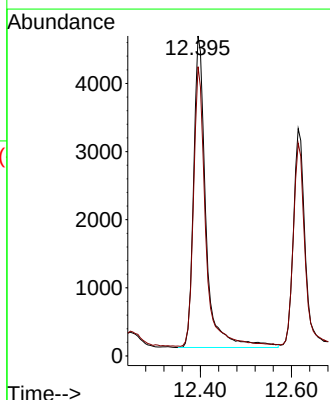
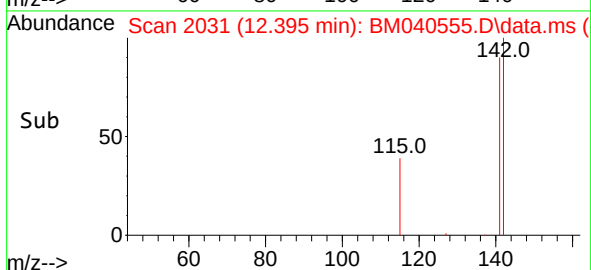
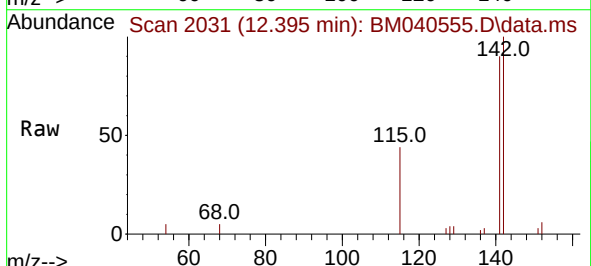
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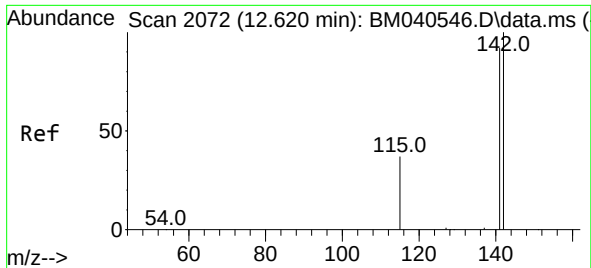
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#7
2-Methylnaphthalene
Concen: 0.169 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01

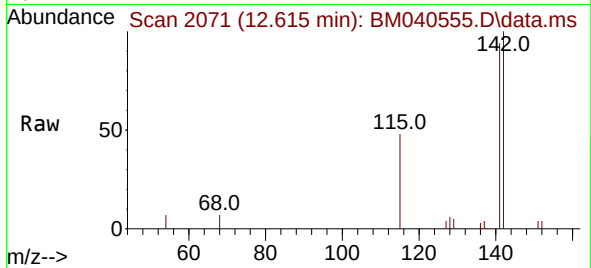
Tgt Ion:142 Resp: 8602
Ion Ratio Lower Upper
142 100
141 87.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.011 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01

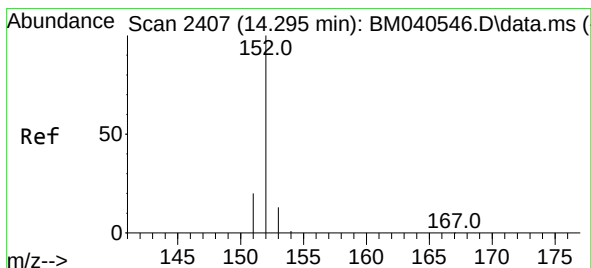
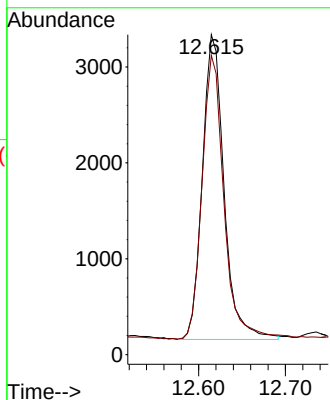
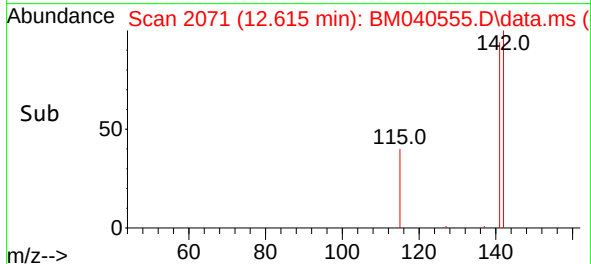
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 551
Ion Ratio Lower Upper
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141 93.5 73.7 110.5

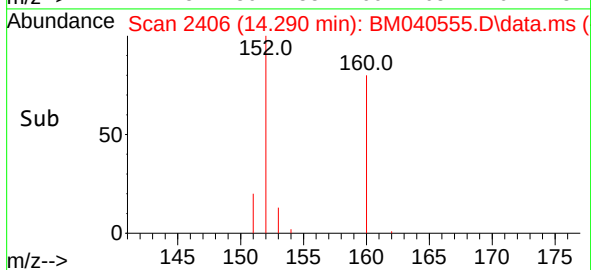
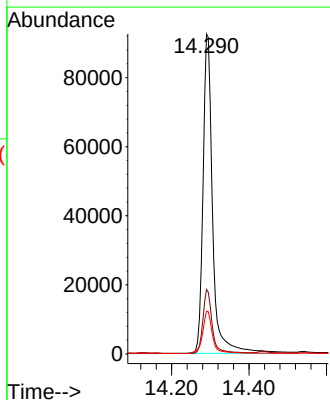
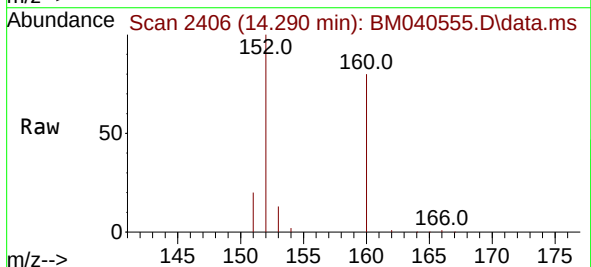
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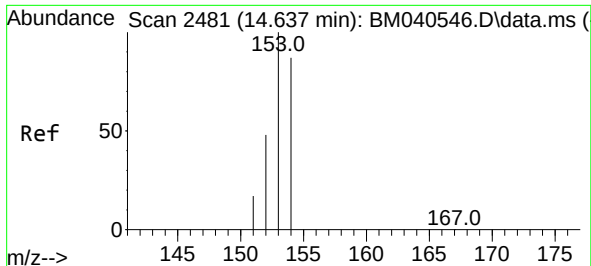
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#10
Acenaphthylene
Concen: 2.166 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01

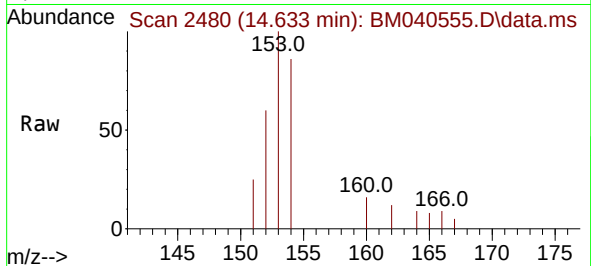
Tgt Ion:152 Resp: 159519
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.4 10.9 16.3





#11
Acenaphthene
Concen: 0.065 ng/ul
RT: 14.633 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01

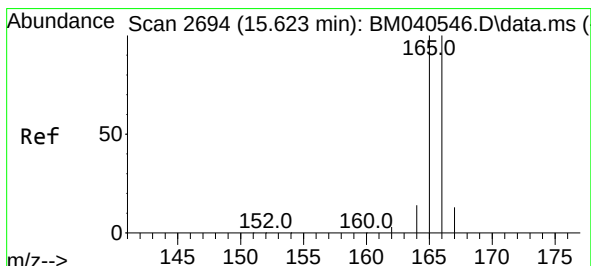
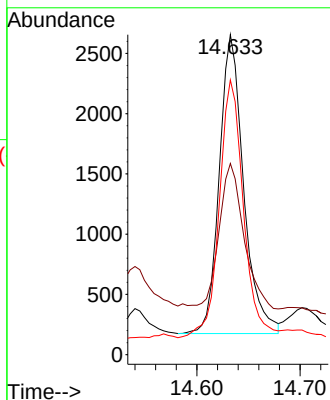
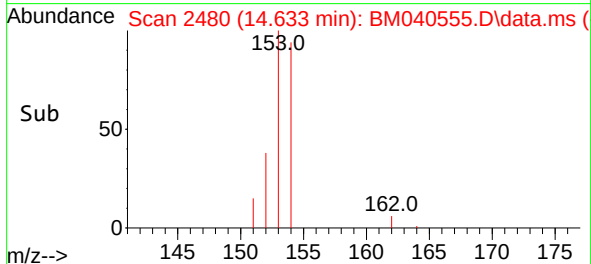
Instrument :
BNA_M
ClientSampleId :
DCGE0



Tgt Ion:153 Resp: 4063
Ion Ratio Lower Upper
153 100
152 59.8 41.0 61.4
154 85.8 70.8 106.2

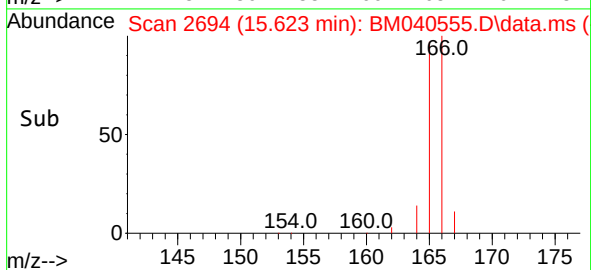
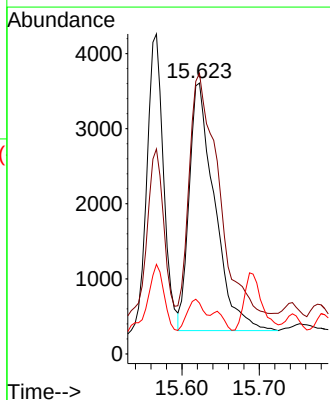
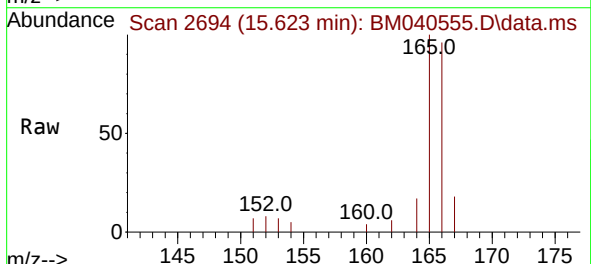
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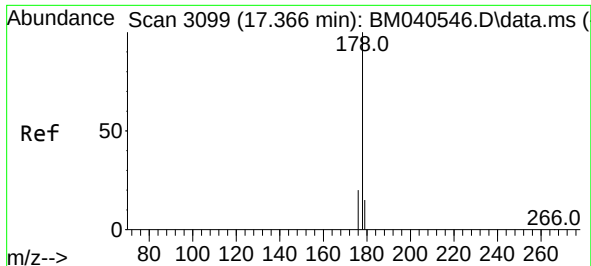
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#12
Fluorene
Concen: 0.113 ng/ul
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01

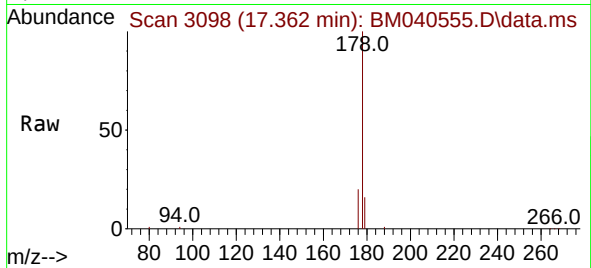
Tgt Ion:166 Resp: 7499
Ion Ratio Lower Upper
166 100
165 103.6 79.6 119.4
167 18.8 11.4 17.0#





#15
Phenanthrene
Concen: 0.675 ng/ul
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01

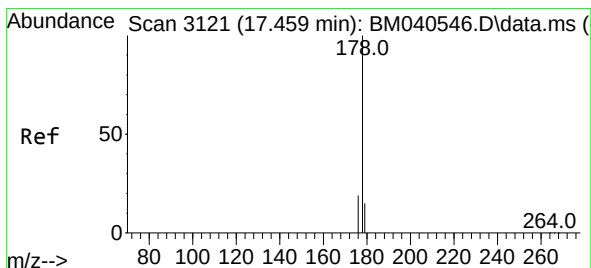
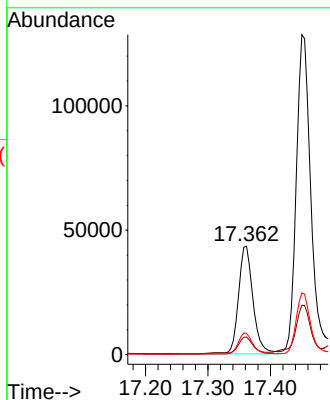
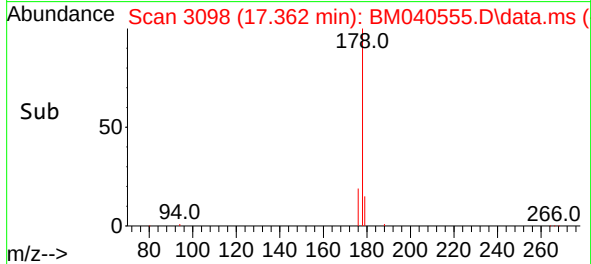
Instrument :
BNA_M
ClientSampleId :
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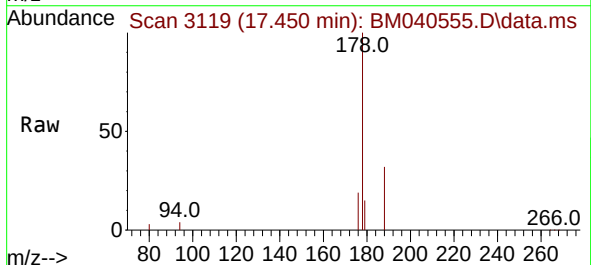
Tgt Ion:178 Resp: 69875
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 19.6 16.4 24.6

Manual Integrations
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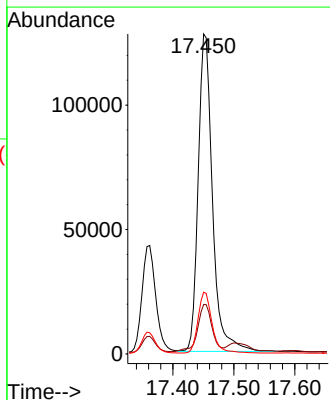
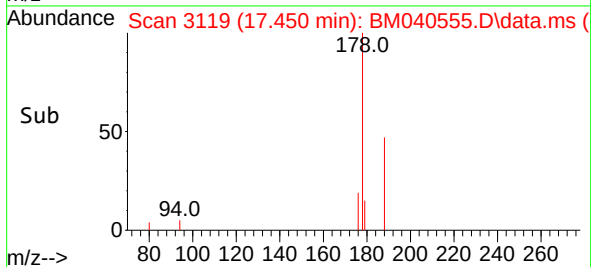
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

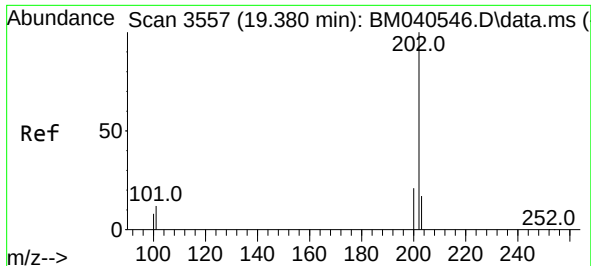


#16
Anthracene
Concen: 2.393 ng/ul
RT: 17.450 min Scan# 3119
Delta R.T. -0.013 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01



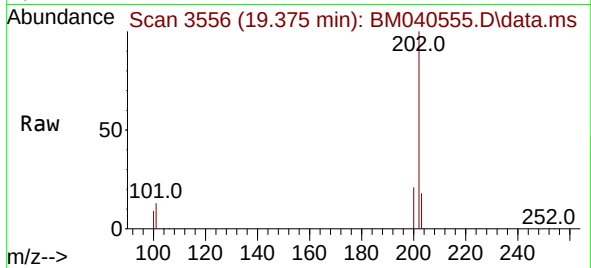
Tgt Ion:178 Resp: 208210
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.3 15.8 23.6





#19
Fluoranthene
Concen: 2.864 ng/ul
RT: 19.375 min Scan# 3556
Delta R.T. -0.009 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01

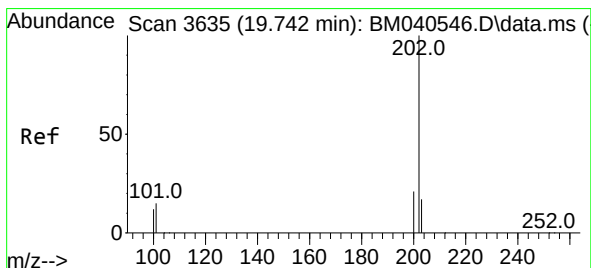
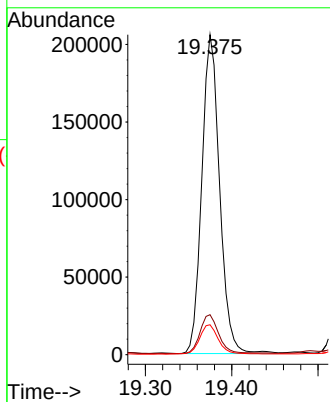
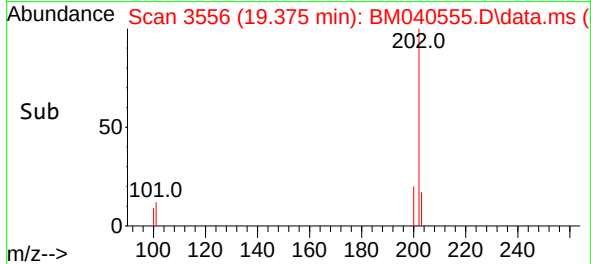
Instrument :
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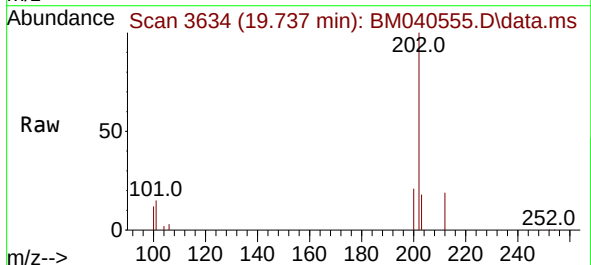
Tgt Ion:202 Resp: 29531
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 9.4 8.7 13.1

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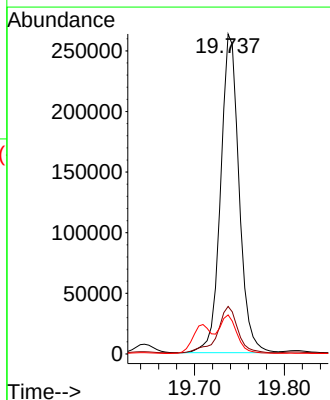
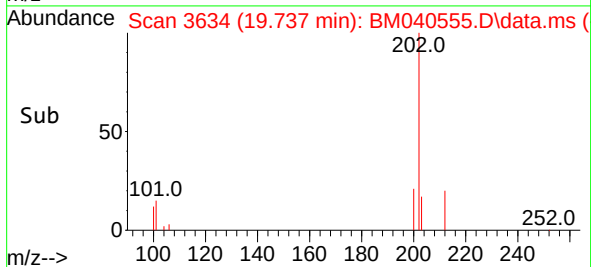
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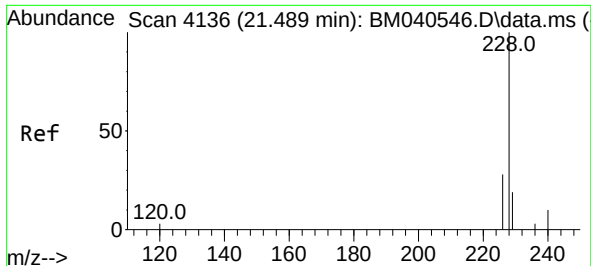


#20
Pyrene
Concen: 3.387 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.009 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01



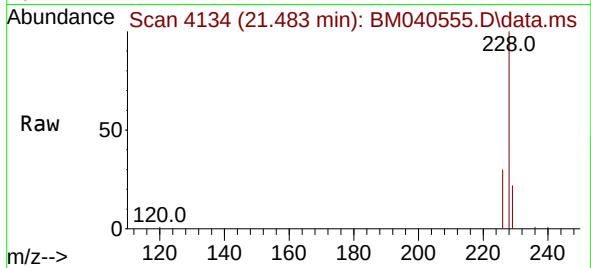
Tgt Ion:202 Resp: 374393
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 12.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.860 ng/ul
RT: 21.483 min Scan# 4136
Delta R.T. -0.009 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01

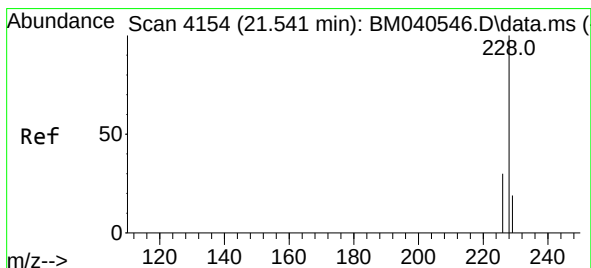
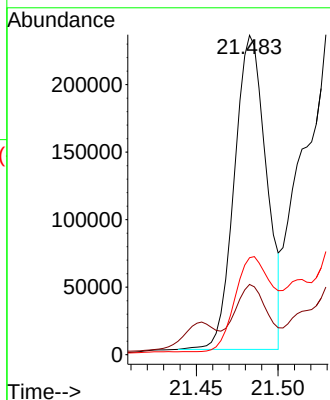
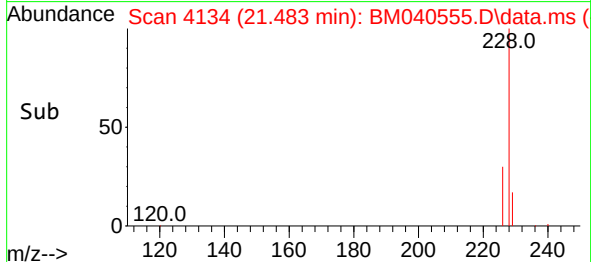
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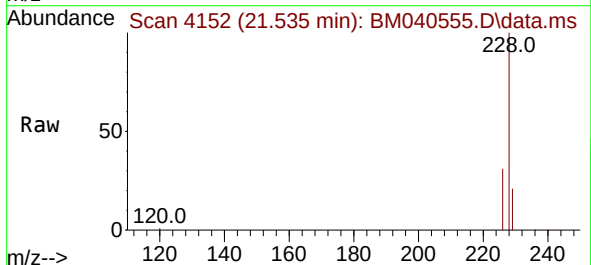
Tgt Ion:228 Resp: 316962
Ion Ratio Lower Upper
228 100
229 22.0 16.0 24.0
226 30.4 22.3 33.5

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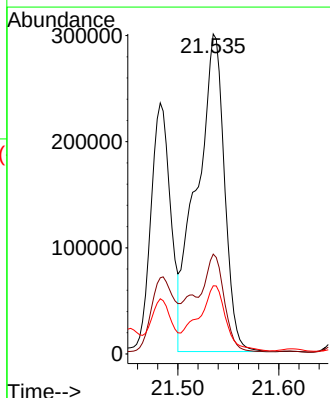
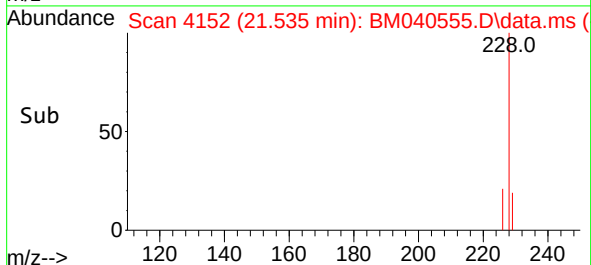
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

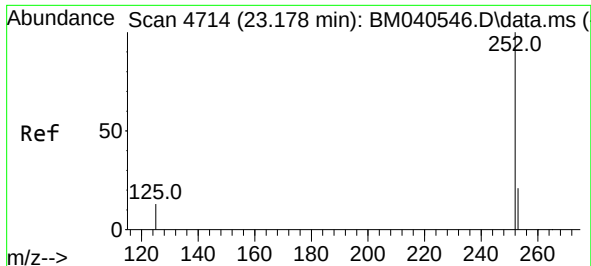


#22
Chrysene
Concen: 6.050 ng/ul
RT: 21.535 min Scan# 4152
Delta R.T. -0.009 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01



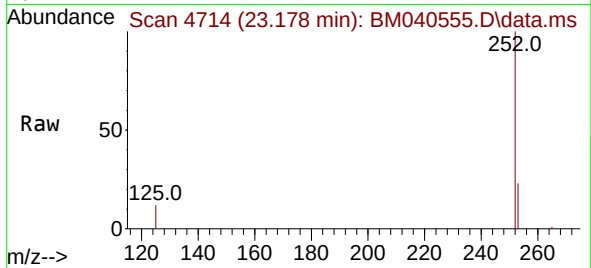
Tgt Ion:228 Resp: 566622
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 21.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 15.080 ng/ul
RT: 23.178 min Scan# 4714
Delta R.T. -0.003 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01

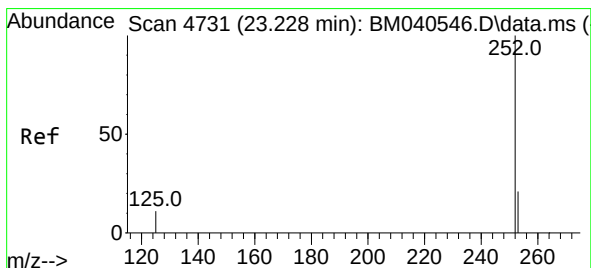
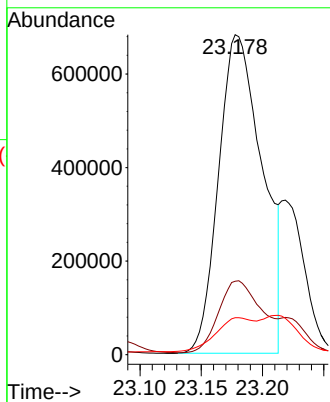
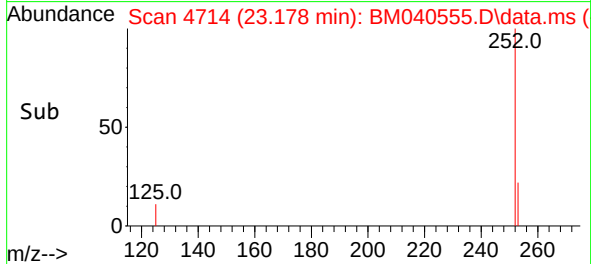
Instrument :
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ClientSampleId :
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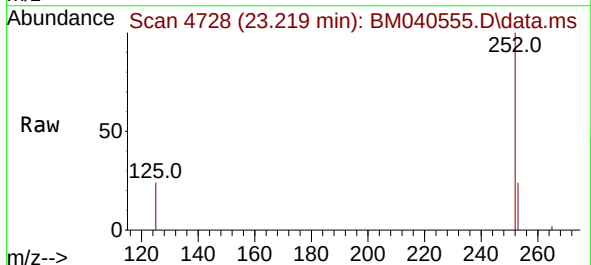
Tgt Ion:252 Resp: 168885
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 11.5 0.0 43.0

Manual Integrations
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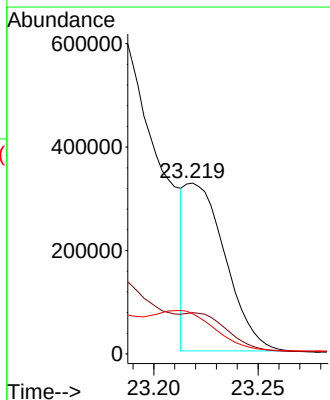
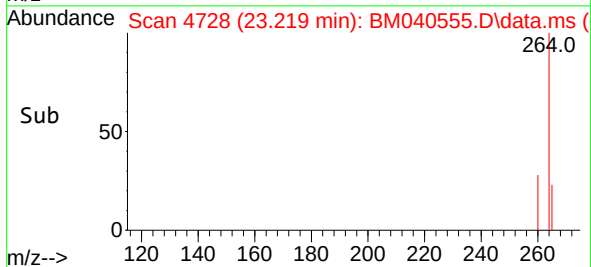
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

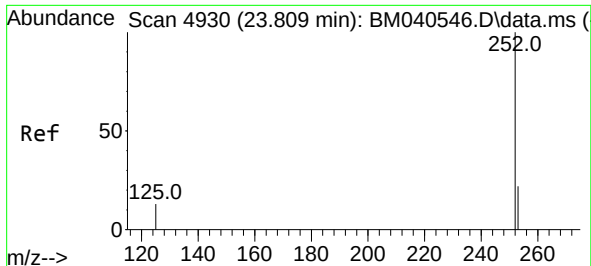


#25
Benzo(k)fluoranthene
Concen: 3.947 ng/ul m
RT: 23.219 min Scan# 4728
Delta R.T. -0.009 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01



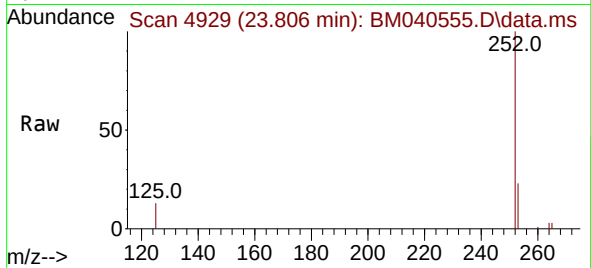
Tgt Ion:252 Resp: 435603
Ion Ratio Lower Upper
252 100
253 24.2 21.2 31.8
125 23.5 16.4 24.6





#26
Benzo(a)pyrene
Concen: 7.335 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. -0.006 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01

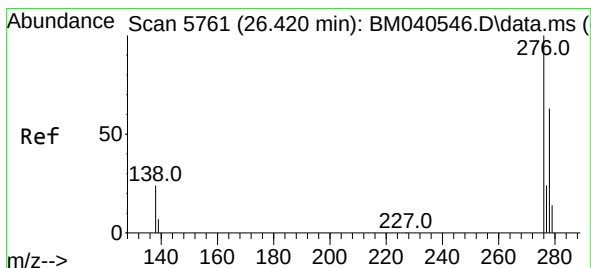
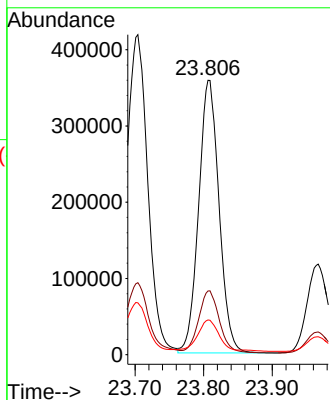
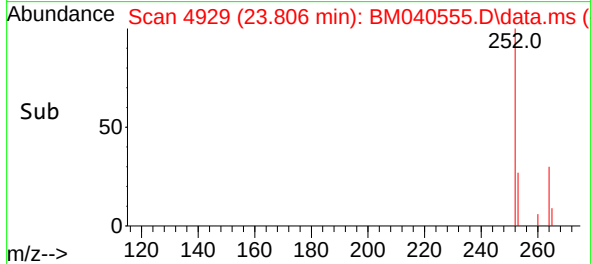
Instrument :
BNA_M
ClientSampleId :
DCGE0



Tgt Ion:252 Resp: 739900
Ion Ratio Lower Upper
252 100
253 23.2 22.9 34.3
125 12.7 21.0 31.4

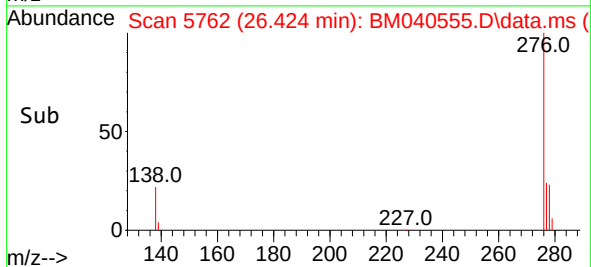
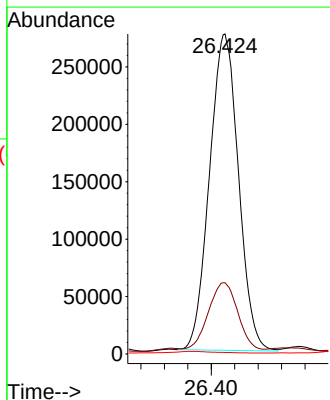
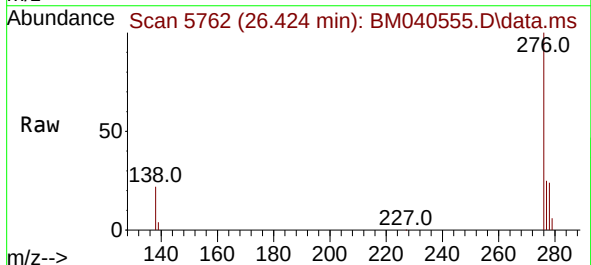
Manual Integrations
APPROVED

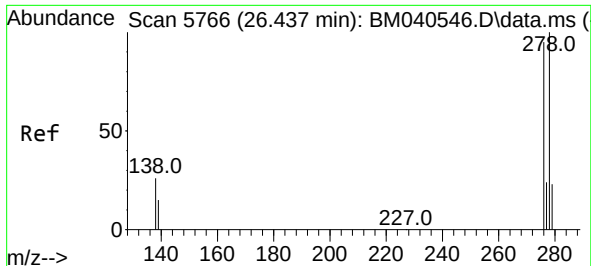
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.726 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. 0.003 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01

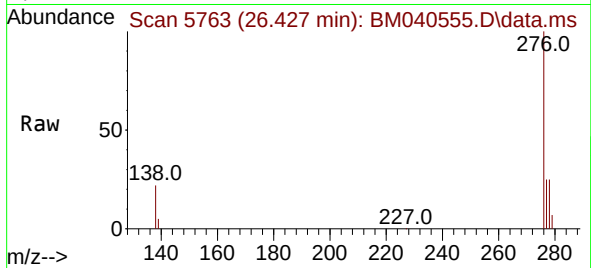
Tgt Ion:276 Resp: 944927
Ion Ratio Lower Upper
276 100
138 21.2 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 2.304 ng/ul
RT: 26.427 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01

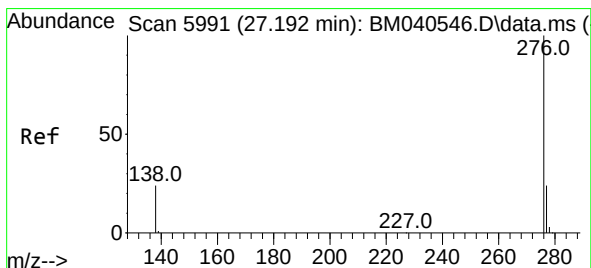
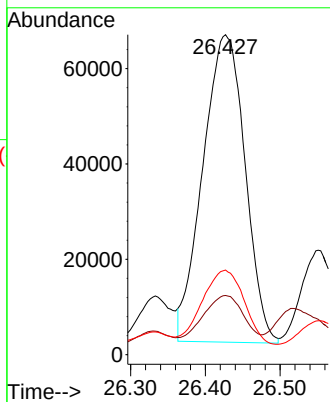
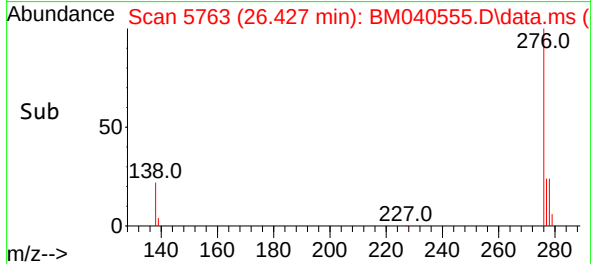
Instrument :
BNA_M
ClientSampleId :
DCGE0



Tgt Ion:278 Resp: 25338
Ion Ratio Lower Upper
278 100
139 18.5 17.9 26.9
279 26.4 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#29
Benzo(g,h,i)perylene
Concen: 7.071 ng/ul
RT: 27.198 min Scan# 5993
Delta R.T. 0.013 min
Lab File: BM040555.D
Acq: 03 Jul 2023 01:01

Tgt Ion:276 Resp: 870669
Ion Ratio Lower Upper
276 100
138 22.6 23.0 34.6#
277 24.2 20.3 30.5

