

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040534.D
 Acq On : 02 Jul 2023 11:19
 Operator : MA/JU
 Sample : 03243-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGA5

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 12:14:02 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	7160	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	26920	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.573	164	14248	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	29024	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	17445	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	17943	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	28140	2.502	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	7376	0.195	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	13583	0.243	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.789	128	11450	0.154	ng/ul#	96
7) 2-Methylnaphthalene	12.400	142	5704	0.131	ng/ul	98
8) 1-Methylnaphthalene	12.620	142	4345	0.100	ng/ul	99
10) Acenaphthylene	14.295	152	14703	0.231	ng/ul	97
11) Acenaphthene	14.633	153	3356	0.062	ng/ul	97
12) Fluorene	15.623	166	4159	0.072	ng/ul#	97
15) Phenanthrene	17.362	178	166175	1.843	ng/ul	98
16) Anthracene	17.455	178	18669	0.246	ng/ul	98
19) Fluoranthene	19.375	202	304575	4.110	ng/ul	96
20) Pyrene	19.742	202	222852	2.805	ng/ul	97
21) Benzo(a)anthracene	21.489	228	99466	1.686	ng/ul	98
22) Chrysene	21.541	228	120363	1.788	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	158763	2.286	ng/ul	93
25) Benzo(k)fluoranthene	23.222	252	57615m	0.842	ng/ul	
26) Benzo(a)pyrene	23.809	252	99132	1.585	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.417	276	85895	0.986	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.420	278	20641	0.303	ng/ul#	81
29) Benzo(g,h,i)perylene	27.192	276	69750	0.914	ng/ul	98

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

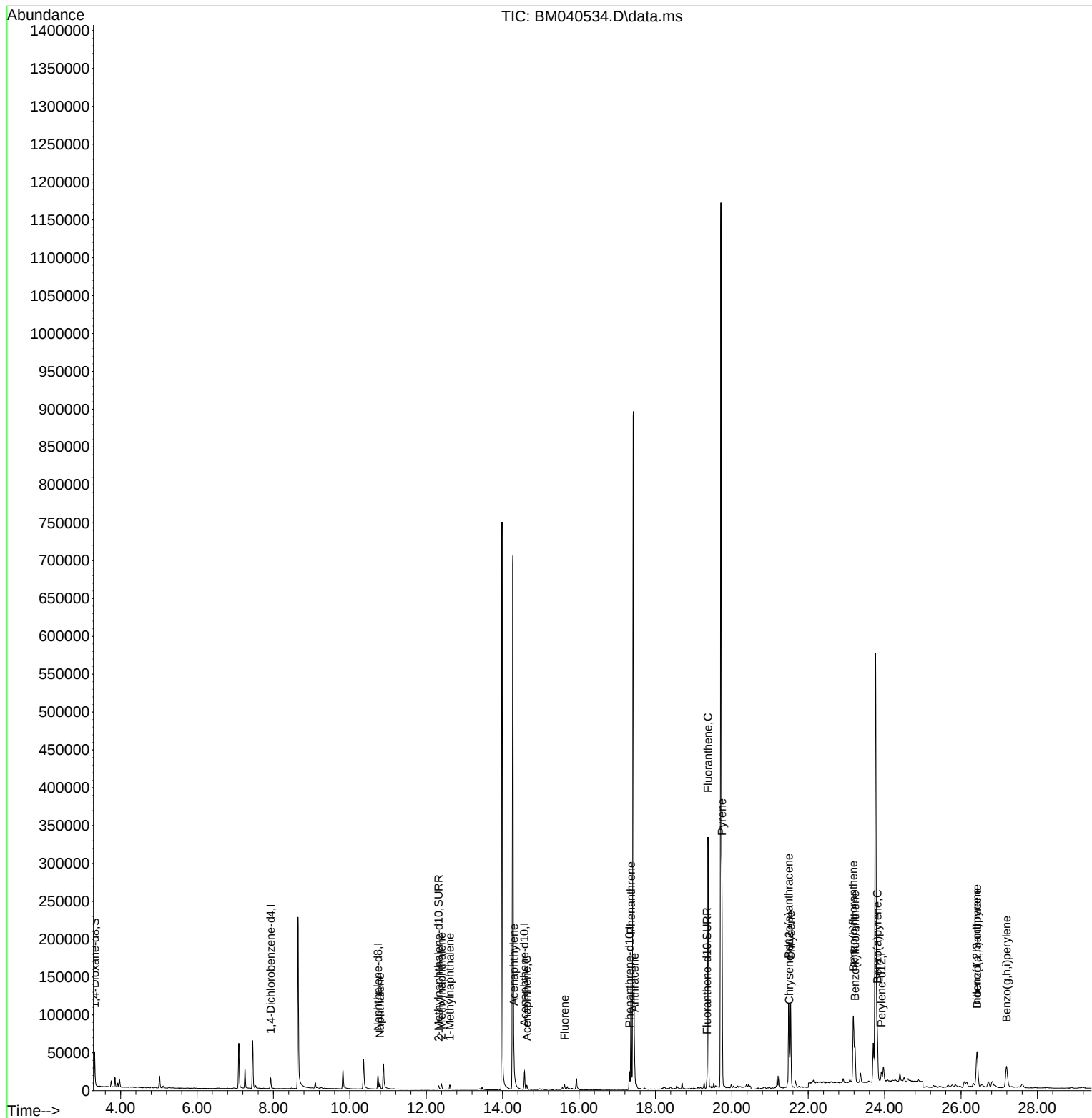
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040534.D
Acq On : 02 Jul 2023 11:19
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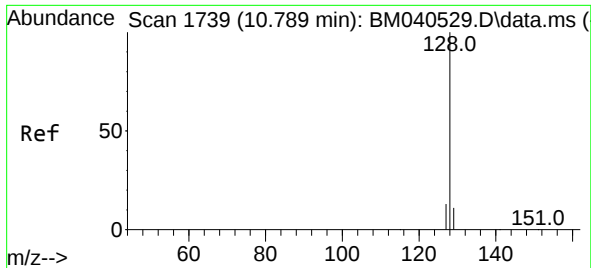
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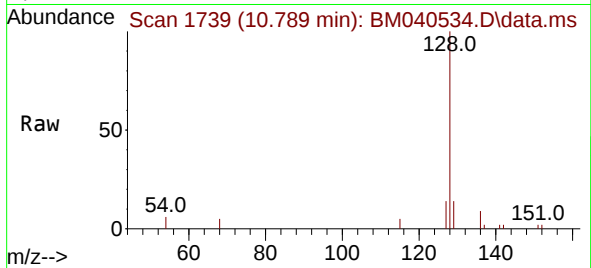
Quant Time: Jul 02 12:14:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.154 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19

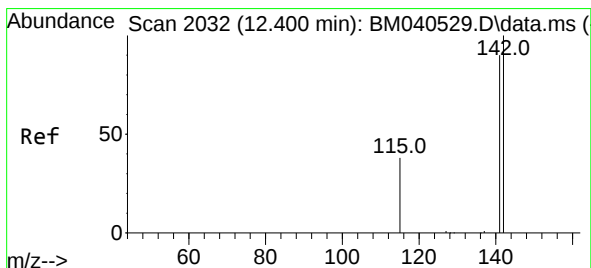
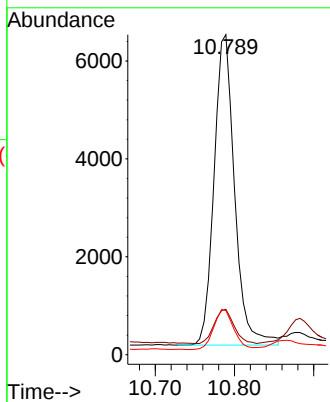
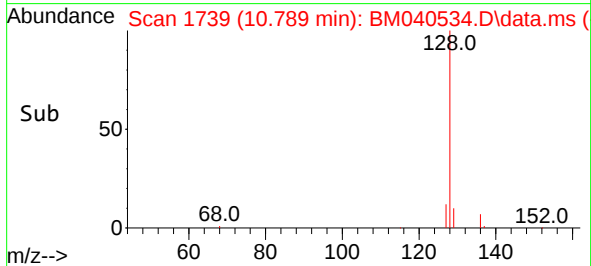
Instrument :
BNA_M
ClientSampleId :
DCGA5



Tgt Ion:128 Resp: 11450
Ion Ratio Lower Upper
128 100
129 14.2 9.2 13.8
127 13.8 10.6 15.8

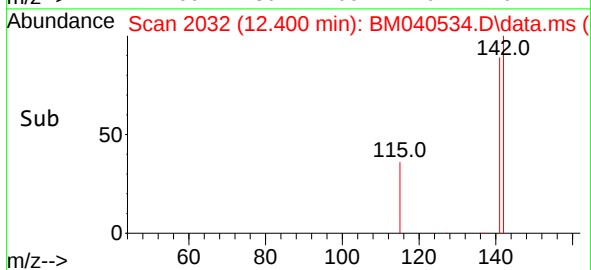
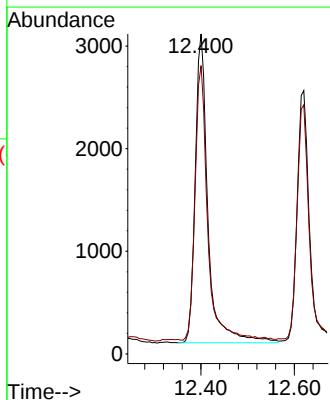
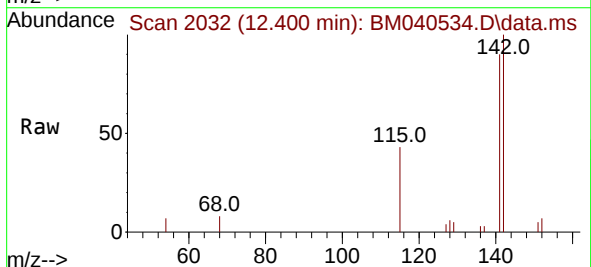
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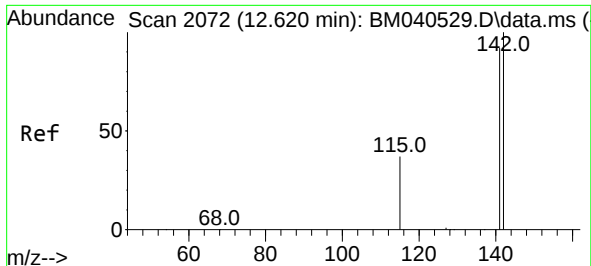
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#7
2-Methylnaphthalene
Concen: 0.131 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19

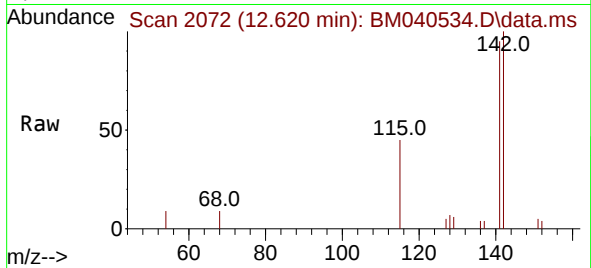
Tgt Ion:142 Resp: 5704
Ion Ratio Lower Upper
142 100
141 87.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19

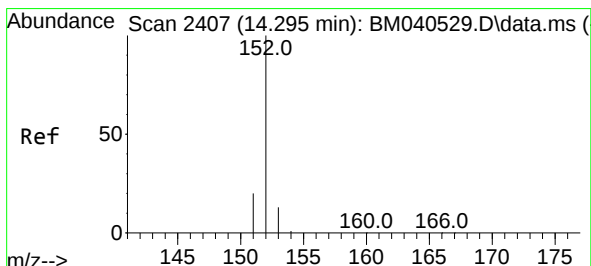
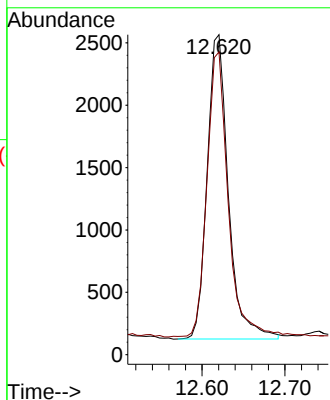
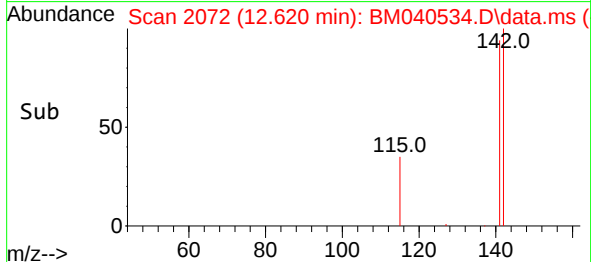
Instrument :
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ClientSampleId :
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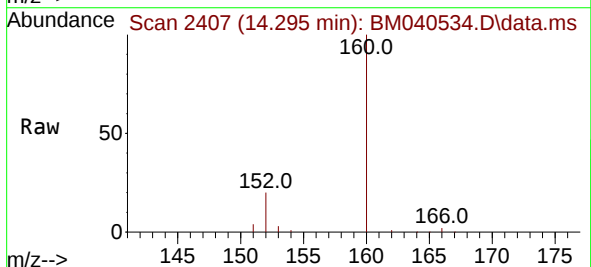
Tgt Ion:142 Resp: 434
Ion Ratio Lower Upper
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141 93.0 73.7 110.5

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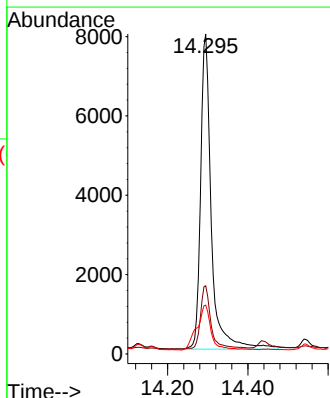
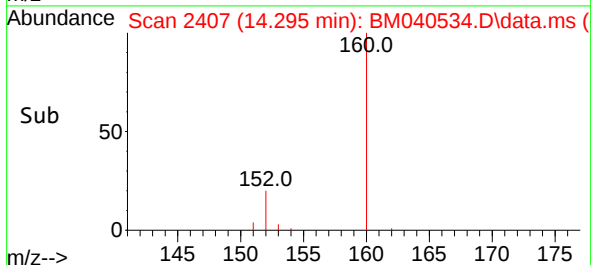
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

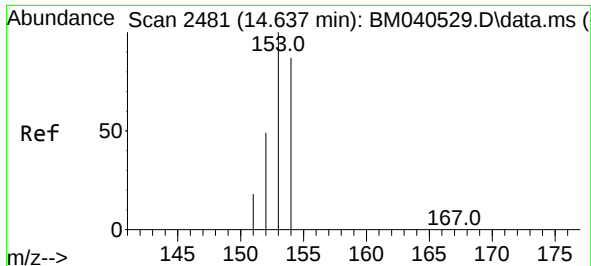


#10
Acenaphthylene
Concen: 0.231 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19



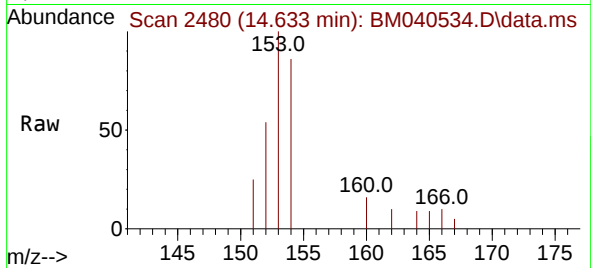
Tgt Ion:152 Resp: 14703
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.2
153 15.3 10.9 16.3





#11
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.633 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19

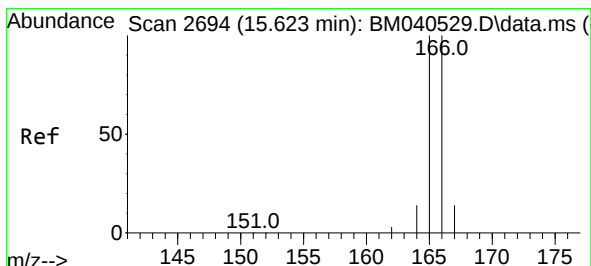
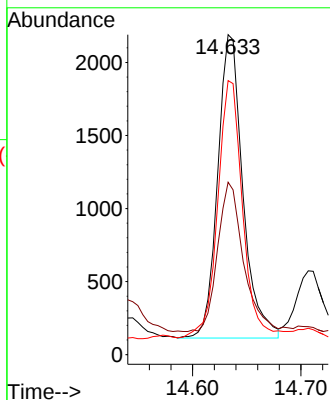
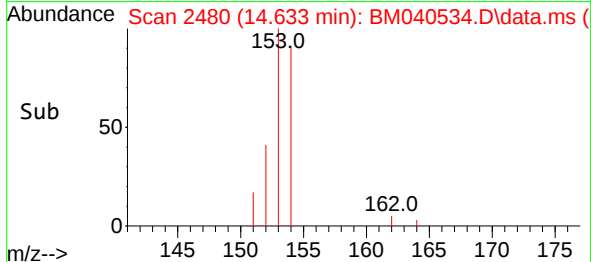
Instrument :
BNA_M
ClientSampleId :
DCGA5



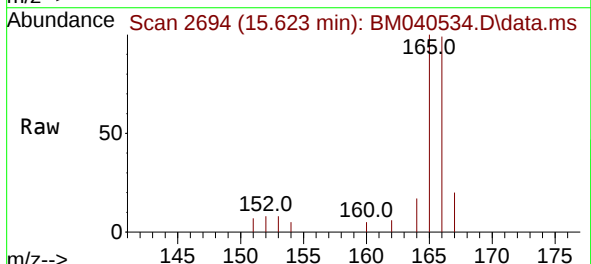
Tgt Ion:153 Resp: 3350
Ion Ratio Lower Upper
153 100
152 53.9 41.0 61.4
154 85.7 70.8 106.2

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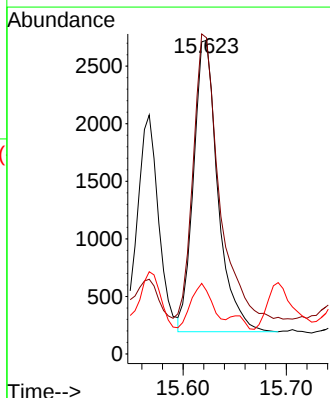
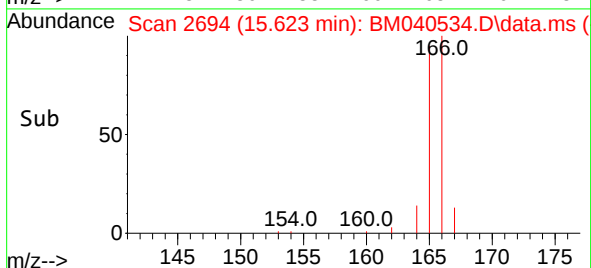
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

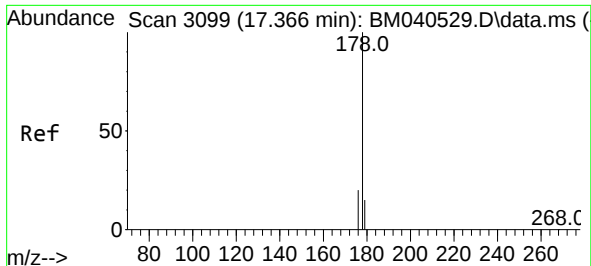


#12
Fluorene
Concen: 0.072 ng/ul
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19



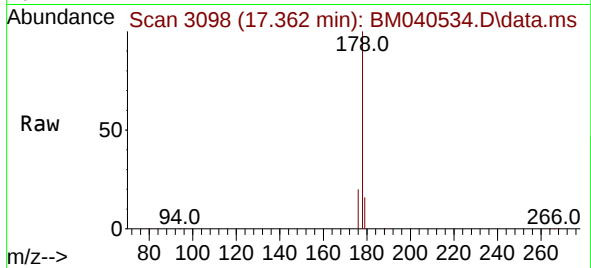
Tgt Ion:166 Resp: 4159
Ion Ratio Lower Upper
166 100
165 100.8 79.6 119.4
167 20.1 11.4 17.0#





#15
Phenanthrene
Concen: 1.843 ng/u1
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19

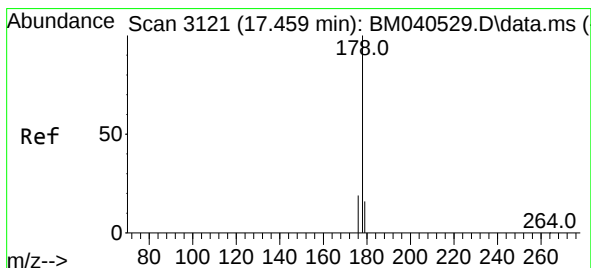
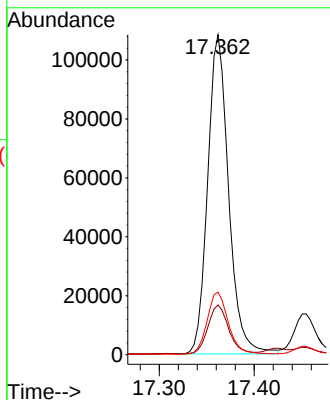
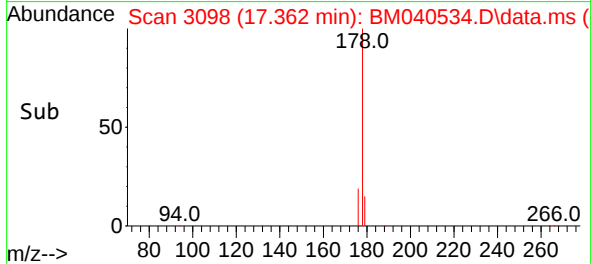
Instrument :
BNA_M
ClientSampleId :
DCGA5



Tgt Ion:178 Resp: 16617
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.6 16.4 24.6

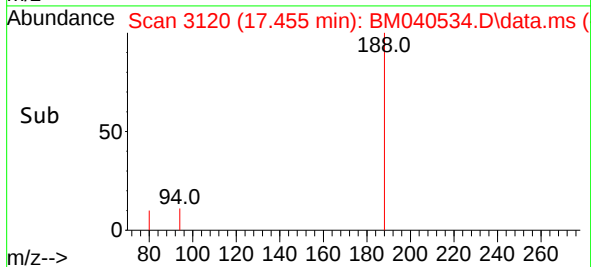
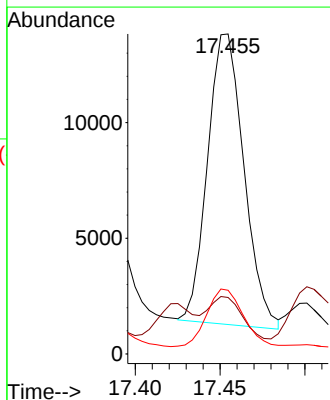
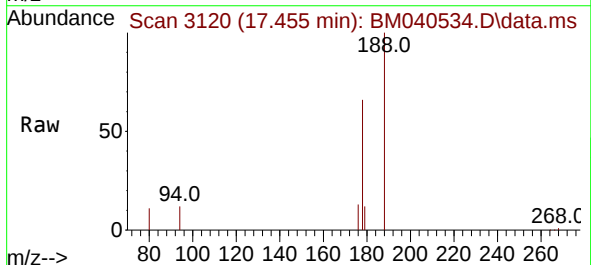
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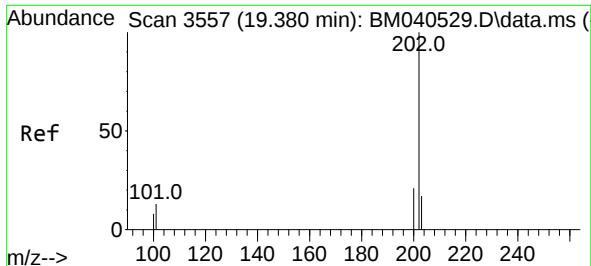
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#16
Anthracene
Concen: 0.246 ng/u1
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19

Tgt Ion:178 Resp: 18669
Ion Ratio Lower Upper
178 100
179 17.6 12.9 19.3
176 19.9 15.8 23.6





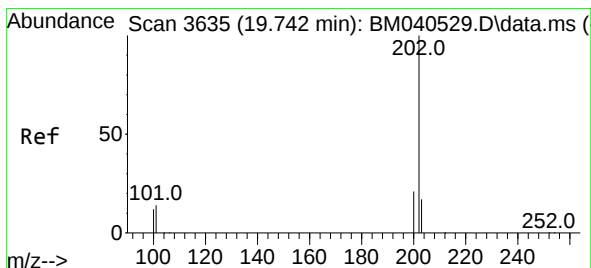
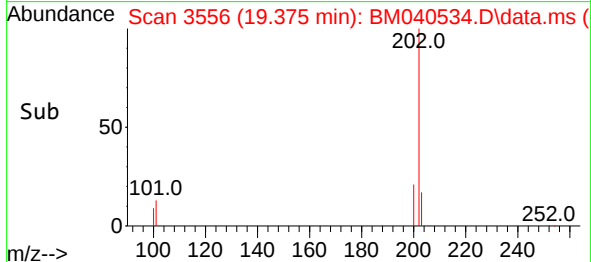
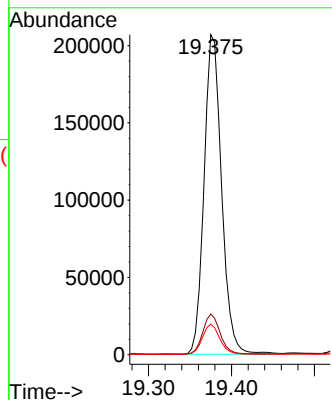
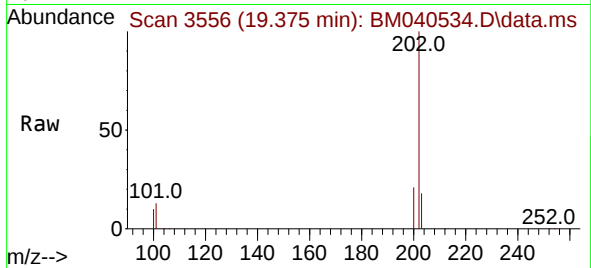
#19
Fluoranthene
Concen: 4.110 ng/ul
RT: 19.375 min Scan# 3557
Delta R.T. -0.009 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19

Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 30457
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.6 8.7 13.1

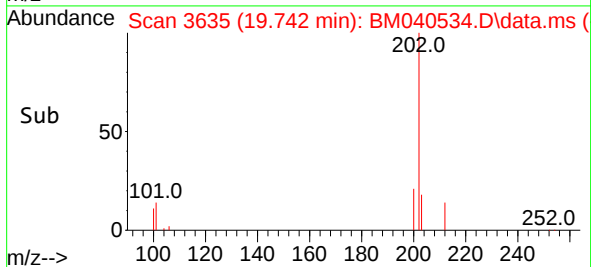
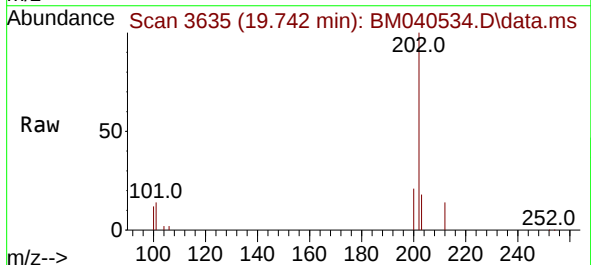
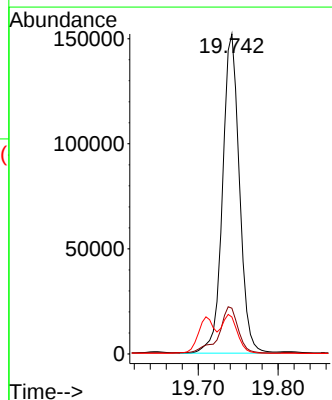
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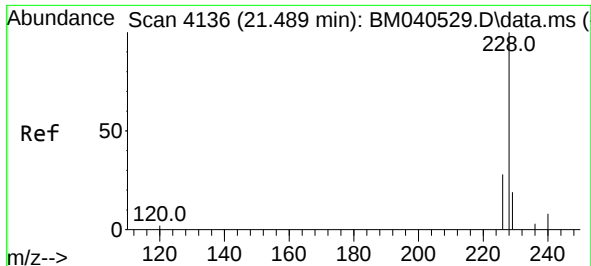
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#20
Pyrene
Concen: 2.805 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19

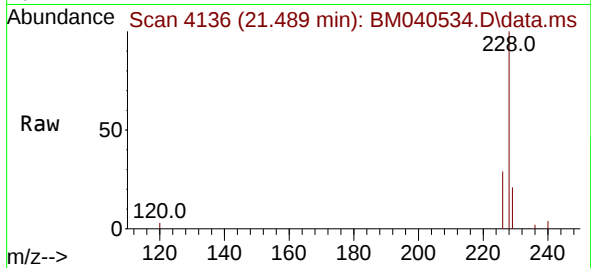
Tgt Ion:202 Resp: 222852
Ion Ratio Lower Upper
202 100
101 14.3 12.6 18.8
100 11.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.686 ng/ul
RT: 21.489 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19

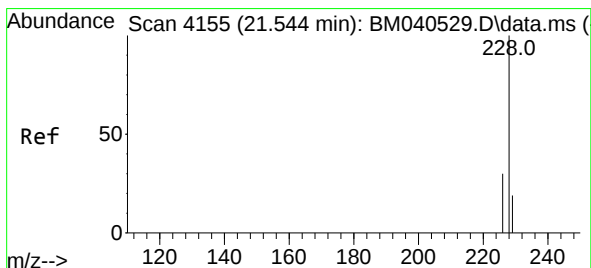
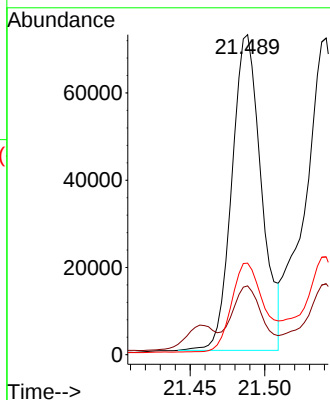
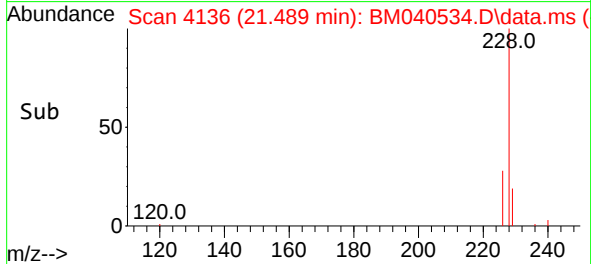
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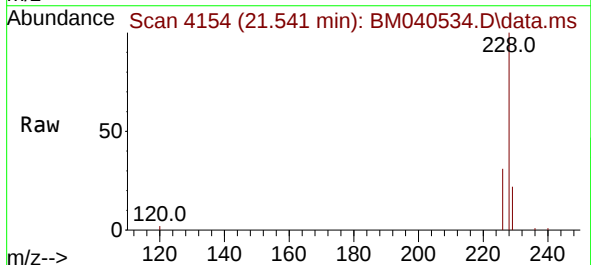
Tgt Ion:228 Resp: 99460
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 28.6 22.3 33.5

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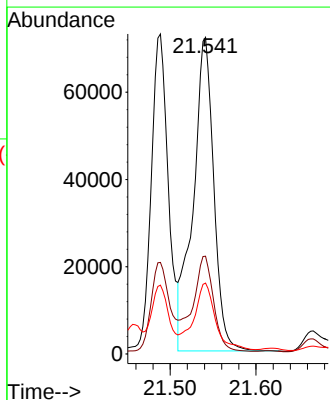
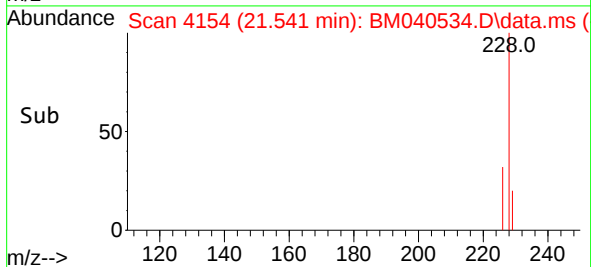
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

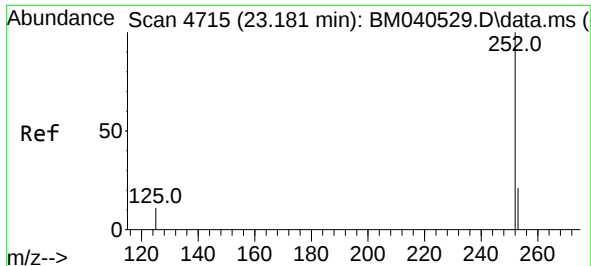


#22
Chrysene
Concen: 1.788 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19



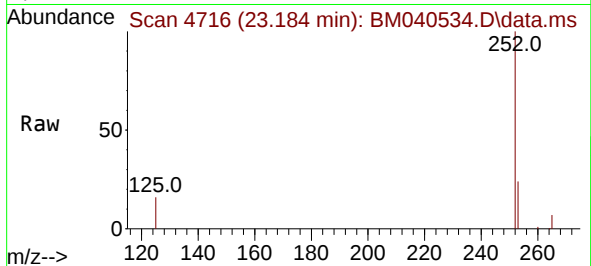
Tgt Ion:228 Resp: 120363
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.286 ng/ul
RT: 23.184 min Scan# 4715
Delta R.T. 0.003 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19

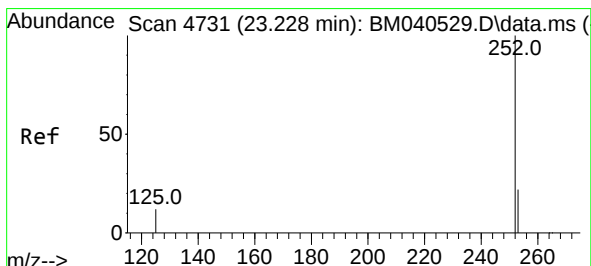
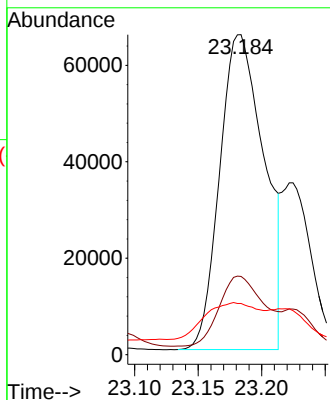
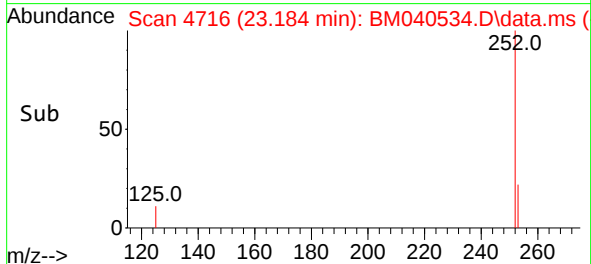
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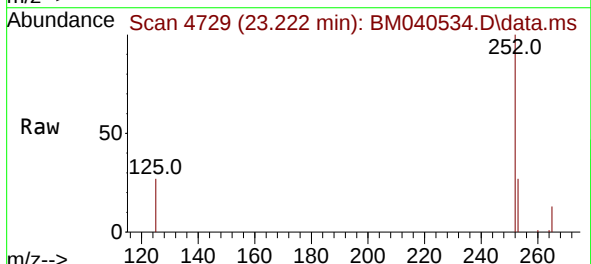
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Ion Ratio Lower Upper
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125 16.0 0.0 43.0

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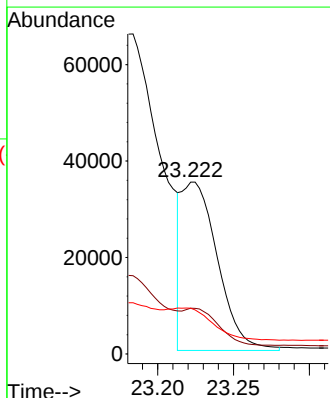
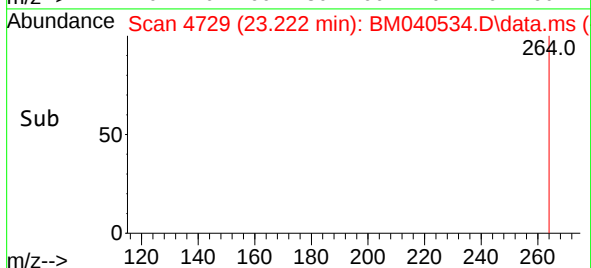
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

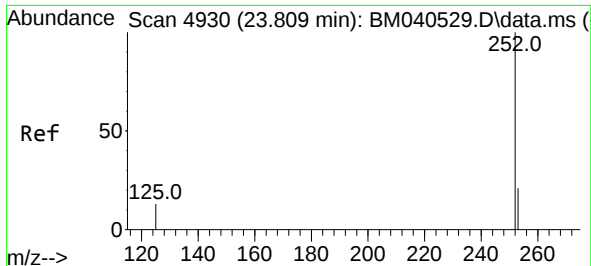


#25
Benzo(k)fluoranthene
Concen: 0.842 ng/ul m
RT: 23.222 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19



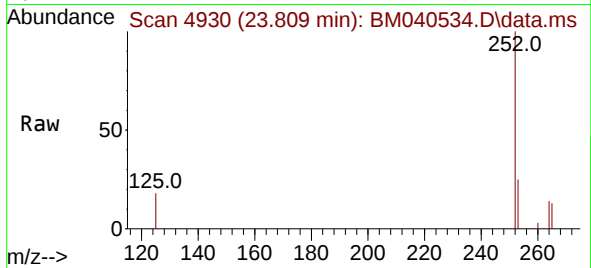
Tgt Ion:252 Resp: 57615
Ion Ratio Lower Upper
252 100
253 26.6 21.2 31.8
125 26.6 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 1.585 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19

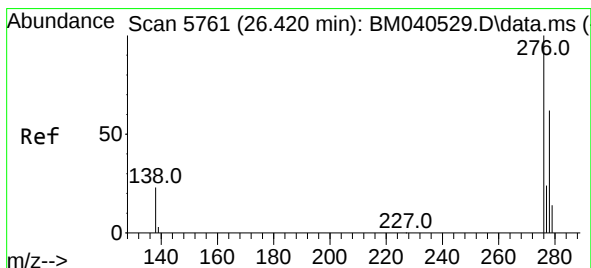
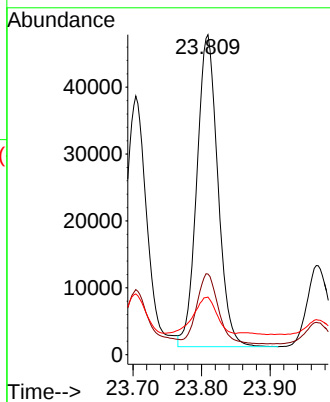
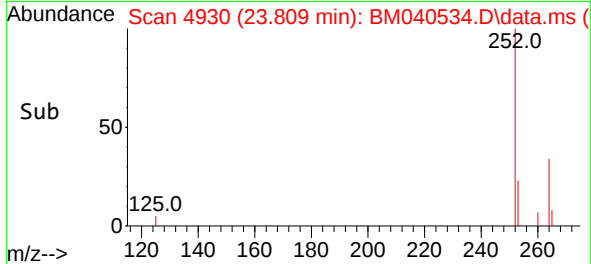
Instrument :
BNA_M
ClientSampleId :
DCGA5



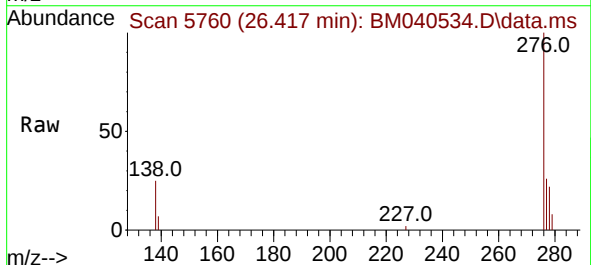
Tgt Ion:252 Resp: 9913
Ion Ratio Lower Upper
252 100
253 25.2 22.9 34.3
125 18.0 21.0 31.4

Manual Integrations
APPROVED

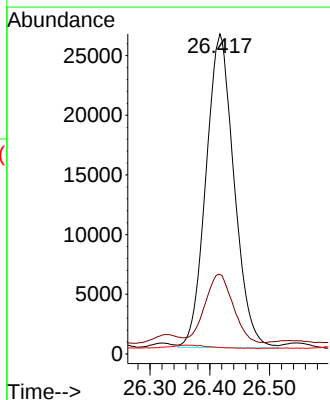
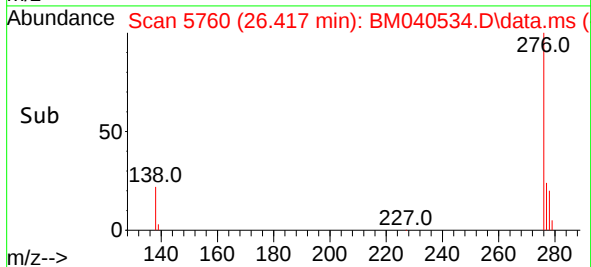
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

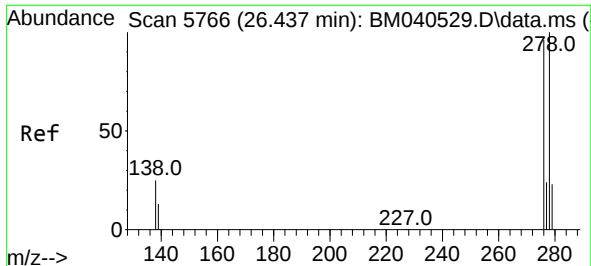


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.986 ng/ul
RT: 26.417 min Scan# 5760
Delta R.T. -0.003 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19



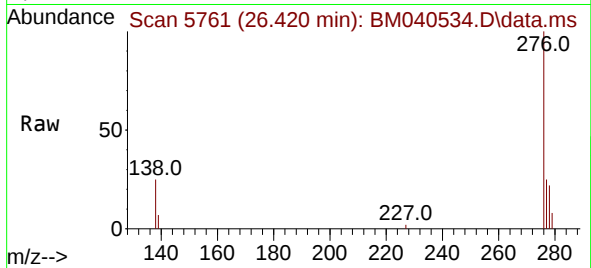
Tgt Ion:276 Resp: 85895
Ion Ratio Lower Upper
276 100
138 21.9 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.303 ng/ul
RT: 26.420 min Scan# 5766
Delta R.T. -0.017 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19

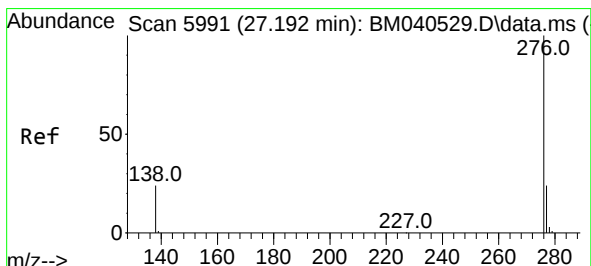
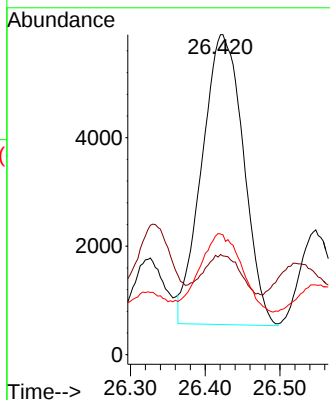
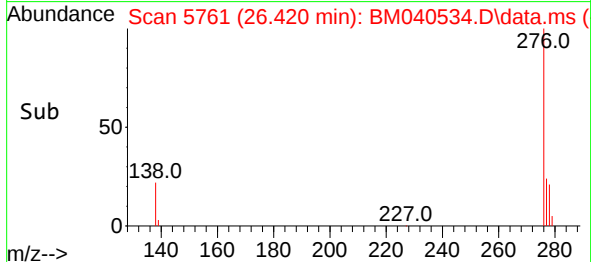
Instrument :
BNA_M
ClientSampleId :
DCGA5



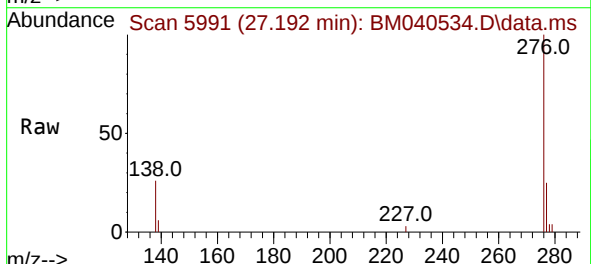
Tgt Ion: 278 Resp: 2064
Ion Ratio Lower Upper
278 100
139 31.3 17.9 26.9
279 37.7 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.914 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040534.D
Acq: 02 Jul 2023 11:19



Tgt Ion: 276 Resp: 69750
Ion Ratio Lower Upper
276 100
138 26.4 23.0 34.6
277 25.4 20.3 30.5

