

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040527.D
 Acq On : 02 Jul 2023 06:23
 Operator : MA/JU
 Sample : 03242-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGC0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 06:54:26 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	7350	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	26958	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.573	164	14824	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	29249	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	16446	0.400	ng/ul	# 0.00
23) Perylene-d12	23.918	264	17881	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	36229	3.138	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	8920	0.236	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	15663	0.297	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.789	128	45881	0.617	ng/ul	99
7) 2-Methylnaphthalene	12.400	142	33889	0.776	ng/ul	99
8) 1-Methylnaphthalene	12.620	142	12607	0.289	ng/ul	99
10) Acenaphthylene	14.295	152	45679	0.690	ng/ul	99
11) Acenaphthene	14.633	153	4499	0.080	ng/ul	96
12) Fluorene	15.623	166	5071	0.085	ng/ul#	94
14) Pentachlorophenol	16.973	266	492	0.087	ng/ul	89
15) Phenanthrene	17.362	178	151930	1.672	ng/ul	99
16) Anthracene	17.455	178	48140	0.631	ng/ul	99
19) Fluoranthene	19.380	202	653297	9.352	ng/ul#	94
20) Pyrene	19.742	202	529540	7.070	ng/ul	96
21) Benzo(a)anthracene	21.486	228	370034	6.652	ng/ul	98
22) Chrysene	21.541	228	402103	6.337	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	673832	9.738	ng/ul	89
25) Benzo(k)fluoranthene	23.222	252	196706m	2.884	ng/ul	
26) Benzo(a)pyrene	23.809	252	343646	5.513	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.420	276	307611	3.543	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.427	278	81081	1.193	ng/ul#	93
29) Benzo(g,h,i)perylene	27.195	276	316780	4.163	ng/ul	95

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

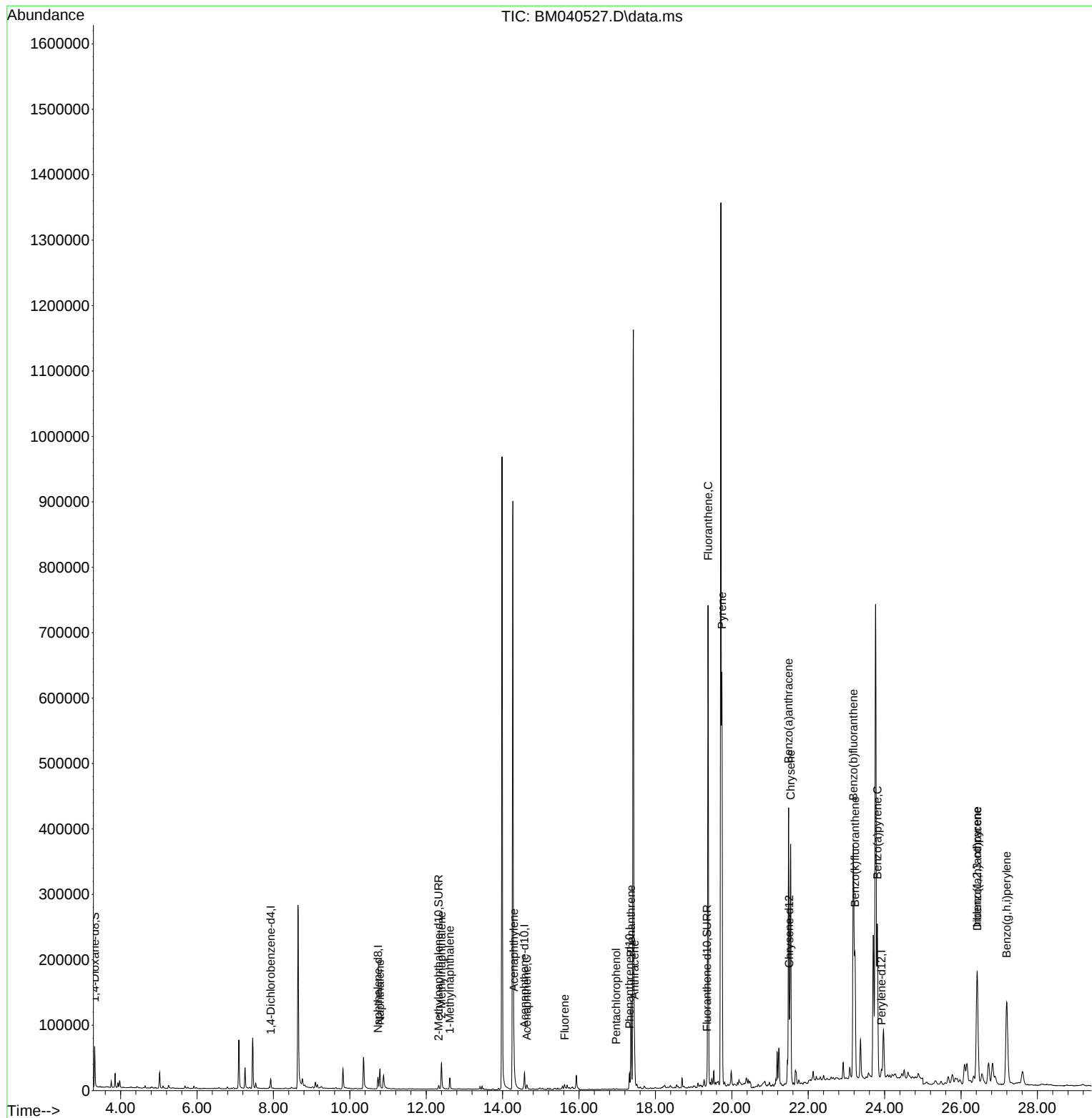
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040527.D
Acq On : 02 Jul 2023 06:23
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ALS Vial : 33 Sample Multiplier: 1

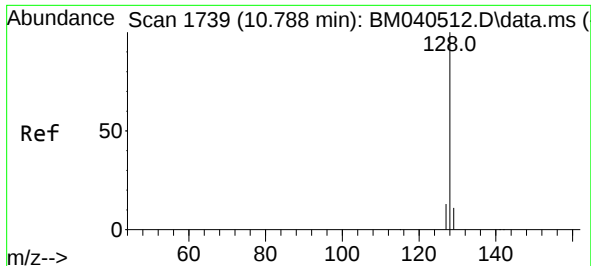
Instrument :
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ClientSampleId :
DCGC0

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Supervised By :Sohil Jodhani 07/02/2023

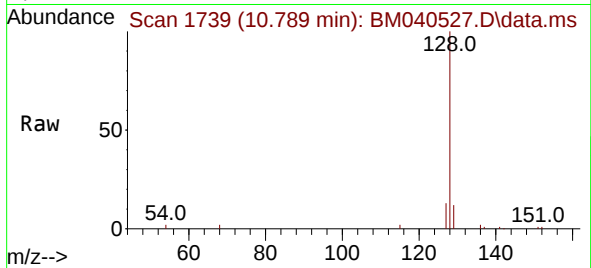
Quant Time: Jul 02 06:54:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.617 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040527.D
Acq: 02 Jul 2023 06:23

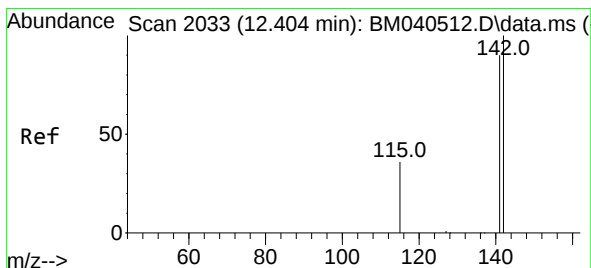
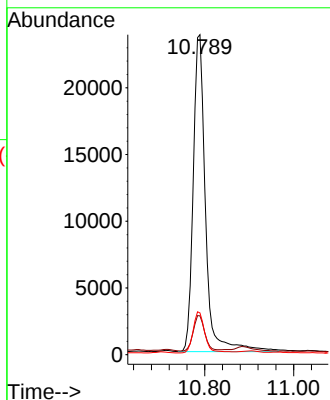
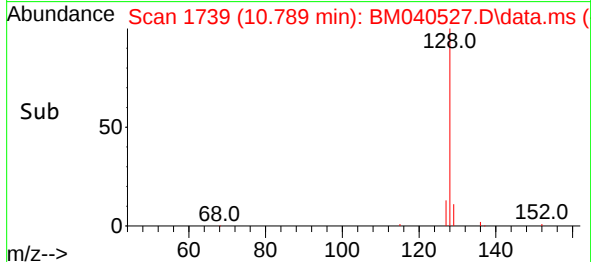
Instrument :
BNA_M
ClientSampleId :
DCGC0



Tgt Ion:128 Resp: 4588
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.1 10.6 15.8

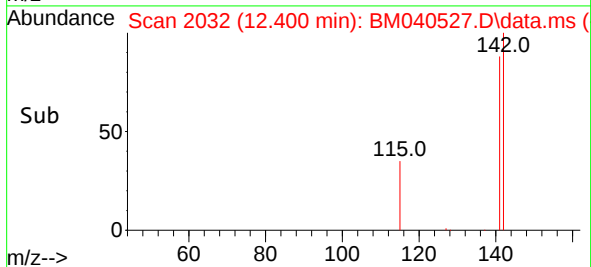
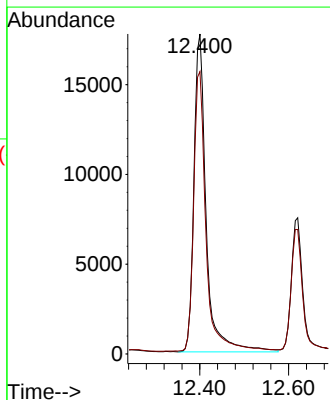
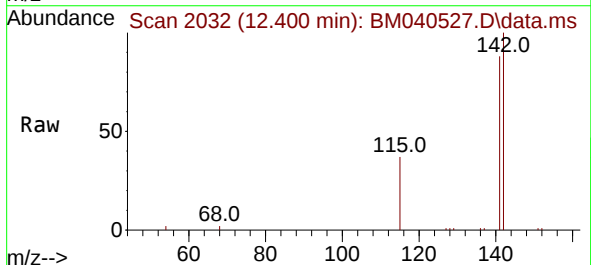
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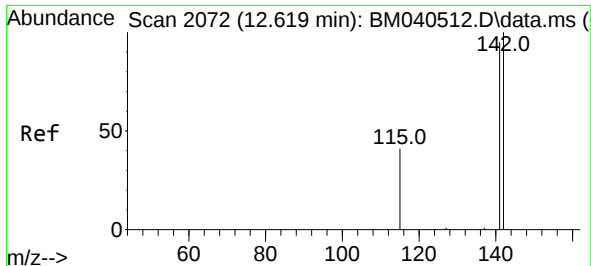
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.776 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040527.D
Acq: 02 Jul 2023 06:23

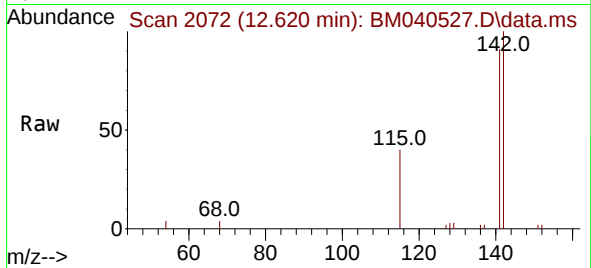
Tgt Ion:142 Resp: 33889
Ion Ratio Lower Upper
142 100
141 88.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.289 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040527.D
Acq: 02 Jul 2023 06:23

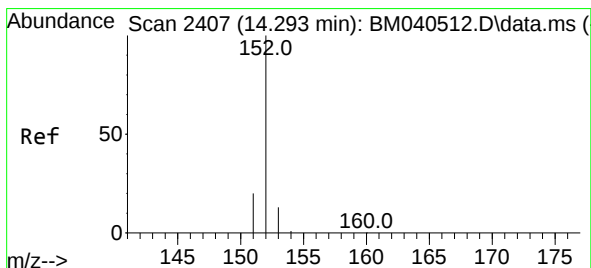
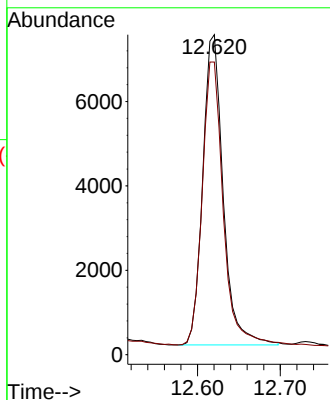
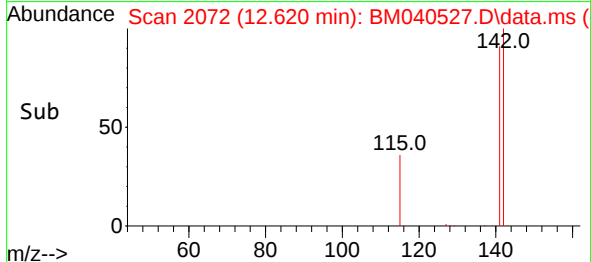
Instrument :
BNA_M
ClientSampleId :
DCGC0



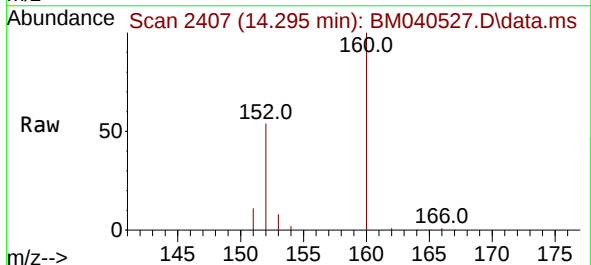
Tgt Ion:142 Resp: 1260
Ion Ratio Lower Upper
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141 93.3 73.7 110.5

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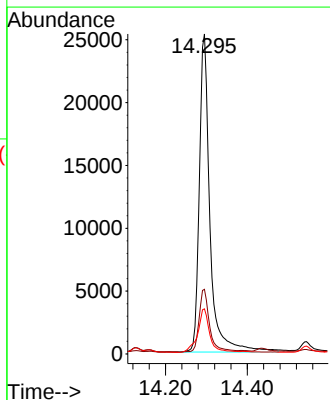
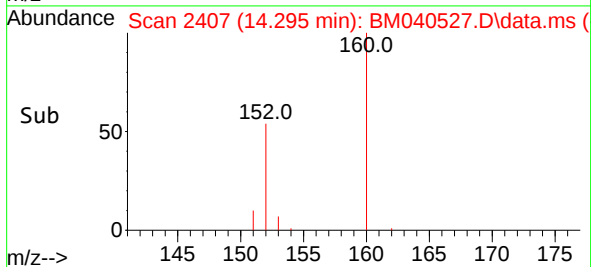
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

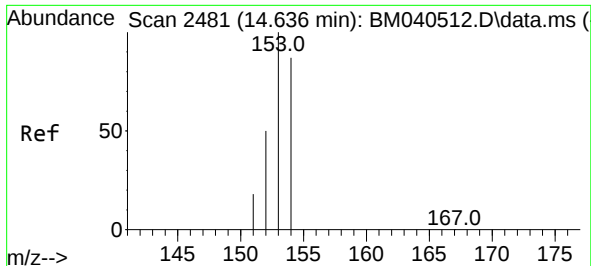


#10
Acenaphthylene
Concen: 0.690 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BM040527.D
Acq: 02 Jul 2023 06:23



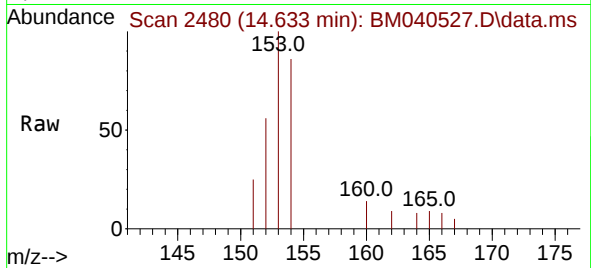
Tgt Ion:152 Resp: 45679
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 14.1 10.9 16.3





#11
Acenaphthene
Concen: 0.080 ng/ul
RT: 14.633 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BM040527.D
Acq: 02 Jul 2023 06:23

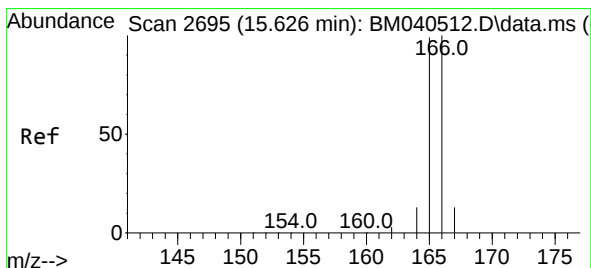
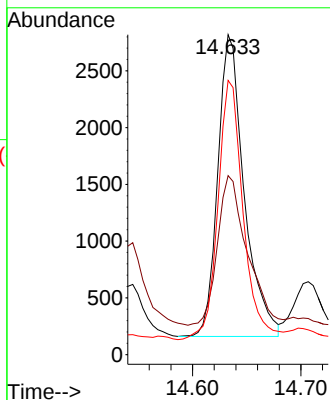
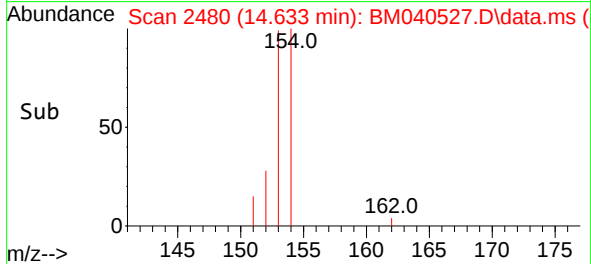
Instrument :
BNA_M
ClientSampleId :
DCGC0



Tgt Ion:153 Resp: 4499
Ion Ratio Lower Upper
153 100
152 55.9 41.0 61.4
154 85.7 70.8 106.2

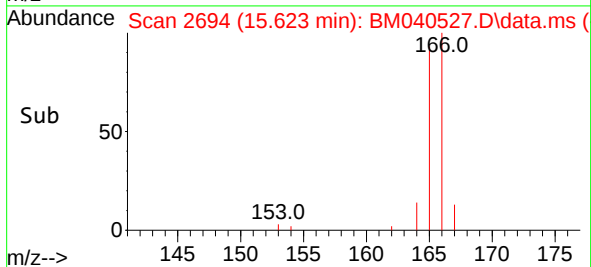
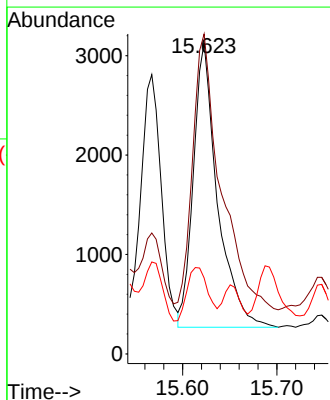
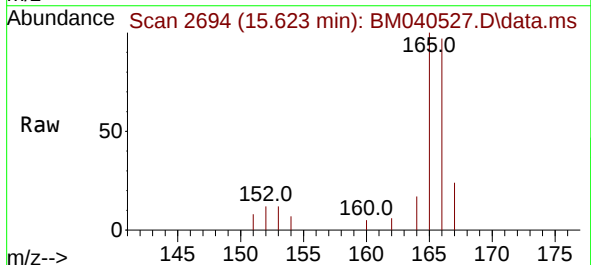
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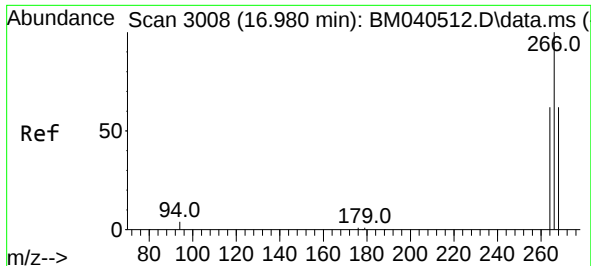
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.085 ng/ul
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040527.D
Acq: 02 Jul 2023 06:23

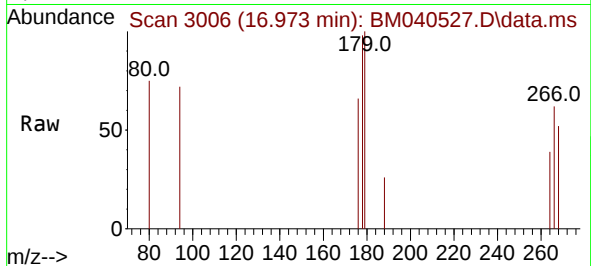
Tgt Ion:166 Resp: 5071
Ion Ratio Lower Upper
166 100
165 102.8 79.6 119.4
167 24.4 11.4 17.0#





#14
Pentachlorophenol
Concen: 0.087 ng/ul
RT: 16.973 min Scan# 3006
Delta R.T. -0.008 min
Lab File: BM040527.D
Acq: 02 Jul 2023 06:23

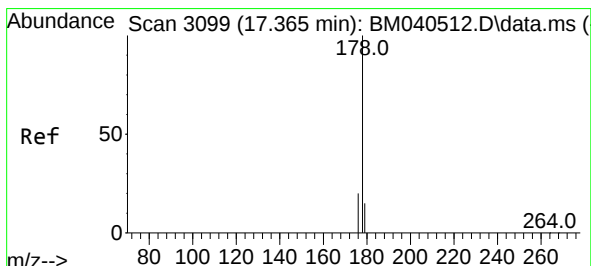
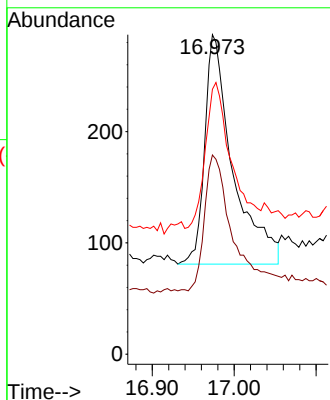
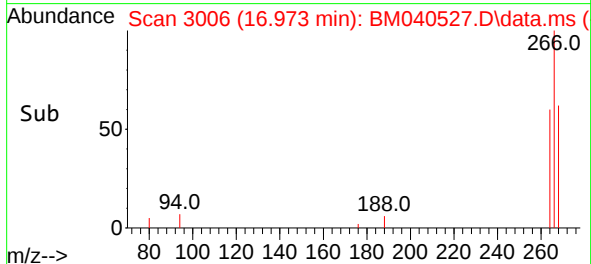
Instrument :
BNA_M
ClientSampleId :
DCGC0



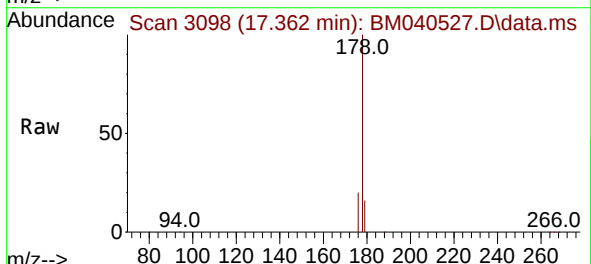
Tgt Ion:266 Resp: 492
Ion Ratio Lower Upper
266 100
264 63.0 45.4 68.0
268 69.3 47.2 70.8

Manual Integrations
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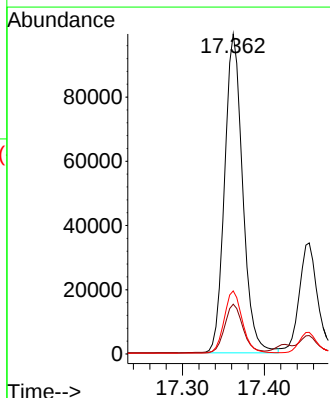
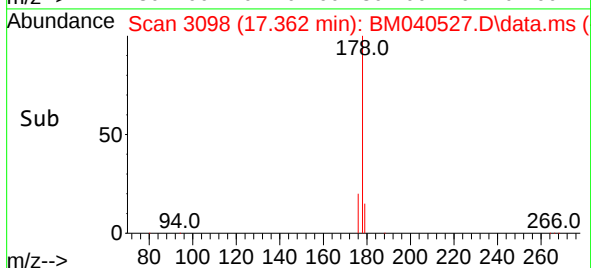
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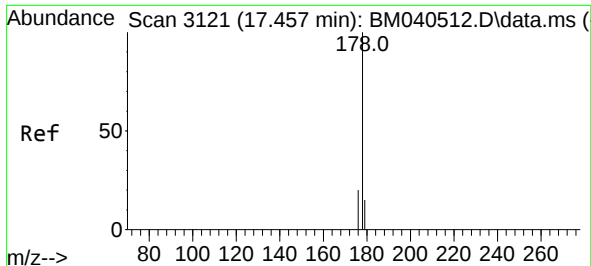


#15
Phenanthrene
Concen: 1.672 ng/ul
RT: 17.362 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BM040527.D
Acq: 02 Jul 2023 06:23



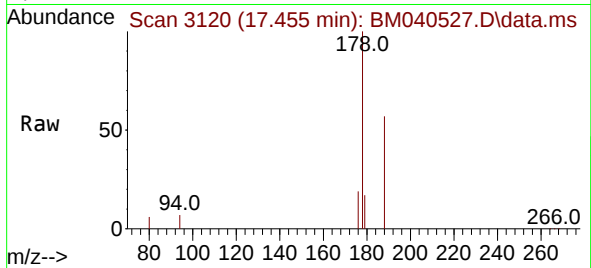
Tgt Ion:178 Resp: 151930
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.7 16.4 24.6





#16
 Anthracene
 Concen: 0.631 ng/ul
 RT: 17.455 min Scan# 3121
 Delta R.T. -0.008 min
 Lab File: BM040527.D
 Acq: 02 Jul 2023 06:23

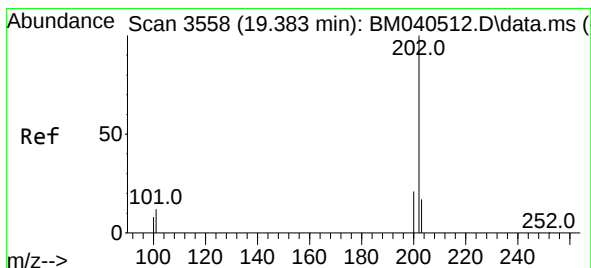
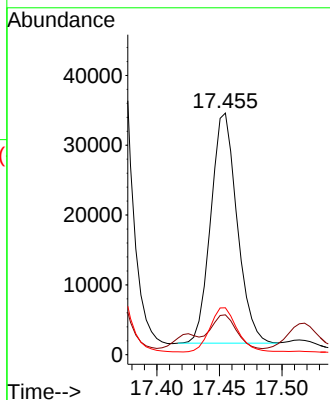
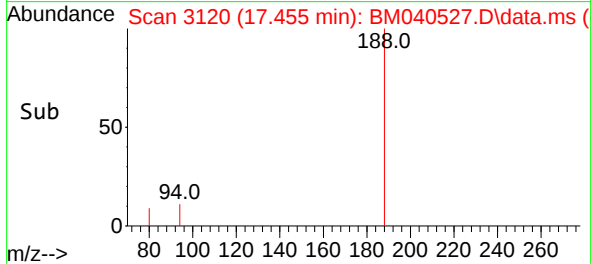
Instrument :
 BNA_M
 ClientSampleId :
 DCGC0



Tgt Ion:178 Resp: 48140
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.9 19.3
 176 19.4 15.8 23.6

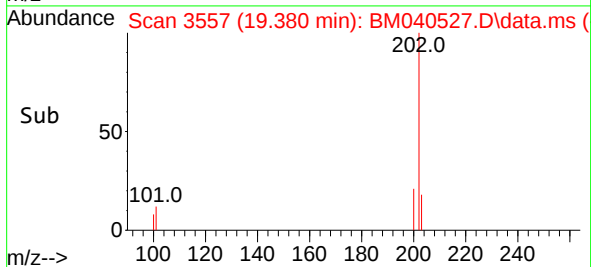
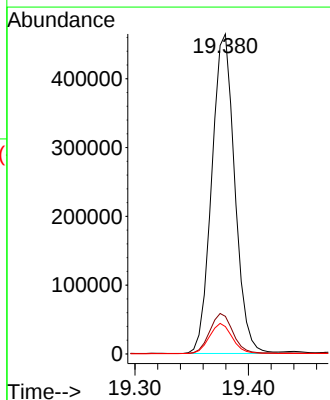
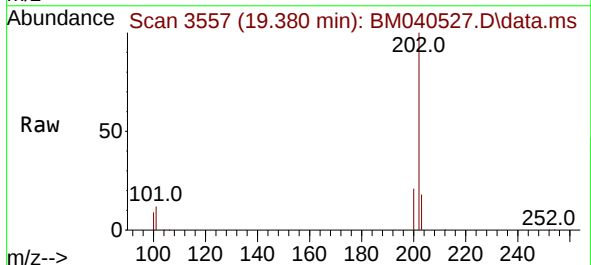
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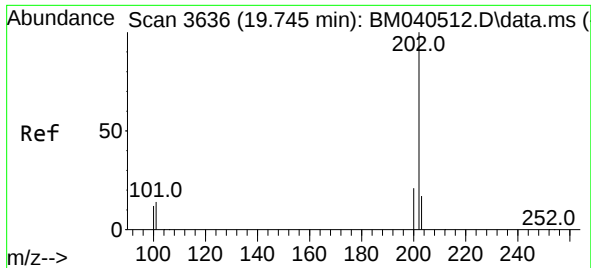
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023



#19
 Fluoranthene
 Concen: 9.352 ng/ul
 RT: 19.380 min Scan# 3557
 Delta R.T. -0.004 min
 Lab File: BM040527.D
 Acq: 02 Jul 2023 06:23

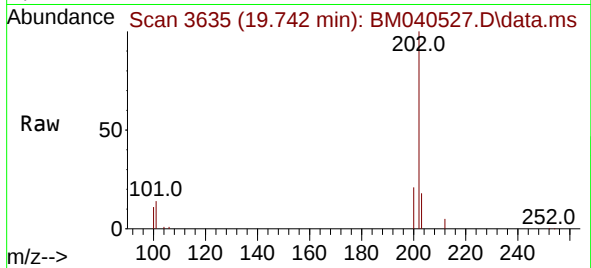
Tgt Ion:202 Resp: 653297
 Ion Ratio Lower Upper
 202 100
 101 11.8 11.4 17.0
 100 8.6 8.7 13.1#





#20
Pyrene
Concen: 7.070 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040527.D
Acq: 02 Jul 2023 06:23

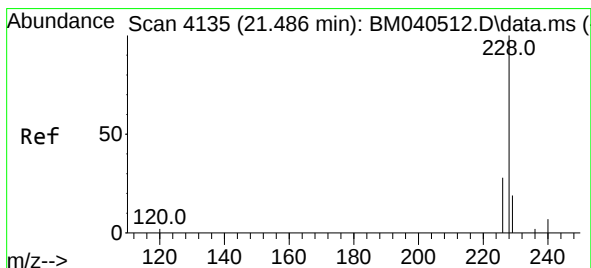
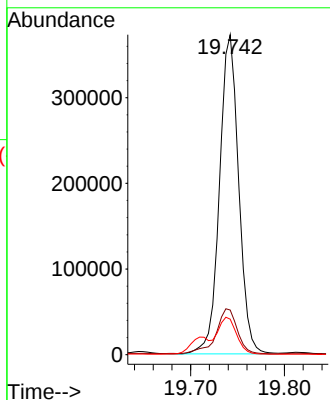
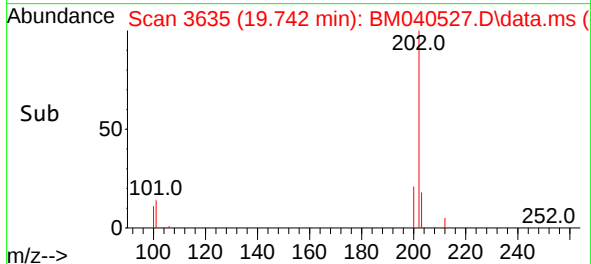
Instrument :
BNA_M
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DCGC0



Tgt Ion:202 Resp: 529540
Ion Ratio Lower Upper
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101 14.0 12.6 18.8
100 11.1 9.8 14.6

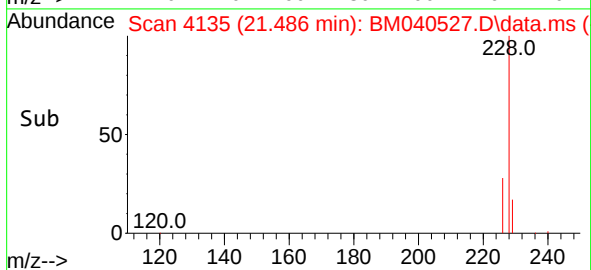
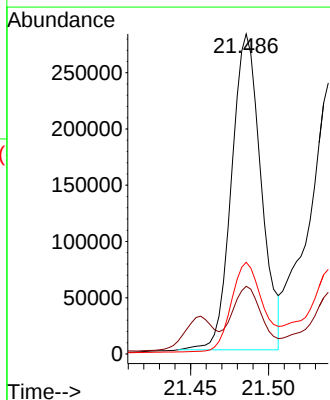
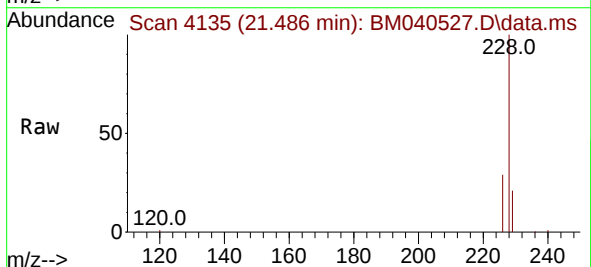
Manual Integrations
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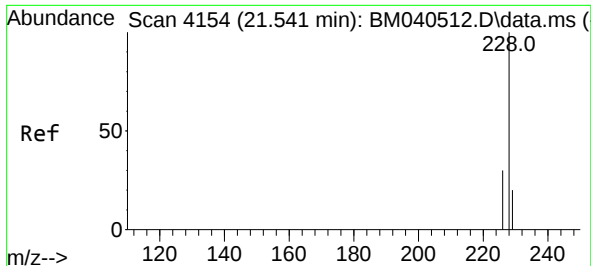
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#21
Benzo(a)anthracene
Concen: 6.652 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040527.D
Acq: 02 Jul 2023 06:23

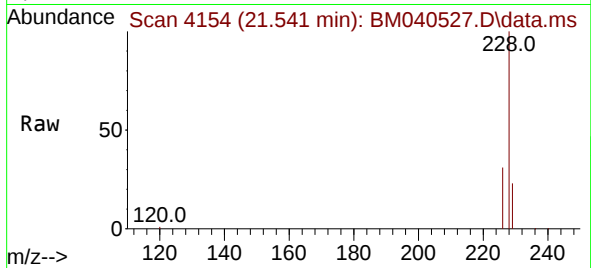
Tgt Ion:228 Resp: 370034
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 28.6 22.3 33.5





#22
Chrysene
Concen: 6.337 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040527.D
Acq: 02 Jul 2023 06:23

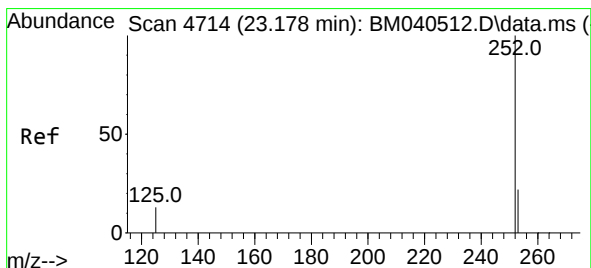
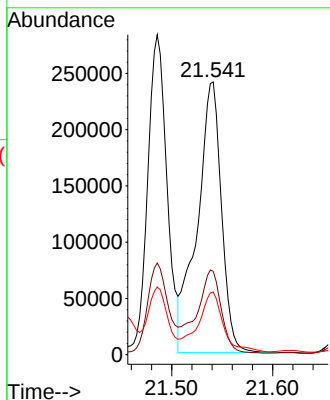
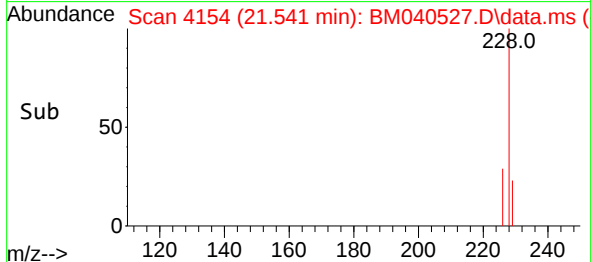
Instrument :
BNA_M
ClientSampleId :
DCGC0



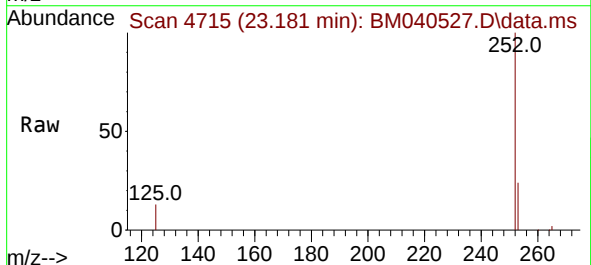
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Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 23.0 15.8 23.6

Manual Integrations
APPROVED

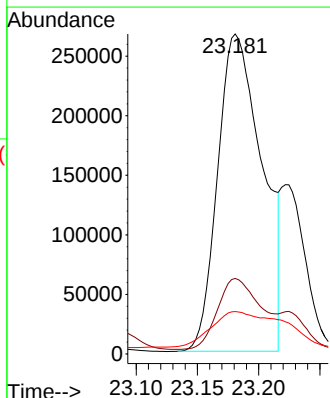
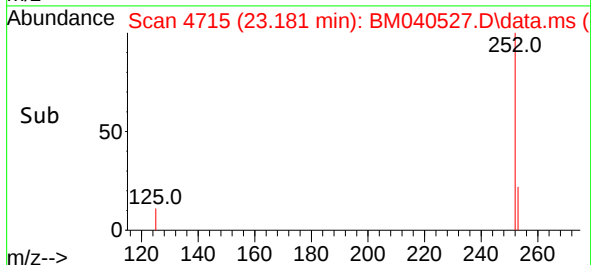
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

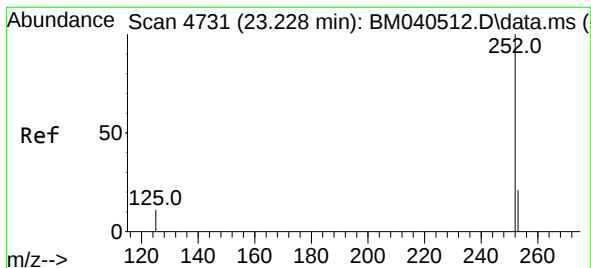


#24
Benzo(b)fluoranthene
Concen: 9.738 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040527.D
Acq: 02 Jul 2023 06:23



Tgt Ion:252 Resp: 673832
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.8
125 13.3 0.0 43.0





#25

Benzo(k)fluoranthene

Concen: 2.884 ng/ul m

RT: 23.222 min Scan# 4

Delta R.T. -0.006 min

Lab File: BM040527.D

Acq: 02 Jul 2023 06:23

Instrument :

BNA_M

ClientSampleId :

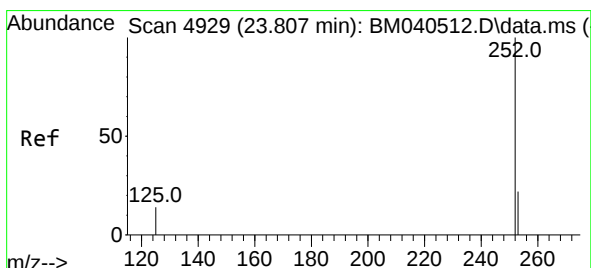
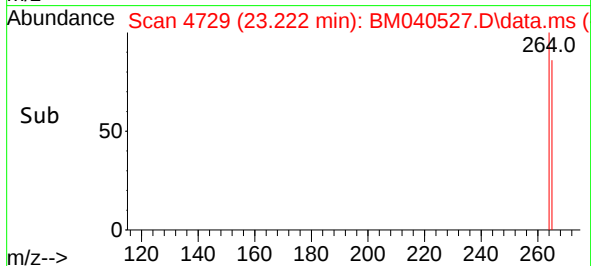
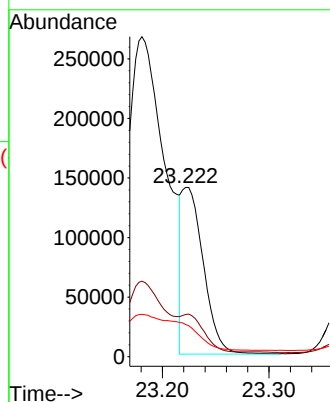
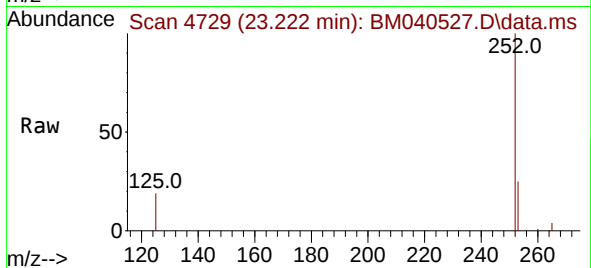
DCGC0

Tgt Ion:252 Resp: 196700
 Ion Ratio Lower Upper
 252 100
 253 25.0 21.2 31.8
 125 19.0 16.4 24.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023



#26

Benzo(a)pyrene

Concen: 5.513 ng/ul

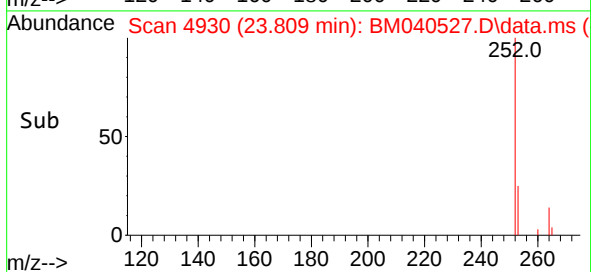
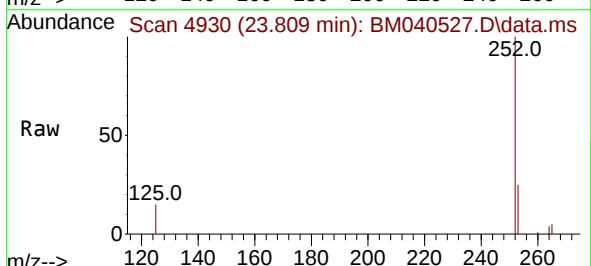
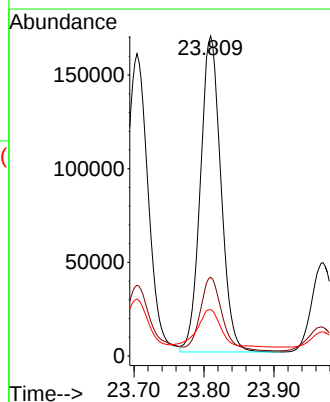
RT: 23.809 min Scan# 4930

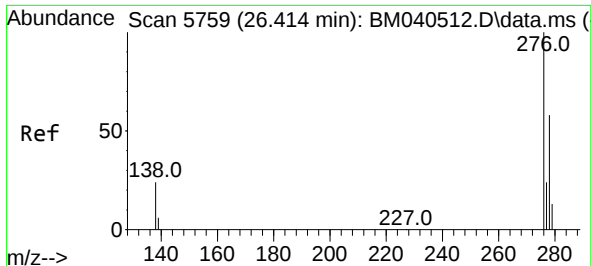
Delta R.T. -0.003 min

Lab File: BM040527.D

Acq: 02 Jul 2023 06:23

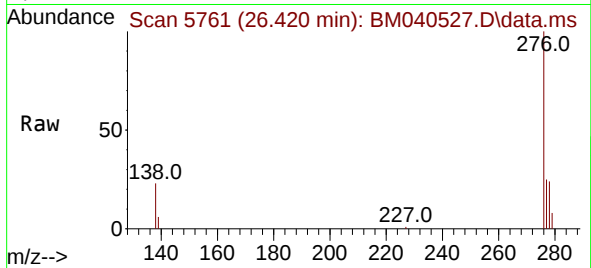
Tgt Ion:252 Resp: 343646
 Ion Ratio Lower Upper
 252 100
 253 24.6 22.9 34.3
 125 14.5 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 3.543 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.000 min
Lab File: BM040527.D
Acq: 02 Jul 2023 06:23

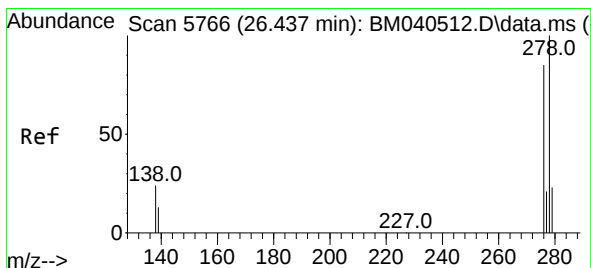
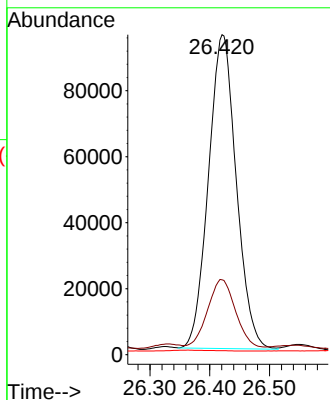
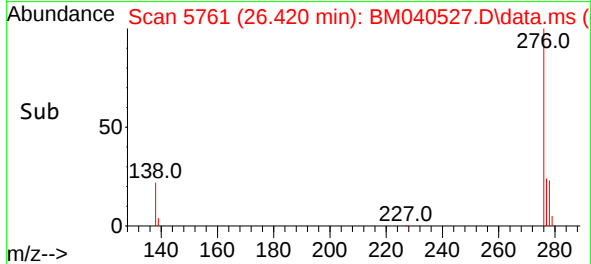
Instrument :
BNA_M
ClientSampleId :
DCGC0



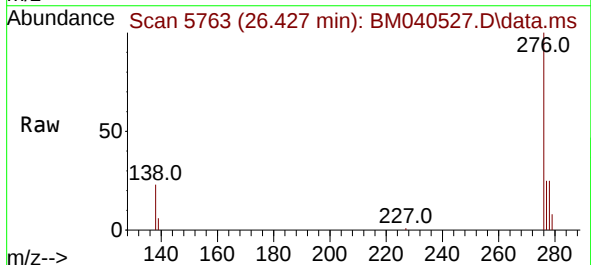
Tgt Ion:276 Resp: 30761
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7
227 0.0 0.1 0.1

Manual Integrations
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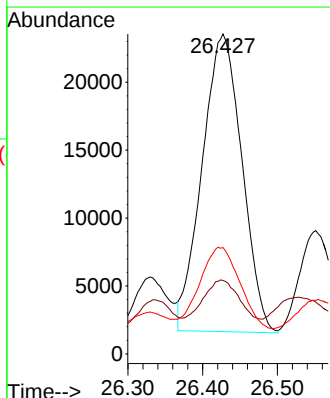
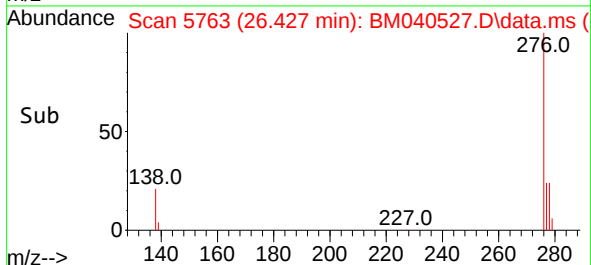
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

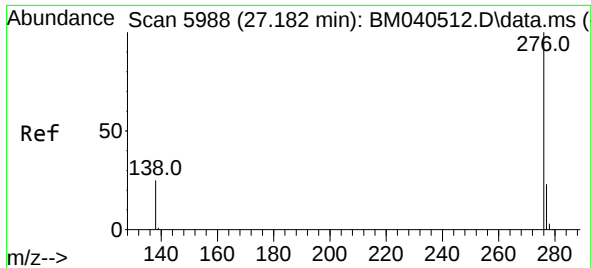


#28
Dibenzo(a,h)anthracene
Concen: 1.193 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.010 min
Lab File: BM040527.D
Acq: 02 Jul 2023 06:23



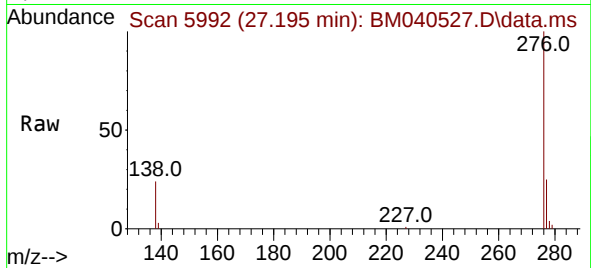
Tgt Ion:278 Resp: 81081
Ion Ratio Lower Upper
278 100
139 22.9 17.9 26.9
279 33.2 22.0 33.0





#29
Benzo(g,h,i)perylene
Concen: 4.163 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040527.D
Acq: 02 Jul 2023 06:23

Instrument :
BNA_M
ClientSampleId :
DCGC0



Tgt Ion:276 Resp: 316780
Ion Ratio Lower Upper
276 100
138 24.1 23.0 34.6
277 24.7 20.3 30.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

