

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040531.D
 Acq On : 02 Jul 2023 09:27
 Operator : MA/JU
 Sample : 03242-20
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGC1

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 12:00:44 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	6504	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	24057	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.572	164	12951	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	25674	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	16233	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	16214	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	41551	4.067	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	9471	0.281	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	17564	0.338	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.784	128	2544	0.038	ng/ul#	79
7) 2-Methylnaphthalene	12.400	142	1527	0.039	ng/ul	97
8) 1-Methylnaphthalene	12.620	142	1047	0.027	ng/ul	97
10) Acenaphthylene	14.295	152	2453	0.042	ng/ul#	83
15) Phenanthrene	17.362	178	14411	0.181	ng/ul	98
16) Anthracene	17.450	178	3454	0.052	ng/ul#	82
19) Fluoranthene	19.375	202	36209	0.525	ng/ul	99
20) Pyrene	19.742	202	29460m	0.399	ng/ul	
21) Benzo(a)anthracene	21.486	228	17606	0.321	ng/ul	94
22) Chrysene	21.541	228	22790	0.364	ng/ul#	95
24) Benzo(b)fluoranthene	23.181	252	34332	0.547	ng/ul	92
25) Benzo(k)fluoranthene	23.222	252	12951m	0.209	ng/ul	
26) Benzo(a)pyrene	23.806	252	20237	0.358	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.417	276	19870	0.252	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.430	278	4856	0.079	ng/ul#	38
29) Benzo(g,h,i)perylene	27.192	276	19827	0.287	ng/ul#	90

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

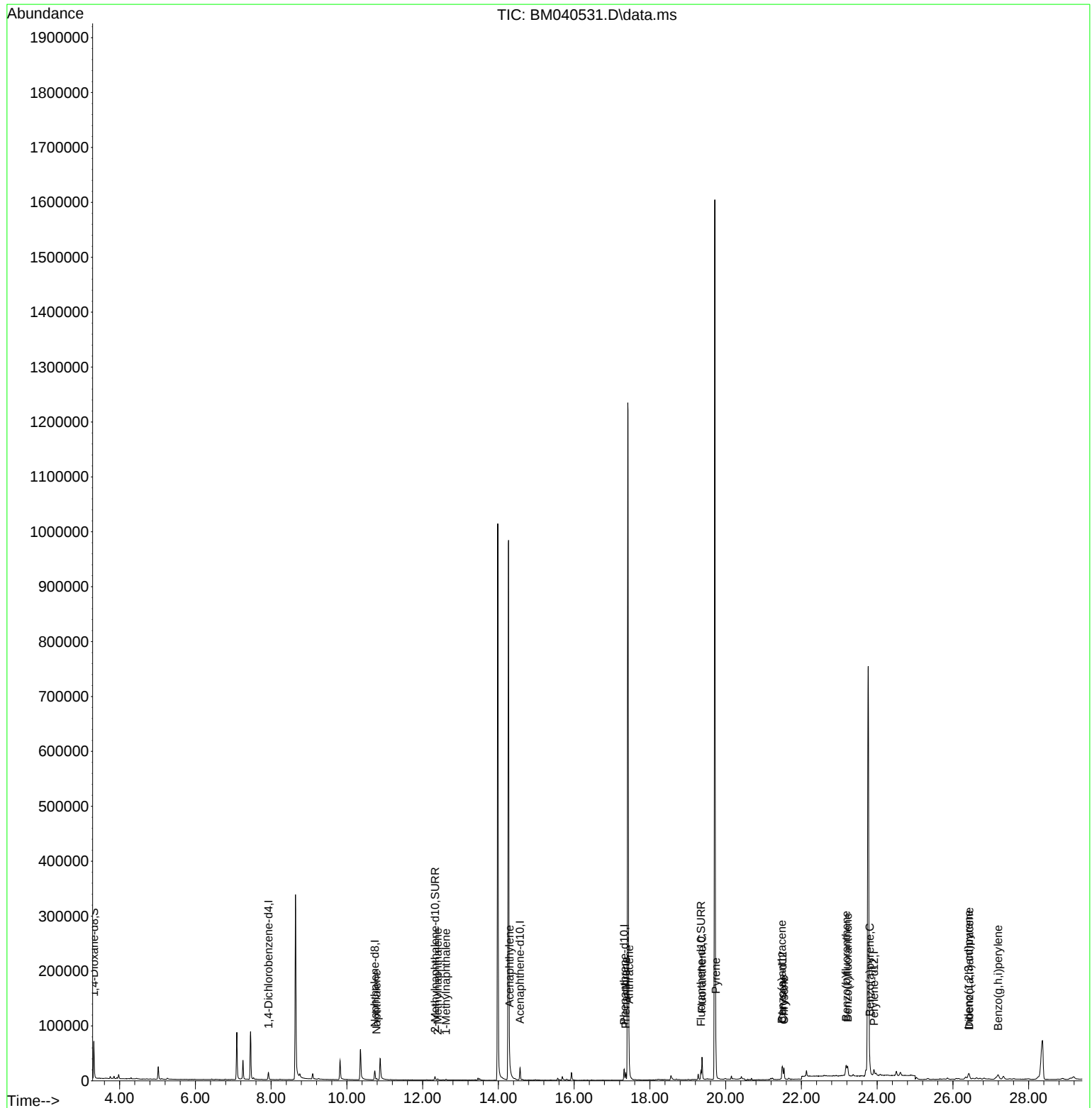
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040531.D
Acq On : 02 Jul 2023 09:27
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Sample : 03242-20
Misc :
ALS Vial : 37 Sample Multiplier: 1

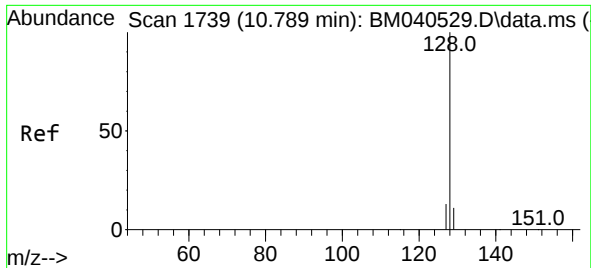
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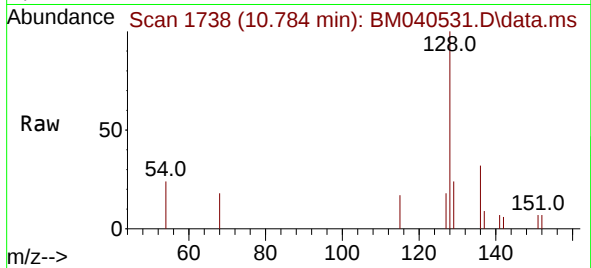
Quant Time: Jul 02 12:00:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.038 ng/ul
RT: 10.784 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BM040531.D
Acq: 02 Jul 2023 09:27

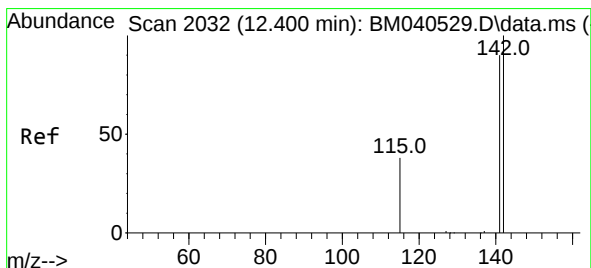
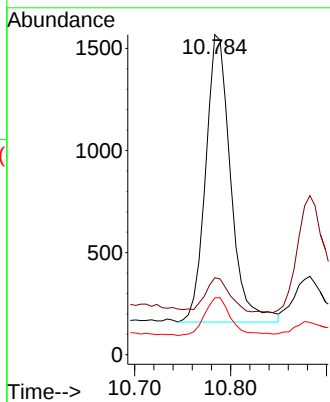
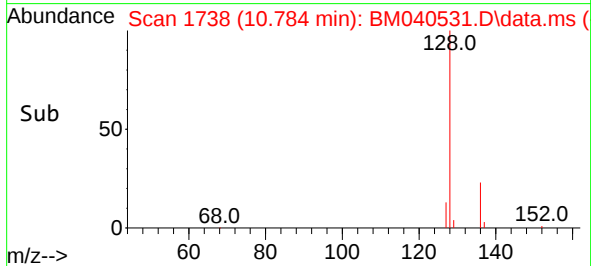
Instrument :
BNA_M
ClientSampleId :
DCGC1



Tgt Ion:128 Resp: 2544
Ion Ratio Lower Upper
128 100
129 24.1 9.2 13.8
127 17.7 10.6 15.8

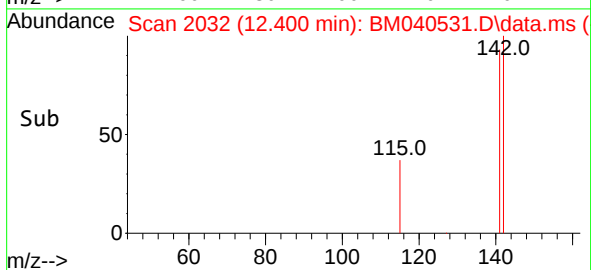
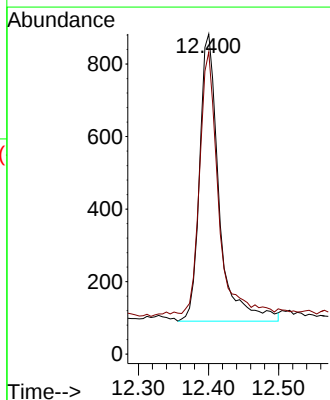
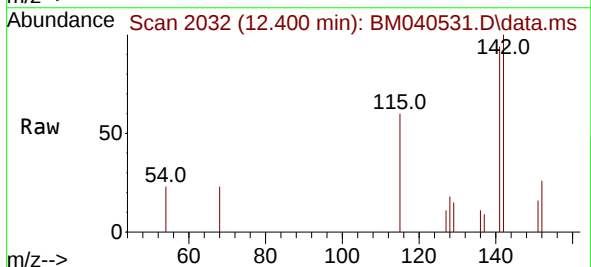
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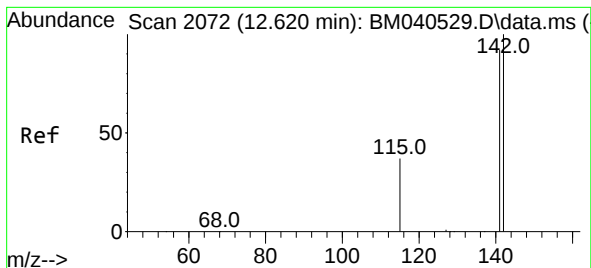
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040531.D
Acq: 02 Jul 2023 09:27

Tgt Ion:142 Resp: 1527
Ion Ratio Lower Upper
142 100
141 87.3 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 12.620 min Scan# 2072

Delta R.T. -0.005 min

Lab File: BM040531.D

Acq: 02 Jul 2023 09:27

Instrument :

BNA_M

ClientSampleId :

DCGC1

Tgt Ion:142 Resp: 104

Ion Ratio Lower Upper

142 100

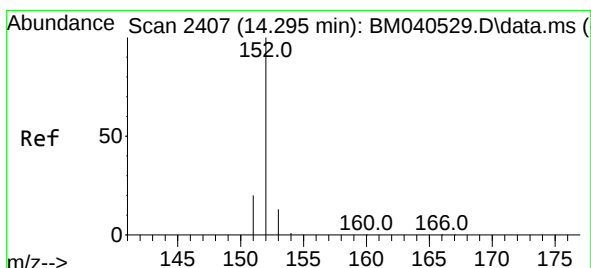
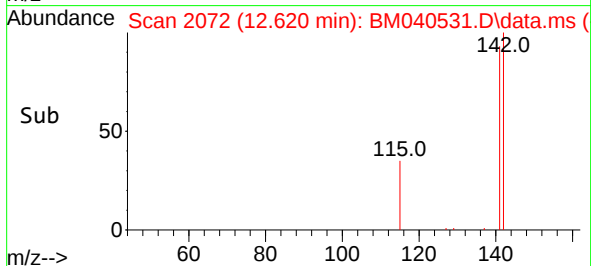
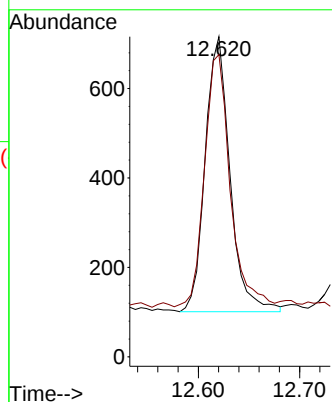
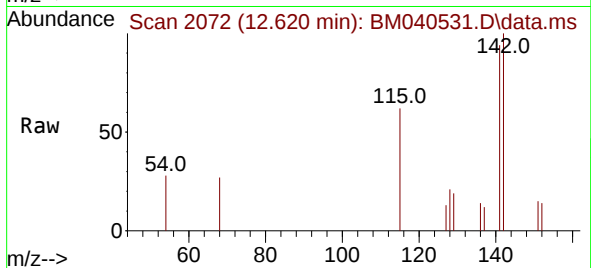
141 94.6 73.7 110.5

Manual Integrations

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#10

Acenaphthylene

Concen: 0.042 ng/ul

RT: 14.295 min Scan# 2407

Delta R.T. -0.005 min

Lab File: BM040531.D

Acq: 02 Jul 2023 09:27

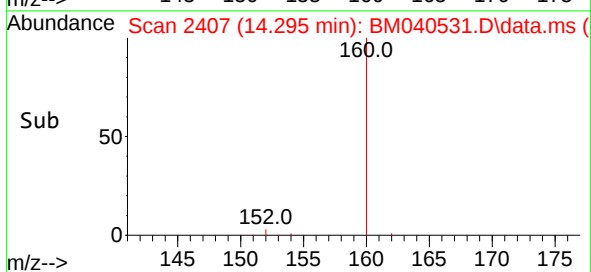
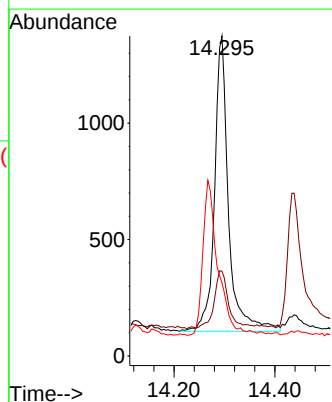
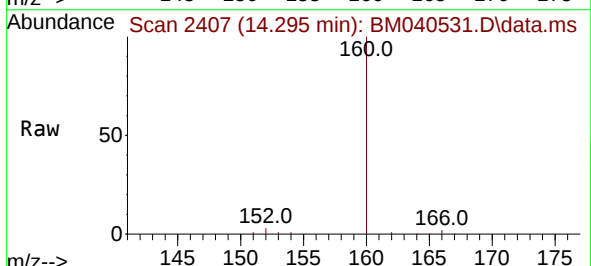
Tgt Ion:152 Resp: 2453

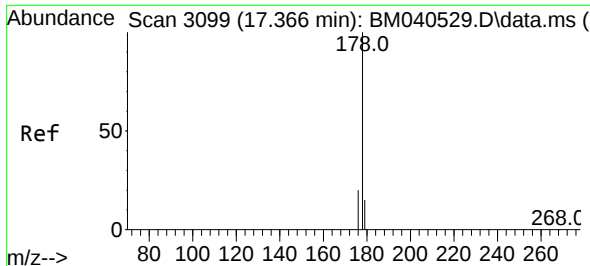
Ion Ratio Lower Upper

152 100

151 26.5 16.2 24.2#

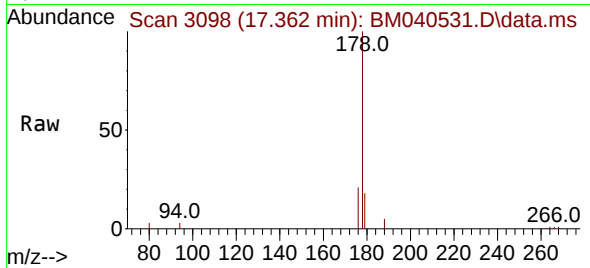
153 22.9 10.9 16.3#





#15
Phenanthrene
Concen: 0.181 ng/u1
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040531.D
Acq: 02 Jul 2023 09:27

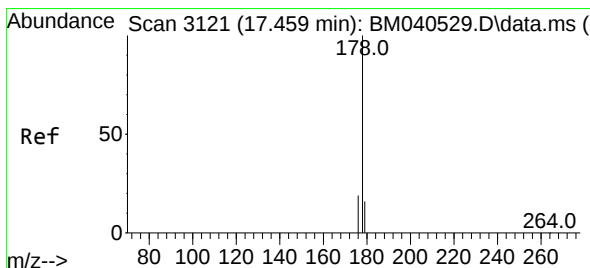
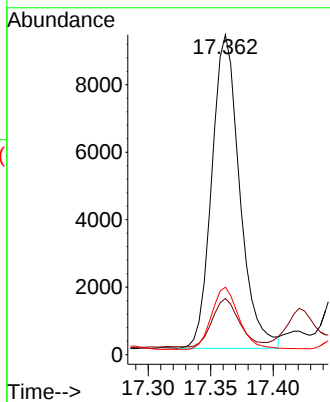
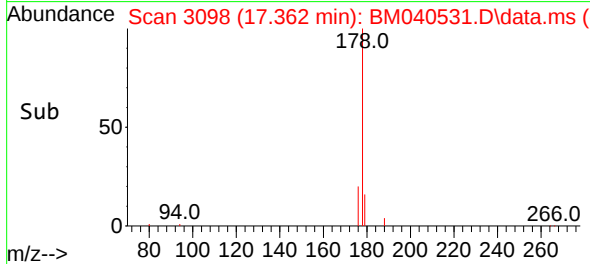
Instrument :
BNA_M
ClientSampleId :
DCGC1



Tgt Ion:178 Resp: 1441
Ion Ratio Lower Upper
178 100
179 17.6 12.8 19.2
176 21.1 16.4 24.6

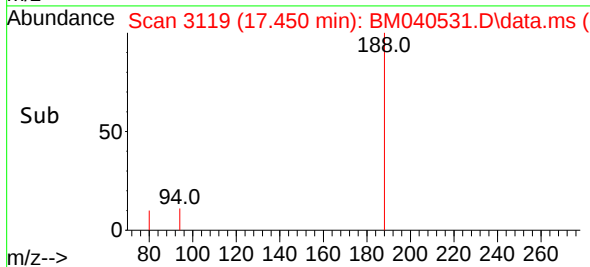
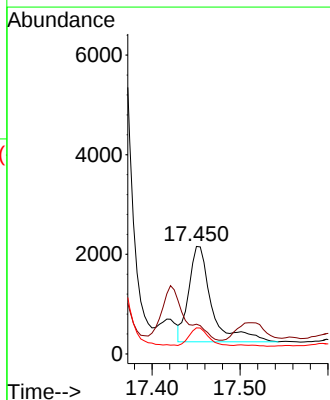
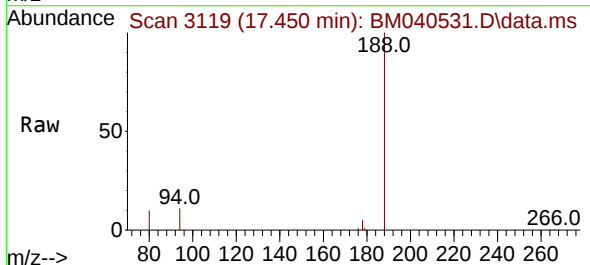
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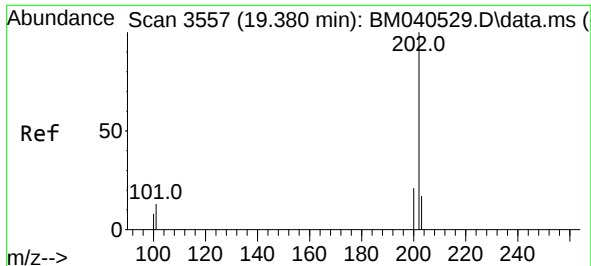
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#16
Anthracene
Concen: 0.052 ng/u1
RT: 17.450 min Scan# 3119
Delta R.T. -0.013 min
Lab File: BM040531.D
Acq: 02 Jul 2023 09:27

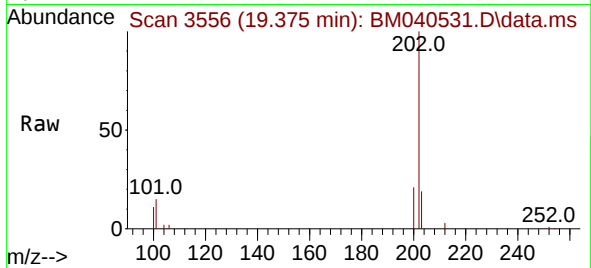
Tgt Ion:178 Resp: 3454
Ion Ratio Lower Upper
178 100
179 27.7 12.9 19.3#
176 24.2 15.8 23.6#





#19
Fluoranthene
Concen: 0.525 ng/ul
RT: 19.375 min Scan# 3557
Delta R.T. -0.009 min
Lab File: BM040531.D
Acq: 02 Jul 2023 09:27

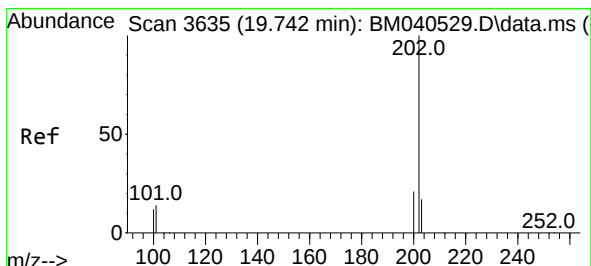
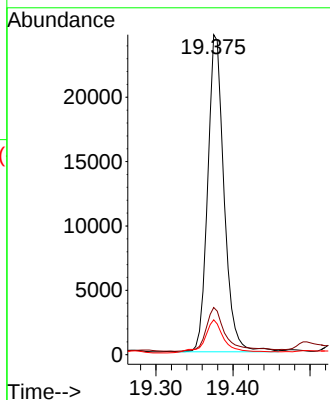
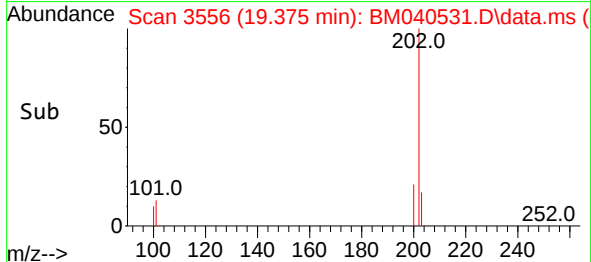
Instrument :
BNA_M
ClientSampleId :
DCGC1



Tgt Ion:202 Resp: 36209
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.0
100 10.9 8.7 13.1

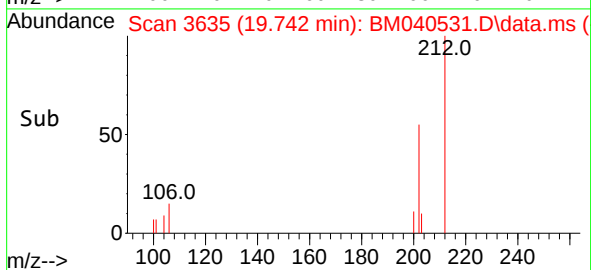
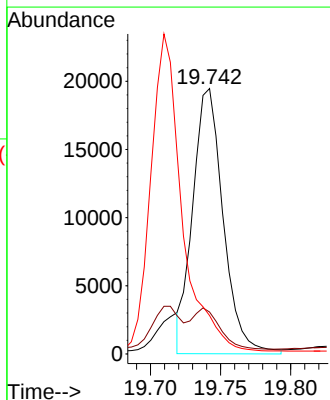
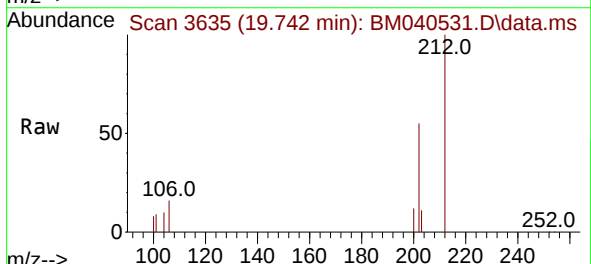
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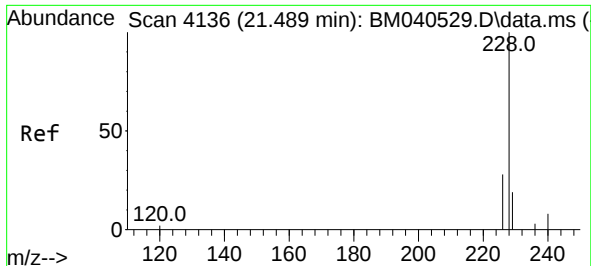
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#20
Pyrene
Concen: 0.399 ng/ul m
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040531.D
Acq: 02 Jul 2023 09:27

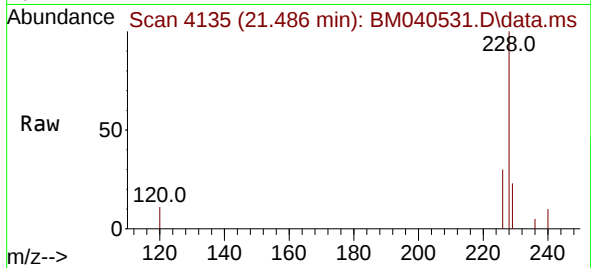
Tgt Ion:202 Resp: 29460
Ion Ratio Lower Upper
202 100
101 15.8 12.6 18.8
100 14.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.321 ng/ul
RT: 21.486 min Scan# 4136
Delta R.T. -0.006 min
Lab File: BM040531.D
Acq: 02 Jul 2023 09:27

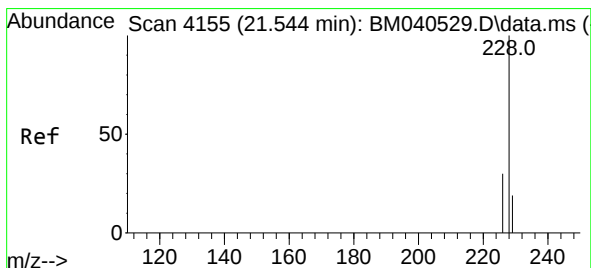
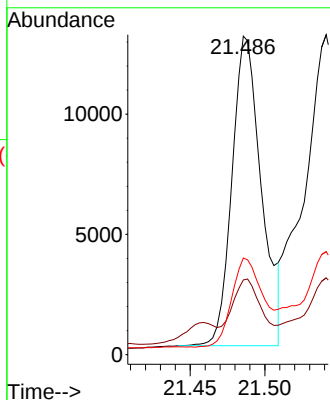
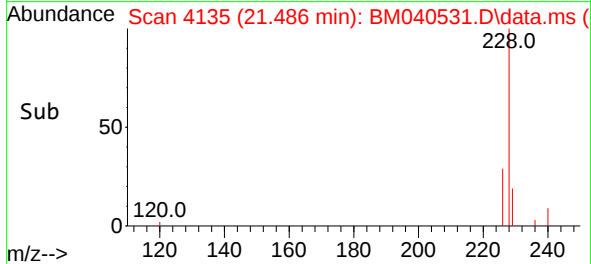
Instrument :
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DCGC1



Tgt Ion:228 Resp: 17600
Ion Ratio Lower Upper
228 100
229 23.5 16.0 24.0
226 30.3 22.3 33.5

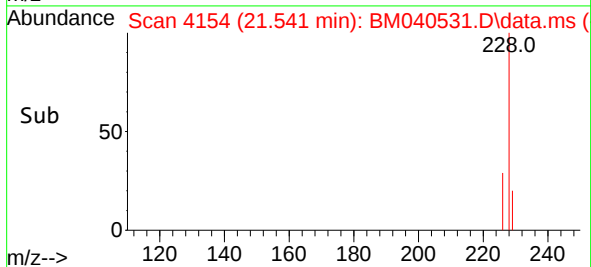
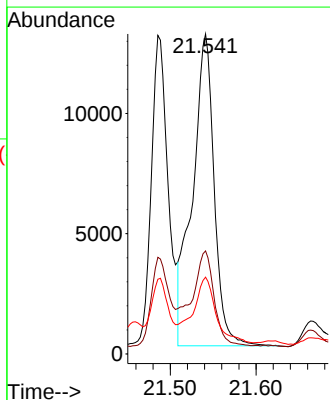
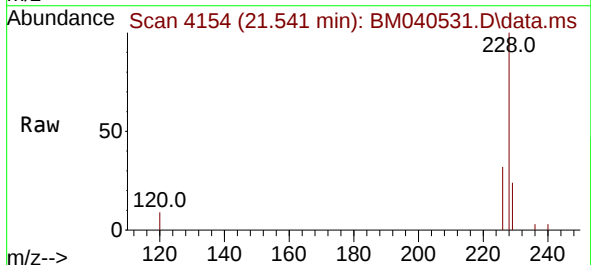
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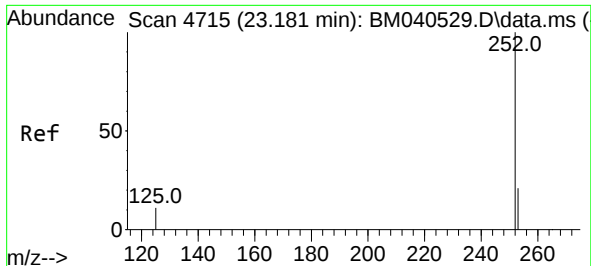
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#22
Chrysene
Concen: 0.364 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040531.D
Acq: 02 Jul 2023 09:27

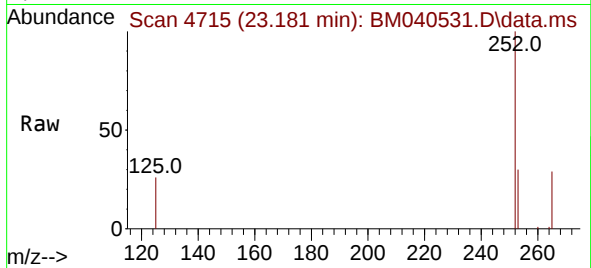
Tgt Ion:228 Resp: 22790
Ion Ratio Lower Upper
228 100
226 32.2 24.9 37.3
229 24.0 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.547 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040531.D
Acq: 02 Jul 2023 09:27

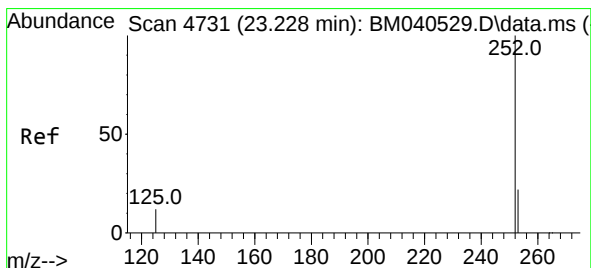
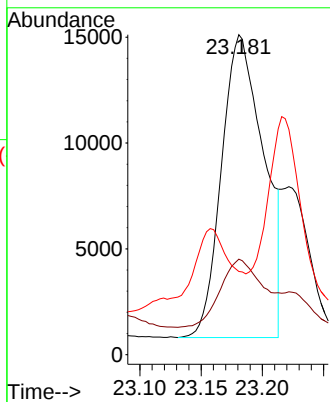
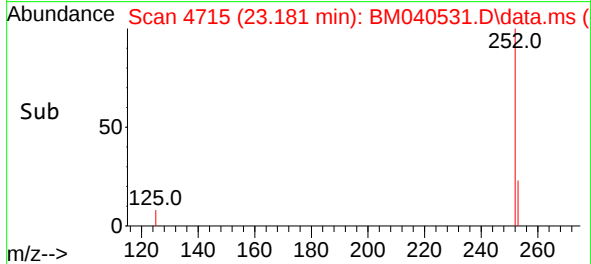
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DCGC1



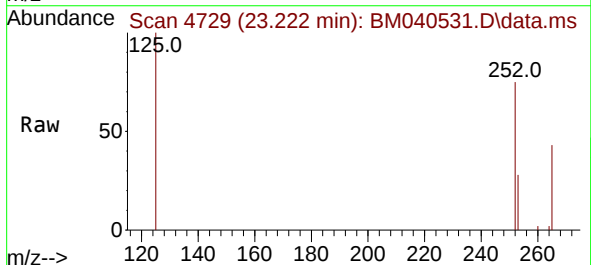
Tgt Ion:252 Resp: 3433
Ion Ratio Lower Upper
252 100
253 29.9 0.0 52.8
125 26.0 0.0 43.0

Manual Integrations
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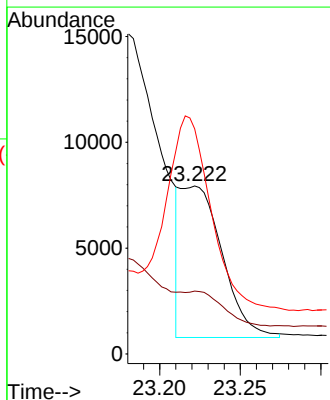
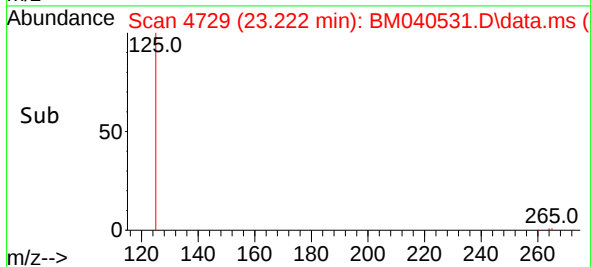
Reviewed By :Yogesh Patel 07/03/2023
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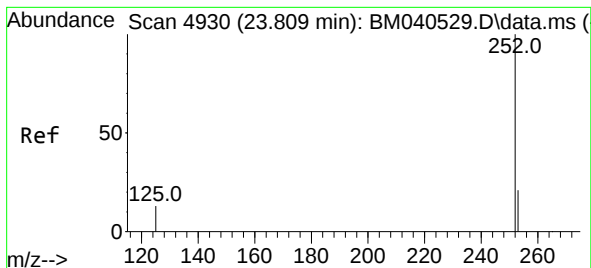


#25
Benzo(k)fluoranthene
Concen: 0.209 ng/ul m
RT: 23.222 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BM040531.D
Acq: 02 Jul 2023 09:27



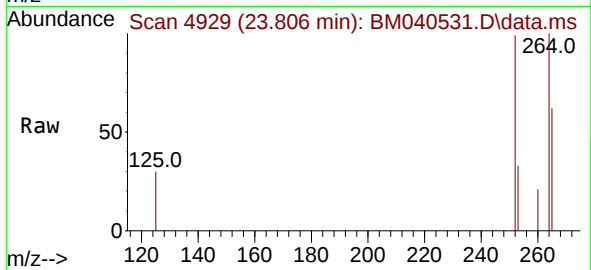
Tgt Ion:252 Resp: 12951
Ion Ratio Lower Upper
252 100
253 37.5 21.2 31.8#
125 134.1 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.806 min Scan# 4930
Delta R.T. -0.006 min
Lab File: BM040531.D
Acq: 02 Jul 2023 09:27

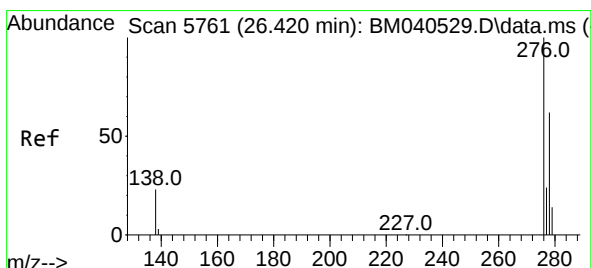
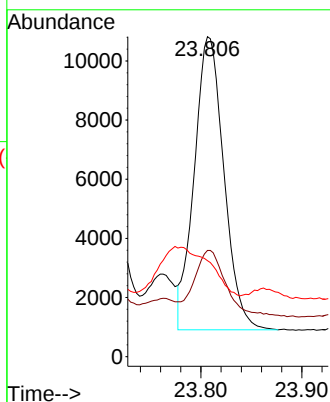
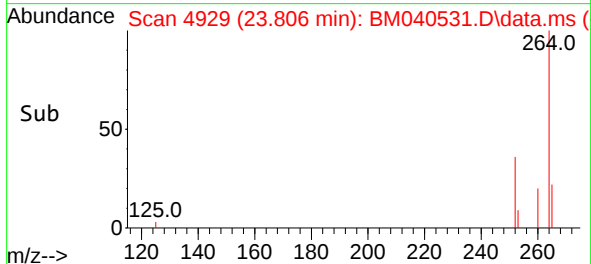
Instrument :
BNA_M
ClientSampleId :
DCGC1



Tgt Ion:252 Resp: 2023
Ion Ratio Lower Upper
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253 33.2 22.9 34.3
125 30.0 21.0 31.4

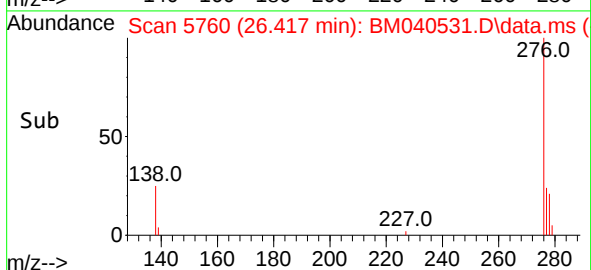
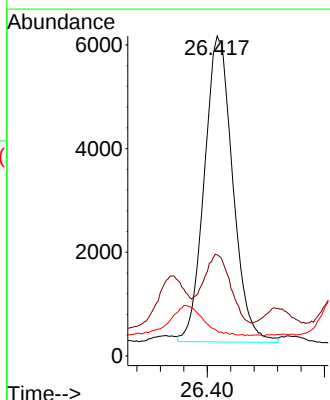
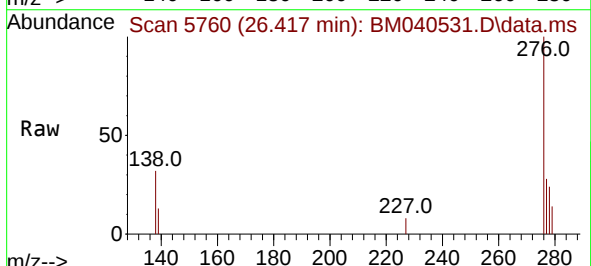
Manual Integrations
APPROVED

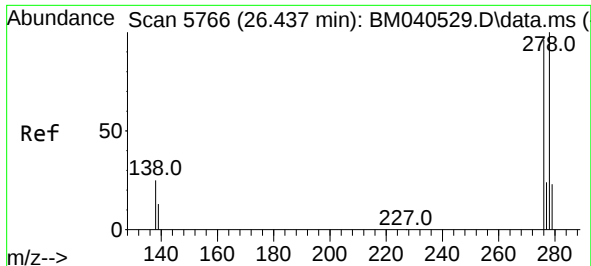
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng/ul
RT: 26.417 min Scan# 5760
Delta R.T. -0.003 min
Lab File: BM040531.D
Acq: 02 Jul 2023 09:27

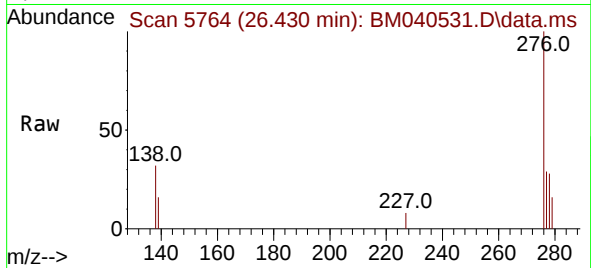
Tgt Ion:276 Resp: 19870
Ion Ratio Lower Upper
276 100
138 21.8 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.079 ng/ul
RT: 26.430 min Scan# 5766
Delta R.T. -0.007 min
Lab File: BM040531.D
Acq: 02 Jul 2023 09:27

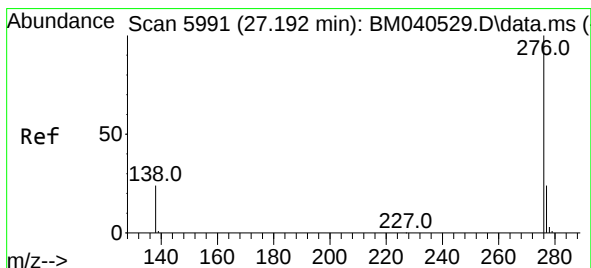
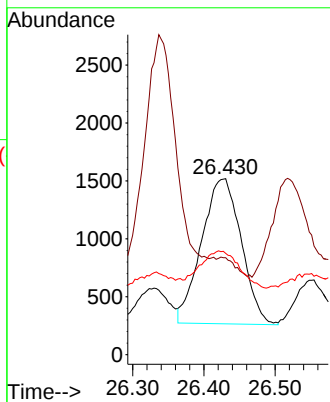
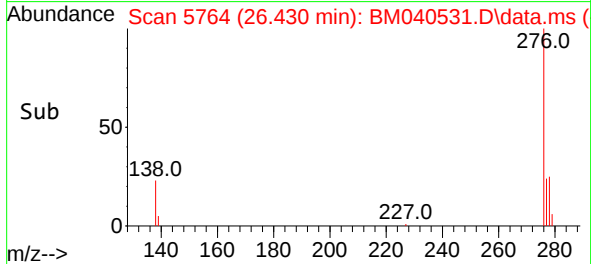
Instrument :
BNA_M
ClientSampleId :
DCGC1



Tgt Ion:278 Resp: 4850
Ion Ratio Lower Upper
278 100
139 55.1 17.9 26.9
279 57.6 22.0 33.0

Manual Integrations
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Supervised By :mohammad ahmed 07/03/2023



#29
Benzo(g,h,i)perylene
Concen: 0.287 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040531.D
Acq: 02 Jul 2023 09:27

Tgt Ion:276 Resp: 19827
Ion Ratio Lower Upper
276 100
138 37.2 23.0 34.6
277 27.6 20.3 30.5

