

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040598.D
 Acq On : 04 Jul 2023 05:24
 Operator : MA/JU
 Sample : 03242-09DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGC9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 04 06:30:59 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 : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	6657	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	24217	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.563	164	11012	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	20991	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	12172	0.400	ng/ul	0.00
23) Perylene-d12	23.903	264	12273	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	6516	0.623	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	1591	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	2137	0.055	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.286	152	1190	0.024	ng/ul#	71
15) Phenanthrene	17.353	178	6937	0.106	ng/ul	95
19) Fluoranthene	19.370	202	18871	0.365	ng/ul	98
20) Pyrene	19.733	202	16470	0.297	ng/ul	97
21) Benzo(a)anthracene	21.480	228	8710	0.212	ng/ul#	92
22) Chrysene	21.532	228	8571	0.182	ng/ul#	94
24) Benzo(b)fluoranthene	23.172	252	15095	0.318	ng/ul	84
25) Benzo(k)fluoranthene	23.207	252	4939m	0.106	ng/ul	
26) Benzo(a)pyrene	23.795	252	9037	0.211	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.397	276	8733	0.147	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.407	278	2018	0.043	ng/ul#	22
29) Benzo(g,h,i)perylene	27.168	276	8384	0.161	ng/ul#	89

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

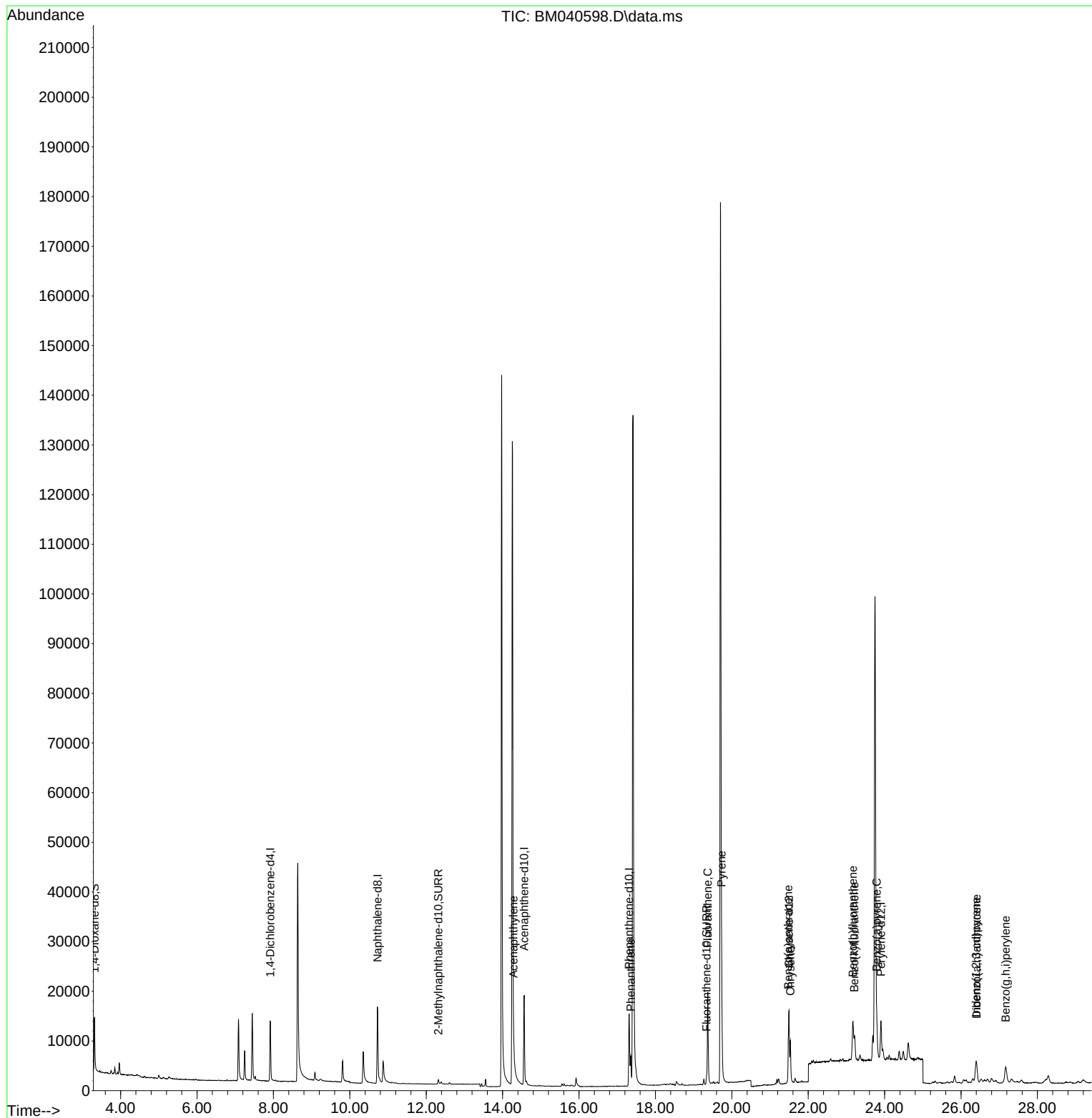
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040598.D
Acq On : 04 Jul 2023 05:24
Operator : MA/JU
Sample : 03242-09DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

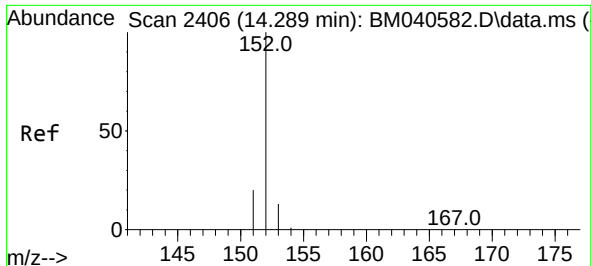
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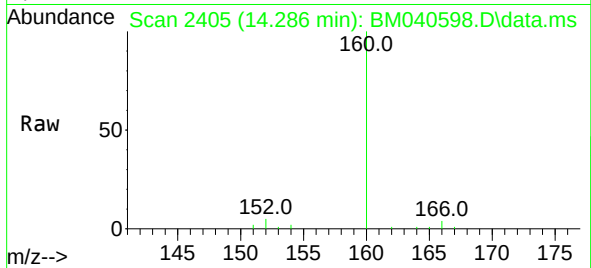
Quant Time: Jul 04 06:30:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.286 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BM040598.D
Acq: 04 Jul 2023 05:24

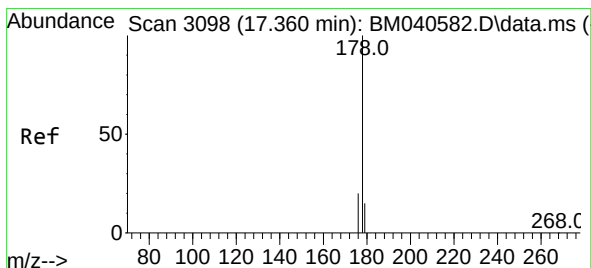
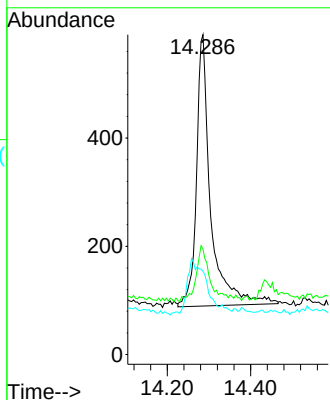
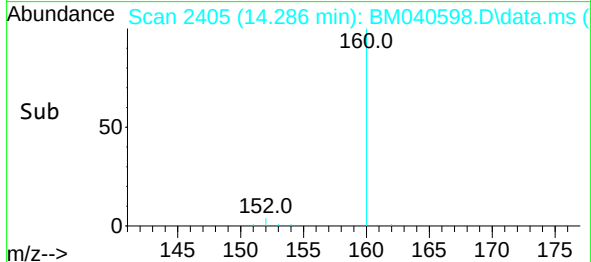
Instrument :
BNA_M
ClientSampleId :
DCGC9DL



Tgt Ion:152 Resp: 1190
Ion Ratio Lower Upper
152 100
151 33.0 16.2 24.2
153 26.1 10.9 16.3

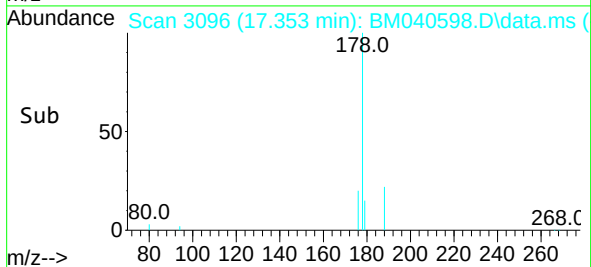
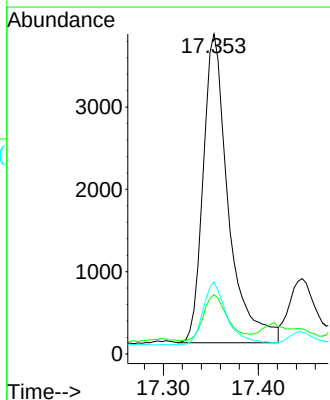
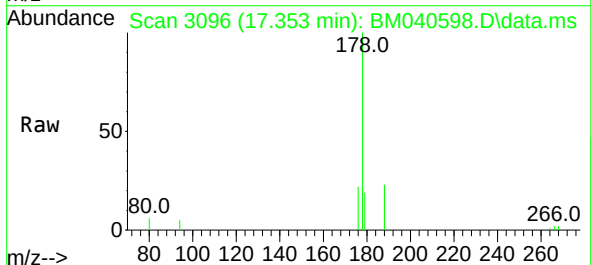
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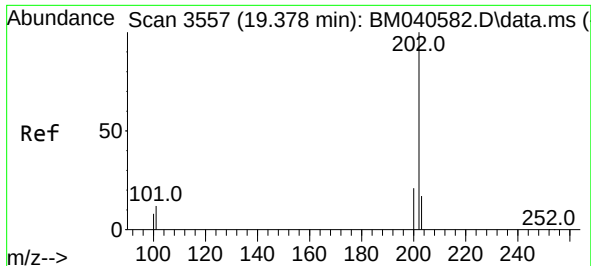
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#15
Phenanthrene
Concen: 0.106 ng/ul
RT: 17.353 min Scan# 3096
Delta R.T. -0.009 min
Lab File: BM040598.D
Acq: 04 Jul 2023 05:24

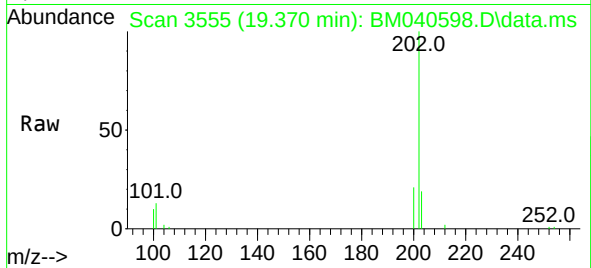
Tgt Ion:178 Resp: 6937
Ion Ratio Lower Upper
178 100
179 18.6 12.8 19.2
176 22.5 16.4 24.6





#19
Fluoranthene
Concen: 0.365 ng/u1
RT: 19.370 min Scan# 3555
Delta R.T. -0.009 min
Lab File: BM040598.D
Acq: 04 Jul 2023 05:24

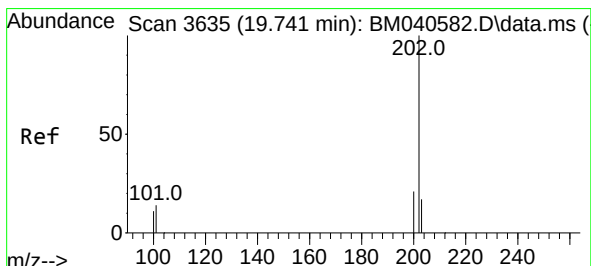
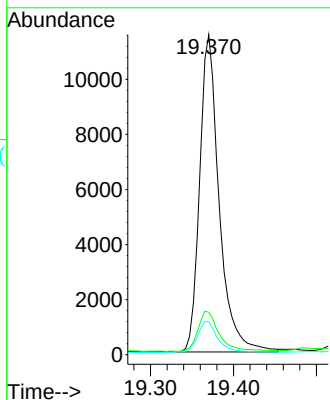
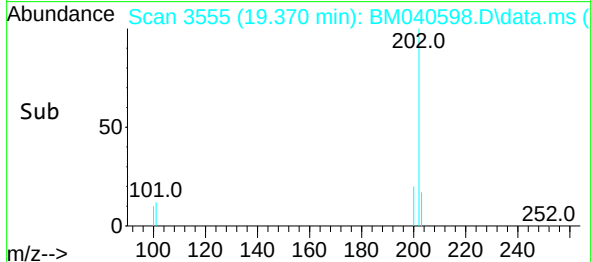
Instrument :
BNA_M
ClientSampleId :
DCGC9DL



Tgt Ion:202 Resp: 1887
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.3 8.7 13.1

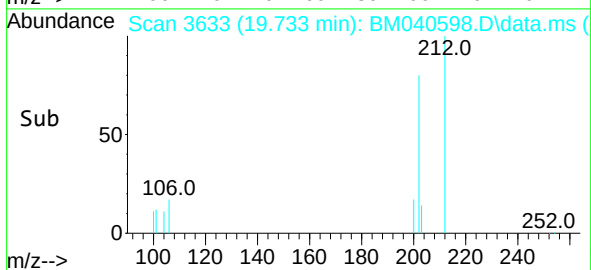
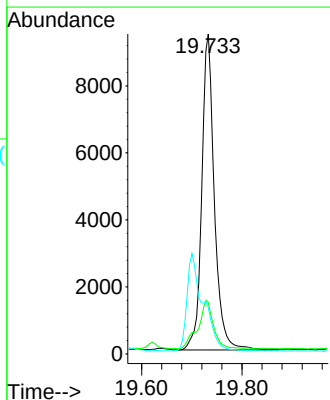
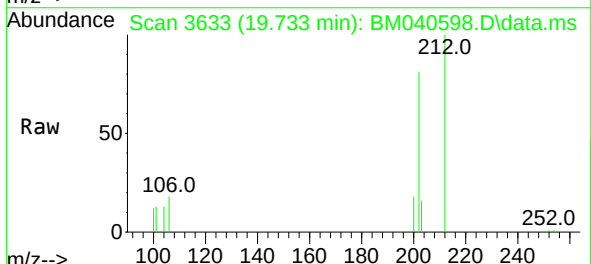
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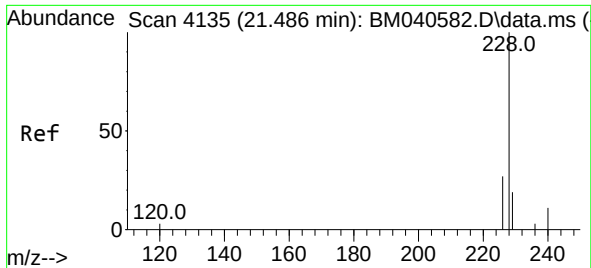
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#20
Pyrene
Concen: 0.297 ng/u1
RT: 19.733 min Scan# 3633
Delta R.T. -0.009 min
Lab File: BM040598.D
Acq: 04 Jul 2023 05:24

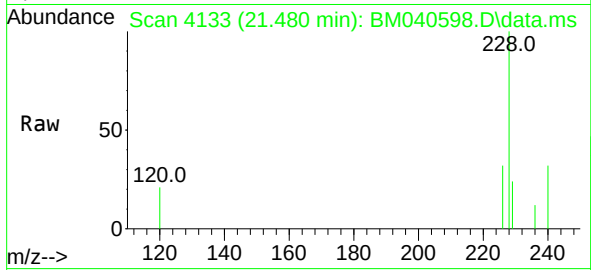
Tgt Ion:202 Resp: 16470
Ion Ratio Lower Upper
202 100
101 16.1 12.6 18.8
100 14.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.212 ng/ul
RT: 21.480 min Scan# 4113
Delta R.T. -0.009 min
Lab File: BM040598.D
Acq: 04 Jul 2023 05:24

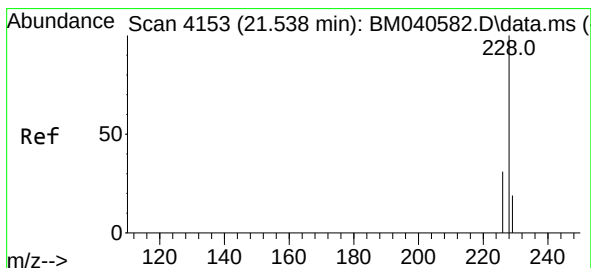
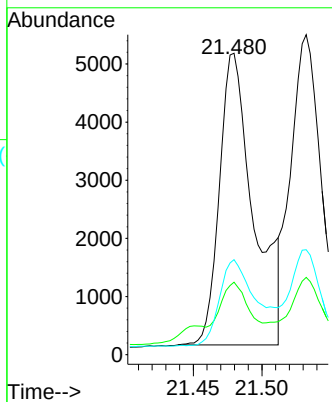
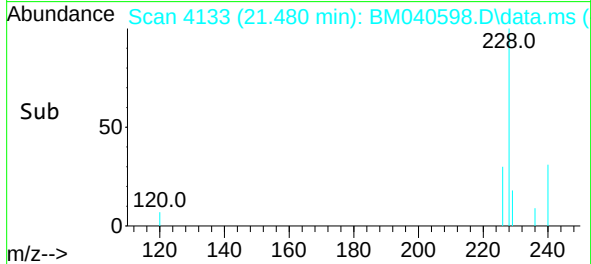
Instrument :
BNA_M
ClientSampleId :
DCGC9DL



Tgt Ion:228 Resp: 8710
Ion Ratio Lower Upper
228 100
229 24.1 16.0 24.0
226 31.5 22.3 33.5

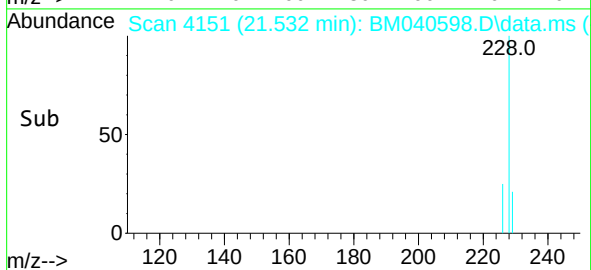
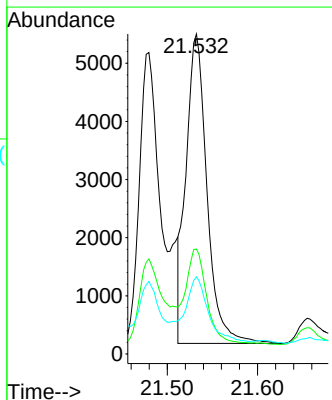
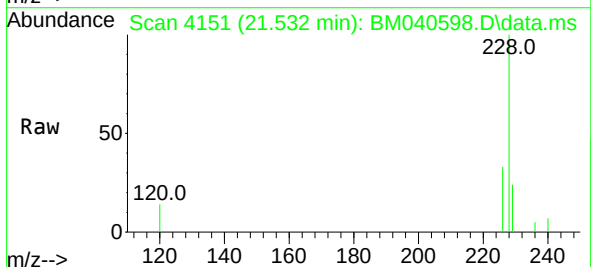
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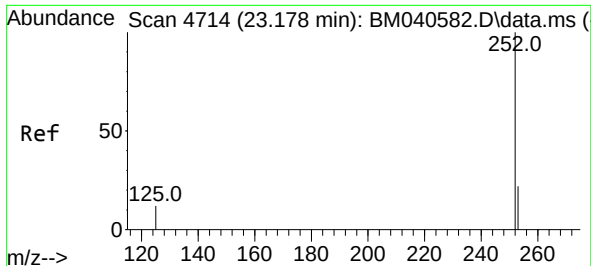
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 0.182 ng/ul
RT: 21.532 min Scan# 4151
Delta R.T. -0.009 min
Lab File: BM040598.D
Acq: 04 Jul 2023 05:24

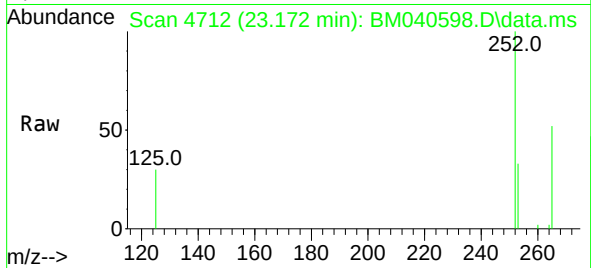
Tgt Ion:228 Resp: 8571
Ion Ratio Lower Upper
228 100
226 32.8 24.9 37.3
229 24.1 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.318 ng/ul
RT: 23.172 min Scan# 4712
Delta R.T. -0.009 min
Lab File: BM040598.D
Acq: 04 Jul 2023 05:24

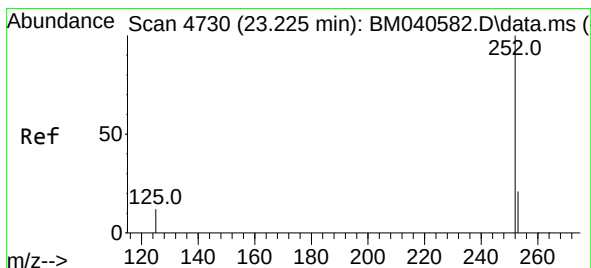
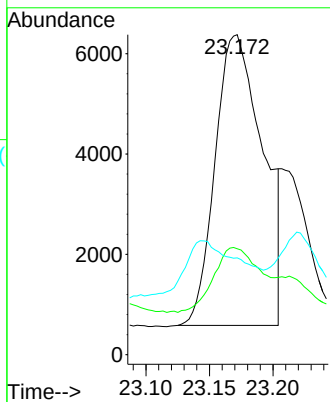
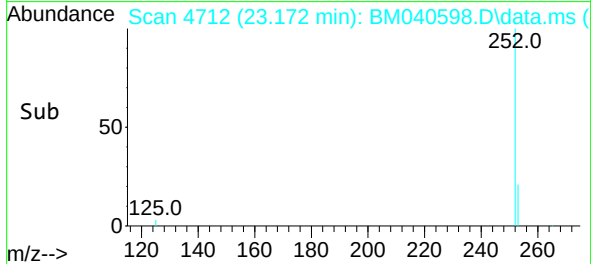
Instrument :
BNA_M
ClientSampleId :
DCGC9DL



Tgt Ion:252 Resp: 1509
Ion Ratio Lower Upper
252 100
253 33.1 0.0 52.8
125 30.3 0.0 43.0

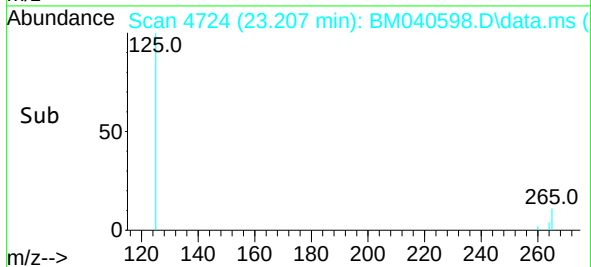
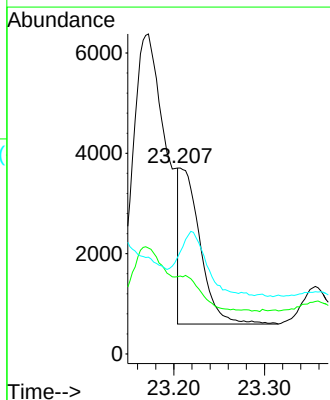
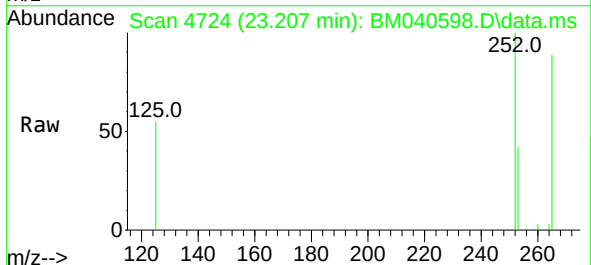
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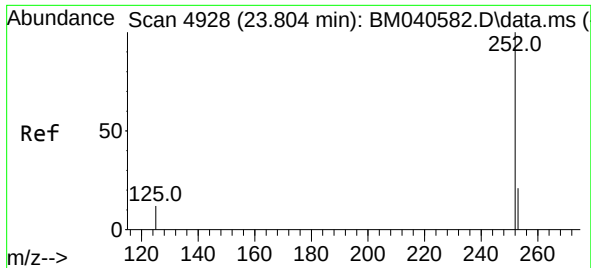
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.106 ng/ul m
RT: 23.207 min Scan# 4724
Delta R.T. -0.018 min
Lab File: BM040598.D
Acq: 04 Jul 2023 05:24

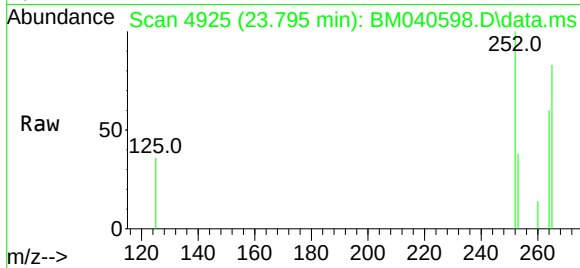
Tgt Ion:252 Resp: 4939
Ion Ratio Lower Upper
252 100
253 41.9 21.2 31.8#
125 55.0 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.211 ng/ul
RT: 23.795 min Scan# 4925
Delta R.T. -0.009 min
Lab File: BM040598.D
Acq: 04 Jul 2023 05:24

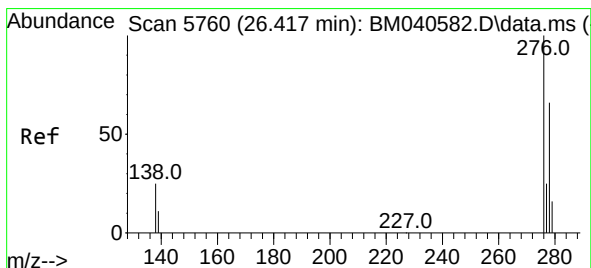
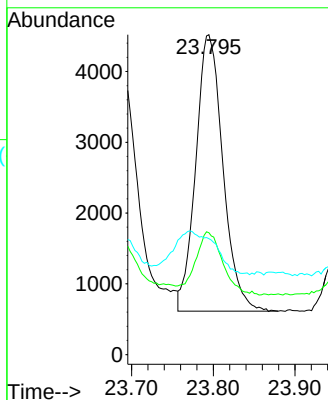
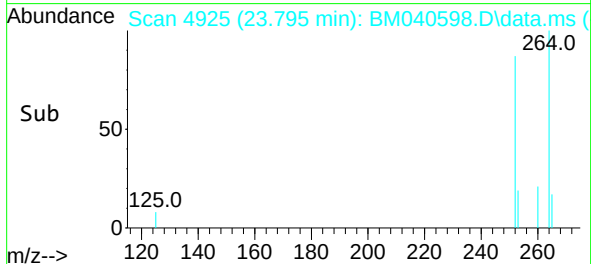
Instrument :
BNA_M
ClientSampleId :
DCGC9DL



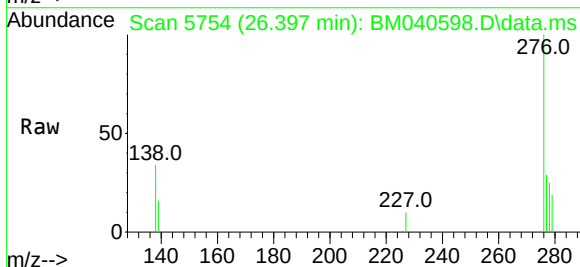
Tgt Ion:252 Resp: 903
Ion Ratio Lower Upper
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253 38.1 22.9 34.3#
125 36.2 21.0 31.4#

Manual Integrations
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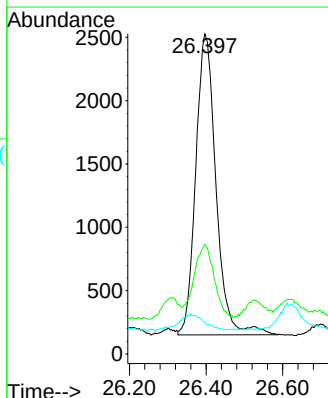
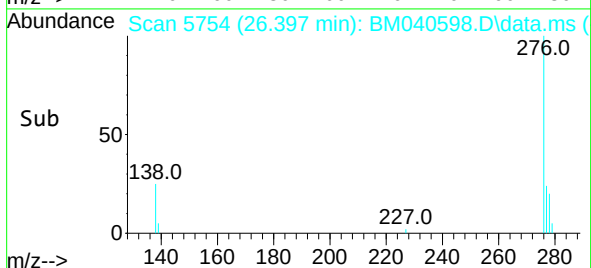
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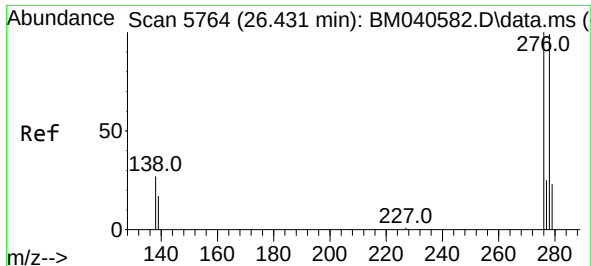


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.147 ng/ul
RT: 26.397 min Scan# 5754
Delta R.T. -0.020 min
Lab File: BM040598.D
Acq: 04 Jul 2023 05:24



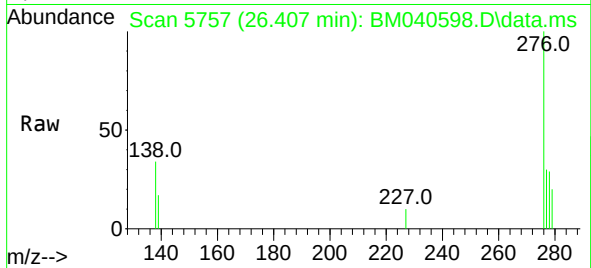
Tgt Ion:276 Resp: 8733
Ion Ratio Lower Upper
276 100
138 23.6 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 26.407 min Scan# 518
Delta R.T. -0.024 min
Lab File: BM040598.D
Acq: 04 Jul 2023 05:24

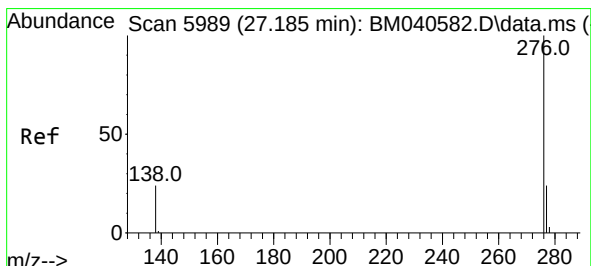
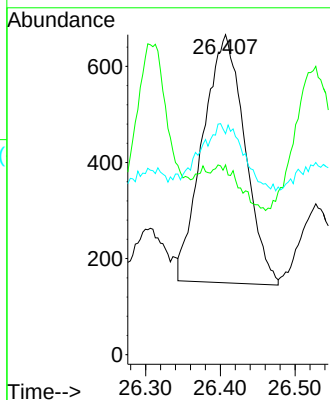
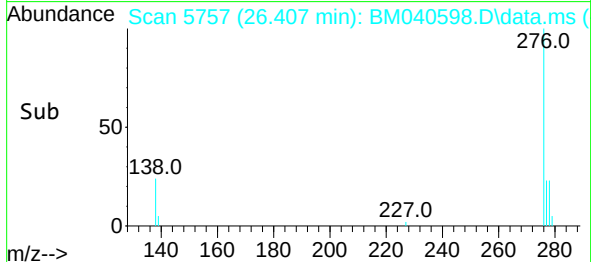
Instrument :
BNA_M
ClientSampleId :
DCGC9DL



Tgt Ion:278 Resp: 2018
Ion Ratio Lower Upper
278 100
139 59.3 17.9 26.9
279 69.1 22.0 33.0

Manual Integrations
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Supervised By :Sohil Jodhani 07/04/2023



#29
Benzo(g,h,i)perylene
Concen: 0.161 ng/ul
RT: 27.168 min Scan# 5984
Delta R.T. -0.014 min
Lab File: BM040598.D
Acq: 04 Jul 2023 05:24

Tgt Ion:276 Resp: 8384
Ion Ratio Lower Upper
276 100
138 36.3 23.0 34.6
277 29.6 20.3 30.5

