

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040511.D
 Acq On : 01 Jul 2023 19:51
 Operator : MA/JU
 Sample : 03242-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGB3

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 23:48:57 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	7.932	152	6641	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	24193	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.573	164	13447	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	26906	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	18274	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	17859	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	37431	3.588	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	9179	0.271	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	17092	0.292	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.295	152	1398	0.023	ng/ul#	67
15) Phenanthrene	17.362	178	22842	0.273	ng/ul	99
16) Anthracene	17.451	178	1477	0.021	ng/ul#	73
19) Fluoranthene	19.380	202	58797	0.757	ng/ul	96
20) Pyrene	19.742	202	47444m	0.570	ng/ul	
21) Benzo(a)anthracene	21.486	228	18199	0.294	ng/ul	95
22) Chrysene	21.541	228	27616	0.392	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	38375	0.555	ng/ul	93
25) Benzo(k)fluoranthene	23.222	252	12608m	0.185	ng/ul	
26) Benzo(a)pyrene	23.806	252	21340	0.343	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.417	276	19202	0.221	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.427	278	4296	0.063	ng/ul#	50
29) Benzo(g,h,i)perylene	27.185	276	18058	0.238	ng/ul	97

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

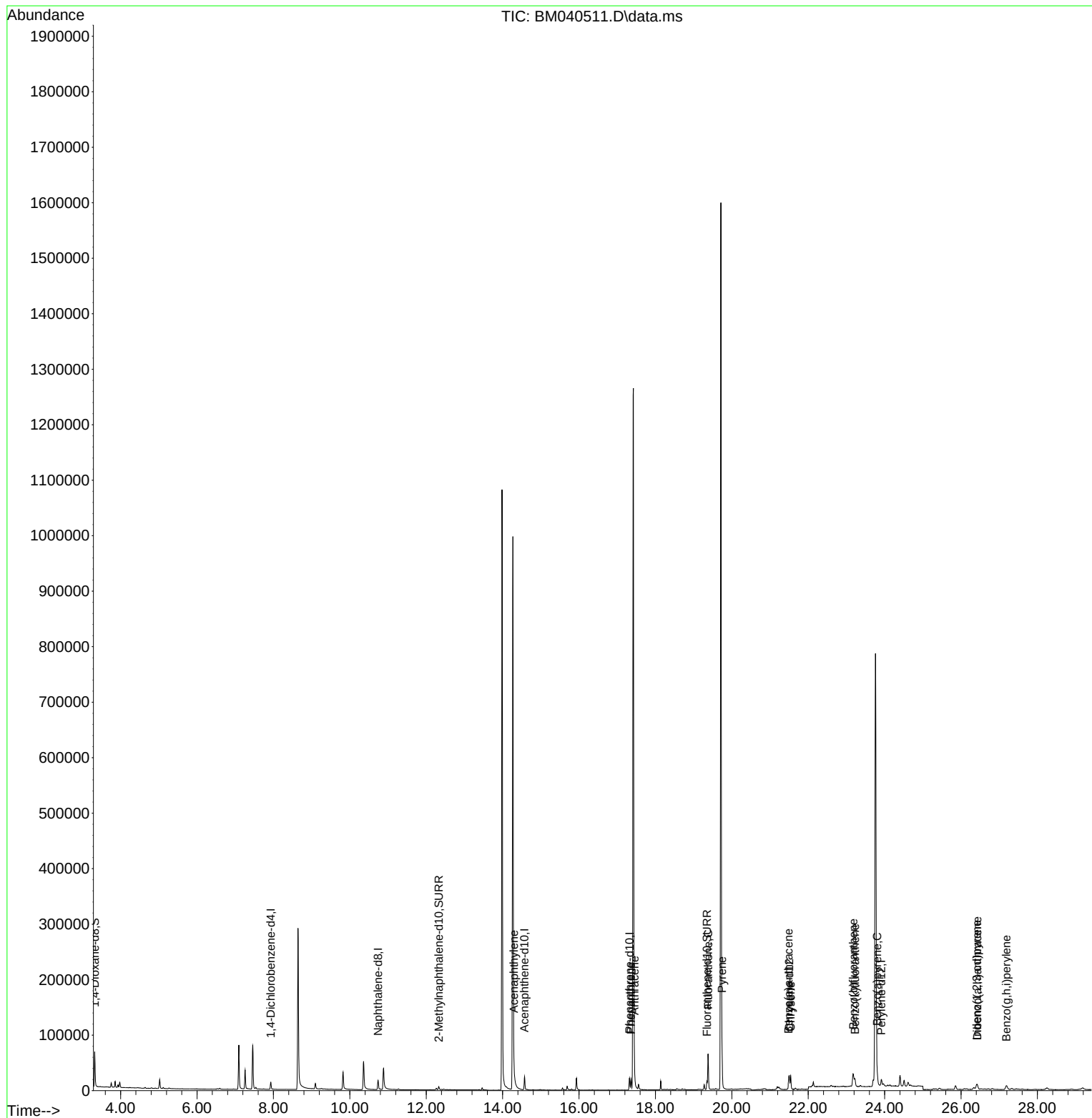
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040511.D
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ALS Vial : 17 Sample Multiplier: 1

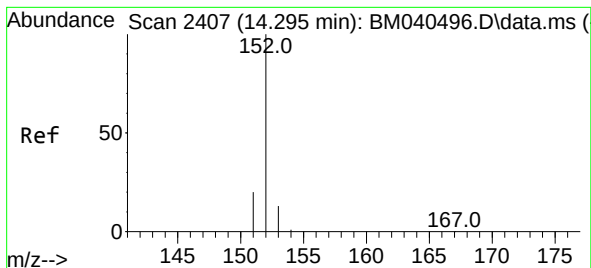
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#10

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.295 min Scan# 2407

Delta R.T. -0.004 min

Lab File: BM040511.D

Acq: 01 Jul 2023 19:51

Instrument :

BNA_M

ClientSampleId :

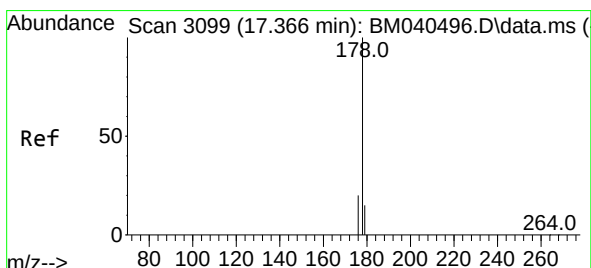
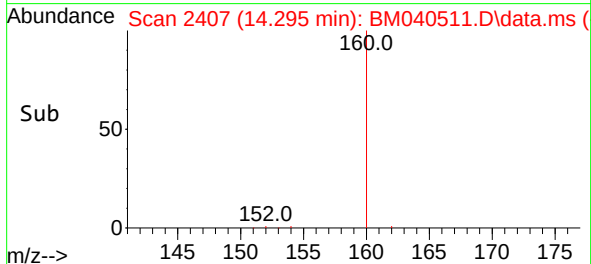
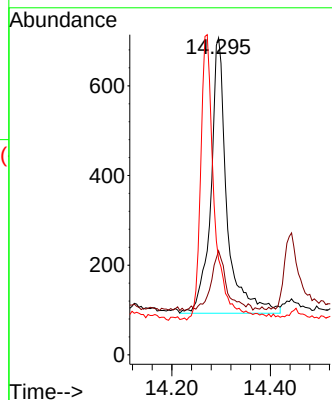
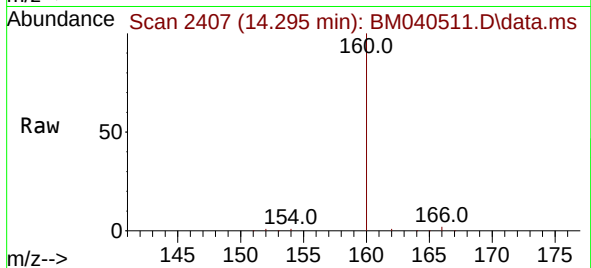
DCGB3

Tgt Ion:	152	Resp:	1398
Ion Ratio	Lower	Upper	
152	100		
151	32.8	16.2	24.2
153	30.1	10.9	16.3

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#15

Phenanthrene

Concen: 0.273 ng/ul

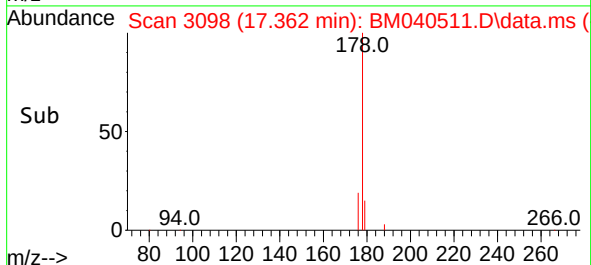
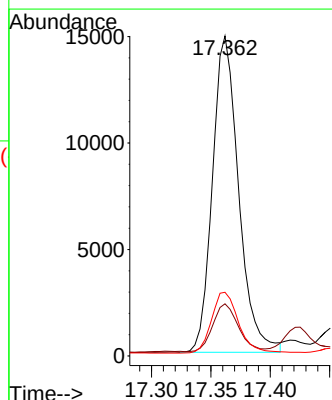
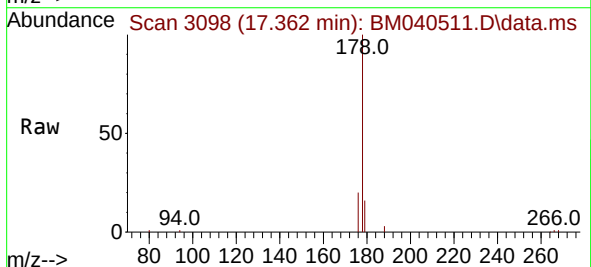
RT: 17.362 min Scan# 3098

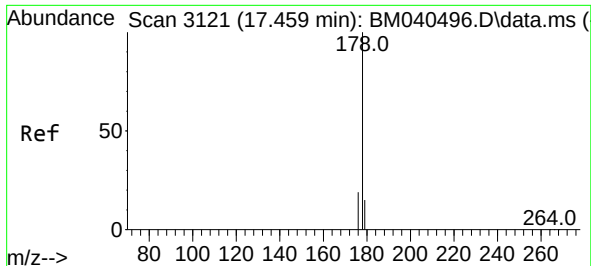
Delta R.T. -0.008 min

Lab File: BM040511.D

Acq: 01 Jul 2023 19:51

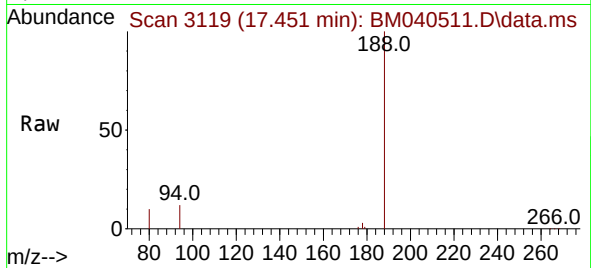
Tgt Ion:	178	Resp:	22842
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.8	19.2
176	19.9	16.4	24.6





#16
 Anthracene
 Concen: 0.021 ng/ul
 RT: 17.451 min Scan# 3119
 Delta R.T. -0.012 min
 Lab File: BM040511.D
 Acq: 01 Jul 2023 19:51

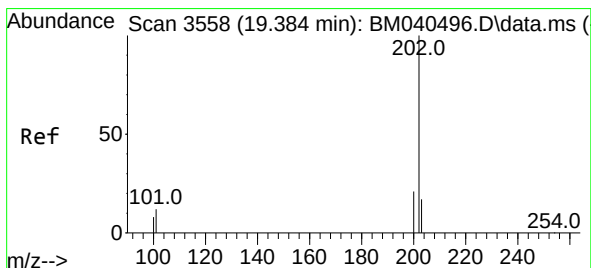
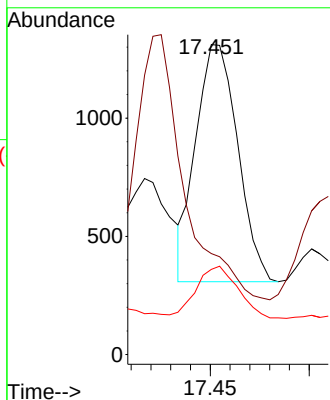
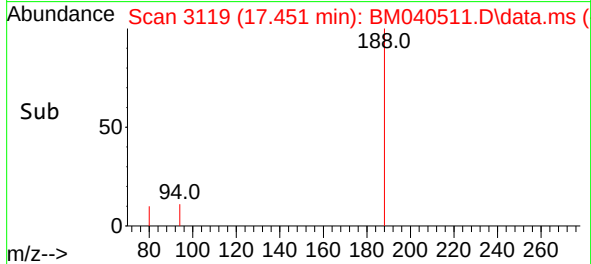
Instrument :
 BNA_M
 ClientSampleId :
 DCGB3



Tgt Ion:178 Resp: 147
 Ion Ratio Lower Upper
 178 100
 179 32.6 12.9 19.3
 176 27.5 15.8 23.6

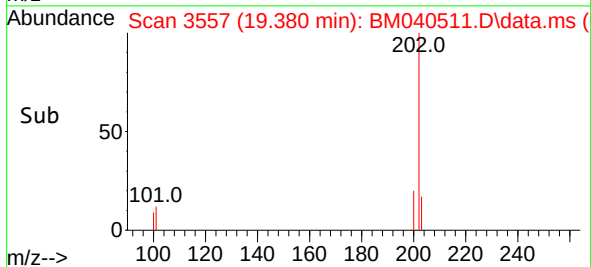
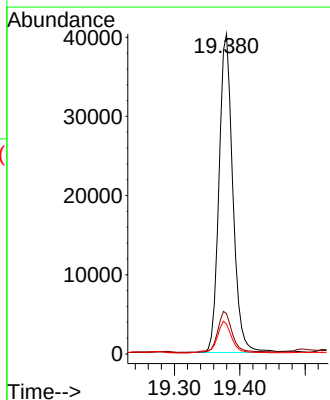
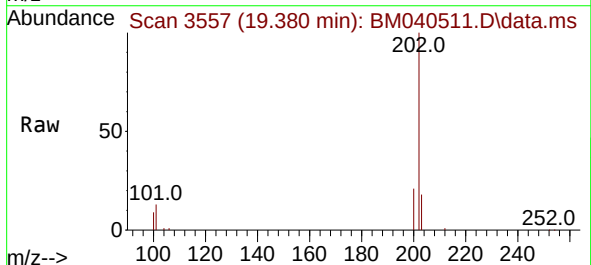
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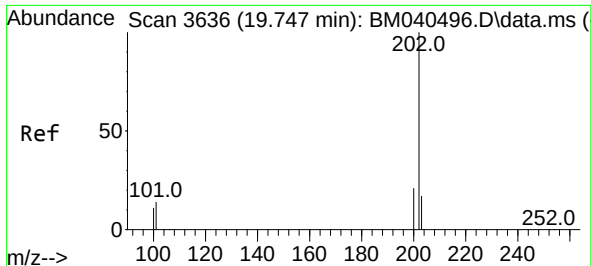
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023



#19
 Fluoranthene
 Concen: 0.757 ng/ul
 RT: 19.380 min Scan# 3557
 Delta R.T. -0.004 min
 Lab File: BM040511.D
 Acq: 01 Jul 2023 19:51

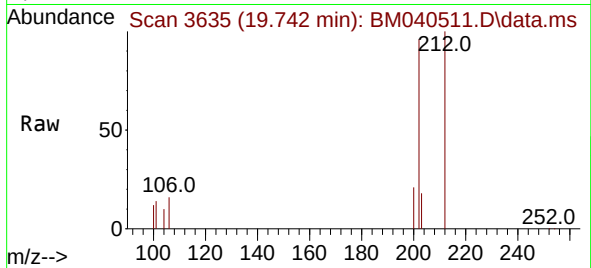
Tgt Ion:202 Resp: 58797
 Ion Ratio Lower Upper
 202 100
 101 12.6 11.4 17.0
 100 9.4 8.7 13.1





#20
Pyrene
Concen: 0.570 ng/ul m
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040511.D
Acq: 01 Jul 2023 19:51

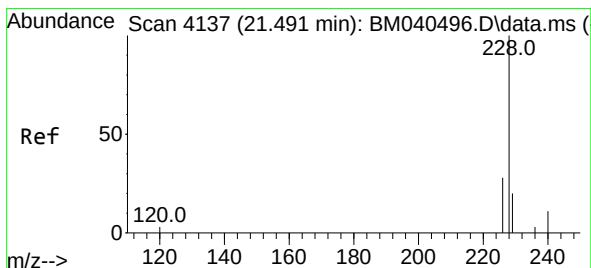
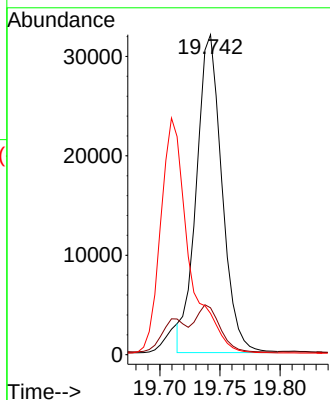
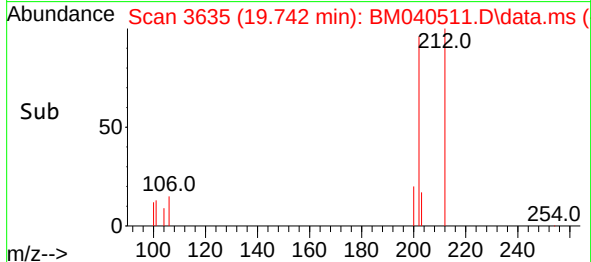
Instrument :
BNA_M
ClientSampleId :
DCGB3



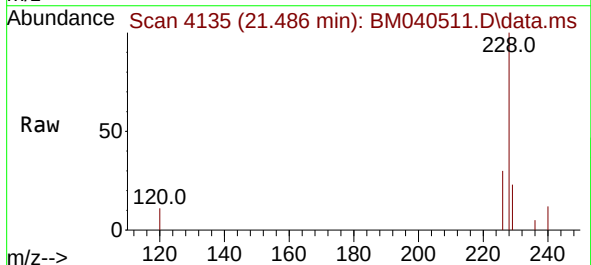
Tgt Ion:202 Resp: 4744
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 12.9 9.8 14.6

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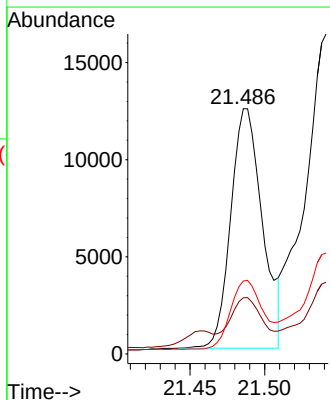
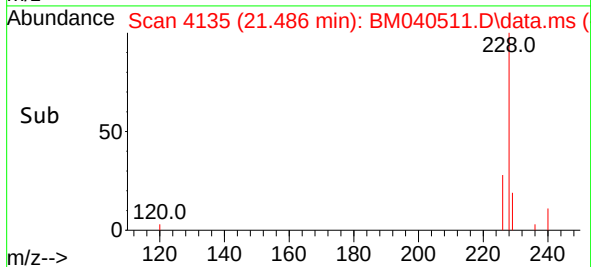
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

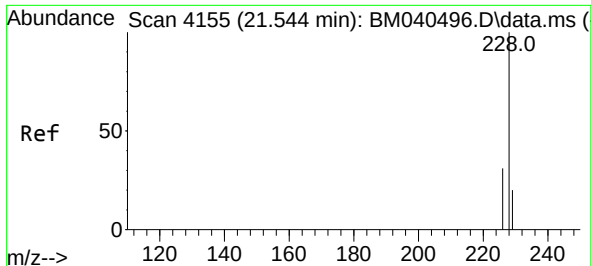


#21
Benzo(a)anthracene
Concen: 0.294 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040511.D
Acq: 01 Jul 2023 19:51



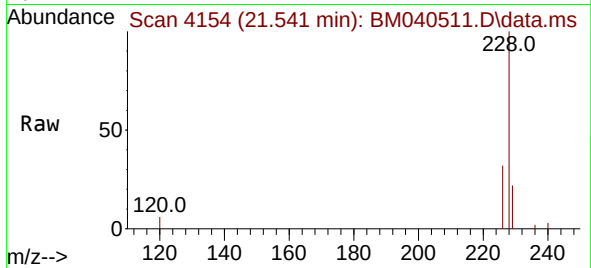
Tgt Ion:228 Resp: 18199
Ion Ratio Lower Upper
228 100
229 22.9 16.0 24.0
226 29.7 22.3 33.5





#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.541 min Scan# 4155
Delta R.T. -0.003 min
Lab File: BM040511.D
Acq: 01 Jul 2023 19:51

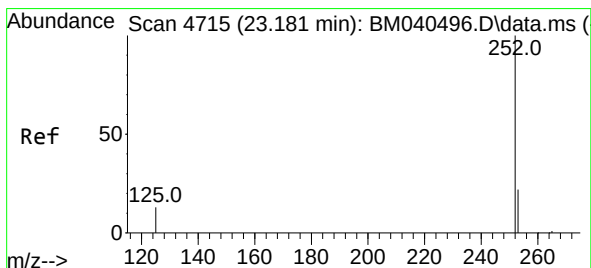
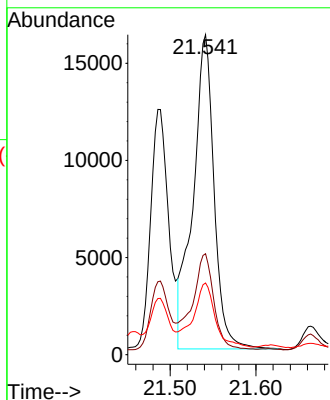
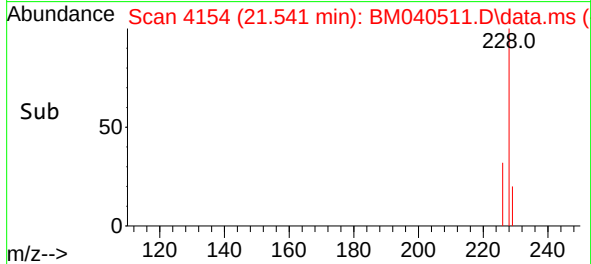
Instrument :
BNA_M
ClientSampleId :
DCGB3



Tgt Ion:228 Resp: 27610
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 22.4 15.8 23.6

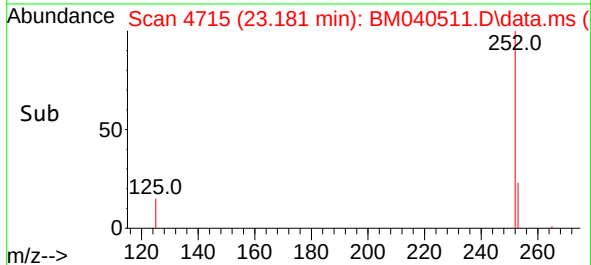
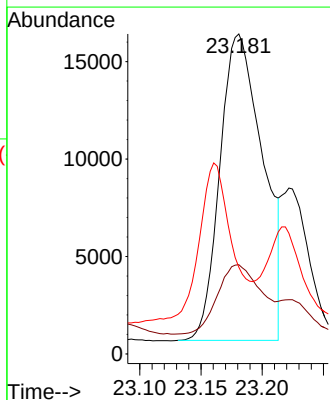
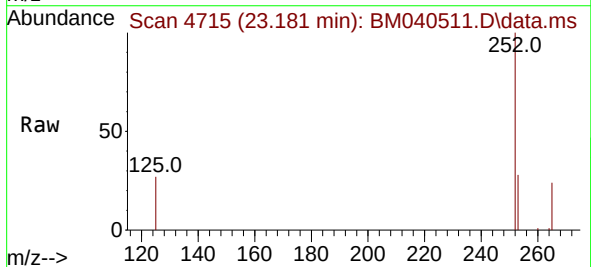
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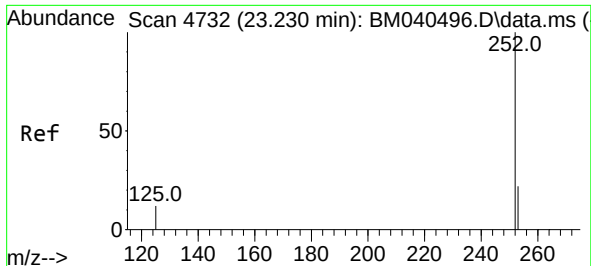
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#24
Benzo(b)fluoranthene
Concen: 0.555 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040511.D
Acq: 01 Jul 2023 19:51

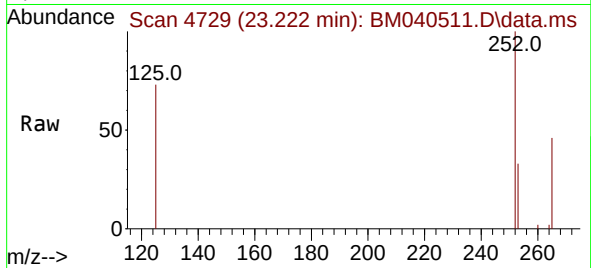
Tgt Ion:252 Resp: 38375
Ion Ratio Lower Upper
252 100
253 27.9 0.0 52.8
125 27.1 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.185 ng/ul m
RT: 23.222 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BM040511.D
Acq: 01 Jul 2023 19:51

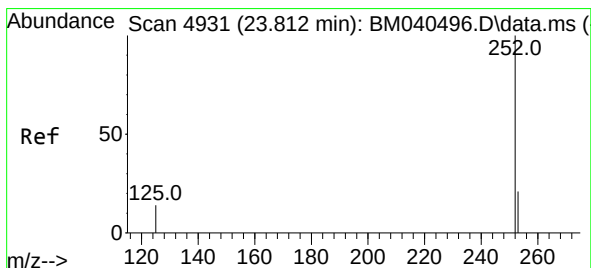
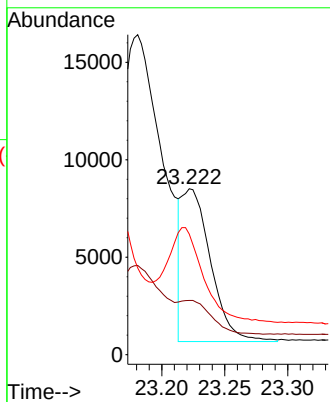
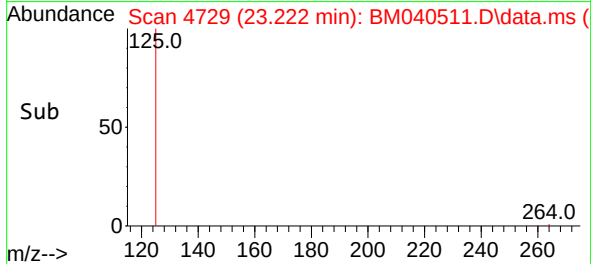
Instrument :
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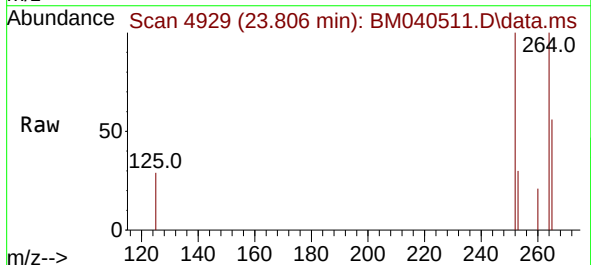
Tgt Ion:252 Resp: 12608
Ion Ratio Lower Upper
252 100
253 32.7 21.2 31.8
125 72.7 16.4 24.6

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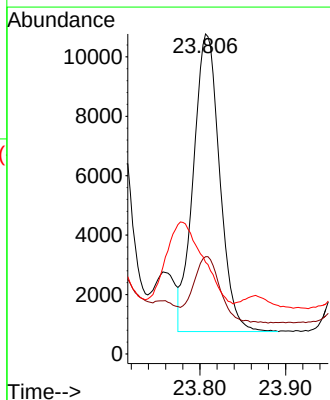
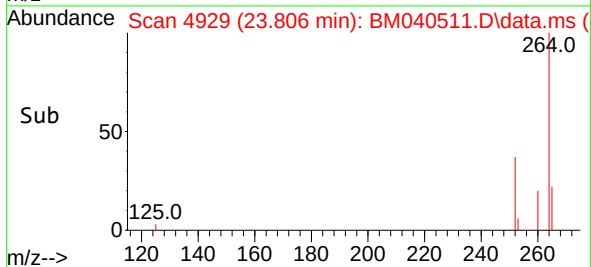
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

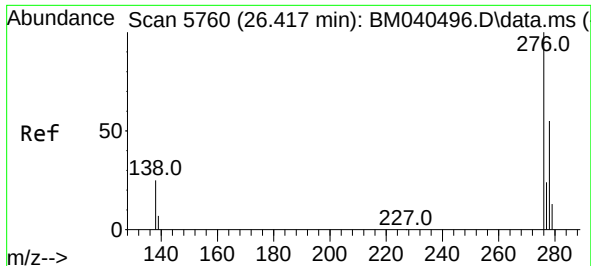


#26
Benzo(a)pyrene
Concen: 0.343 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. -0.006 min
Lab File: BM040511.D
Acq: 01 Jul 2023 19:51



Tgt Ion:252 Resp: 21340
Ion Ratio Lower Upper
252 100
253 30.4 22.9 34.3
125 28.7 21.0 31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.221 ng/ul

RT: 26.417 min Scan# 51

Delta R.T. -0.003 min

Lab File: BM040511.D

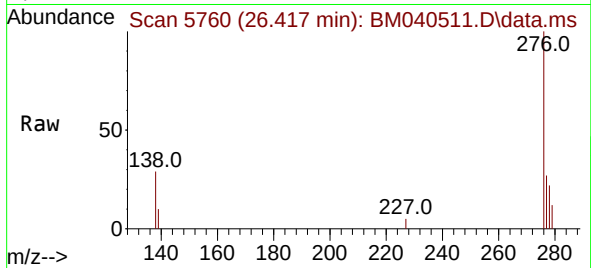
Acq: 01 Jul 2023 19:51

Instrument :

BNA_M

ClientSampleId :

DCGB3



Tgt Ion:276 Resp: 1920

Ion Ratio Lower Upper

276 100

138 19.6 24.5 36.7

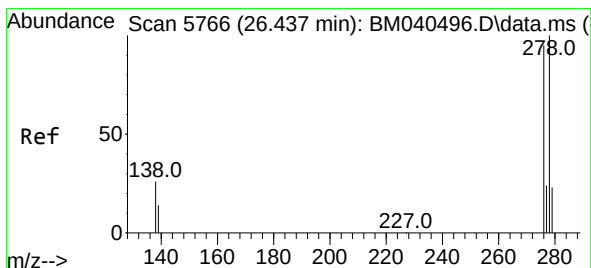
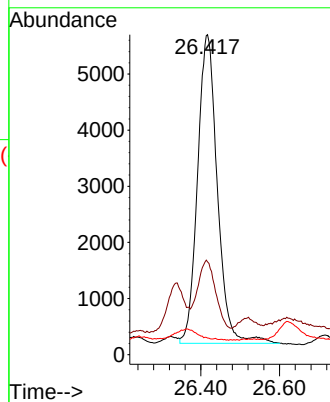
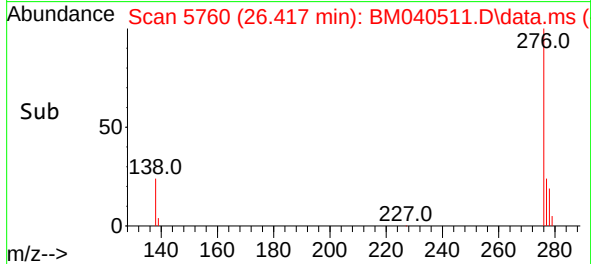
227 0.0 0.1 0.1

Manual Integrations

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Supervised By :Sohil Jodhani 07/02/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.063 ng/ul

RT: 26.427 min Scan# 5763

Delta R.T. -0.010 min

Lab File: BM040511.D

Acq: 01 Jul 2023 19:51

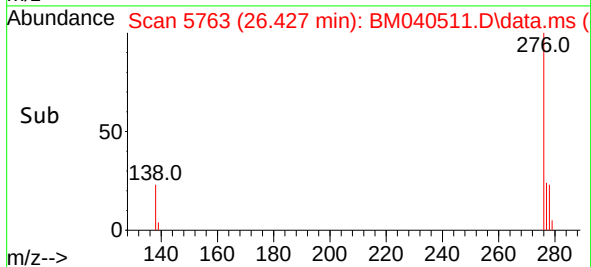
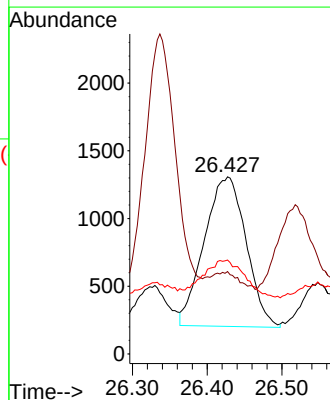
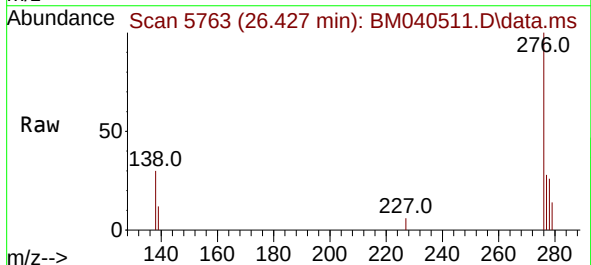
Tgt Ion:278 Resp: 4296

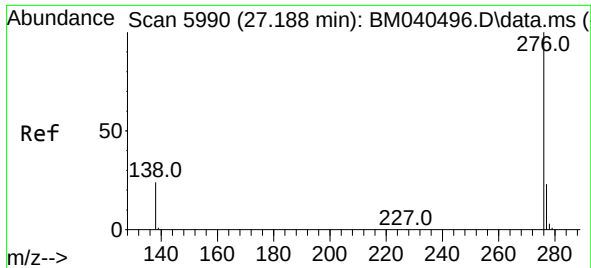
Ion Ratio Lower Upper

278 100

139 46.5 17.9 26.9#

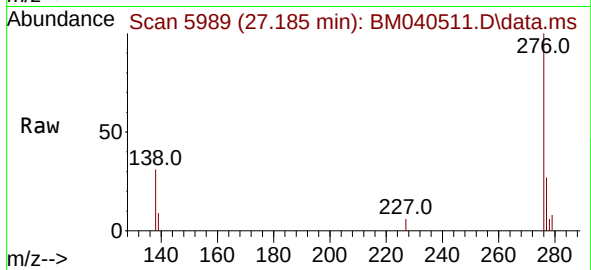
279 53.1 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.238 ng/ul
RT: 27.185 min Scan# 5989
Delta R.T. 0.000 min
Lab File: BM040511.D
Acq: 01 Jul 2023 19:51

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 1805
Ion Ratio Lower Upper
276 100
138 30.6 23.0 34.6
277 26.9 20.3 30.5

Manual Integrations
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Supervised By :Sohil Jodhani 07/02/2023

