

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040643.D
 Acq On : 05 Jul 2023 16:27
 Operator : MA/JU
 Sample : 03245-07DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGG5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 18:12:27 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 : Wed Jul 05 09:30:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	6722	0.400	ng/ul	0.00
4) Naphthalene-d8	10.718	136	25533	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.554	164	12263	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	22148	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	13629	0.400	ng/ul	0.00
23) Perylene-d12	23.903	264	14588	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	8340	0.790	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	2020	0.056	ng/ul	0.00
18) Fluoranthene-d10	19.333	212	2876	0.066	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.767	128	1533	0.022	ng/ul#	75
10) Acenaphthylene	14.276	152	7224	0.132	ng/ul	95
15) Phenanthrene	17.349	178	9016	0.131	ng/ul	97
16) Anthracene	17.438	178	5874	0.102	ng/ul#	92
19) Fluoranthene	19.366	202	36175	0.625	ng/ul	97
20) Pyrene	19.728	202	34728	0.560	ng/ul	97
21) Benzo(a)anthracene	21.480	228	20300	0.440	ng/ul	96
22) Chrysene	21.535	228	15848	0.301	ng/ul	97
24) Benzo(b)fluoranthene	23.175	252	36052	0.639	ng/ul	99
25) Benzo(k)fluoranthene	23.210	252	10392m	0.187	ng/ul	
26) Benzo(a)pyrene	23.792	252	18388	0.362	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.390	276	16401	0.232	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.400	278	4161	0.075	ng/ul#	58
29) Benzo(g,h,i)perylene	27.168	276	14942	0.241	ng/ul	95

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

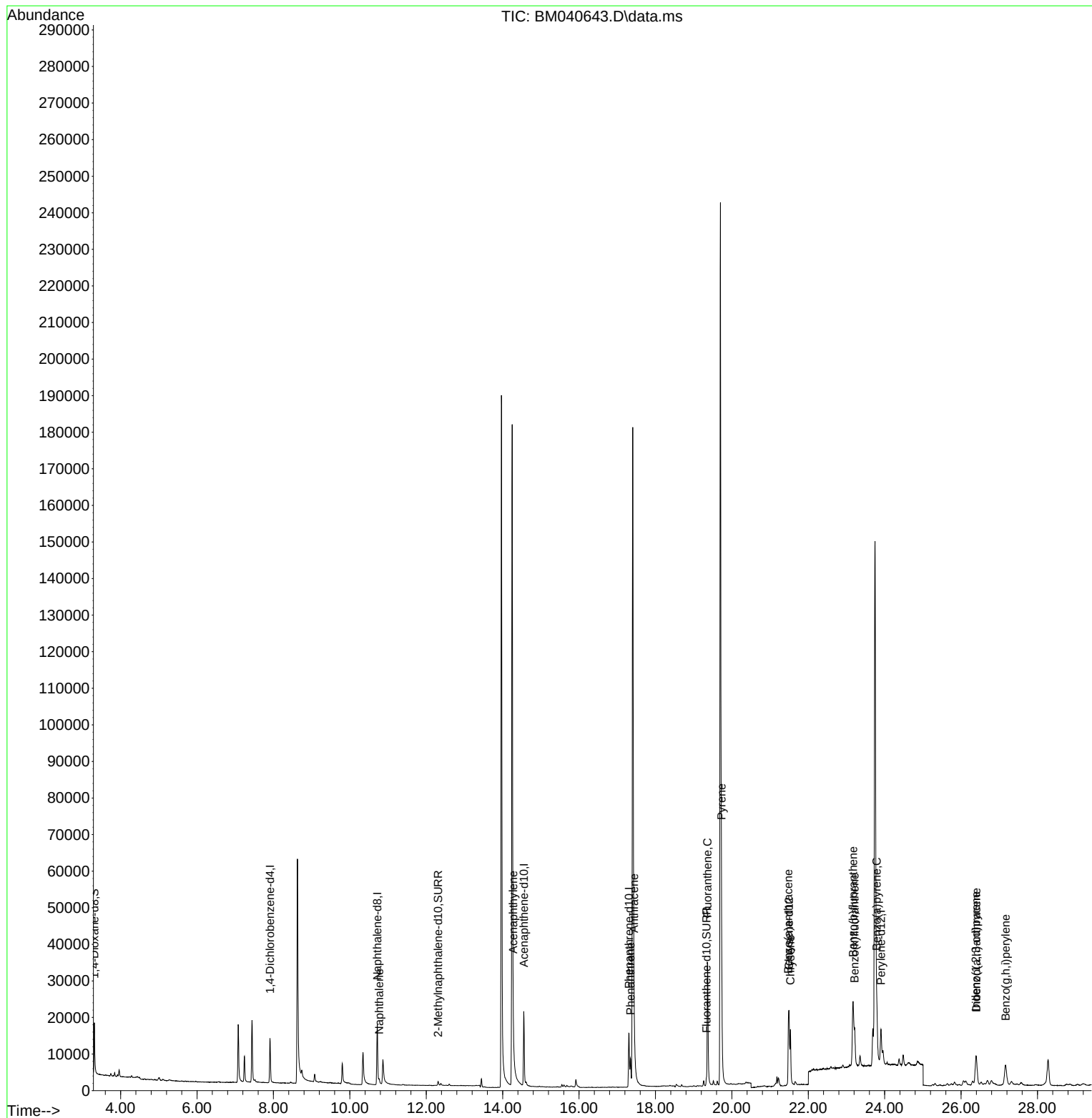
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040643.D
Acq On : 05 Jul 2023 16:27
Operator : MA/JU
Sample : 03245-07DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

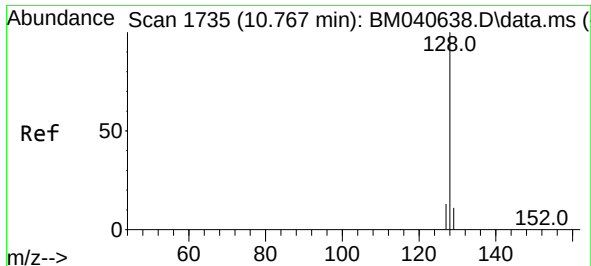
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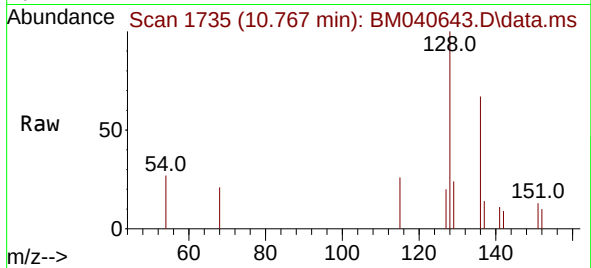
Quant Time: Jul 05 18:12:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.767 min Scan# 11
Delta R.T. 0.001 min
Lab File: BM040643.D
Acq: 05 Jul 2023 16:27

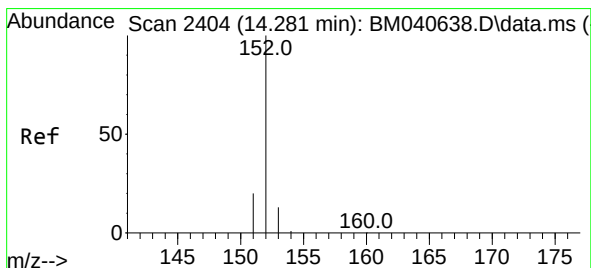
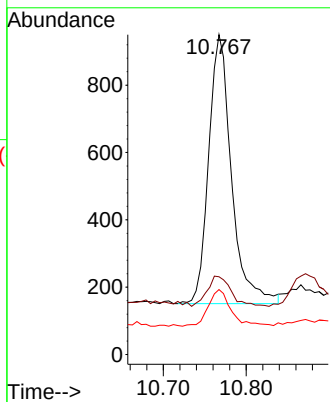
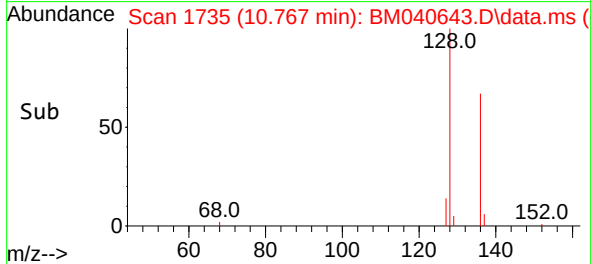
Instrument :
BNA_M
ClientSampleId :
DCGG5DL



Tgt Ion:128 Resp: 153
Ion Ratio Lower Upper
128 100
129 24.3 9.2 13.8
127 20.3 10.6 15.8

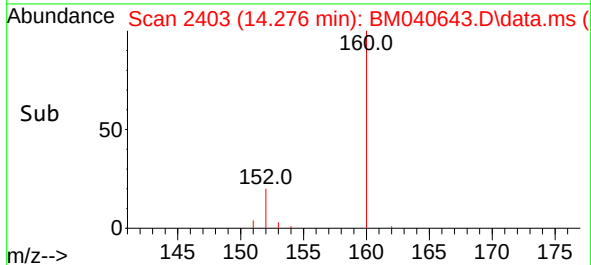
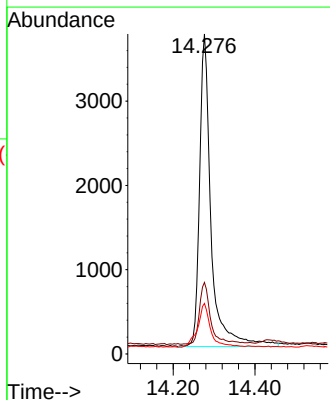
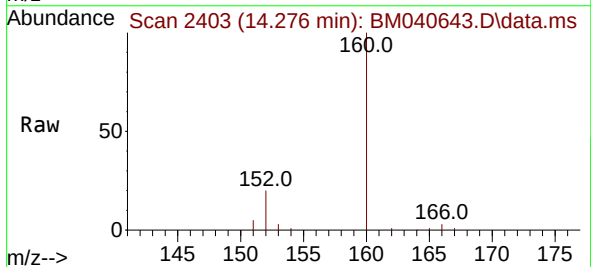
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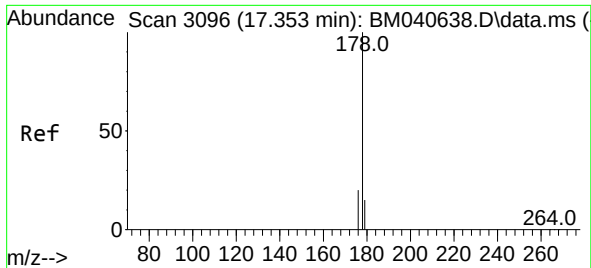
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#10
Acenaphthylene
Concen: 0.132 ng/ul
RT: 14.276 min Scan# 2403
Delta R.T. -0.003 min
Lab File: BM040643.D
Acq: 05 Jul 2023 16:27

Tgt Ion:152 Resp: 7224
Ion Ratio Lower Upper
152 100
151 22.4 16.2 24.2
153 15.8 10.9 16.3





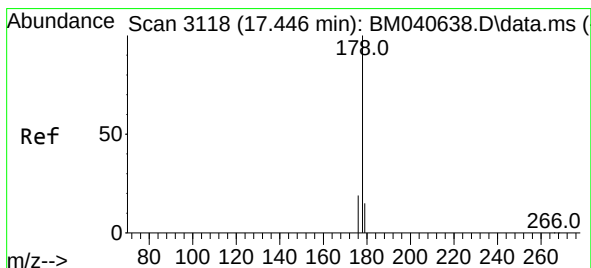
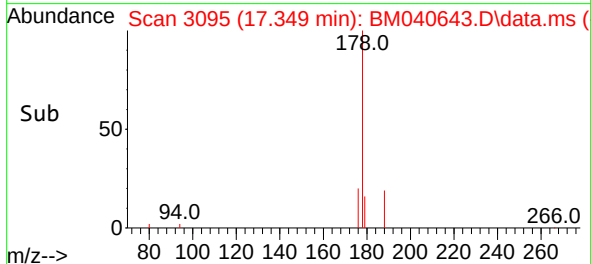
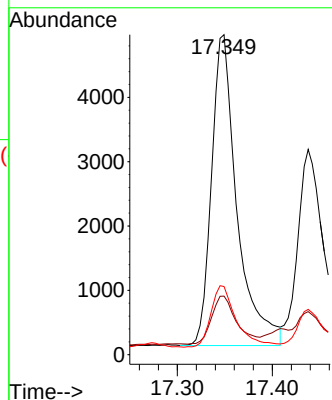
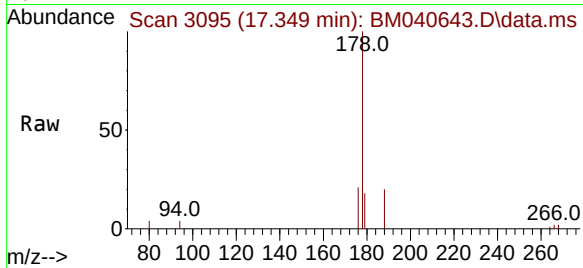
#15
Phenanthrene
Concen: 0.131 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.003 min
Lab File: BM040643.D
Acq: 05 Jul 2023 16:27

Instrument :
BNA_M
ClientSampleId :
DCGG5DL

Tgt Ion:178 Resp: 9010
Ion Ratio Lower Upper
178 100
179 18.3 12.8 19.2
176 21.3 16.4 24.6

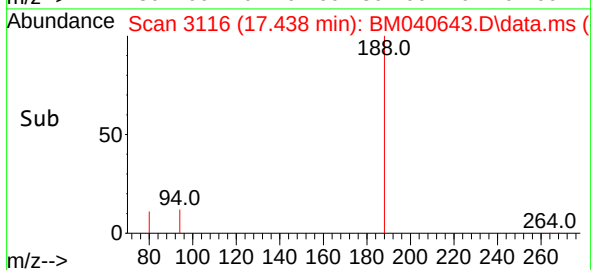
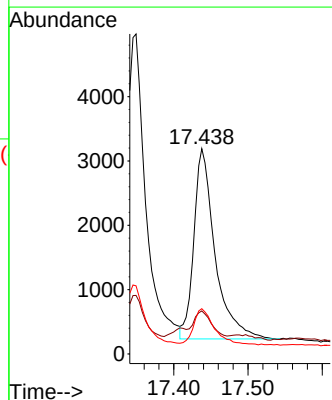
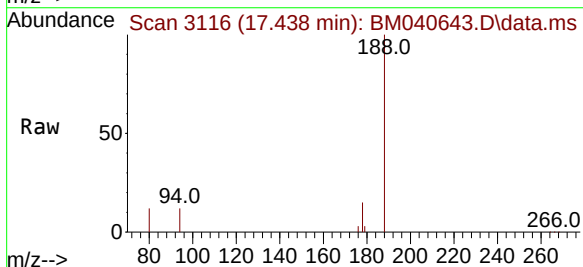
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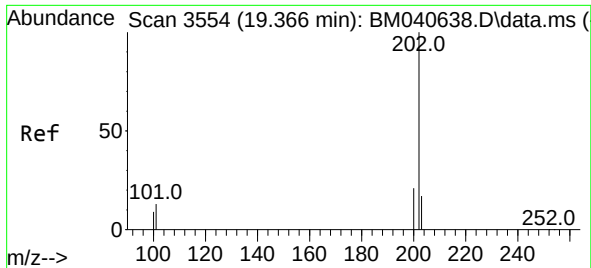
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#16
Anthracene
Concen: 0.102 ng/ul
RT: 17.438 min Scan# 3116
Delta R.T. -0.007 min
Lab File: BM040643.D
Acq: 05 Jul 2023 16:27

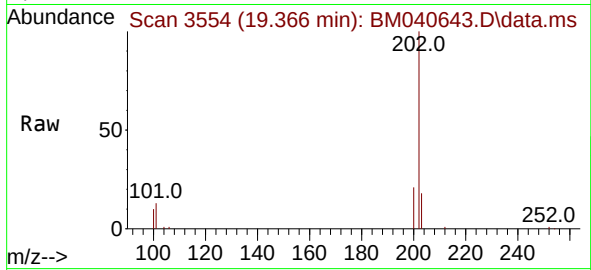
Tgt Ion:178 Resp: 5874
Ion Ratio Lower Upper
178 100
179 21.0 12.9 19.3#
176 22.1 15.8 23.6





#19
Fluoranthene
Concen: 0.625 ng/ul
RT: 19.366 min Scan# 3554
Delta R.T. -0.003 min
Lab File: BM040643.D
Acq: 05 Jul 2023 16:27

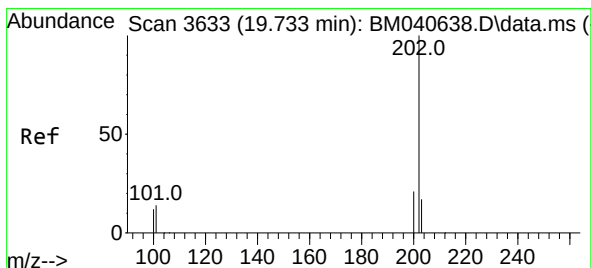
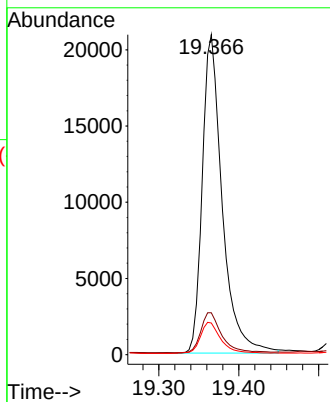
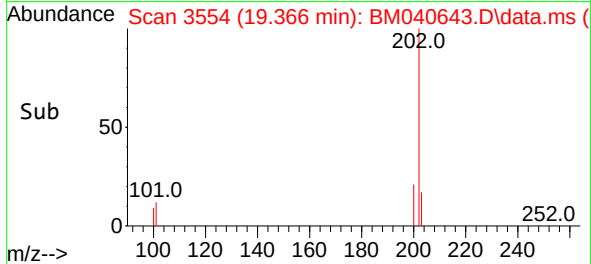
Instrument :
BNA_M
ClientSampleId :
DCGG5DL



Tgt Ion:202 Resp: 3617
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 9.9 8.7 13.1

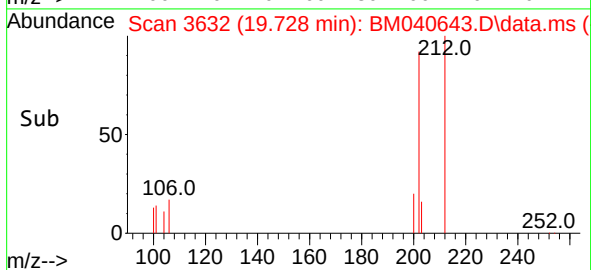
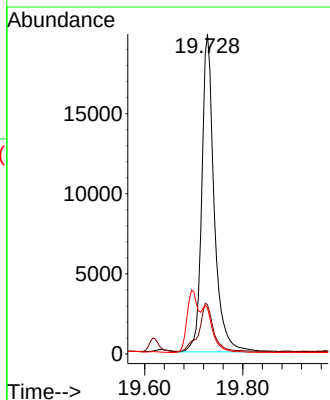
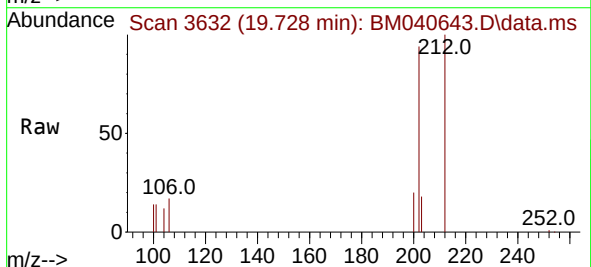
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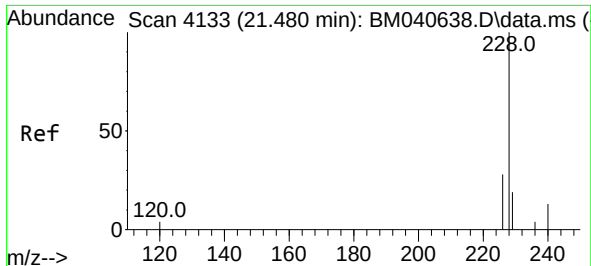
Reviewed By :Yogesh Patel 07/05/2023
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#20
Pyrene
Concen: 0.560 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.003 min
Lab File: BM040643.D
Acq: 05 Jul 2023 16:27

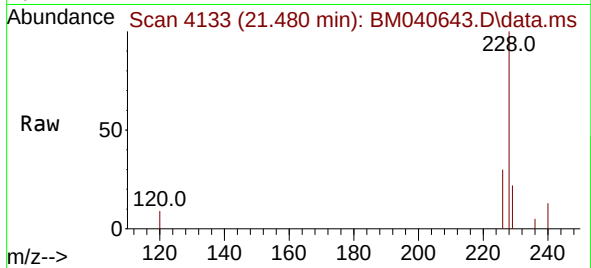
Tgt Ion:202 Resp: 34728
Ion Ratio Lower Upper
202 100
101 15.4 12.6 18.8
100 14.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.440 ng/uI
RT: 21.480 min Scan# 4133
Delta R.T. 0.001 min
Lab File: BM040643.D
Acq: 05 Jul 2023 16:27

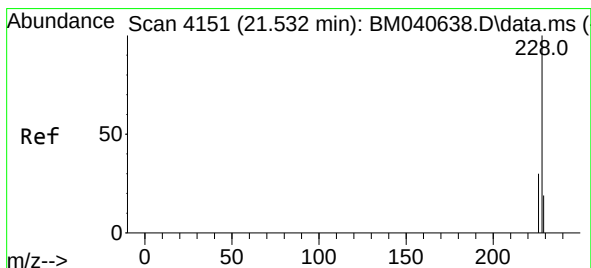
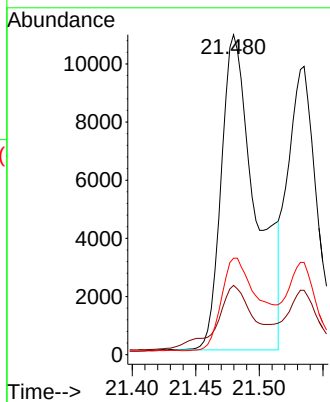
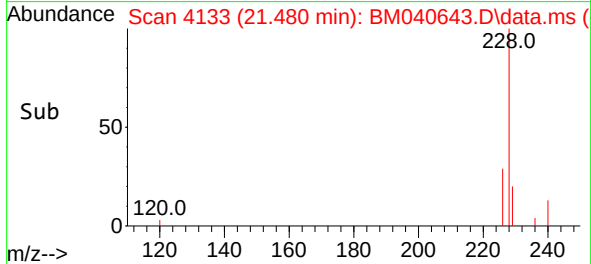
Instrument :
BNA_M
ClientSampleId :
DCGG5DL



Tgt Ion:228 Resp: 20300
Ion Ratio Lower Upper
228 100
229 21.7 16.0 24.0
226 30.1 22.3 33.5

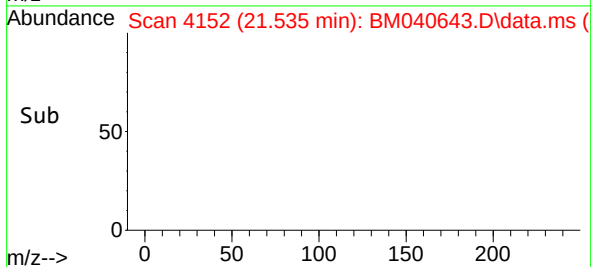
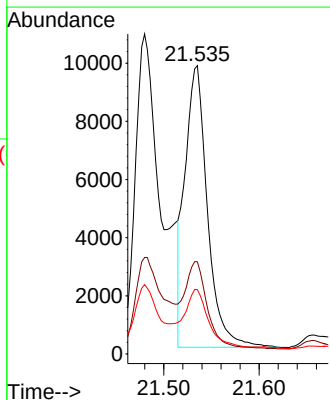
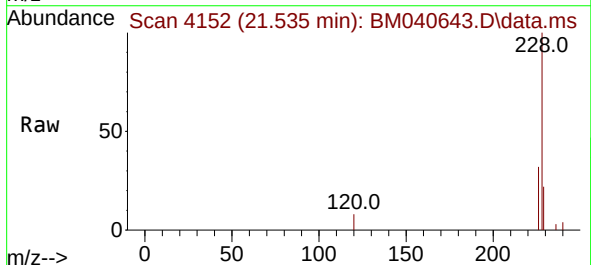
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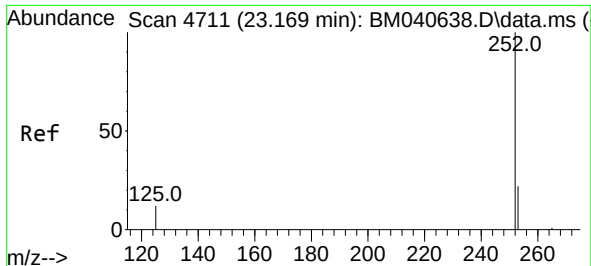
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#22
Chrysene
Concen: 0.301 ng/uI
RT: 21.535 min Scan# 4152
Delta R.T. 0.004 min
Lab File: BM040643.D
Acq: 05 Jul 2023 16:27

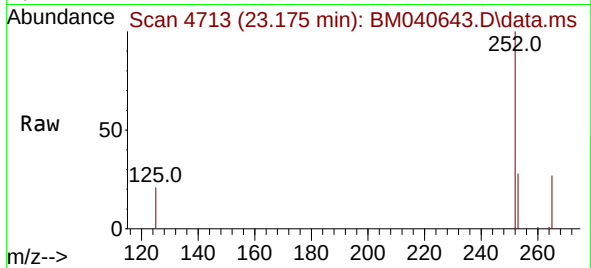
Tgt Ion:228 Resp: 15848
Ion Ratio Lower Upper
228 100
226 31.9 24.9 37.3
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.639 ng/ul
RT: 23.175 min Scan# 4713
Delta R.T. 0.007 min
Lab File: BM040643.D
Acq: 05 Jul 2023 16:27

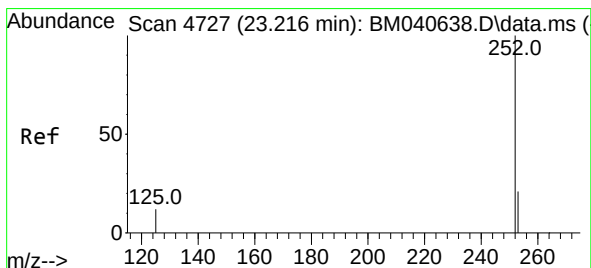
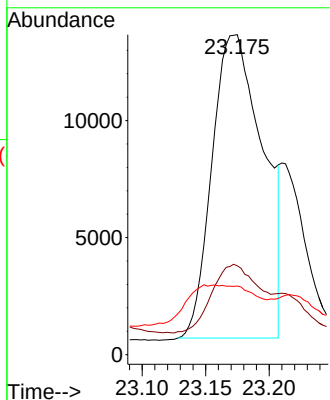
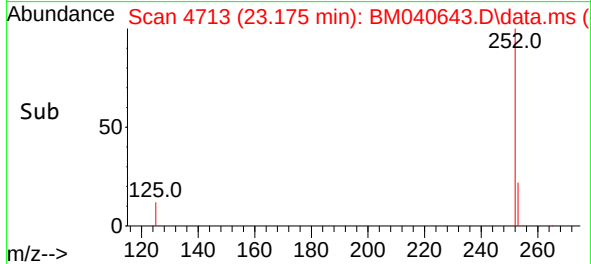
Instrument :
BNA_M
ClientSampleId :
DCGG5DL



Tgt Ion:252 Resp: 36052
Ion Ratio Lower Upper
252 100
253 27.7 0.0 52.8
125 21.4 0.0 43.0

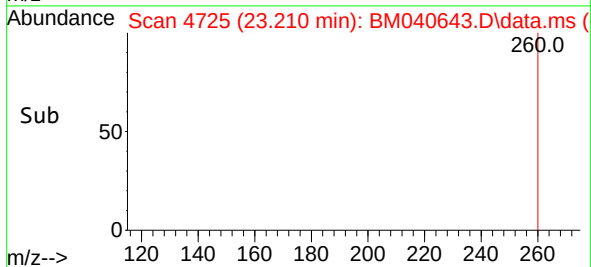
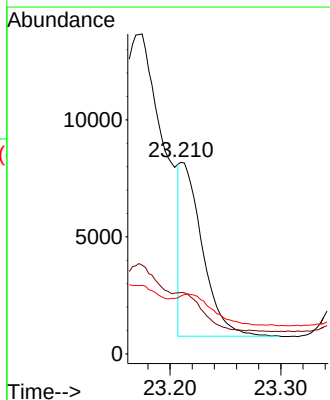
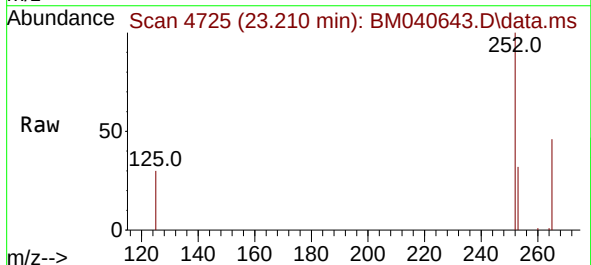
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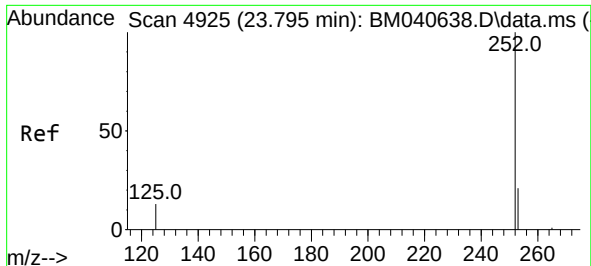
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.187 ng/ul m
RT: 23.210 min Scan# 4725
Delta R.T. -0.002 min
Lab File: BM040643.D
Acq: 05 Jul 2023 16:27

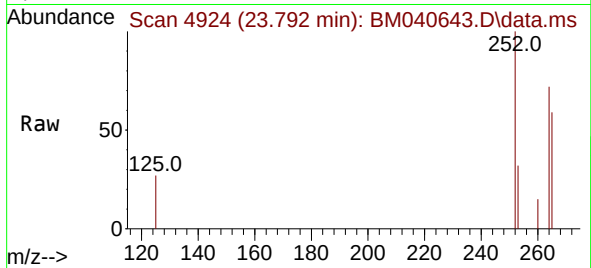
Tgt Ion:252 Resp: 10392
Ion Ratio Lower Upper
252 100
253 32.0 21.2 31.8#
125 30.3 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.362 ng/ul
RT: 23.792 min Scan# 4924
Delta R.T. -0.002 min
Lab File: BM040643.D
Acq: 05 Jul 2023 16:27

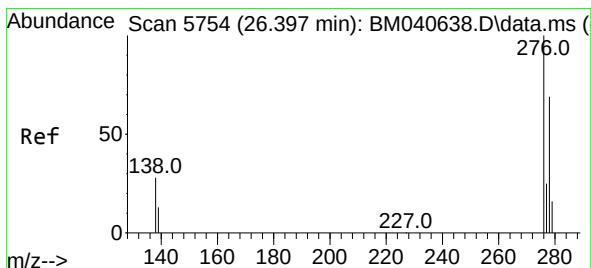
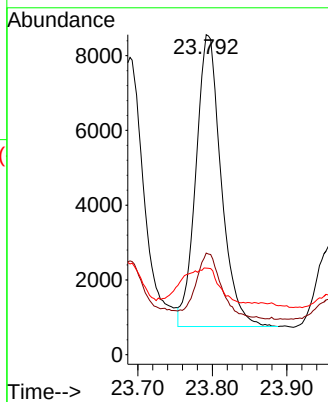
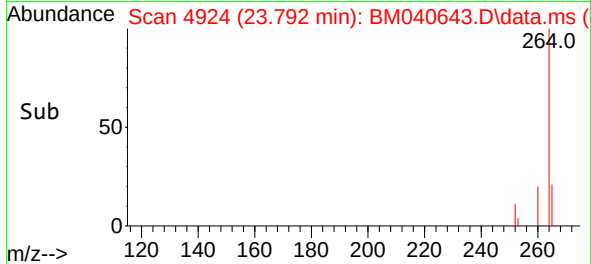
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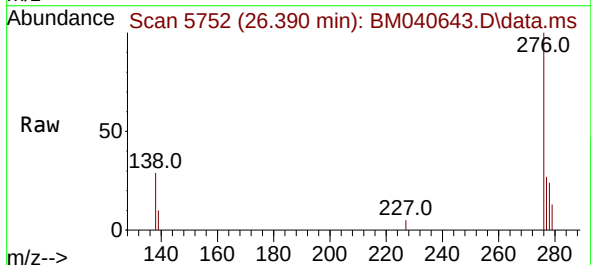
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Ion Ratio Lower Upper
252 100
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125 27.1 21.0 31.4

Manual Integrations
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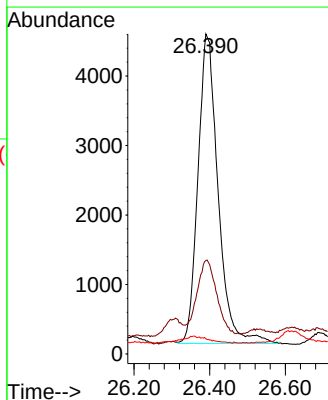
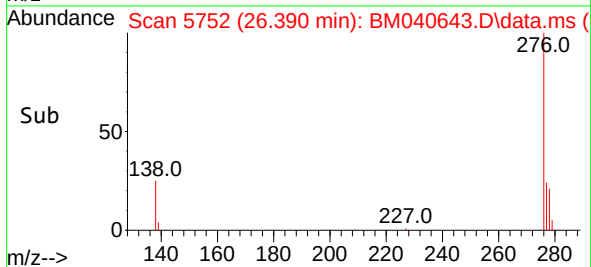
Reviewed By :Yogesh Patel 07/05/2023
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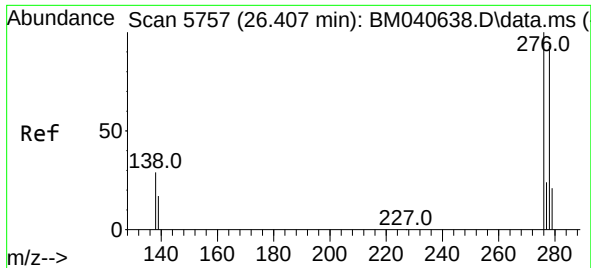


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.232 ng/ul
RT: 26.390 min Scan# 5752
Delta R.T. 0.001 min
Lab File: BM040643.D
Acq: 05 Jul 2023 16:27



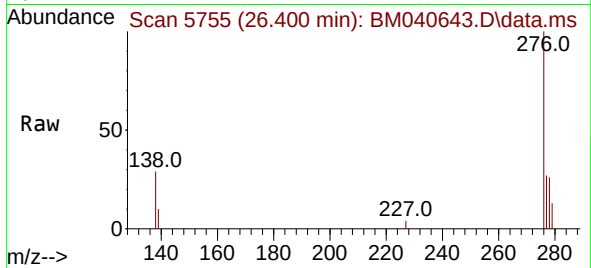
Tgt Ion:276 Resp: 16401
Ion Ratio Lower Upper
276 100
138 23.6 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul
RT: 26.400 min Scan# 51
Delta R.T. -0.009 min
Lab File: BM040643.D
Acq: 05 Jul 2023 16:27

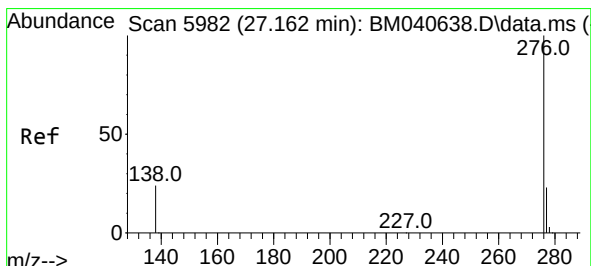
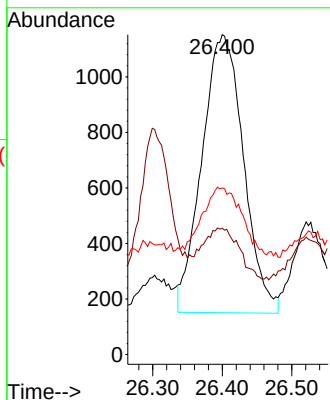
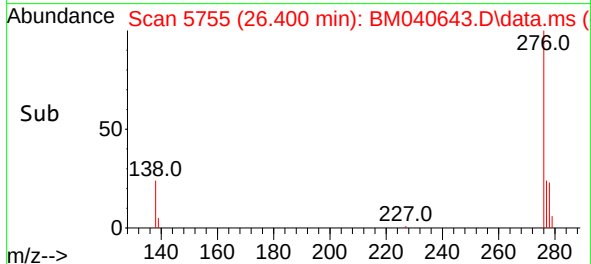
Instrument :
BNA_M
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DCGG5DL



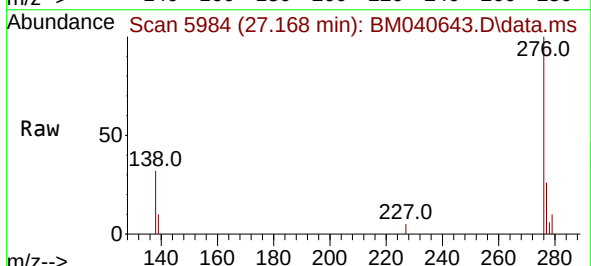
Tgt Ion:278 Resp: 416
Ion Ratio Lower Upper
278 100
139 39.5 17.9 26.9
279 52.1 22.0 33.0

Manual Integrations
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Supervised By :Sohil Jodhani 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 0.241 ng/ul
RT: 27.168 min Scan# 5984
Delta R.T. 0.004 min
Lab File: BM040643.D
Acq: 05 Jul 2023 16:27



Tgt Ion:276 Resp: 14942
Ion Ratio Lower Upper
276 100
138 32.4 23.0 34.6
277 26.4 20.3 30.5

