

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040637.D
 Acq On : 05 Jul 2023 12:38
 Operator : MA/JU
 Sample : 03245-04DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGG2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 13:48:43 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	5944	0.400	ng/ul	0.00
4) Naphthalene-d8	10.718	136	21849	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.554	164	10394	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	18921	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	12028	0.400	ng/ul	0.00
23) Perylene-d12	23.897	264	13473	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	5684	0.609	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	1318	0.043	ng/ul	0.00
18) Fluoranthene-d10	19.333	212	1745	0.045	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	14.277	152	1010	0.022	ng/ul#	58
15) Phenanthrene	17.349	178	6373	0.108	ng/ul#	94
16) Anthracene	17.438	178	1687	0.034	ng/ul#	67
19) Fluoranthene	19.366	202	15847	0.310	ng/ul	98
20) Pyrene	19.728	202	14563	0.266	ng/ul#	96
21) Benzo(a)anthracene	21.477	228	7793	0.192	ng/ul#	93
22) Chrysene	21.529	228	7963	0.172	ng/ul#	94
24) Benzo(b)fluoranthene	23.166	252	14853	0.285	ng/ul	83
25) Benzo(k)fluoranthene	23.207	252	4648m	0.090	ng/ul	
26) Benzo(a)pyrene	23.789	252	9225	0.196	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.387	276	8373	0.128	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.394	278	2212	0.043	ng/ul#	29
29) Benzo(g,h,i)perylene	27.155	276	8397	0.146	ng/ul#	88

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

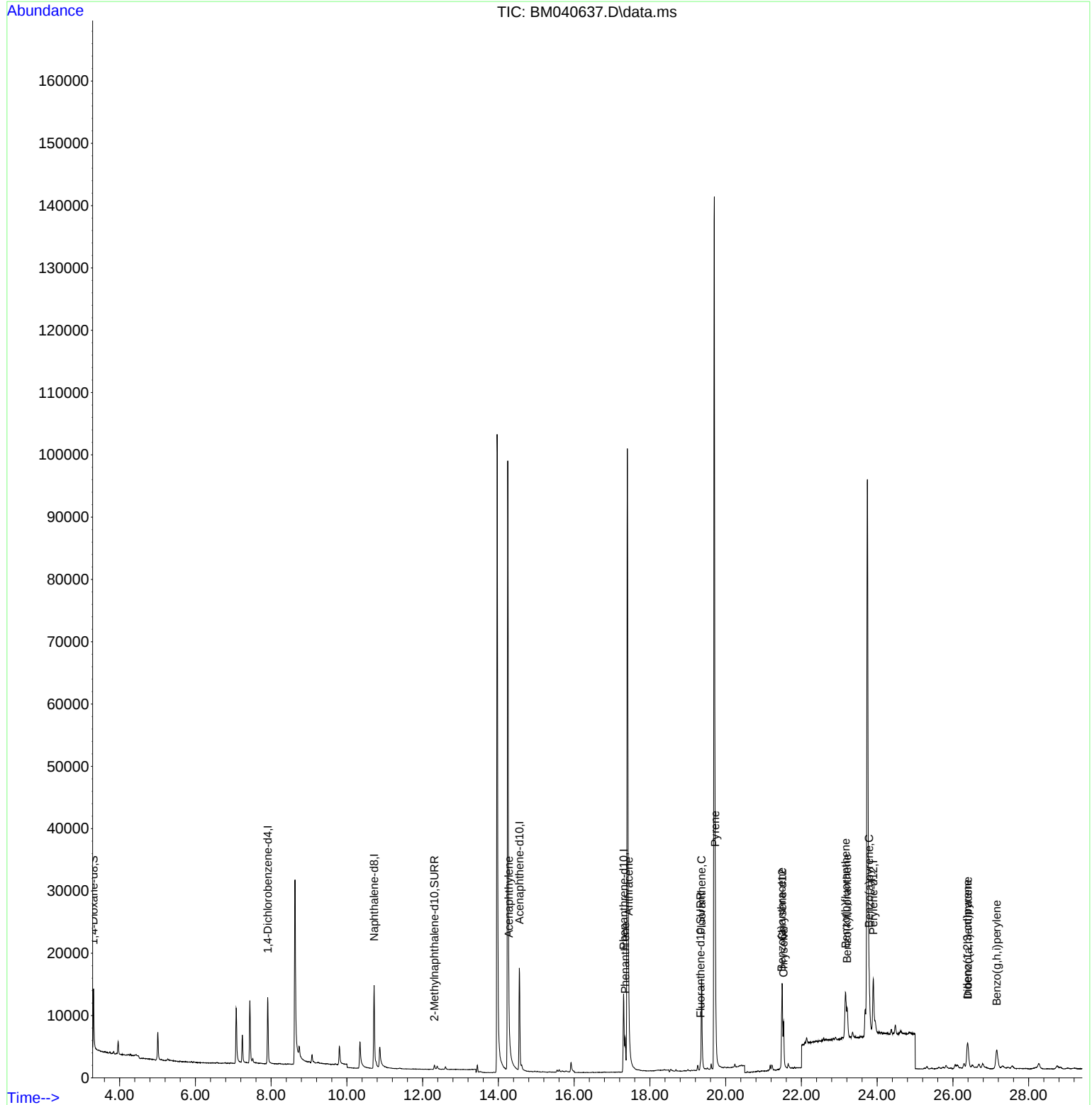
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040637.D
Acq On : 05 Jul 2023 12:38
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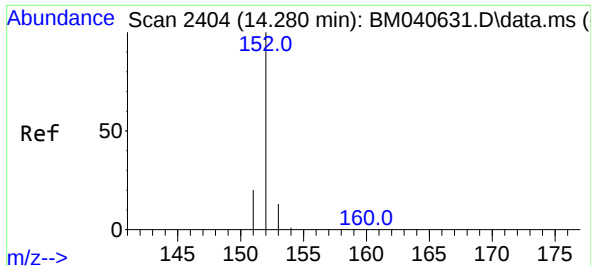
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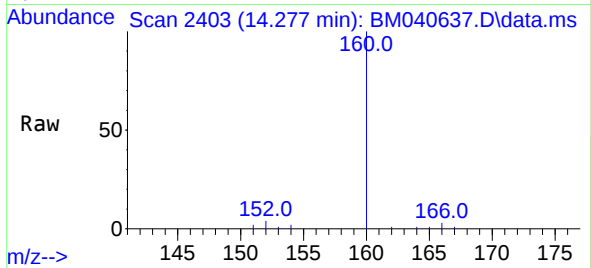
Quant Time: Jul 05 13:48:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 0.022 ng/u1
RT: 14.277 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BM040637.D
Acq: 05 Jul 2023 12:38

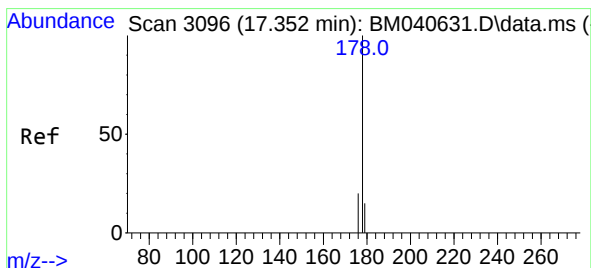
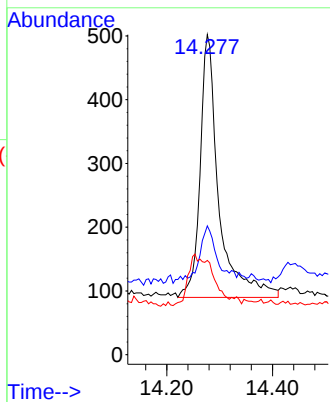
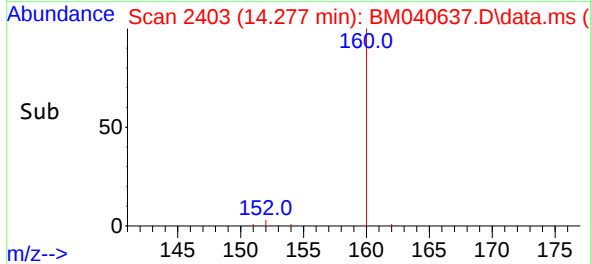
Instrument :
BNA_M
ClientSampleId :
DCGG2DL



Tgt Ion:152 Resp: 1010
Ion Ratio Lower Upper
152 100
151 40.2 16.2 24.2
153 29.5 10.9 16.3

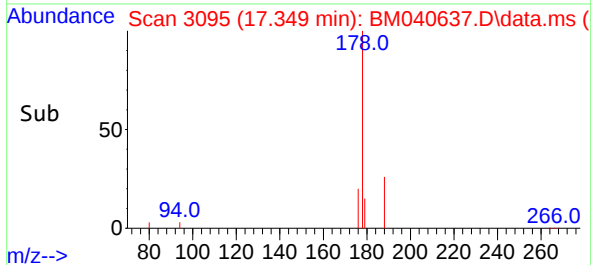
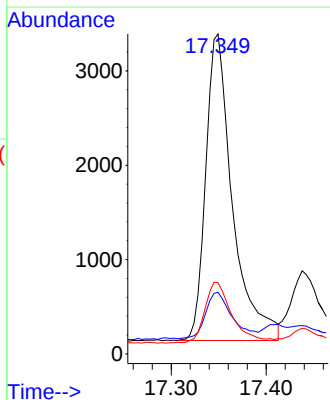
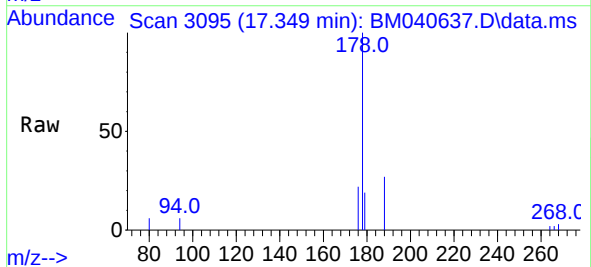
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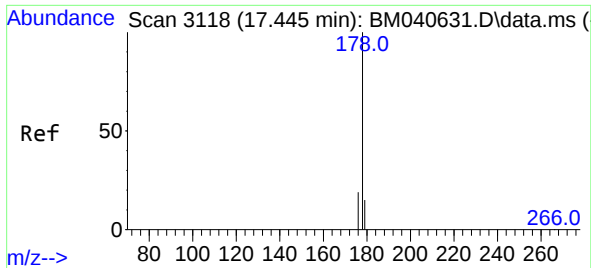
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#15
Phenanthrene
Concen: 0.108 ng/u1
RT: 17.349 min Scan# 3095
Delta R.T. -0.003 min
Lab File: BM040637.D
Acq: 05 Jul 2023 12:38

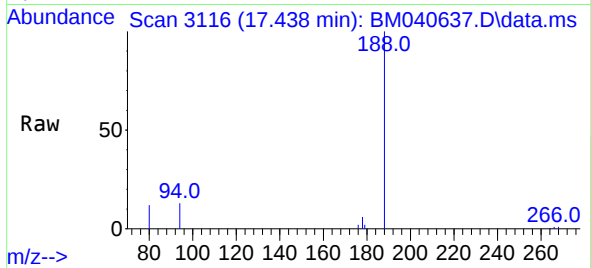
Tgt Ion:178 Resp: 6373
Ion Ratio Lower Upper
178 100
179 19.3 12.8 19.2
176 22.3 16.4 24.6





#16
 Anthracene
 Concen: 0.034 ng/ul
 RT: 17.438 min Scan# 3116
 Delta R.T. -0.007 min
 Lab File: BM040637.D
 Acq: 05 Jul 2023 12:38

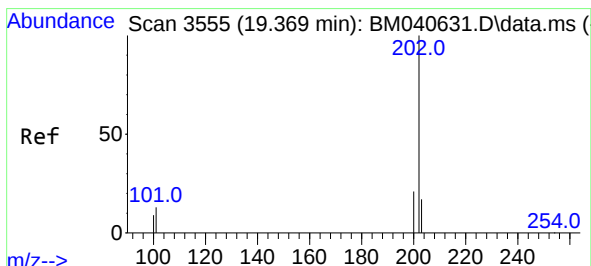
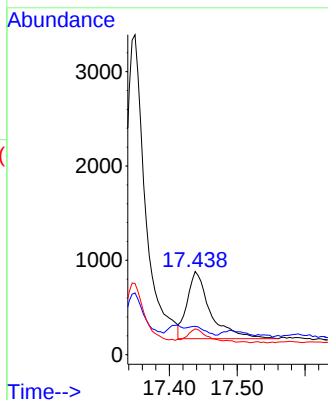
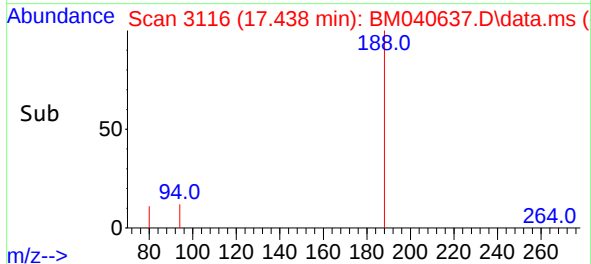
Instrument :
 BNA_M
 ClientSampleId :
 DCGG2DL



Tgt Ion:178 Resp: 1687
 Ion Ratio Lower Upper
 178 100
 179 34.1 12.9 19.3
 176 31.0 15.8 23.6

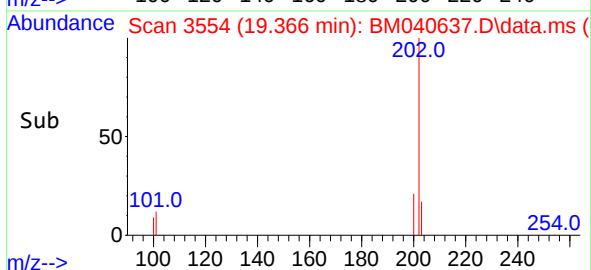
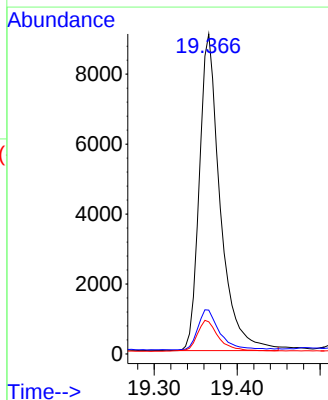
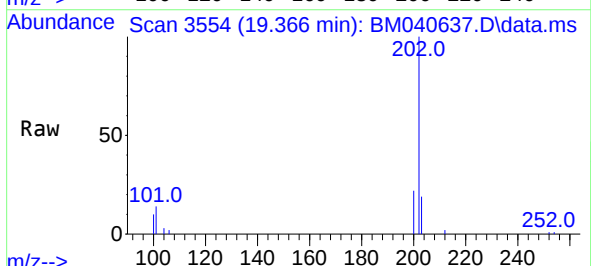
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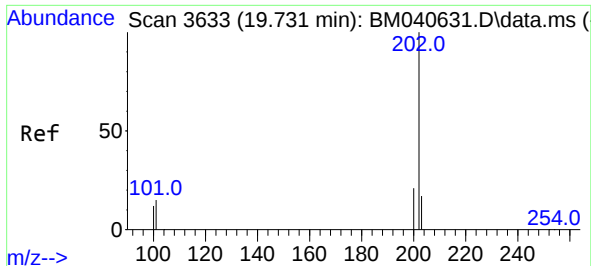
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



#19
 Fluoranthene
 Concen: 0.310 ng/ul
 RT: 19.366 min Scan# 3554
 Delta R.T. -0.003 min
 Lab File: BM040637.D
 Acq: 05 Jul 2023 12:38

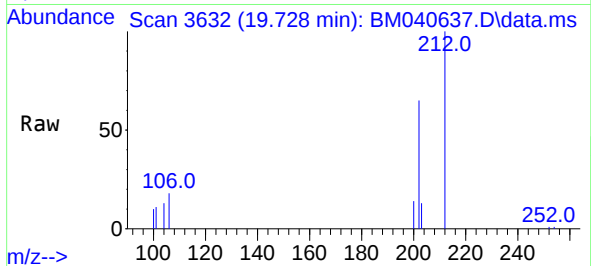
Tgt Ion:202 Resp: 15847
 Ion Ratio Lower Upper
 202 100
 101 13.7 11.4 17.0
 100 10.1 8.7 13.1





#20
Pyrene
Concen: 0.266 ng/ul
RT: 19.728 min Scan# 30
Delta R.T. -0.003 min
Lab File: BM040637.D
Acq: 05 Jul 2023 12:38

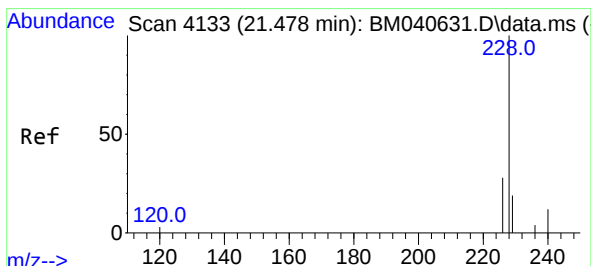
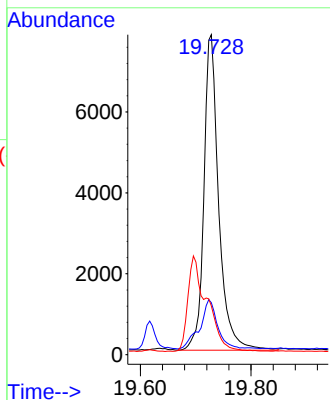
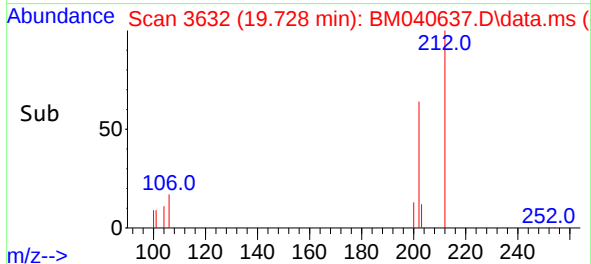
Instrument :
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Tgt Ion:202 Resp: 1456
Ion Ratio Lower Upper
202 100
101 16.3 12.6 18.8
100 15.3 9.8 14.6

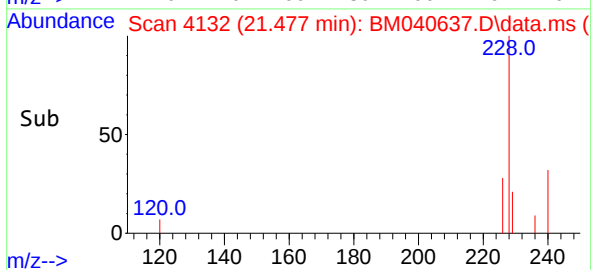
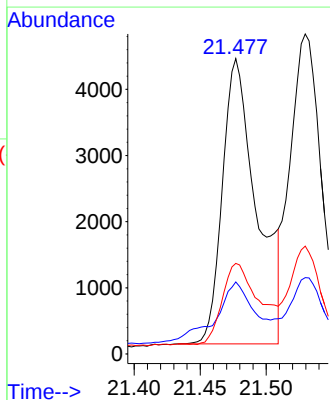
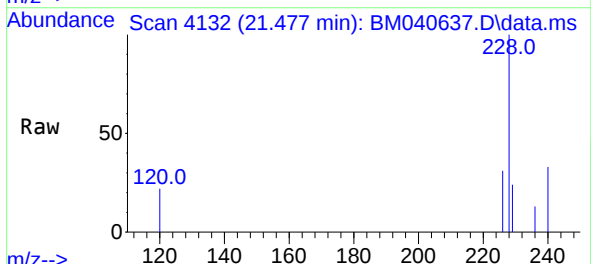
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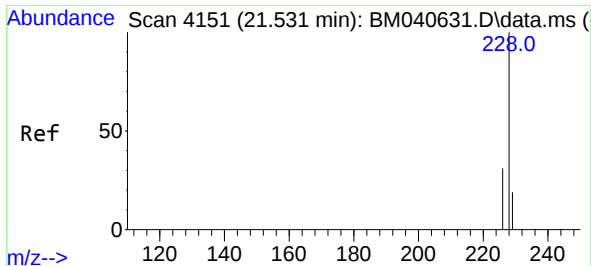
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#21
Benzo(a)anthracene
Concen: 0.192 ng/ul
RT: 21.477 min Scan# 4132
Delta R.T. -0.001 min
Lab File: BM040637.D
Acq: 05 Jul 2023 12:38

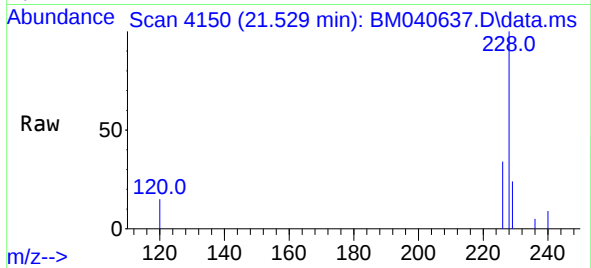
Tgt Ion:228 Resp: 7793
Ion Ratio Lower Upper
228 100
229 24.4 16.0 24.0#
226 30.7 22.3 33.5





#22
Chrysene
Concen: 0.172 ng/u1
RT: 21.529 min Scan# 4151
Delta R.T. -0.001 min
Lab File: BM040637.D
Acq: 05 Jul 2023 12:38

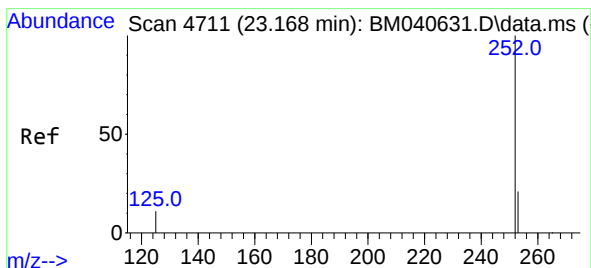
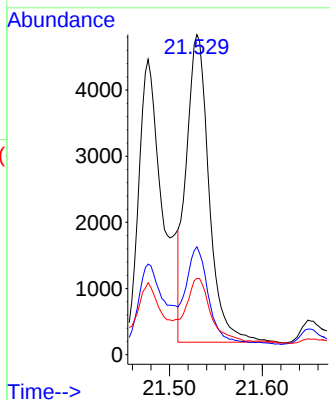
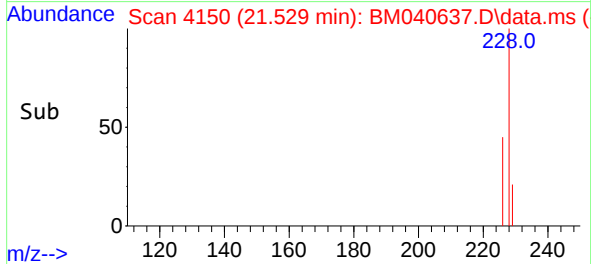
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BNA_M
ClientSampleId :
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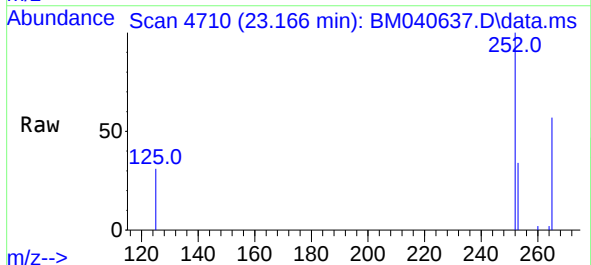
Tgt Ion:228 Resp: 7963
Ion Ratio Lower Upper
228 100
226 33.7 24.9 37.3
229 23.9 15.8 23.6

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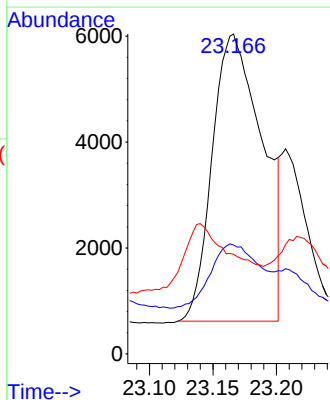
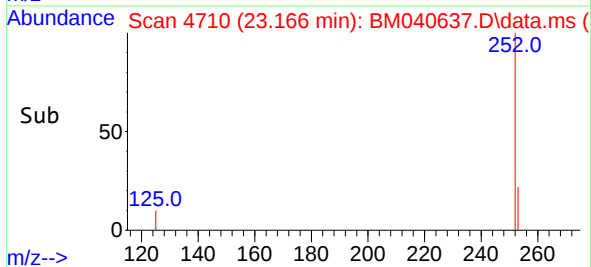
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

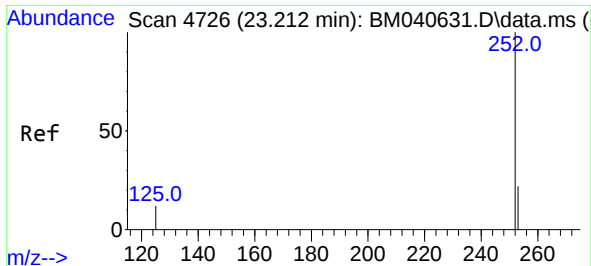


#24
Benzo(b)fluoranthene
Concen: 0.285 ng/u1
RT: 23.166 min Scan# 4710
Delta R.T. -0.001 min
Lab File: BM040637.D
Acq: 05 Jul 2023 12:38



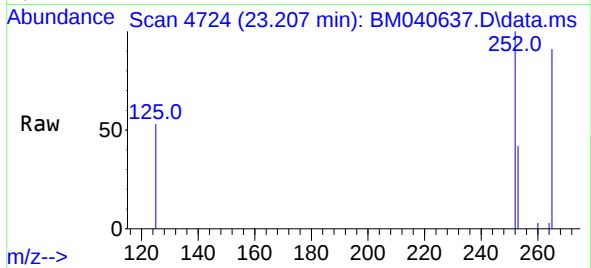
Tgt Ion:252 Resp: 14853
Ion Ratio Lower Upper
252 100
253 34.0 0.0 52.8
125 31.2 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.090 ng/ul m
RT: 23.207 min Scan# 4726
Delta R.T. -0.004 min
Lab File: BM040637.D
Acq: 05 Jul 2023 12:38

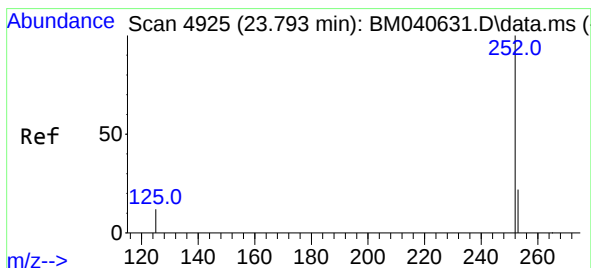
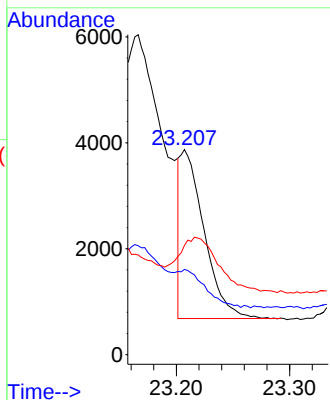
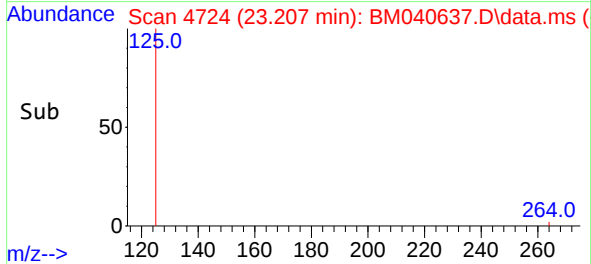
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ClientSampleId :
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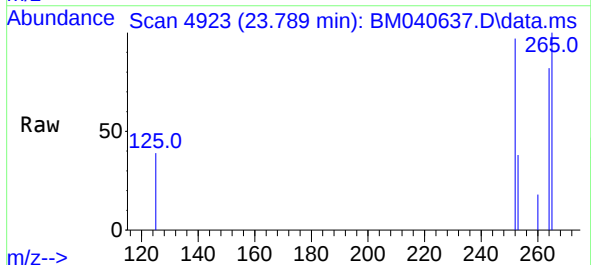
Tgt Ion:252 Resp: 4648
Ion Ratio Lower Upper
252 100
253 41.6 21.2 31.8#
125 53.3 16.4 24.6#

Manual Integrations
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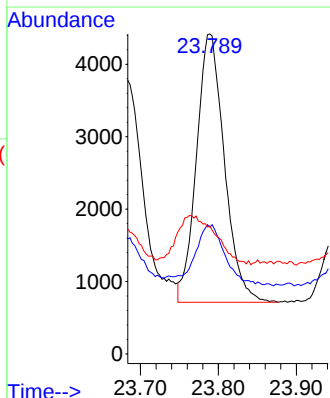
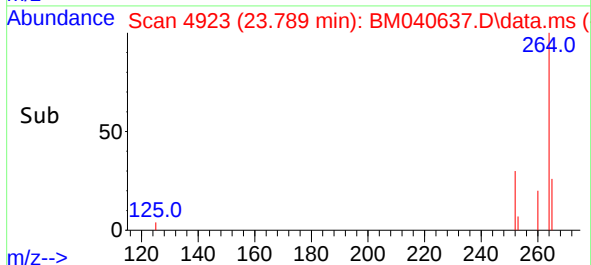
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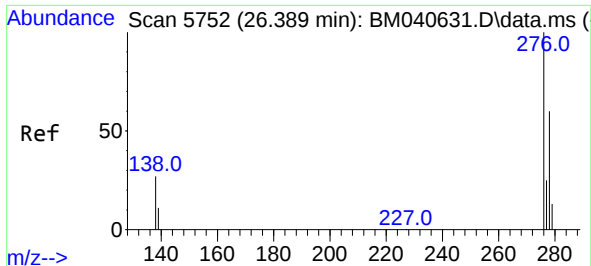


#26
Benzo(a)pyrene
Concen: 0.196 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.004 min
Lab File: BM040637.D
Acq: 05 Jul 2023 12:38



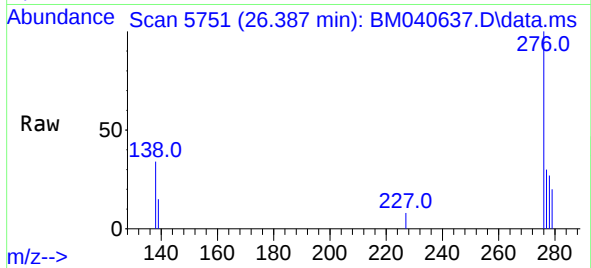
Tgt Ion:252 Resp: 9225
Ion Ratio Lower Upper
252 100
253 39.6 22.9 34.3#
125 40.0 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.128 ng/ul
RT: 26.387 min Scan# 5752
Delta R.T. -0.002 min
Lab File: BM040637.D
Acq: 05 Jul 2023 12:38

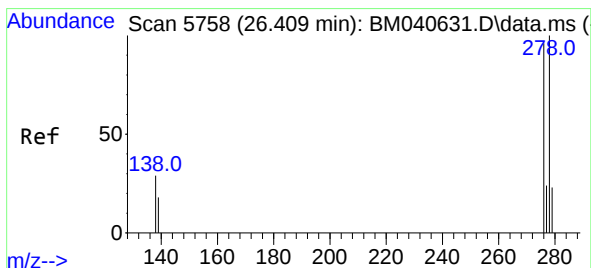
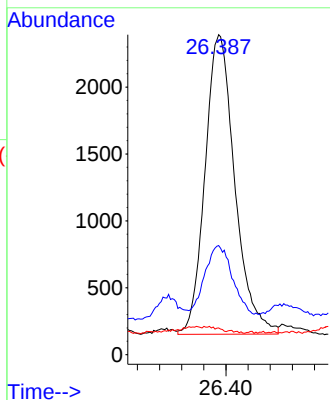
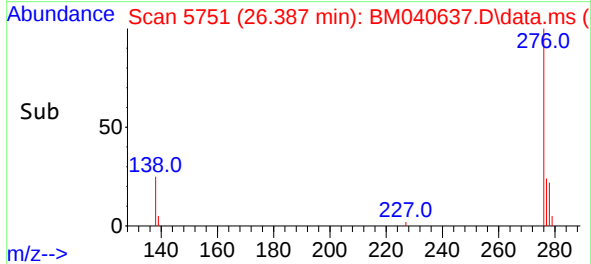
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DCGG2DL



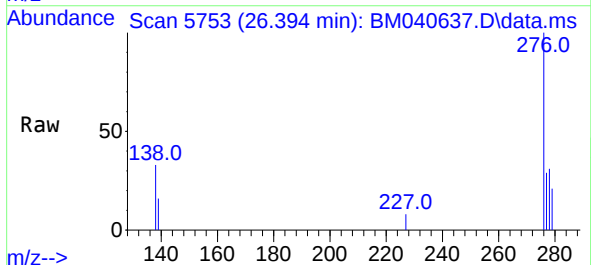
Tgt Ion: 276 Resp: 837
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7
227 0.0 0.1 0.1

Manual Integrations
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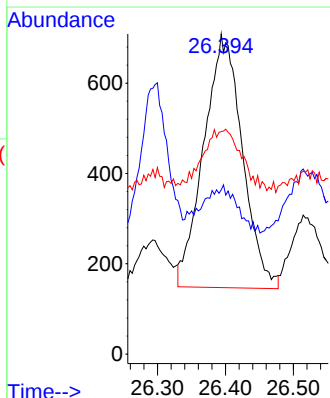
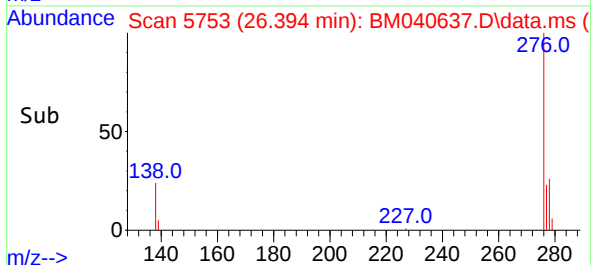
Reviewed By : Yogesh Patel 07/05/2023
Supervised By : mohammad ahmed 07/05/2023

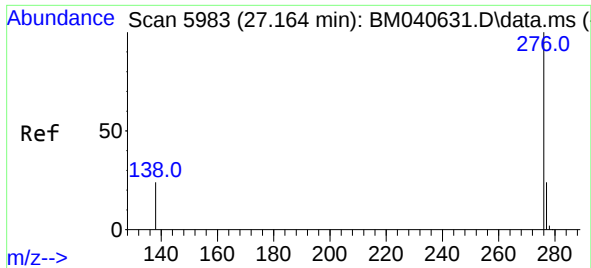


#28
Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 26.394 min Scan# 5753
Delta R.T. -0.015 min
Lab File: BM040637.D
Acq: 05 Jul 2023 12:38



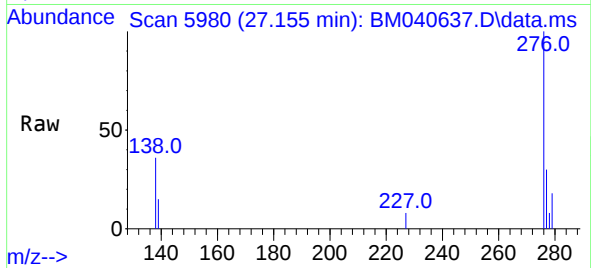
Tgt Ion: 278 Resp: 2212
Ion Ratio Lower Upper
278 100
139 51.3 17.9 26.9#
279 69.5 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.146 ng/ul
RT: 27.155 min Scan# 5980
Delta R.T. -0.009 min
Lab File: BM040637.D
Acq: 05 Jul 2023 12:38

Instrument :
BNA_M
ClientSampleId :
DCGG2DL



Tgt Ion:276 Resp: 839
Ion Ratio Lower Upper
276 100
138 35.9 23.0 34.6
277 30.5 20.3 30.5

Manual Integrations
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