

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040635.D
 Acq On : 05 Jul 2023 11:23
 Operator : MA/JU
 Sample : 03243-21DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGE1DL

Manual Integrations
 APPROVED

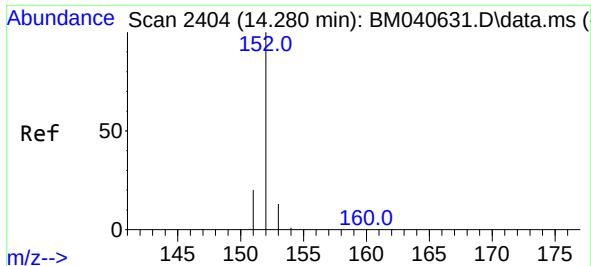
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 12:29:48 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)

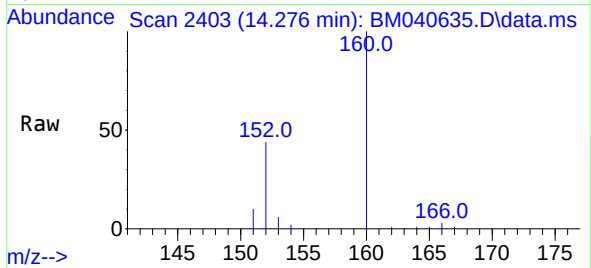
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	6209	0.400	ng/ul	0.00
4) Naphthalene-d8	10.717	136	22818	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.554	164	10659	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	19286	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	12323	0.400	ng/ul	0.00
23) Perylene-d12	23.894	264	13484	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	5418	0.556	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	1190	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.333	212	1699	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.276	152	10620	0.223	ng/ul	97
15) Phenanthrene	17.345	178	5946	0.099	ng/ul#	93
16) Anthracene	17.438	178	5910	0.117	ng/ul#	90
19) Fluoranthene	19.361	202	41679	0.796	ng/ul	100
20) Pyrene	19.728	202	38705	0.690	ng/ul	99
21) Benzo(a)anthracene	21.477	228	22318	0.535	ng/ul	94
22) Chrysene	21.529	228	17901	0.376	ng/ul	96
24) Benzo(b)fluoranthene	23.166	252	42195	0.809	ng/ul	98
25) Benzo(k)fluoranthene	23.198	252	14256m	0.277	ng/ul	
26) Benzo(a)pyrene	23.789	252	20531	0.437	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.383	276	21440	0.328	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.390	278	5112	0.100	ng/ul#	64
29) Benzo(g,h,i)perylene	27.158	276	19307	0.336	ng/ul	98

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



#10
Acenaphthylene
Concen: 0.223 ng/ul
RT: 14.276 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BM040635.D
Acq: 05 Jul 2023 11:23

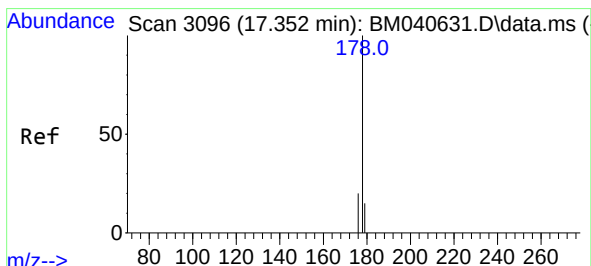
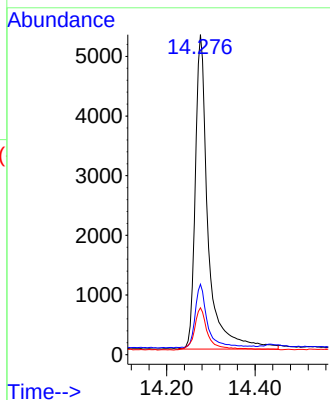
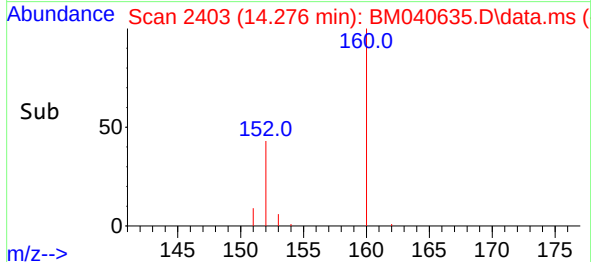
Instrument :
BNA_M
ClientSampleId :
DCGE1DL



Tgt Ion:152 Resp: 10620
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.2
153 14.6 10.9 16.3

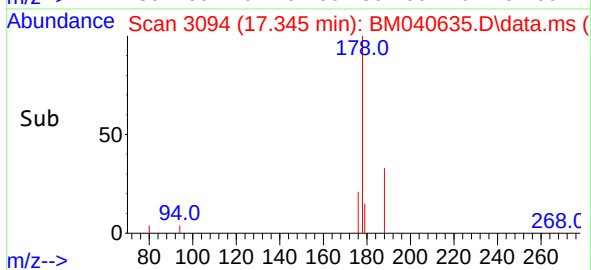
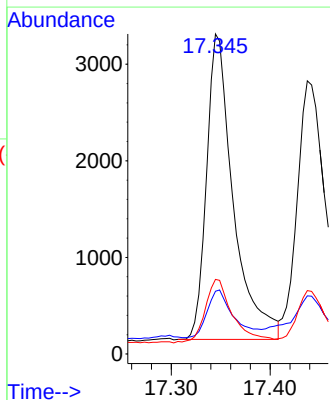
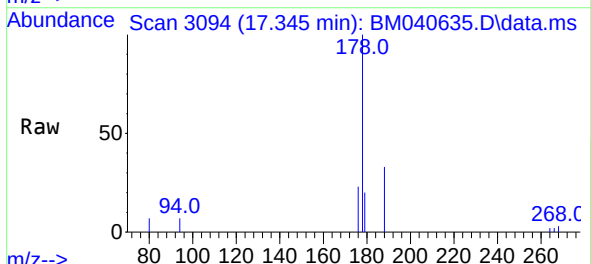
Manual Integrations
APPROVED

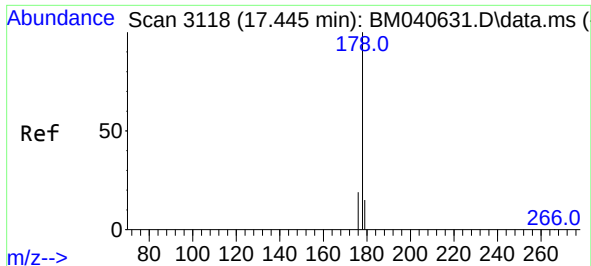
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#15
Phenanthrene
Concen: 0.099 ng/ul
RT: 17.345 min Scan# 3094
Delta R.T. -0.007 min
Lab File: BM040635.D
Acq: 05 Jul 2023 11:23

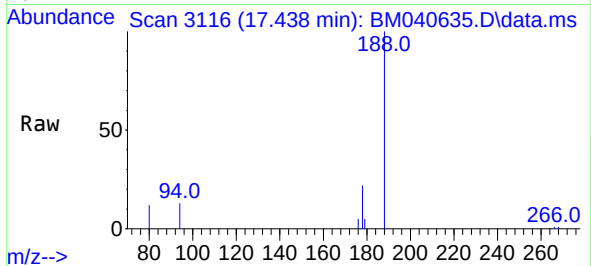
Tgt Ion:178 Resp: 5946
Ion Ratio Lower Upper
178 100
179 19.6 12.8 19.2#
176 23.3 16.4 24.6





#16
 Anthracene
 Concen: 0.117 ng/ul
 RT: 17.438 min Scan# 3116
 Delta R.T. -0.007 min
 Lab File: BM040635.D
 Acq: 05 Jul 2023 11:23

Instrument :
 BNA_M
 ClientSampleId :
 DCGE1DL

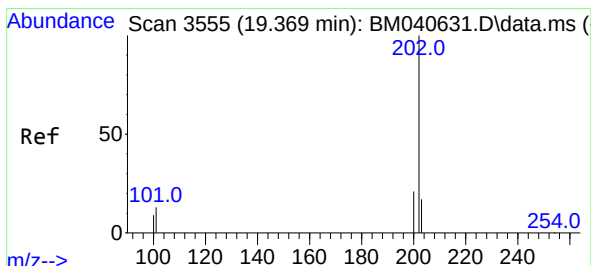
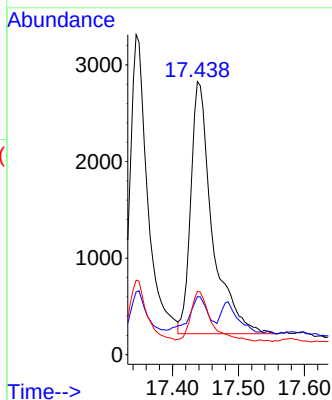
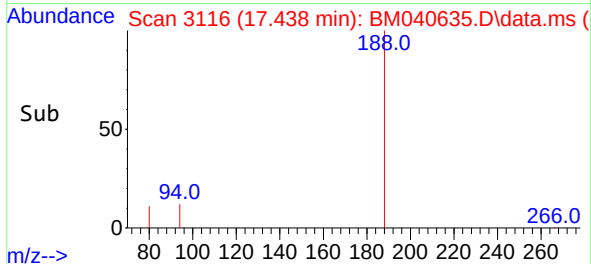


Tgt Ion:178 Resp: 5910

Ion	Ratio	Lower	Upper
178	100		
179	21.3	12.9	19.3
176	23.2	15.8	23.6

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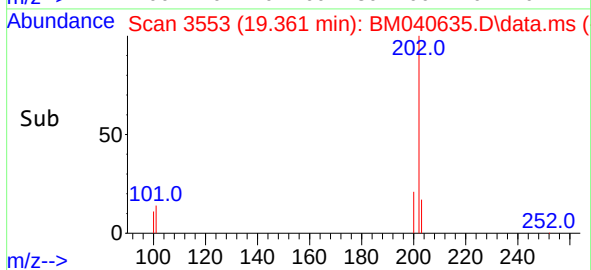
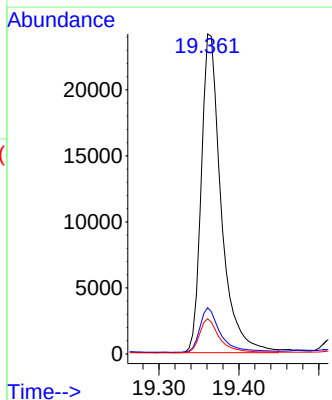
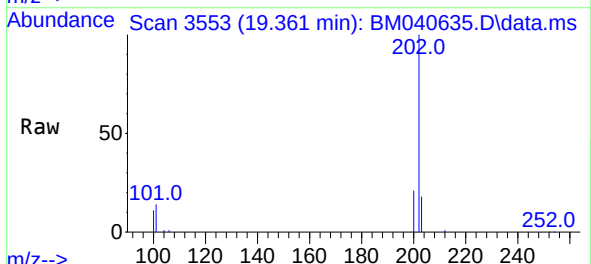
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

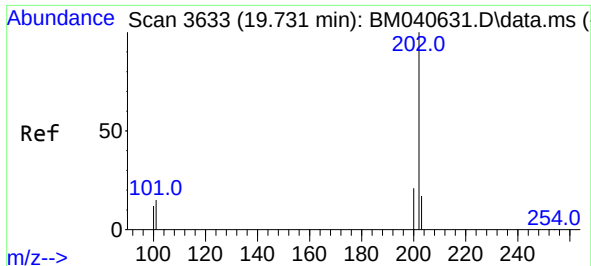


#19
 Fluoranthene
 Concen: 0.796 ng/ul
 RT: 19.361 min Scan# 3553
 Delta R.T. -0.008 min
 Lab File: BM040635.D
 Acq: 05 Jul 2023 11:23

Tgt Ion:202 Resp: 41679

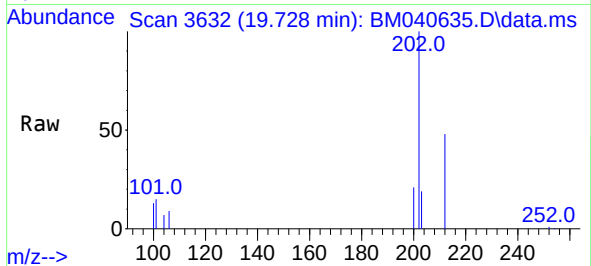
Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.4	17.0
100	11.0	8.7	13.1





#20
Pyrene
Concen: 0.690 ng/u1
RT: 19.728 min Scan# 30
Delta R.T. -0.003 min
Lab File: BM040635.D
Acq: 05 Jul 2023 11:23

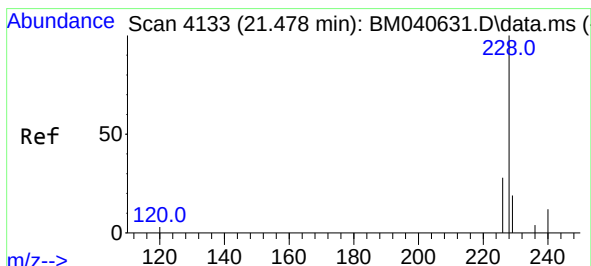
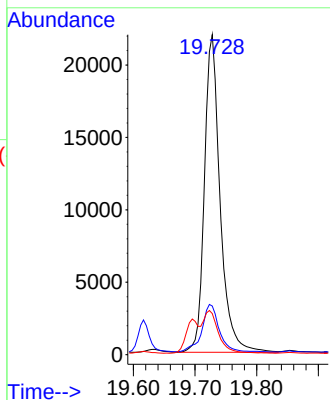
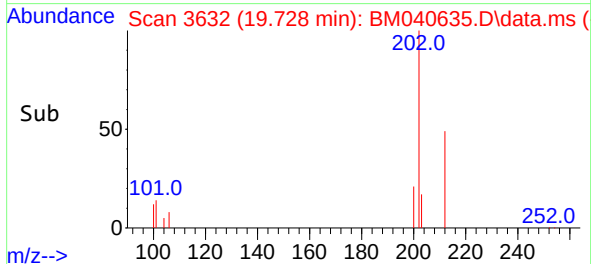
Instrument :
BNA_M
ClientSampleId :
DCGE1DL



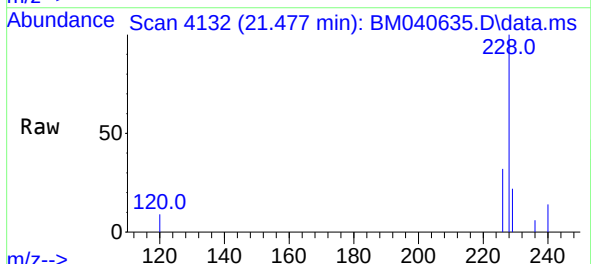
Tgt Ion:202 Resp: 3870
Ion Ratio Lower Upper
202 100
101 15.2 12.6 18.8
100 12.9 9.8 14.6

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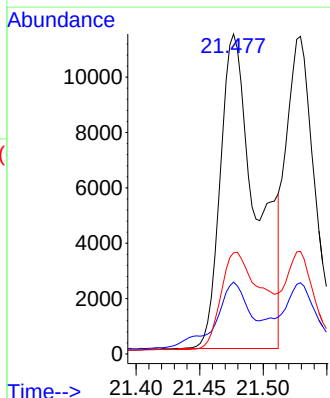
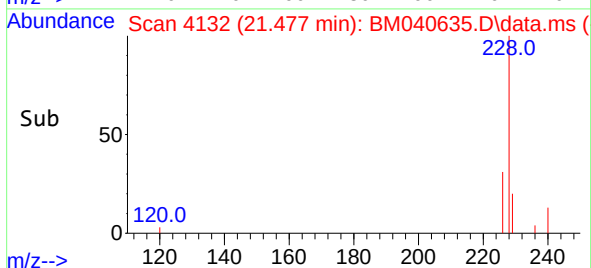
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

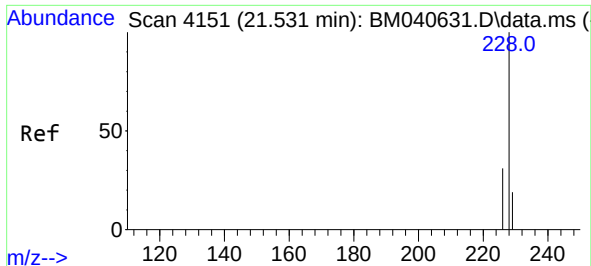


#21
Benzo(a)anthracene
Concen: 0.535 ng/u1
RT: 21.477 min Scan# 4132
Delta R.T. -0.002 min
Lab File: BM040635.D
Acq: 05 Jul 2023 11:23



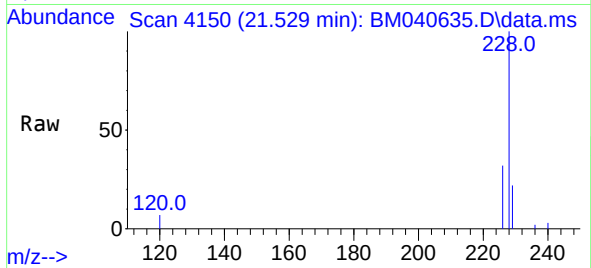
Tgt Ion:228 Resp: 22318
Ion Ratio Lower Upper
228 100
229 22.4 16.0 24.0
226 31.6 22.3 33.5





#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.529 min Scan# 4150
Delta R.T. -0.002 min
Lab File: BM040635.D
Acq: 05 Jul 2023 11:23

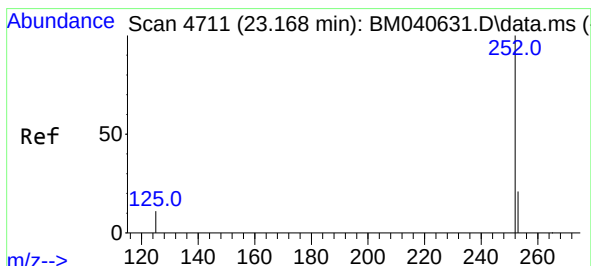
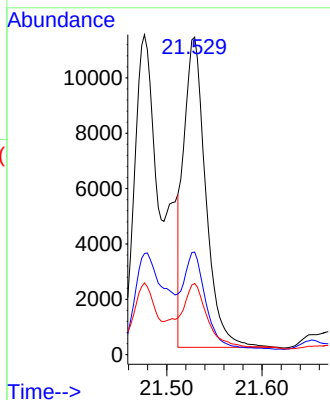
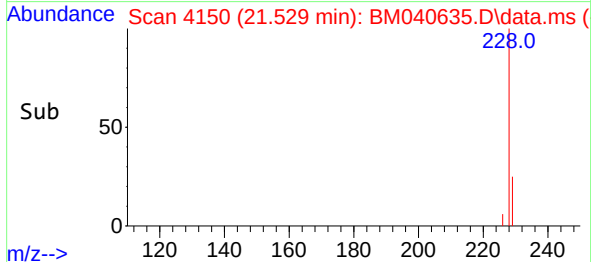
Instrument :
BNA_M
ClientSampleId :
DCGE1DL



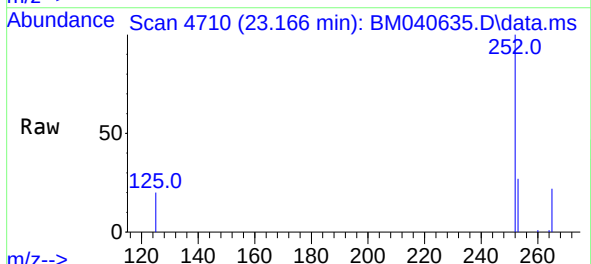
Tgt Ion:228 Resp: 1790
Ion Ratio Lower Upper
228 100
226 32.3 24.9 37.3
229 22.4 15.8 23.6

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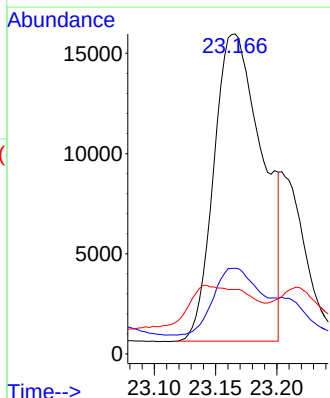
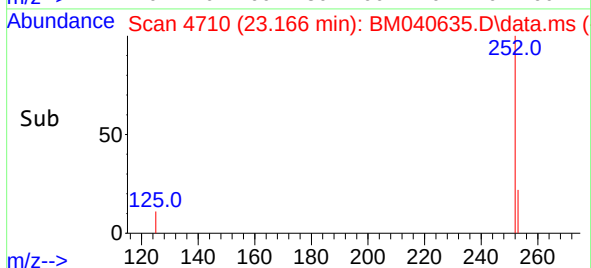
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

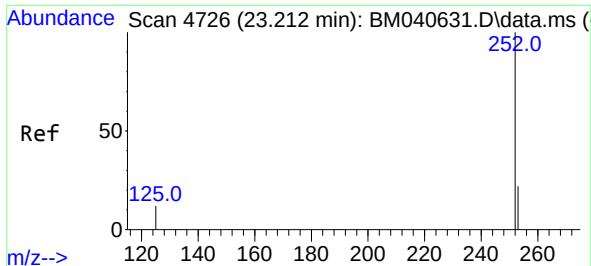


#24
Benzo(b)fluoranthene
Concen: 0.809 ng/ul
RT: 23.166 min Scan# 4710
Delta R.T. -0.002 min
Lab File: BM040635.D
Acq: 05 Jul 2023 11:23



Tgt Ion:252 Resp: 42195
Ion Ratio Lower Upper
252 100
253 26.8 0.0 52.8
125 20.2 0.0 43.0





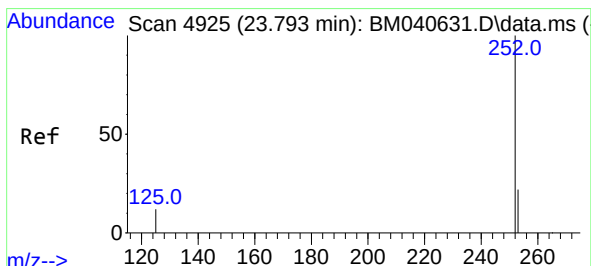
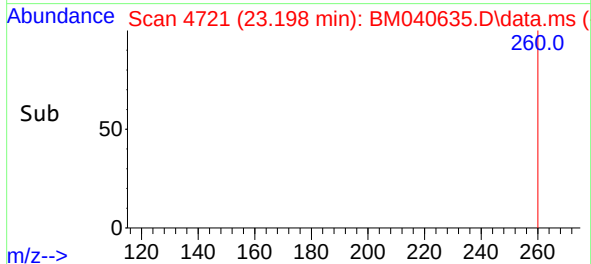
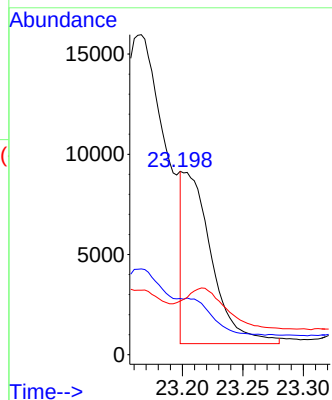
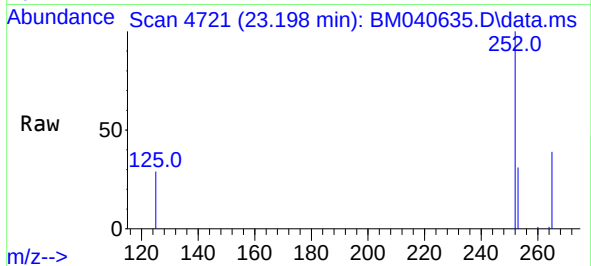
#25
Benzo(k)fluoranthene
Concen: 0.277 ng/ul m
RT: 23.198 min Scan# 4721
Delta R.T. -0.013 min
Lab File: BM040635.D
Acq: 05 Jul 2023 11:23

Instrument :
BNA_M
ClientSampleId :
DCGE1DL

Tgt Ion:252 Resp: 14250
Ion Ratio Lower Upper
252 100
253 30.6 21.2 31.8
125 29.3 16.4 24.6

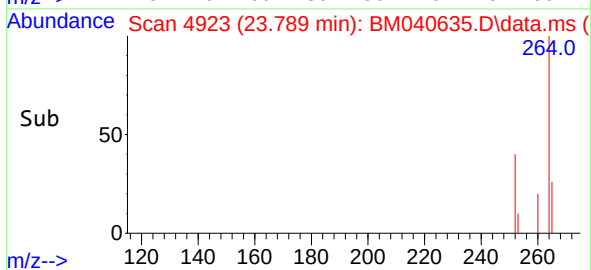
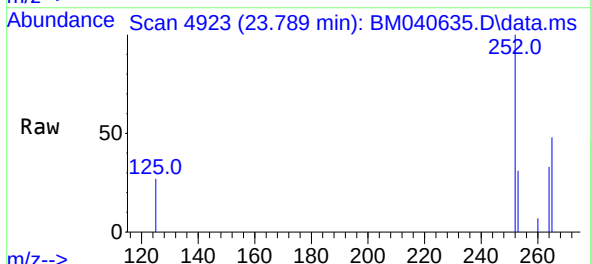
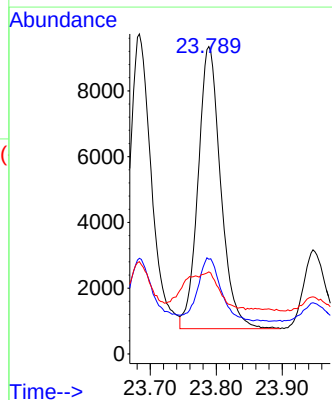
Manual Integrations
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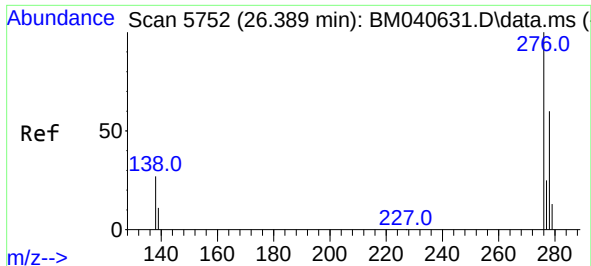
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#26
Benzo(a)pyrene
Concen: 0.437 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.005 min
Lab File: BM040635.D
Acq: 05 Jul 2023 11:23

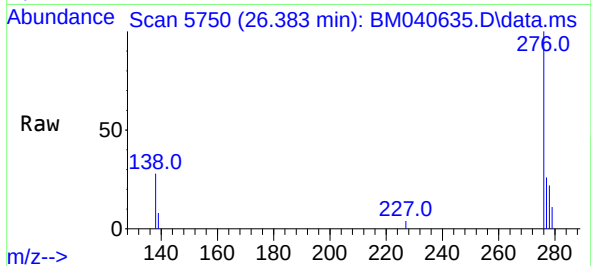
Tgt Ion:252 Resp: 20531
Ion Ratio Lower Upper
252 100
253 30.8 22.9 34.3
125 26.7 21.0 31.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng/ul
RT: 26.383 min Scan# 5750
Delta R.T. -0.005 min
Lab File: BM040635.D
Acq: 05 Jul 2023 11:23

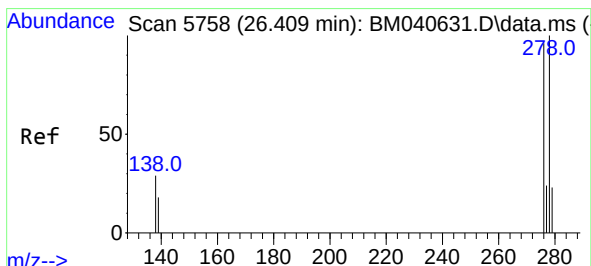
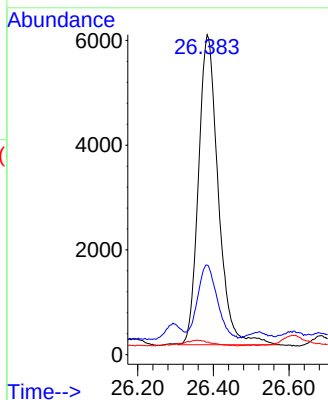
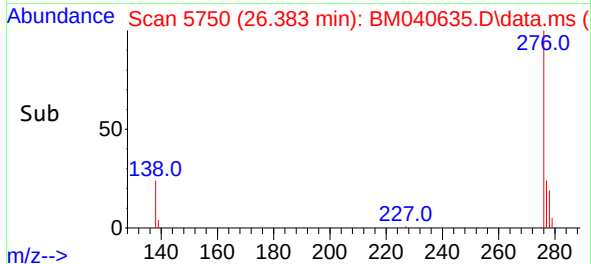
Instrument :
BNA_M
ClientSampleId :
DCGE1DL



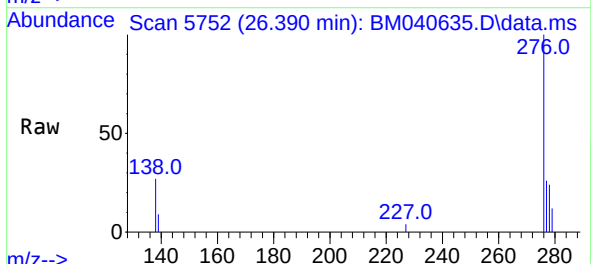
Tgt Ion:276 Resp: 21440
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7#
227 0.0 0.1 0.1#

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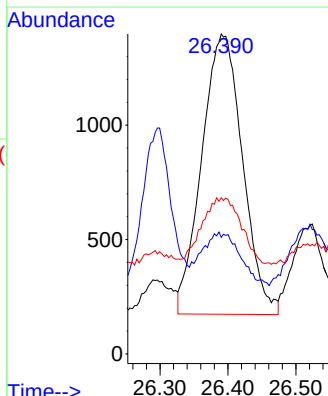
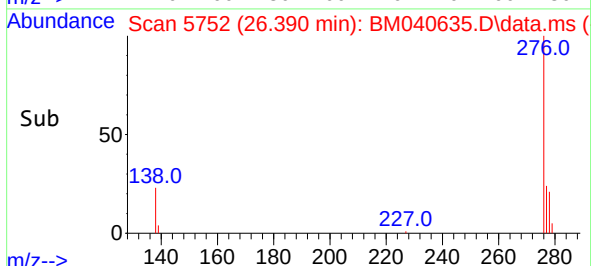
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

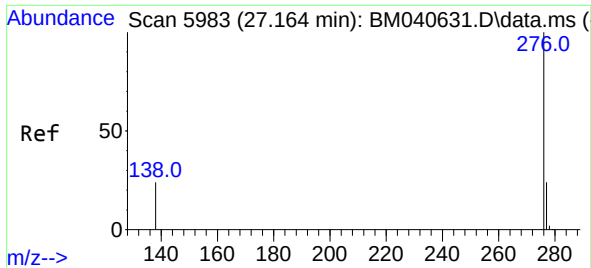


#28
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul
RT: 26.390 min Scan# 5752
Delta R.T. -0.019 min
Lab File: BM040635.D
Acq: 05 Jul 2023 11:23



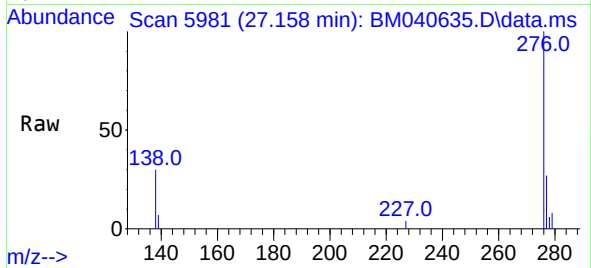
Tgt Ion:278 Resp: 5112
Ion Ratio Lower Upper
278 100
139 36.5 17.9 26.9#
279 48.8 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.336 ng/ul
RT: 27.158 min Scan# 5981
Delta R.T. -0.005 min
Lab File: BM040635.D
Acq: 05 Jul 2023 11:23

Instrument :
BNA_M
ClientSampleId :
DCGE1DL



Tgt Ion: 276 Resp: 1930

Ion	Ratio	Lower	Upper
276	100		
138	30.0	23.0	34.6
277	26.5	20.3	30.5

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/05/2023

