

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043007.D
 Acq On : 25 Nov 2023 09:02
 Operator : MA/JU
 Sample : 05261-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKR0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 27 02:42:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	1266m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.611	136	3589	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.459	164	2222m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	4532m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.403	240	3364m	0.400	ng/ul	-0.02
23) Perylene-d12	23.753	264	3430m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	5077	2.614	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	1498	0.312	ng/ul	-0.02
18) Fluoranthene-d10	19.242	212	4442	0.362	ng/ul	-0.02
Target Compounds						Qvalue
15) Phenanthrene	17.254	178	734m	0.057	ng/ul	
19) Fluoranthene	19.275	202	2179	0.114	ng/ul	97
20) Pyrene	19.633	202	2657	0.131	ng/ul#	81
21) Benzo(a)anthracene	21.386	228	1326m	0.121	ng/ul	
22) Chrysene	21.441	228	1395	0.069	ng/ul	94
24) Benzo(b)fluoranthene	23.034	252	1742	0.150	ng/ul	72
25) Benzo(k)fluoranthene	23.069	252	798m	0.050	ng/ul	
26) Benzo(a)pyrene	23.639	252	1451	0.115	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.225	276	1071	0.063	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.222	278	308	0.023	ng/ul#	1
29) Benzo(g,h,i)perylene	26.993	276	1166	0.070	ng/ul#	80

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

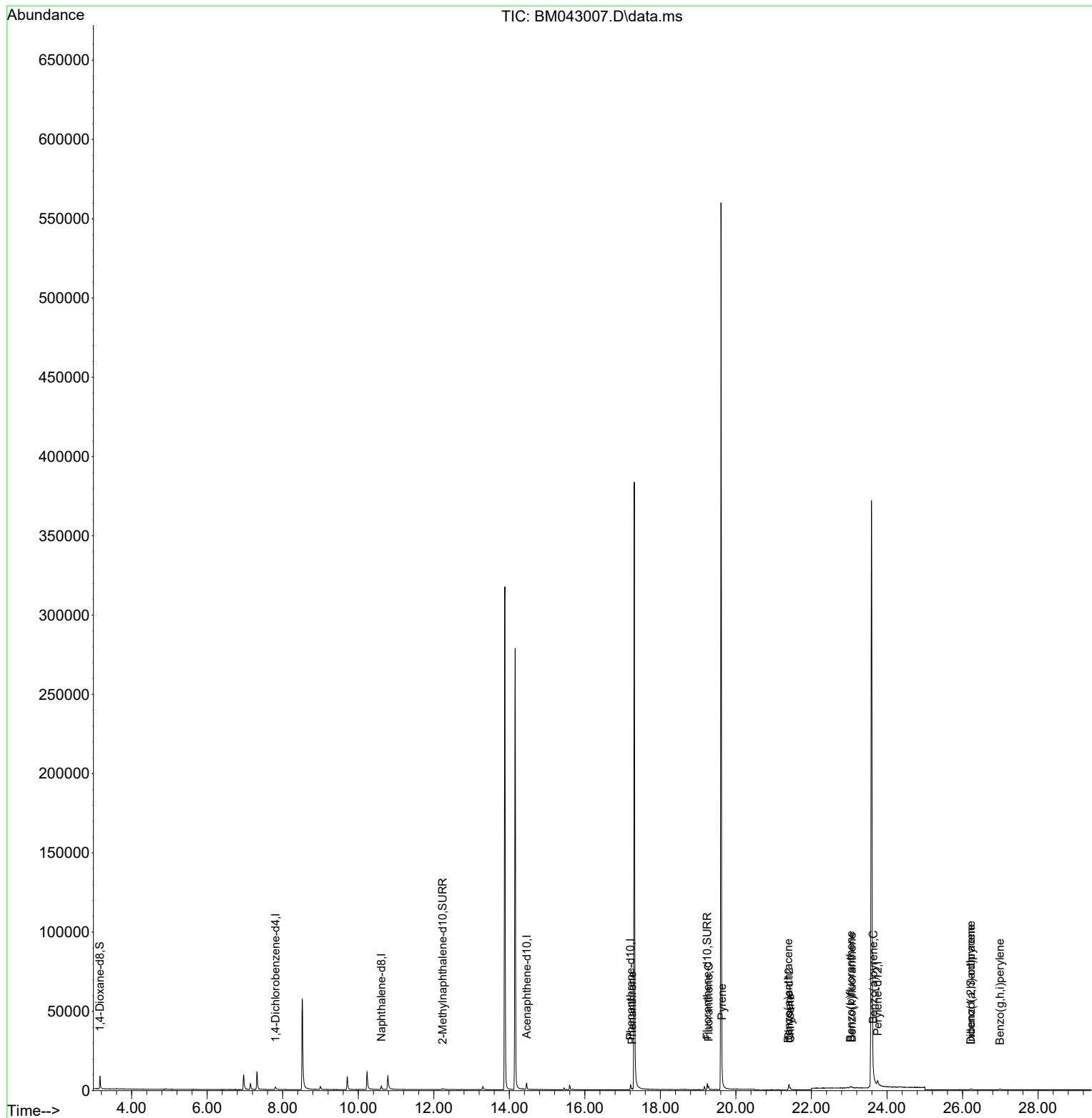
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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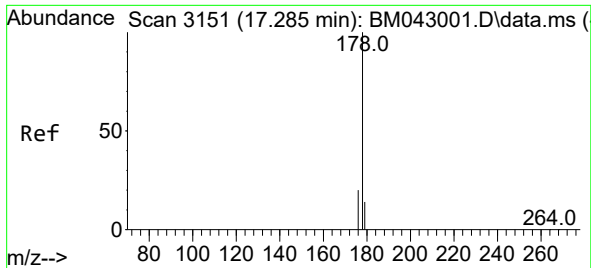
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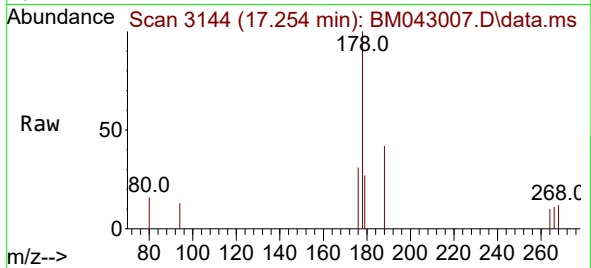
Quant Time: Nov 27 02:42:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
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#15
Phenanthrene
Concen: 0.057 ng/ul m
RT: 17.254 min Scan# 3151
Delta R.T. -0.025 min
Lab File: BM043007.D
Acq: 25 Nov 2023 09:02

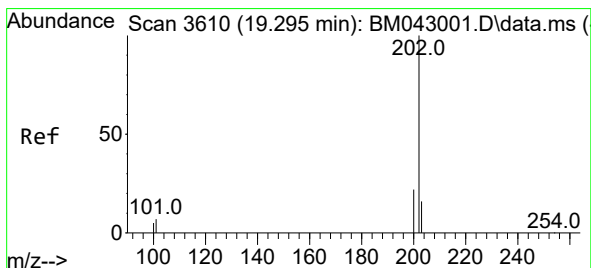
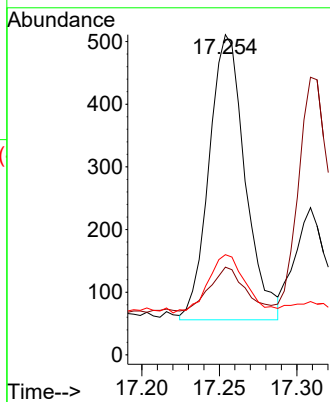
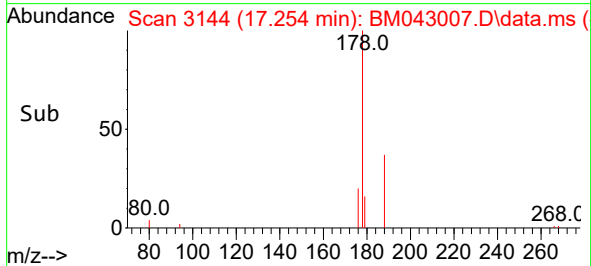
Instrument :
BNA_M
ClientSampleId :
DCKR0



Tgt Ion:178 Resp: 734
Ion Ratio Lower Upper
178 100
179 27.4 15.7 23.5
176 31.3 18.9 28.3

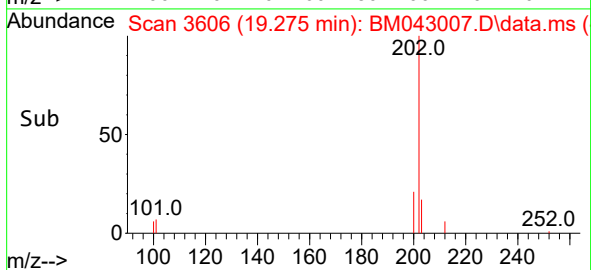
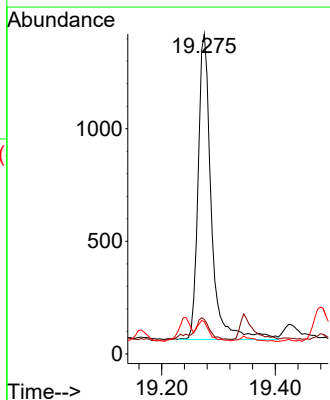
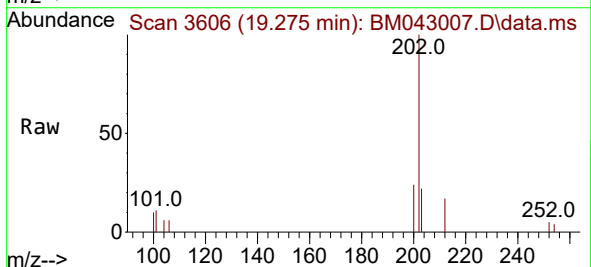
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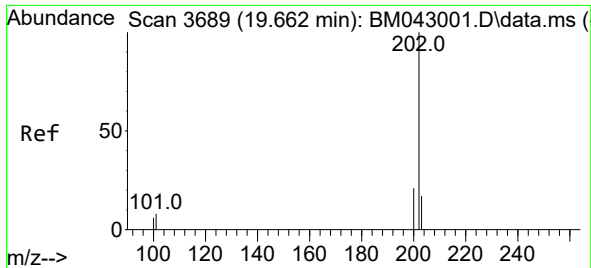
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#19
Fluoranthene
Concen: 0.114 ng/ul
RT: 19.275 min Scan# 3606
Delta R.T. -0.019 min
Lab File: BM043007.D
Acq: 25 Nov 2023 09:02

Tgt Ion:202 Resp: 2179
Ion Ratio Lower Upper
202 100
101 10.8 7.8 11.8
100 10.1 7.1 10.7





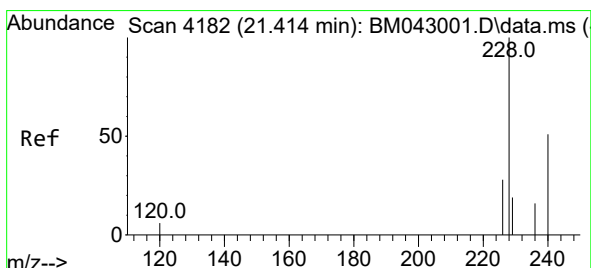
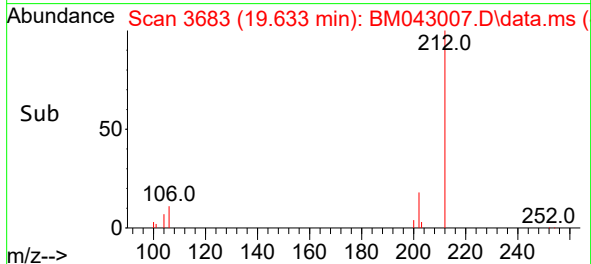
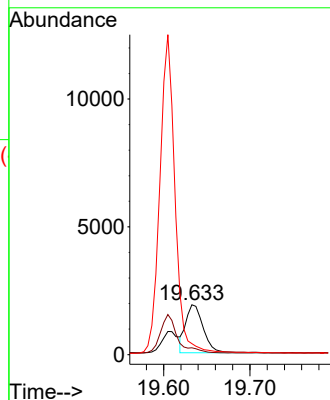
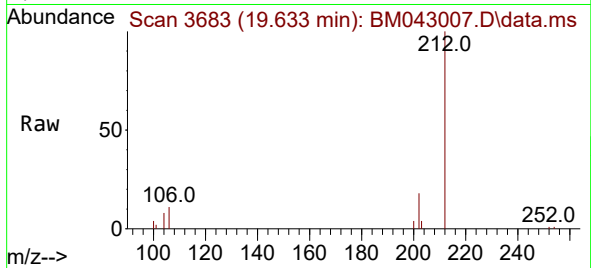
#20
Pyrene
Concen: 0.131 ng/ul
RT: 19.633 min Scan# 3683
Delta R.T. -0.028 min
Lab File: BM043007.D
Acq: 25 Nov 2023 09:02

Instrument :
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ClientSampleId :
DCKR0

Tgt Ion:202 Resp: 265
Ion Ratio Lower Upper
202 100
101 13.7 8.7 13.1
100 22.0 7.8 11.8

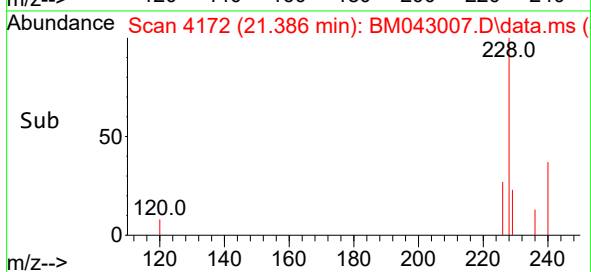
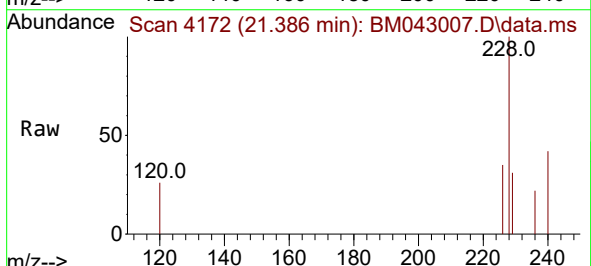
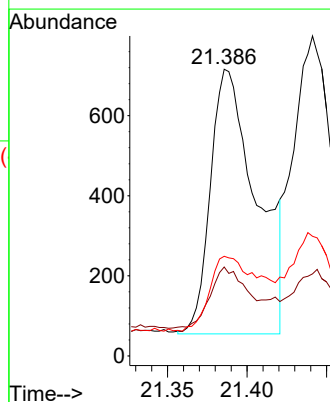
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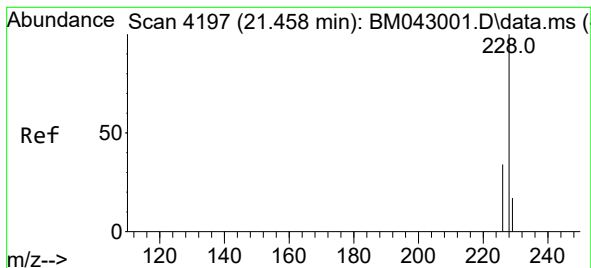
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#21
Benzo(a)anthracene
Concen: 0.121 ng/ul m
RT: 21.386 min Scan# 4172
Delta R.T. -0.026 min
Lab File: BM043007.D
Acq: 25 Nov 2023 09:02

Tgt Ion:228 Resp: 1326
Ion Ratio Lower Upper
228 100
229 31.0 19.4 29.0#
226 34.8 24.9 37.3





#22

Chrysene

Concen: 0.069 ng/ul

RT: 21.441 min Scan# 4191

Delta R.T. -0.017 min

Lab File: BM043007.D

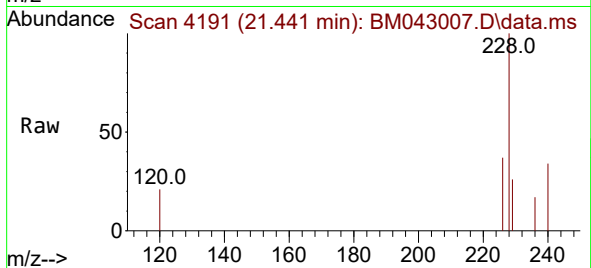
Acq: 25 Nov 2023 09:02

Instrument :

BNA_M

ClientSampleId :

DCKR0



Tgt Ion:228 Resp: 139

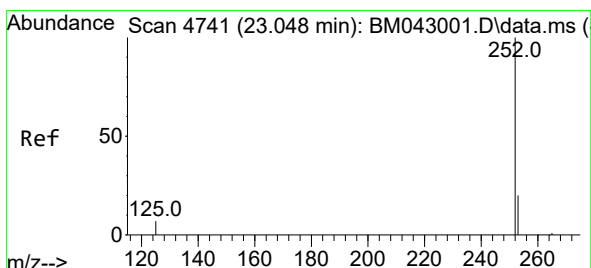
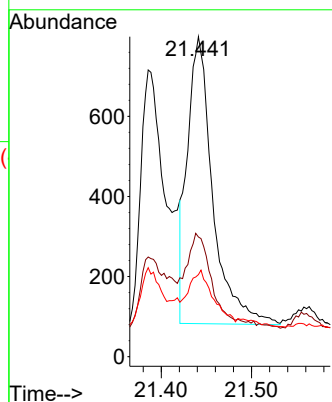
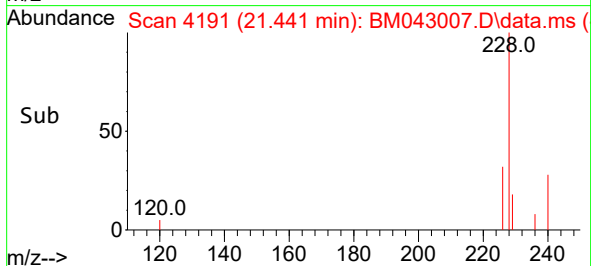
Ion	Ratio	Lower	Upper
228	100		
226	37.4	27.2	40.8
229	25.7	18.0	27.0

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#24

Benzo(b)fluoranthene

Concen: 0.150 ng/ul

RT: 23.034 min Scan# 4736

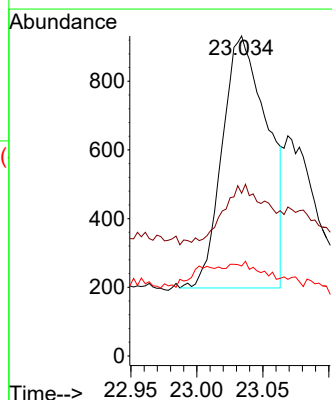
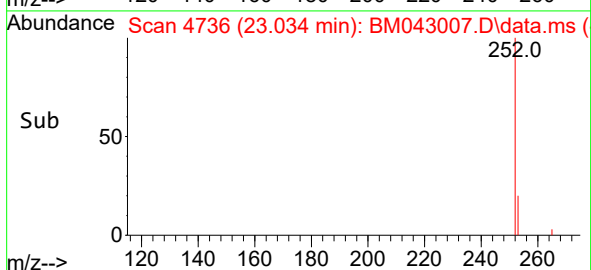
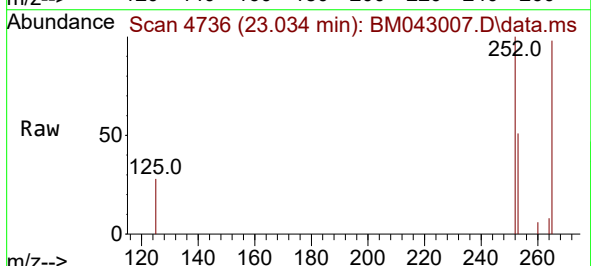
Delta R.T. -0.017 min

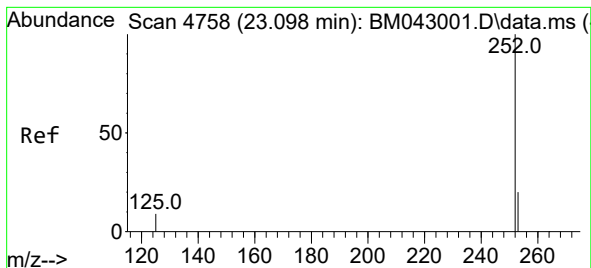
Lab File: BM043007.D

Acq: 25 Nov 2023 09:02

Tgt Ion:252 Resp: 1742

Ion	Ratio	Lower	Upper
252	100		
253	50.9	0.0	71.8
125	28.1	0.0	29.0





#25

Benzo(k)fluoranthene

Concen: 0.050 ng/ul m

RT: 23.069 min Scan# 4

Delta R.T. -0.029 min

Lab File: BM043007.D

Acq: 25 Nov 2023 09:02

Instrument :

BNM

ClientSampleId :

DCKR0

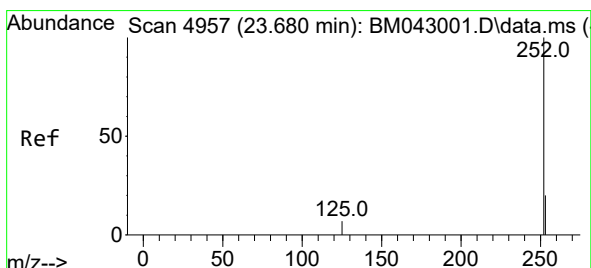
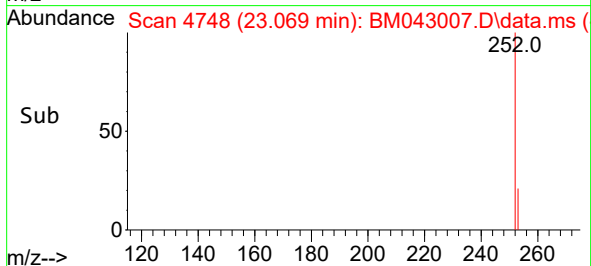
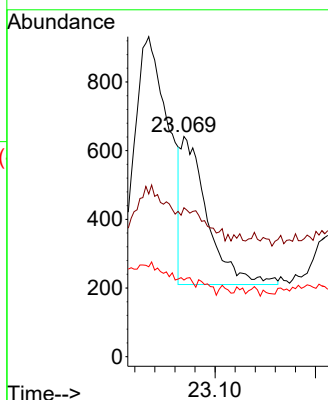
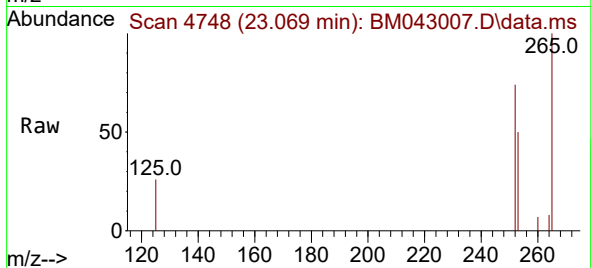
Tgt Ion:252	Resp:	798
Ion Ratio	Lower	Upper
252	100	
253	67.7	28.2 42.2
125	34.8	11.0 16.6

Manual Integrations

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Supervised By :mohammad ahmed 11/28/2023



#26

Benzo(a)pyrene

Concen: 0.115 ng/ul

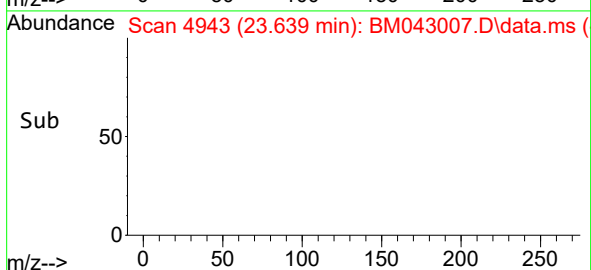
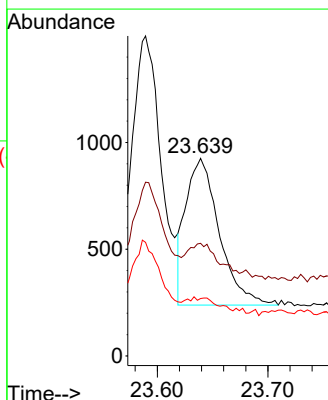
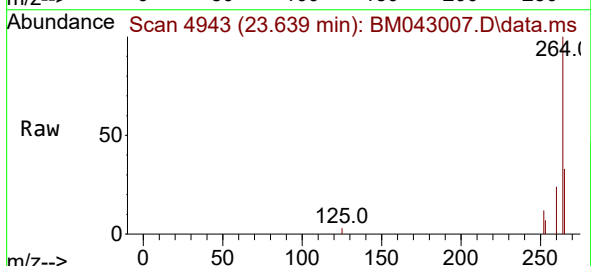
RT: 23.639 min Scan# 4943

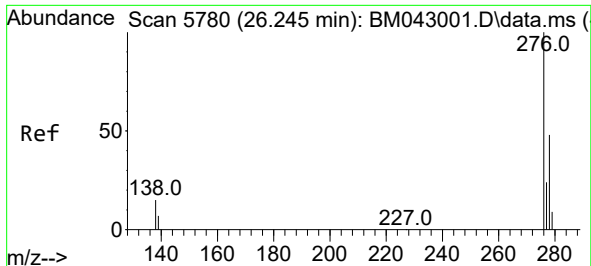
Delta R.T. -0.047 min

Lab File: BM043007.D

Acq: 25 Nov 2023 09:02

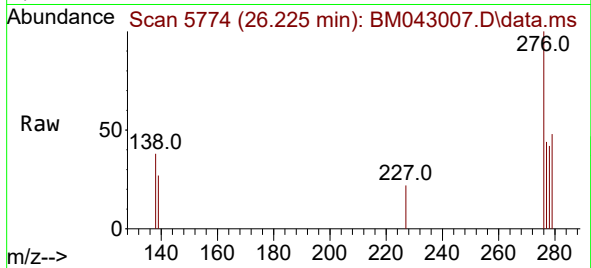
Tgt Ion:252	Resp:	1451
Ion Ratio	Lower	Upper
252	100	
253	57.0	36.6 55.0#
125	29.0	16.2 24.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.063 ng/ul
RT: 26.225 min Scan# 5774
Delta R.T. -0.013 min
Lab File: BM043007.D
Acq: 25 Nov 2023 09:02

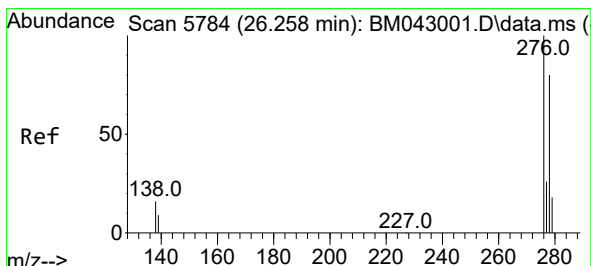
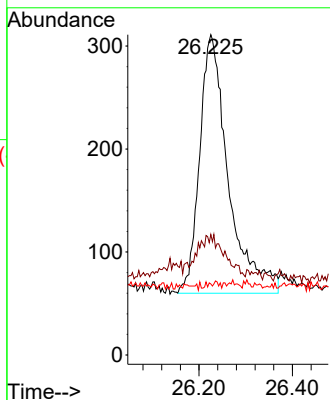
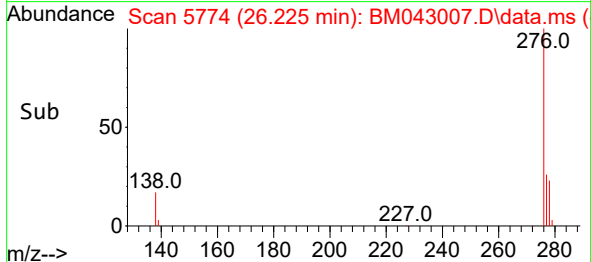
Instrument :
BNA_M
ClientSampleId :
DCKR0



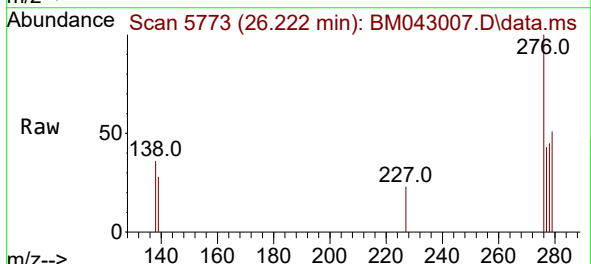
Tgt Ion:276 Resp: 107
Ion Ratio Lower Upper
276 100
138 16.8 0.0 0.0
227 0.2 0.2 0.2

Manual Integrations
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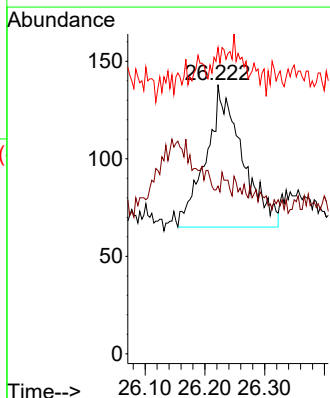
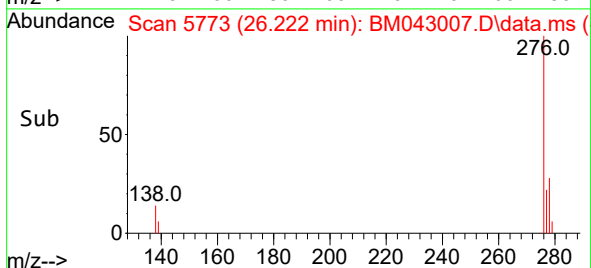
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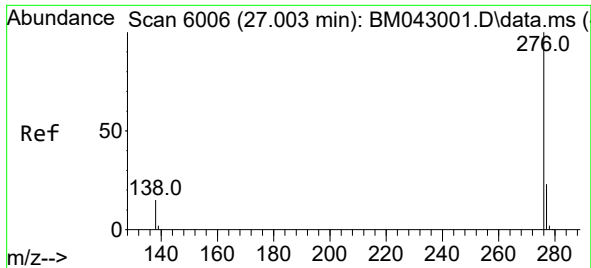


#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 26.222 min Scan# 5773
Delta R.T. -0.054 min
Lab File: BM043007.D
Acq: 25 Nov 2023 09:02



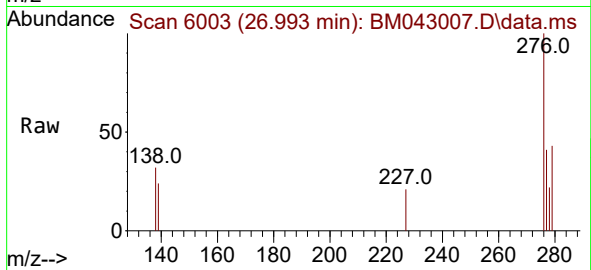
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Ion Ratio Lower Upper
278 100
139 62.3 18.1 27.1#
279 113.8 34.4 51.6#





#29
Benzo(g,h,i)perylene
Concen: 0.070 ng/ul
RT: 26.993 min Scan# 6003
Delta R.T. -0.017 min
Lab File: BM043007.D
Acq: 25 Nov 2023 09:02

Instrument :
BNA_M
ClientSampleId :
DCKR0



Tgt Ion:276 Resp: 1160
Ion Ratio Lower Upper
276 100
138 31.9 17.8 26.8
277 40.6 23.8 35.8

Manual Integrations
APPROVED

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