

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043004.D
 Acq On : 25 Nov 2023 07:14
 Operator : MA/JU
 Sample : 05261-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKQ7

Manual Integrations
 APPROVED

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

Quant Time: Nov 27 02:42:12 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	7.813	152	1101m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.612	136	3263	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.456	164	1922m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.213	188	3792m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.406	240	2548m	0.400	ng/ul	-0.02
23) Perylene-d12	23.756	264	2267m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3364	1.991	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	1027	0.235	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	2657	0.286	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.187	152	296	0.030	ng/ul#	60
15) Phenanthrene	17.255	178	1411	0.130	ng/ul	97
19) Fluoranthene	19.276	202	3223	0.223	ng/ul	98
20) Pyrene	19.634	202	3750m	0.244	ng/ul	
21) Benzo(a)anthracene	21.388	228	1364m	0.165	ng/ul	
22) Chrysene	21.441	228	1671	0.109	ng/ul#	91
24) Benzo(b)fluoranthene	23.033	252	2006	0.262	ng/ul#	74
25) Benzo(k)fluoranthene	23.074	252	944m	0.090	ng/ul	
26) Benzo(a)pyrene	23.644	252	1548	0.185	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.225	276	1281	0.113	ng/ul#	100
29) Benzo(g,h,i)perylene	26.989	276	1421	0.129	ng/ul#	86

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

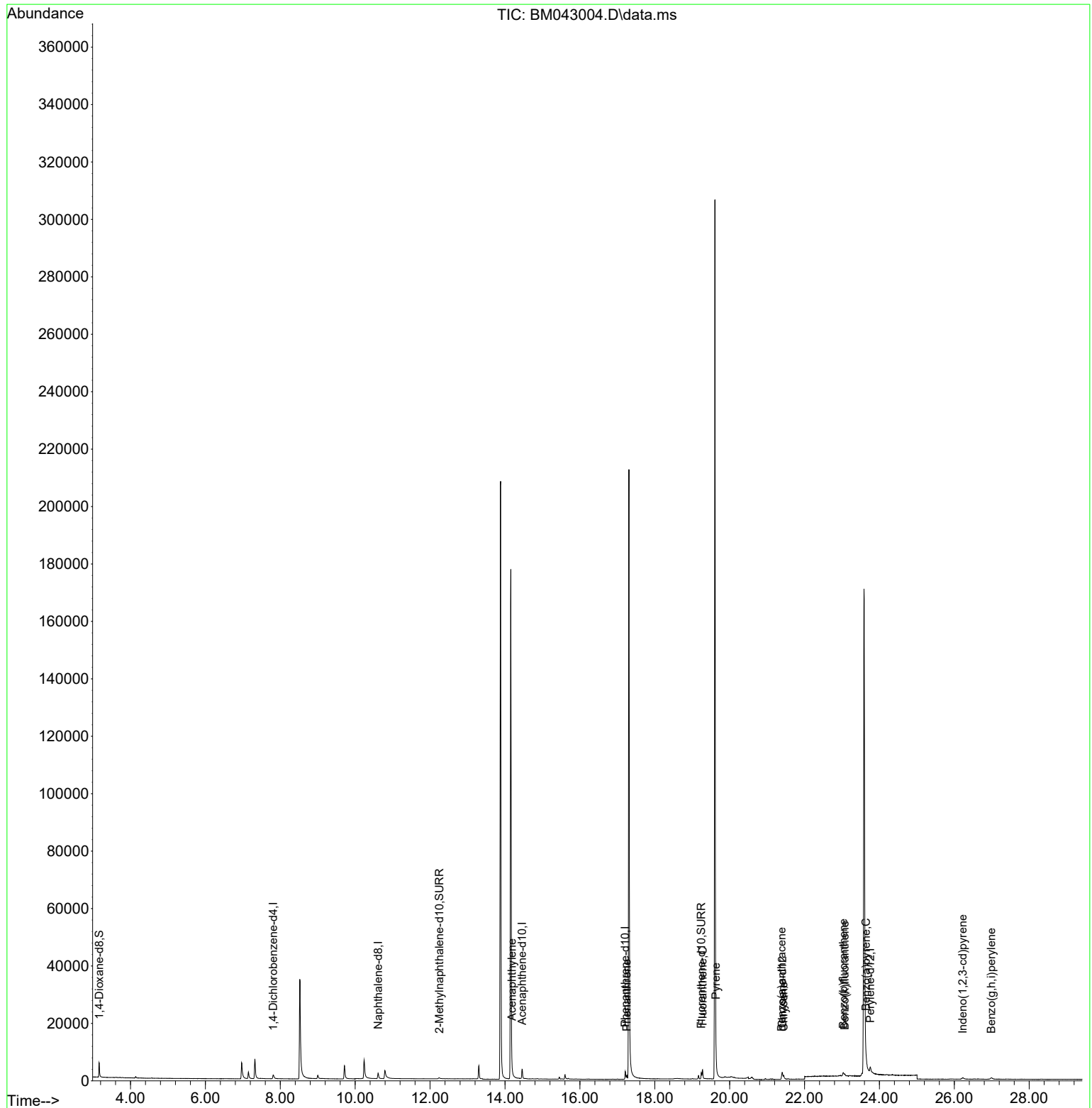
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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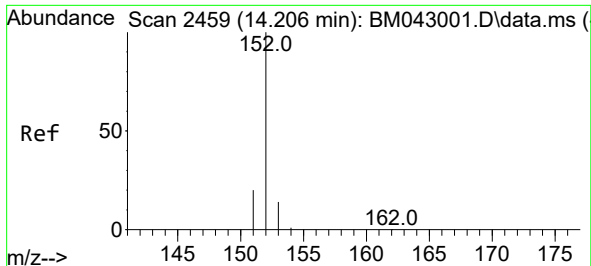
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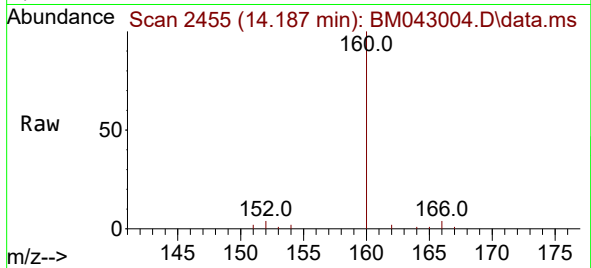
Quant Time: Nov 27 02:42:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
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#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.187 min Scan# 2455
Delta R.T. -0.017 min
Lab File: BM043004.D
Acq: 25 Nov 2023 07:14

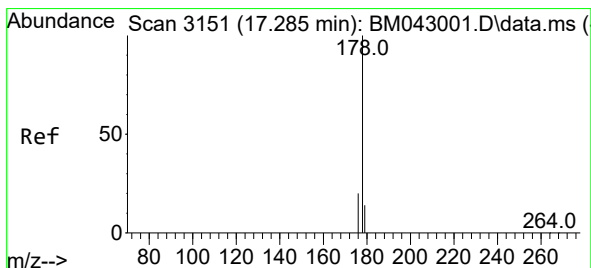
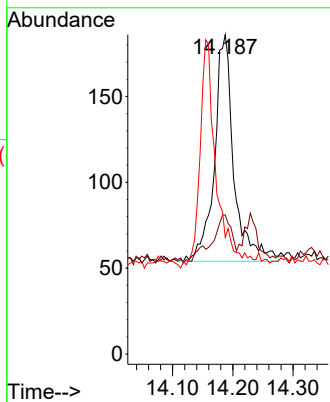
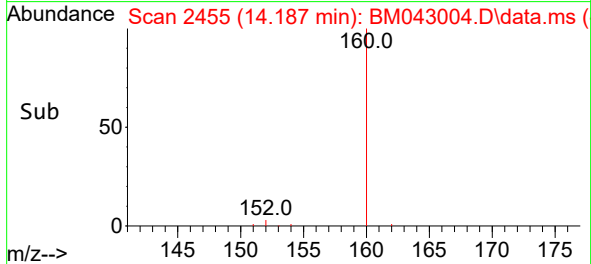
Instrument :
BNA_M
ClientSampleId :
DCKQ7



Tgt Ion:152 Resp: 290
Ion Ratio Lower Upper
152 100
151 43.5 19.4 29.0
153 36.6 14.6 21.8

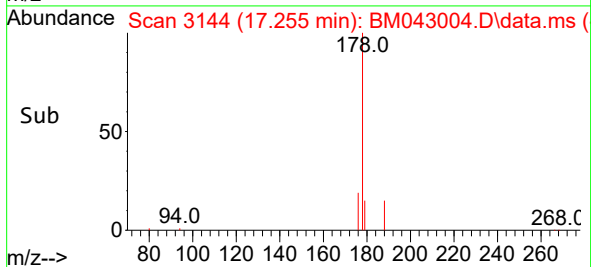
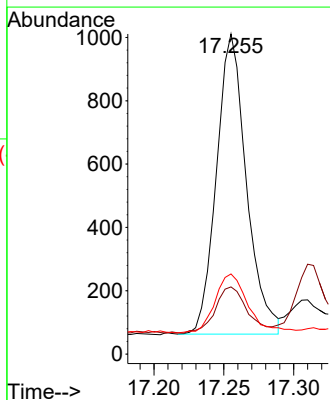
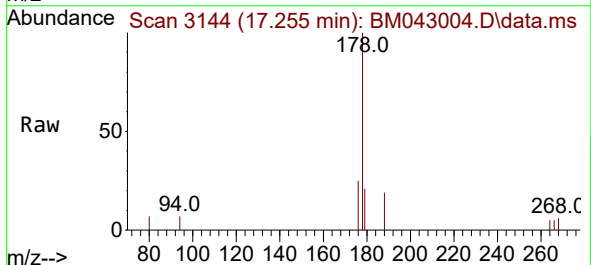
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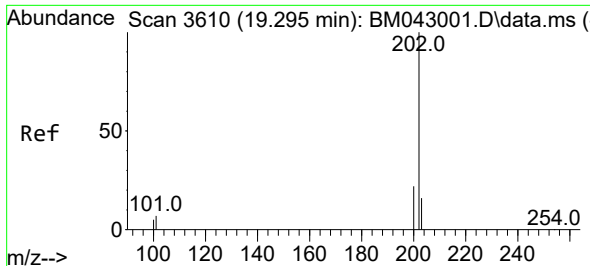
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#15
Phenanthrene
Concen: 0.130 ng/ul
RT: 17.255 min Scan# 3144
Delta R.T. -0.024 min
Lab File: BM043004.D
Acq: 25 Nov 2023 07:14

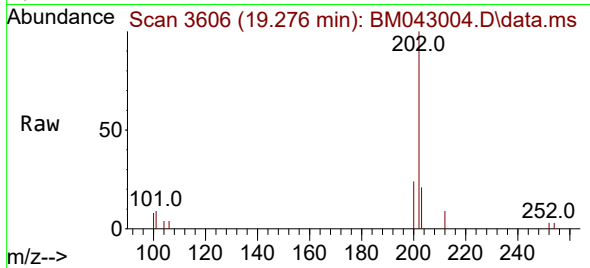
Tgt Ion:178 Resp: 1411
Ion Ratio Lower Upper
178 100
179 21.0 15.7 23.5
176 25.0 18.9 28.3





#19
Fluoranthene
Concen: 0.223 ng/ul
RT: 19.276 min Scan# 3606
Delta R.T. -0.017 min
Lab File: BM043004.D
Acq: 25 Nov 2023 07:14

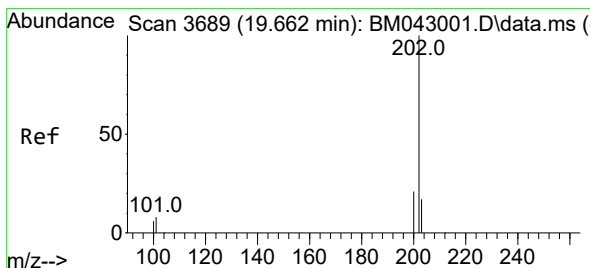
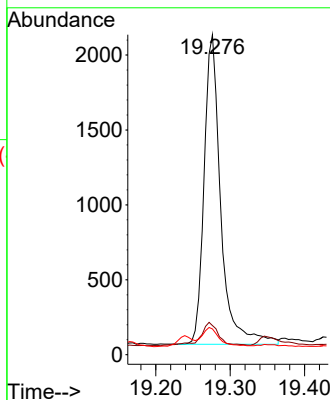
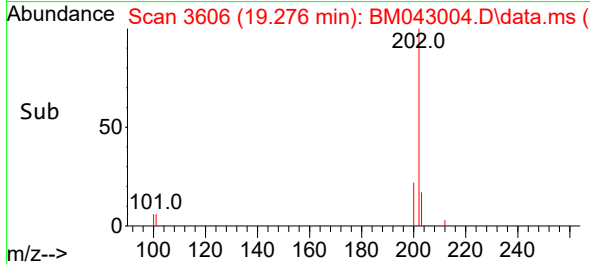
Instrument :
BNA_M
ClientSampleId :
DCKQ7



Tgt Ion:202 Resp: 322
Ion Ratio Lower Upper
202 100
101 9.1 7.8 11.8
100 8.1 7.1 10.7

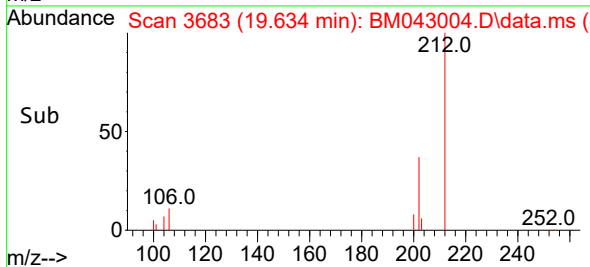
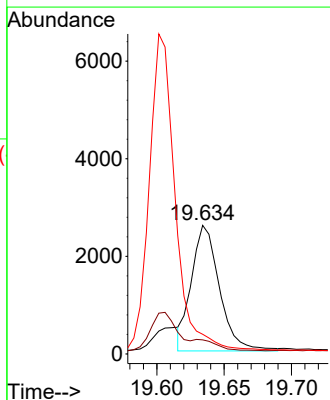
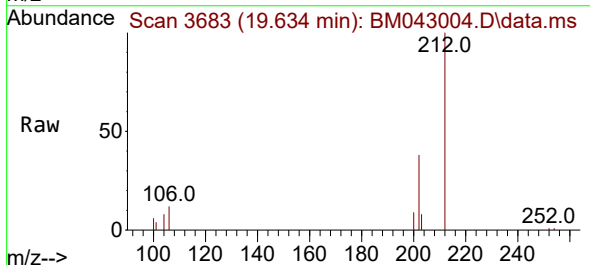
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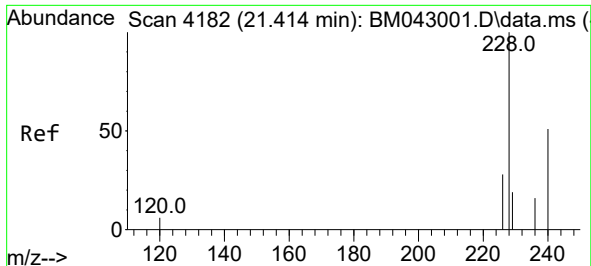
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#20
Pyrene
Concen: 0.244 ng/ul m
RT: 19.634 min Scan# 3683
Delta R.T. -0.027 min
Lab File: BM043004.D
Acq: 25 Nov 2023 07:14

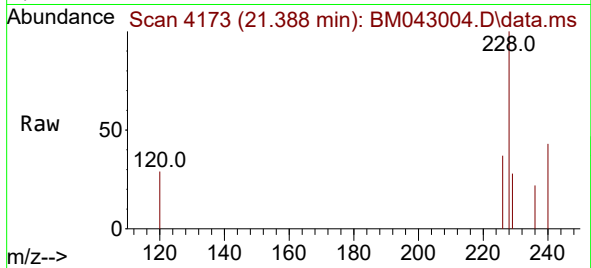
Tgt Ion:202 Resp: 3750
Ion Ratio Lower Upper
202 100
101 10.9 8.7 13.1
100 15.3 7.8 11.8#





#21
Benzo(a)anthracene
Concen: 0.165 ng/ul m
RT: 21.388 min Scan# 4182
Delta R.T. -0.024 min
Lab File: BM043004.D
Acq: 25 Nov 2023 07:14

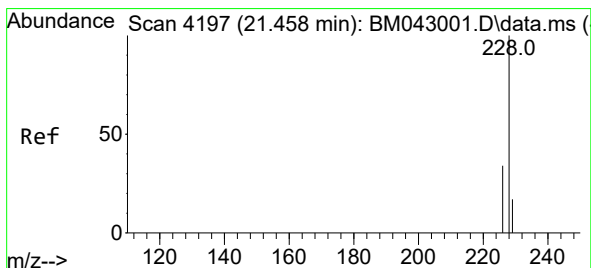
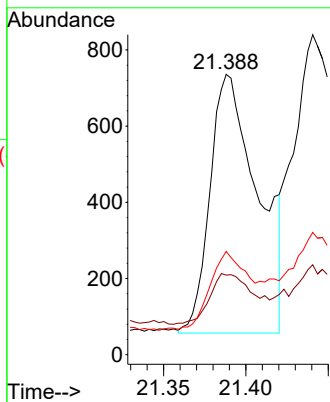
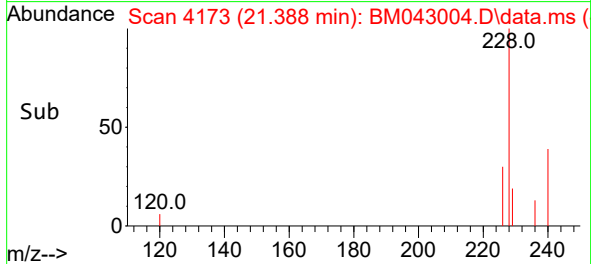
Instrument :
BNA_M
ClientSampleId :
DCKQ7



Tgt Ion:228 Resp: 1364
Ion Ratio Lower Upper
228 100
229 28.4 19.4 29.0
226 36.8 24.9 37.3

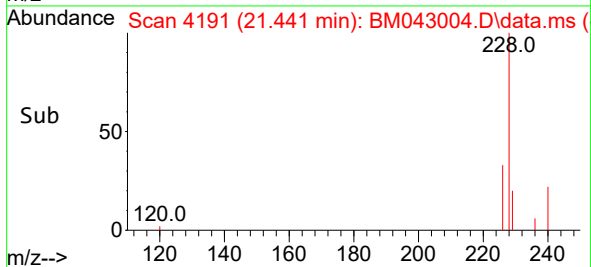
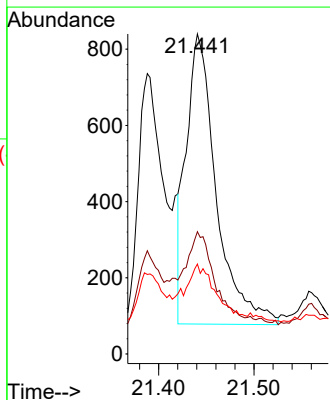
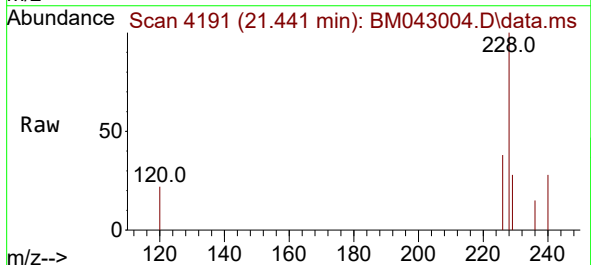
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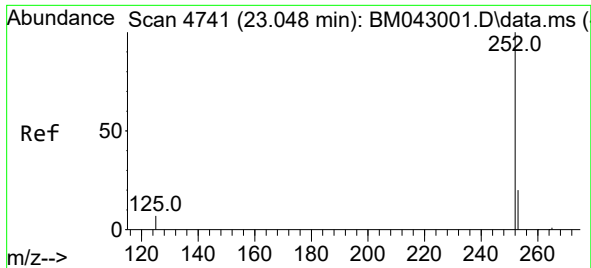
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#22
Chrysene
Concen: 0.109 ng/ul
RT: 21.441 min Scan# 4191
Delta R.T. -0.018 min
Lab File: BM043004.D
Acq: 25 Nov 2023 07:14

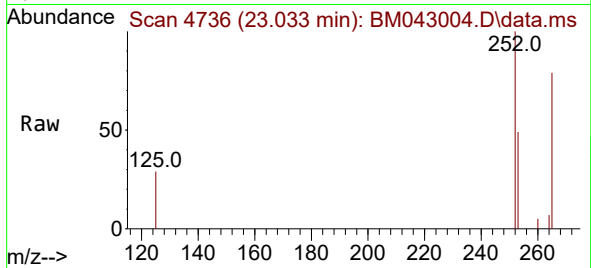
Tgt Ion:228 Resp: 1671
Ion Ratio Lower Upper
228 100
226 38.2 27.2 40.8
229 28.1 18.0 27.0#





#24
Benzo(b)fluoranthene
Concen: 0.262 ng/ul
RT: 23.033 min Scan# 4736
Delta R.T. -0.018 min
Lab File: BM043004.D
Acq: 25 Nov 2023 07:14

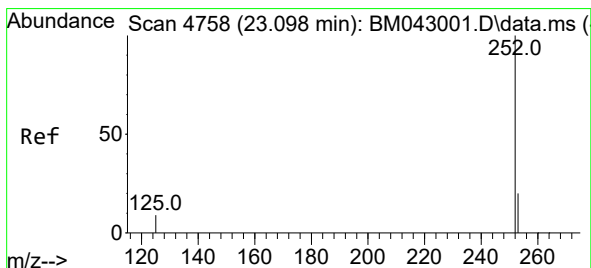
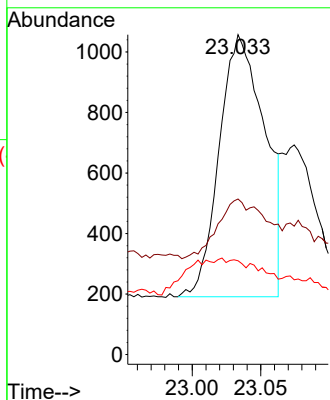
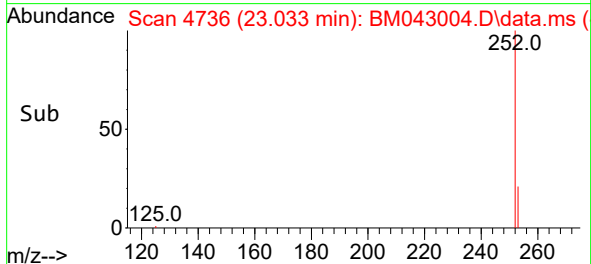
Instrument :
BNA_M
ClientSampleId :
DCKQ7



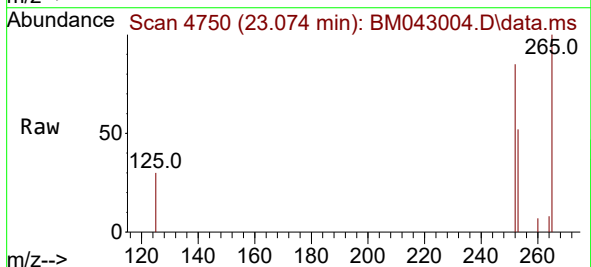
Tgt Ion:252 Resp: 2000
Ion Ratio Lower Upper
252 100
253 48.6 0.0 71.8
125 29.3 0.0 29.0

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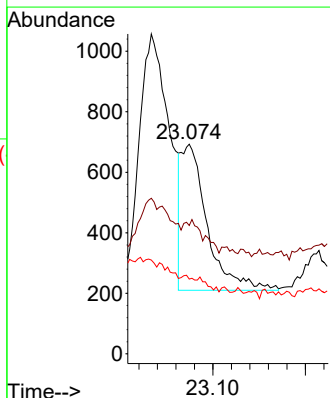
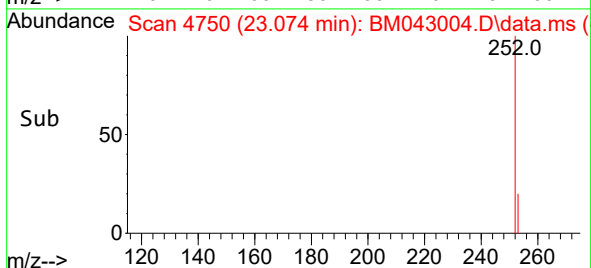
Reviewed By :Yogesh Patel 11/28/2023
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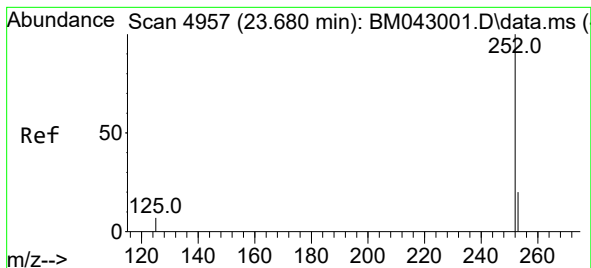


#25
Benzo(k)fluoranthene
Concen: 0.090 ng/ul m
RT: 23.074 min Scan# 4750
Delta R.T. -0.024 min
Lab File: BM043004.D
Acq: 25 Nov 2023 07:14



Tgt Ion:252 Resp: 944
Ion Ratio Lower Upper
252 100
253 61.2 28.2 42.2#
125 35.6 11.0 16.6#





#26

Benzo(a)pyrene

Concen: 0.185 ng/ul

RT: 23.644 min Scan# 4945

Delta R.T. -0.041 min

Lab File: BM043004.D

Acq: 25 Nov 2023 07:14

Instrument :

BNM

ClientSampleId :

DCKQ7

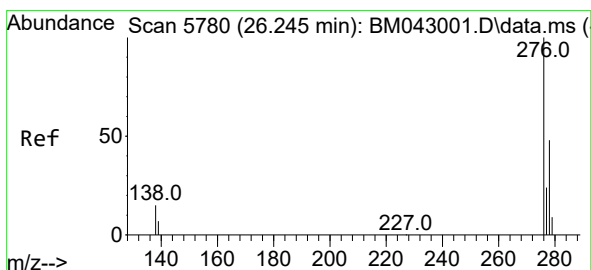
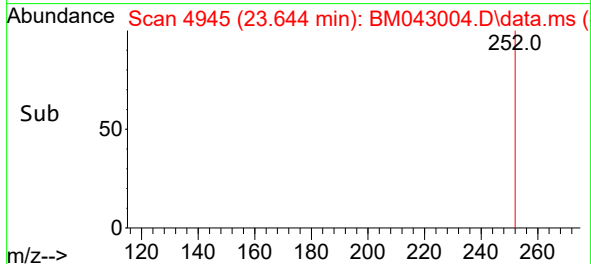
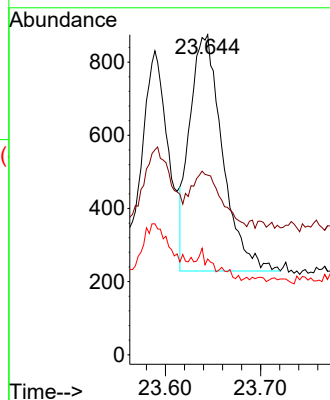
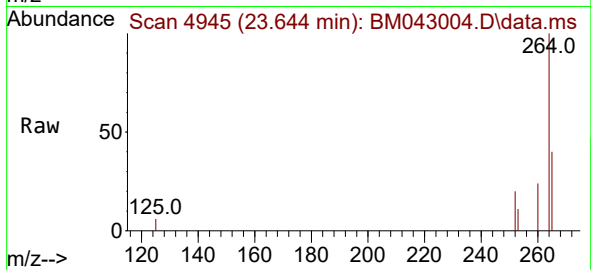
Tgt Ion:	252	Resp:	154
Ion Ratio	Lower	Upper	
252	100		
253	56.1	36.6	55.0
125	29.9	16.2	24.4

Manual Integrations

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Supervised By :mohammad ahmed 11/28/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.113 ng/ul

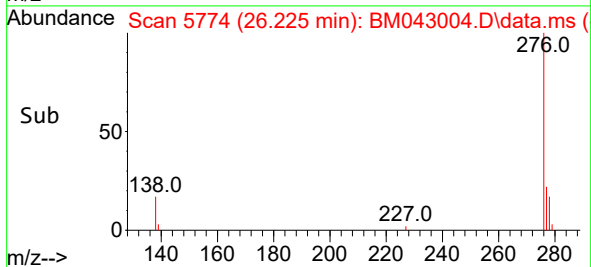
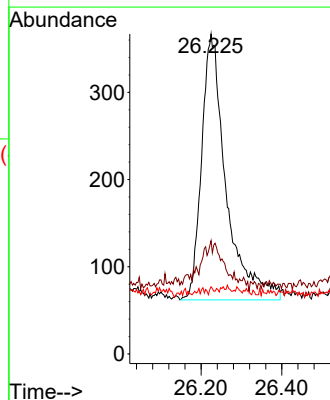
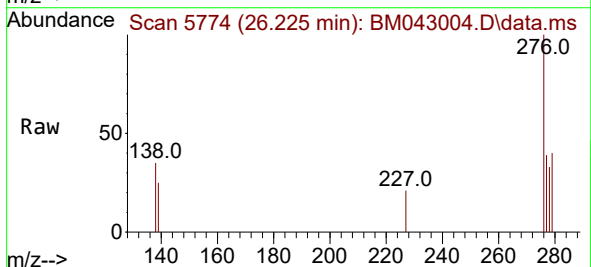
RT: 26.225 min Scan# 5774

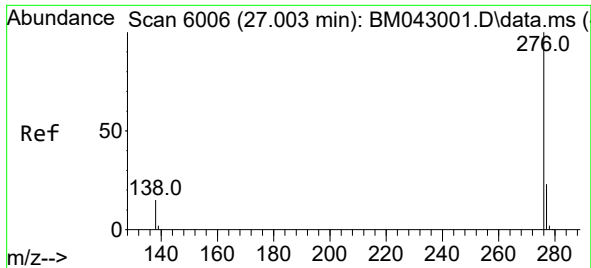
Delta R.T. -0.014 min

Lab File: BM043004.D

Acq: 25 Nov 2023 07:14

Tgt Ion:	276	Resp:	1281
Ion Ratio	Lower	Upper	
276	100		
138	12.5	0.0	0.0
227	0.5	0.2	0.2





#29

Benzo(g,h,i)perylene

Concen: 0.129 ng/ul

RT: 26.989 min Scan# 6002

Delta R.T. -0.021 min

Lab File: BM043004.D

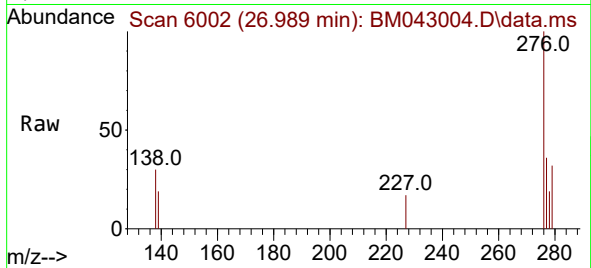
Acq: 25 Nov 2023 07:14

Instrument :

BNA_M

ClientSampleId :

DCKQ7



Tgt Ion:276 Resp: 142

Ion Ratio Lower Upper

276 100

138 30.2 17.8 26.8

277 36.3 23.8 35.8

Manual Integrations

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Supervised By :mohammad ahmed 11/28/2023

