

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043149.D
 Acq On : 02 Dec 2023 07:57
 Operator : MA/JU
 Sample : 05439-15
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 22:40:45 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 : Sat Dec 02 01:12:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	1089	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.594	136	3205	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.445	164	1993m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.203	188	4152m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.409	240	2435m	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	3706m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	1972	1.180	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.239	152	1114	0.260	ng/ul	0.02
18) Fluoranthene-d10	19.233	212	3201	0.361	ng/ul	0.00
Target Compounds						
15) Phenanthrene	17.241	178	298m	0.025	ng/ul	Qvalue
19) Fluoranthene	19.266	202	823	0.060	ng/ul#	83
21) Benzo(a)anthracene	21.397	228	814	0.103	ng/ul	94
22) Chrysene	21.447	228	1260	0.086	ng/ul	95
24) Benzo(b)fluoranthene	23.019	252	1018	0.081	ng/ul	73
25) Benzo(k)fluoranthene	23.069	252	989	0.057	ng/ul#	67
26) Benzo(a)pyrene	23.627	252	1048	0.077	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.255	276	1185	0.064	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.262	278	899	0.063	ng/ul#	62
29) Benzo(g,h,i)perylene	26.997	276	1076	0.060	ng/ul#	76

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

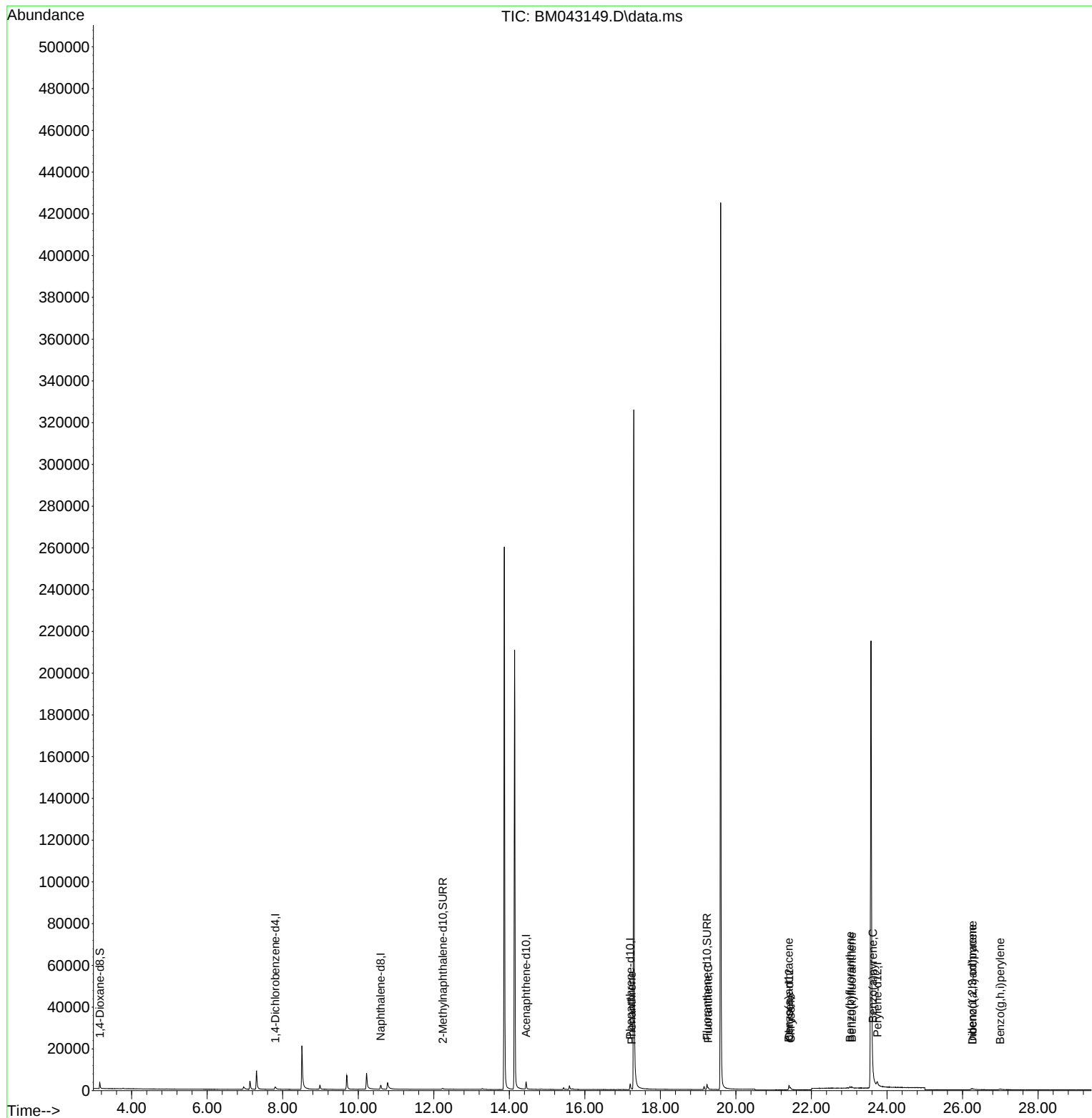
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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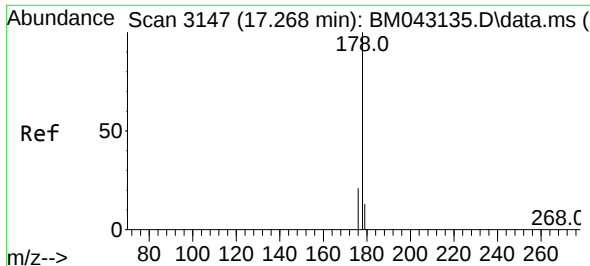
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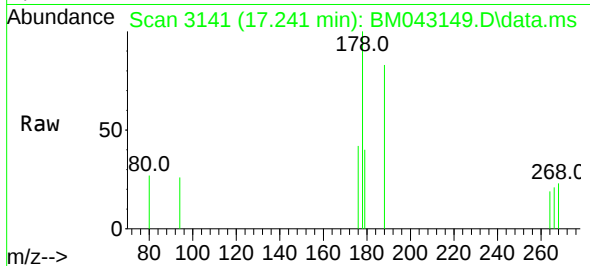
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QLast Update : Sat Dec 02 01:12:12 2023
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#15
Phenanthrene
Concen: 0.025 ng/ul m
RT: 17.241 min Scan# 3141
Delta R.T. -0.018 min
Lab File: BM043149.D
Acq: 02 Dec 2023 07:57

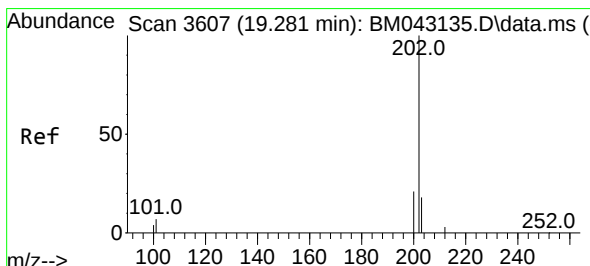
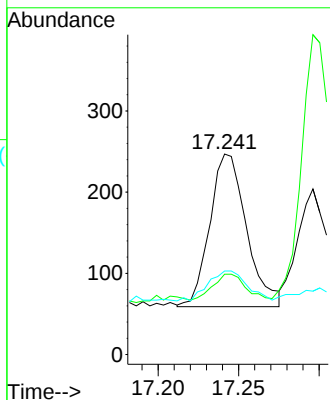
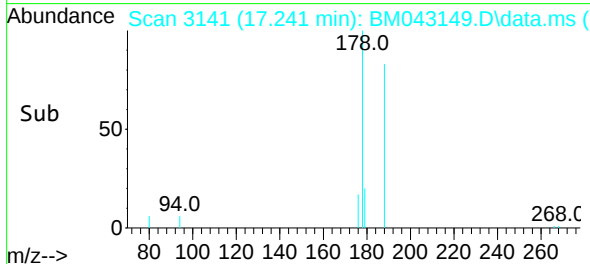
Instrument :
BNA_M
ClientSampleId :
C0AD7



Tgt Ion:178 Resp: 298
Ion Ratio Lower Upper
178 100
179 40.1 15.7 23.5#
176 41.7 18.9 28.3#

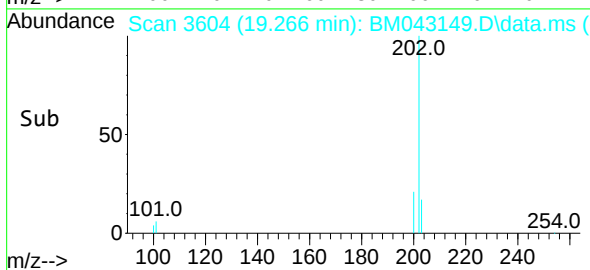
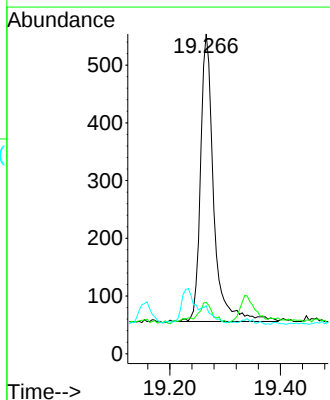
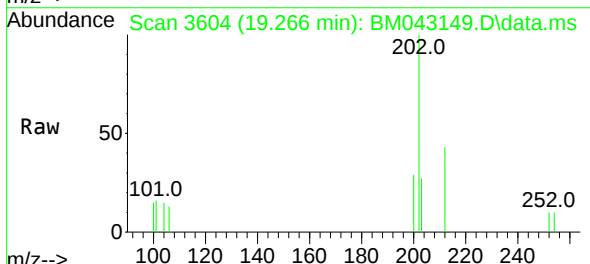
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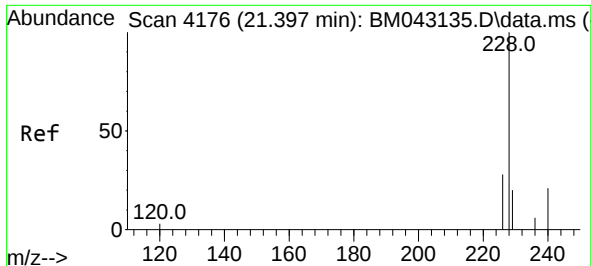
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#19
Fluoranthene
Concen: 0.060 ng/ul
RT: 19.266 min Scan# 3604
Delta R.T. -0.006 min
Lab File: BM043149.D
Acq: 02 Dec 2023 07:57

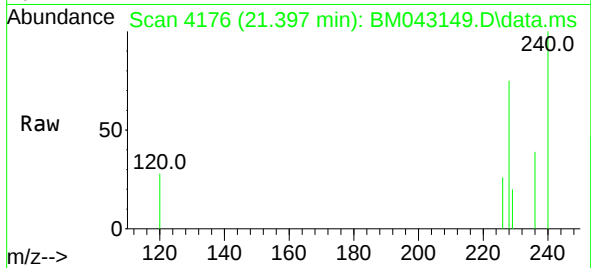
Tgt Ion:202 Resp: 823
Ion Ratio Lower Upper
202 100
101 16.1 7.8 11.8#
100 15.0 7.1 10.7#





#21
Benzo(a)anthracene
Concen: 0.103 ng/u1
RT: 21.397 min Scan# 4176
Delta R.T. 0.009 min
Lab File: BM043149.D
Acq: 02 Dec 2023 07:57

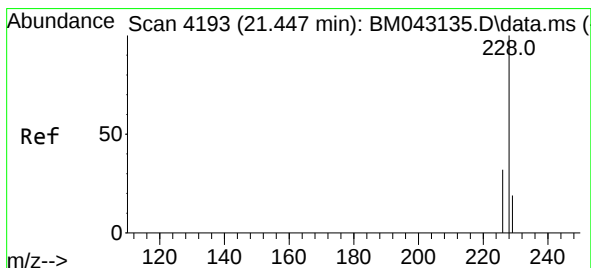
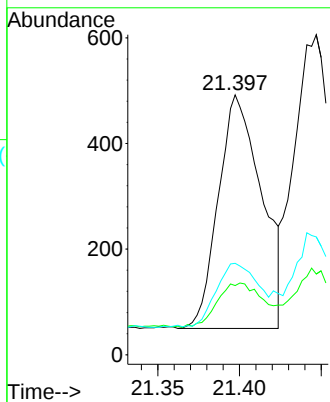
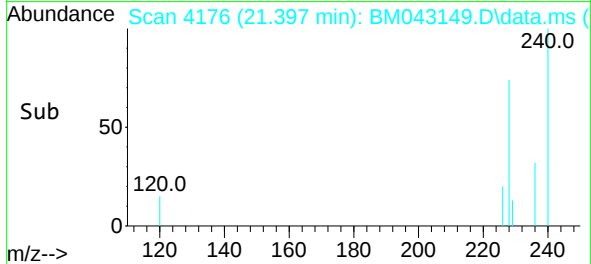
Instrument :
BNA_M
ClientSampleId :
C0AD7



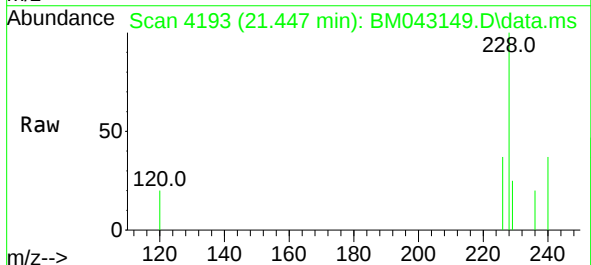
Tgt Ion:228 Resp: 814
Ion Ratio Lower Upper
228 100
229 26.6 19.4 29.0
226 35.2 24.9 37.3

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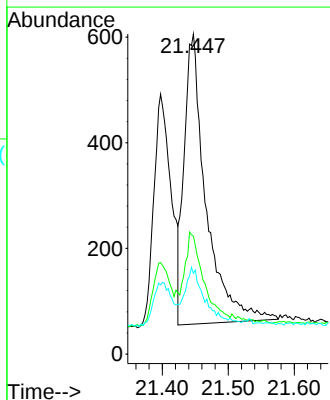
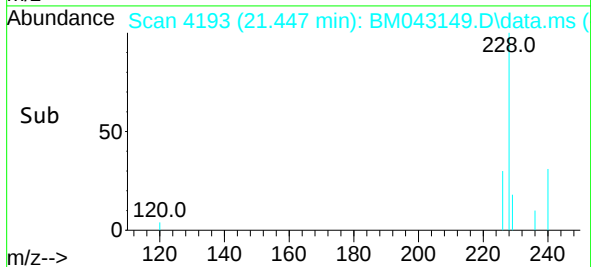
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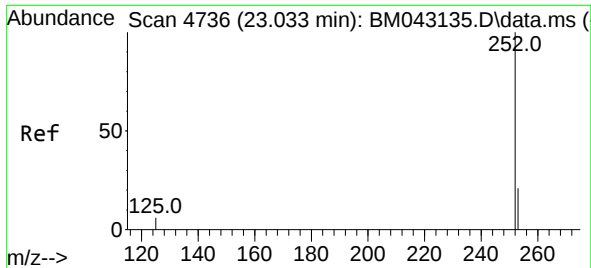


#22
Chrysene
Concen: 0.086 ng/u1
RT: 21.447 min Scan# 4193
Delta R.T. 0.009 min
Lab File: BM043149.D
Acq: 02 Dec 2023 07:57



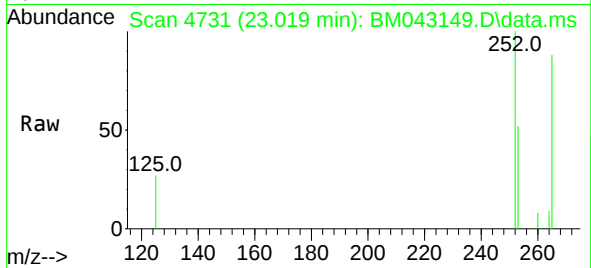
Tgt Ion:228 Resp: 1260
Ion Ratio Lower Upper
228 100
226 36.8 27.2 40.8
229 25.2 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 0.081 ng/ul
RT: 23.019 min Scan# 4731
Delta R.T. -0.008 min
Lab File: BM043149.D
Acq: 02 Dec 2023 07:57

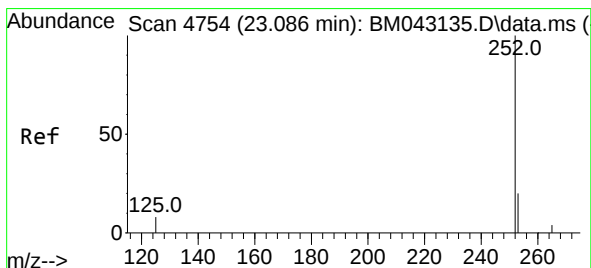
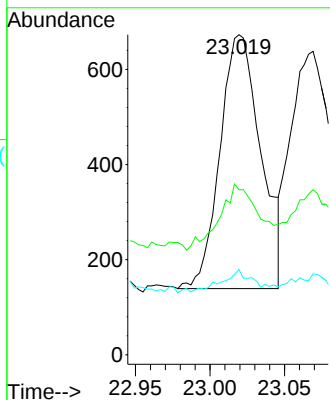
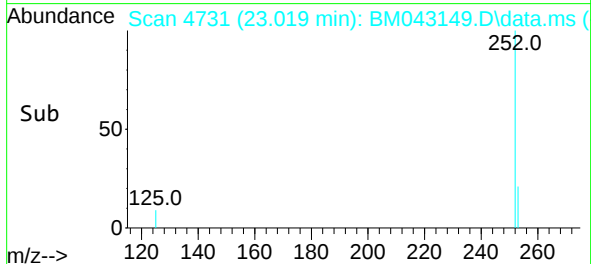
Instrument :
BNA_M
ClientSampleId :
C0AD7



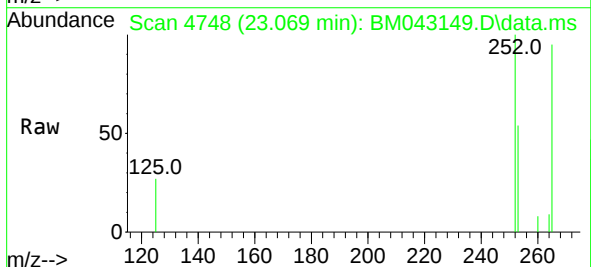
Tgt Ion:252 Resp: 1018
Ion Ratio Lower Upper
252 100
253 51.6 0.0 71.8
125 26.6 0.0 29.0

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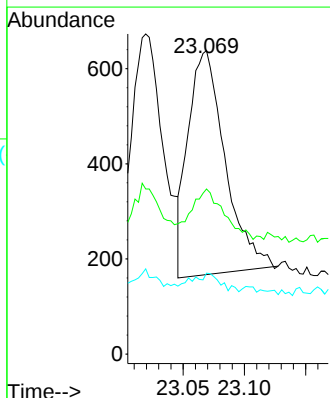
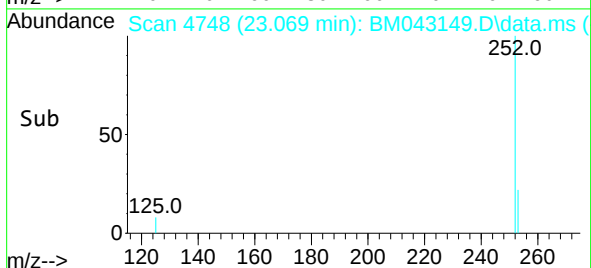
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Supervised By :mohammad ahmed 12/04/2023

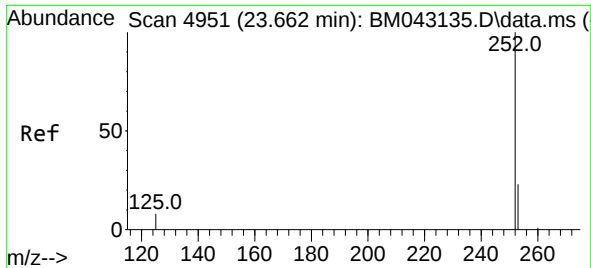


#25
Benzo(k)fluoranthene
Concen: 0.057 ng/ul
RT: 23.069 min Scan# 4748
Delta R.T. -0.008 min
Lab File: BM043149.D
Acq: 02 Dec 2023 07:57



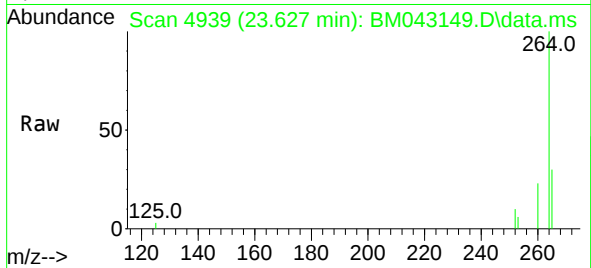
Tgt Ion:252 Resp: 989
Ion Ratio Lower Upper
252 100
253 54.4 28.2 42.2#
125 26.6 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.077 ng/ul
RT: 23.627 min Scan# 4951
Delta R.T. -0.023 min
Lab File: BM043149.D
Acq: 02 Dec 2023 07:57

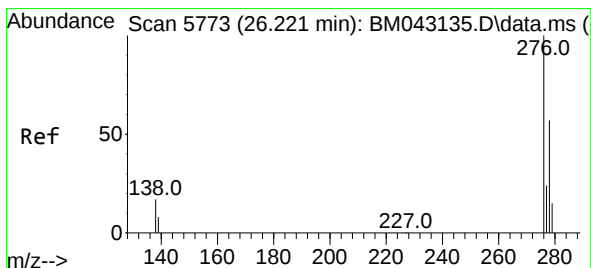
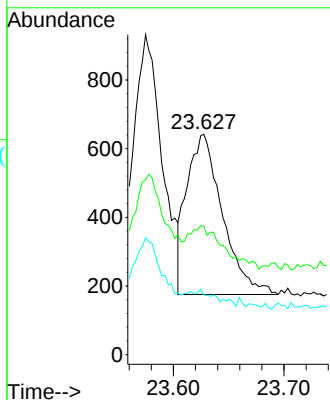
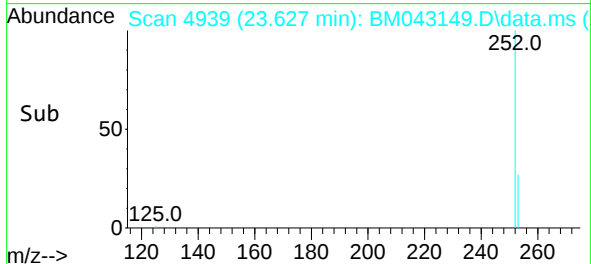
Instrument :
BNA_M
ClientSampleId :
C0AD7



Tgt Ion:252 Resp: 1048
Ion Ratio Lower Upper
252 100
253 58.3 36.6 55.0
125 27.1 16.2 24.4

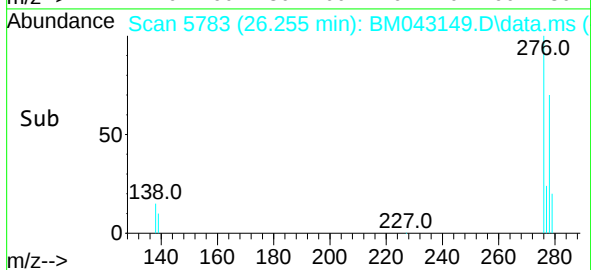
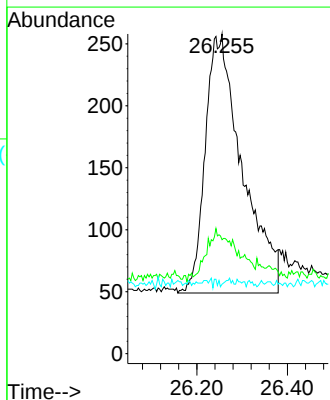
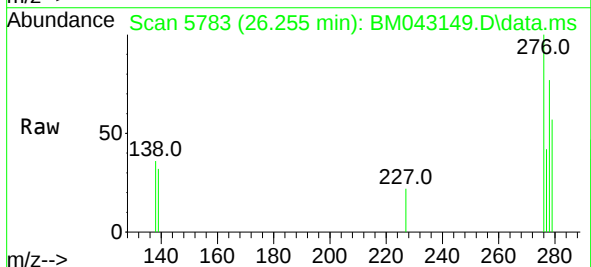
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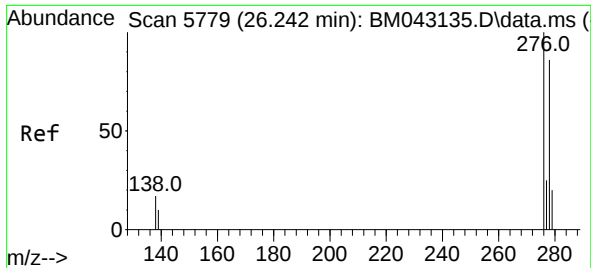
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Supervised By :mohammad ahmed 12/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.064 ng/ul
RT: 26.255 min Scan# 5783
Delta R.T. 0.051 min
Lab File: BM043149.D
Acq: 02 Dec 2023 07:57

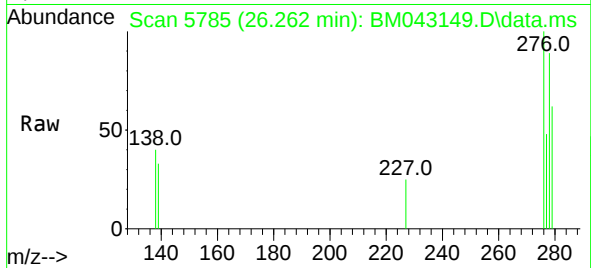
Tgt Ion:276 Resp: 1185
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.6 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 26.262 min Scan# 51
Delta R.T. 0.051 min
Lab File: BM043149.D
Acq: 02 Dec 2023 07:57

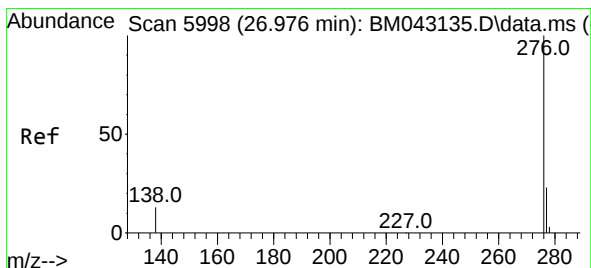
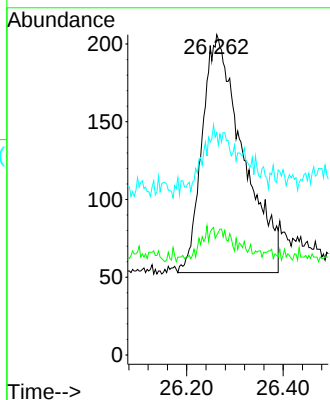
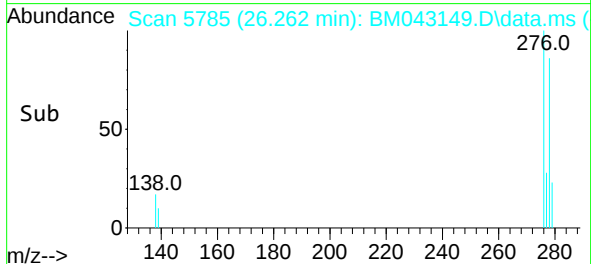
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ClientSampleId :
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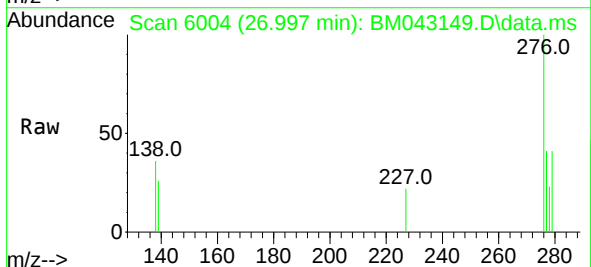
Tgt Ion:278 Resp: 899
Ion Ratio Lower Upper
278 100
139 37.4 18.1 27.1#
279 69.4 34.4 51.6#

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#29
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 26.997 min Scan# 6004
Delta R.T. 0.037 min
Lab File: BM043149.D
Acq: 02 Dec 2023 07:57



Tgt Ion:276 Resp: 1076
Ion Ratio Lower Upper
276 100
138 36.1 17.8 26.8#
277 40.7 23.8 35.8#

