

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043145.D
 Acq On : 02 Dec 2023 05:31
 Operator : MA/JU
 Sample : 05439-11
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

Manual Integrations
 APPROVED

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

Quant Time: Dec 02 22:40:23 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	849	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.601	136	2446	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.446	164	1557m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	3242m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.406	240	2011m	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	2975m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	4180	3.209	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	1043	0.319	ng/ul	0.01
18) Fluoranthene-d10	19.234	212	3203	0.437	ng/ul	0.00
Target Compounds						
					Qvalue	
12) Fluorene	15.501	166	430	0.070	ng/ul#	94
15) Phenanthrene	17.242	178	1595m	0.172	ng/ul	
16) Anthracene	17.331	178	2847	0.325	ng/ul	95
19) Fluoranthene	19.267	202	2691	0.236	ng/ul	99
20) Pyrene	19.625	202	3080	0.254	ng/ul#	87
21) Benzo(a)anthracene	21.394	228	1435	0.220	ng/ul	97
22) Chrysene	21.444	228	2152	0.177	ng/ul	99
24) Benzo(b)fluoranthene	23.019	252	1587	0.158	ng/ul	90
25) Benzo(k)fluoranthene	23.069	252	1749	0.126	ng/ul#	86
26) Benzo(a)pyrene	23.624	252	1529	0.140	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.231	276	1924	0.130	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.248	278	1475	0.129	ng/ul#	85
29) Benzo(g,h,i)perylene	26.989	276	1744	0.121	ng/ul#	87

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

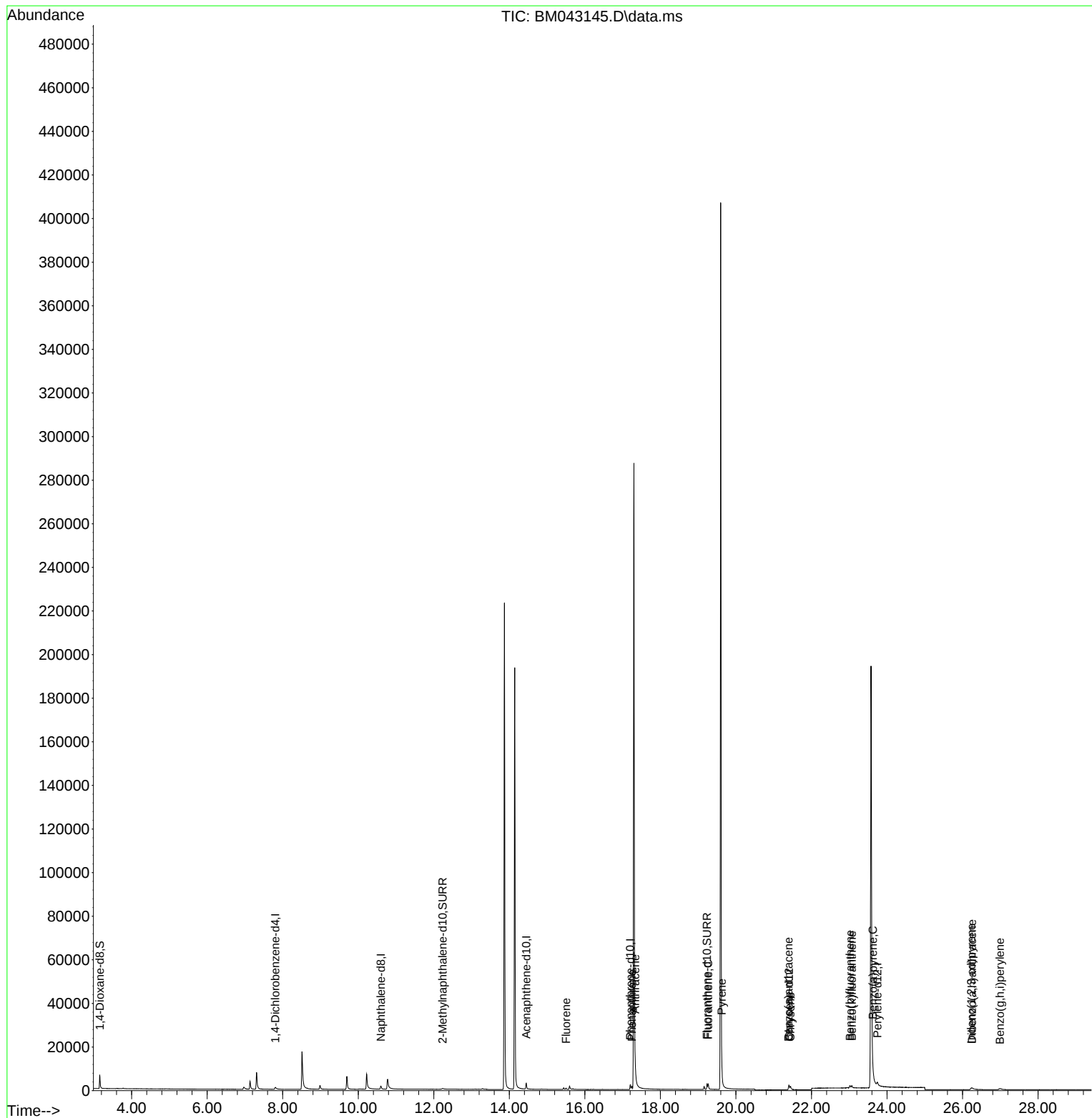
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043145.D
Acq On : 02 Dec 2023 05:31
Operator : MA/JU
Sample : 05439-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

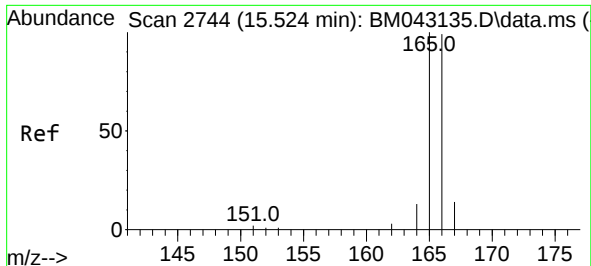
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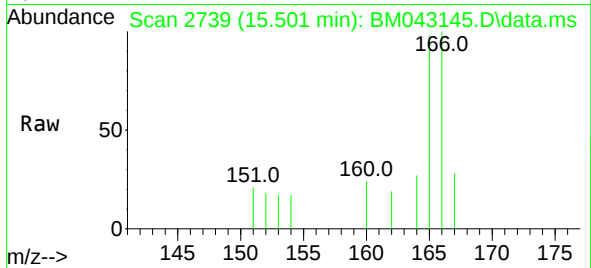
Quant Time: Dec 02 22:40:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 01:12:12 2023
Response via : Initial Calibration





#12
Fluorene
Concen: 0.070 ng/ul
RT: 15.501 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM043145.D
Acq: 02 Dec 2023 05:31

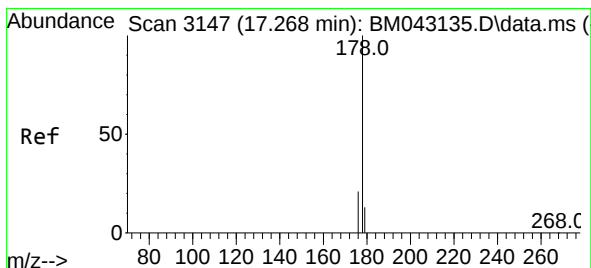
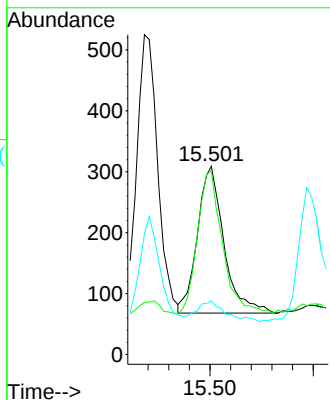
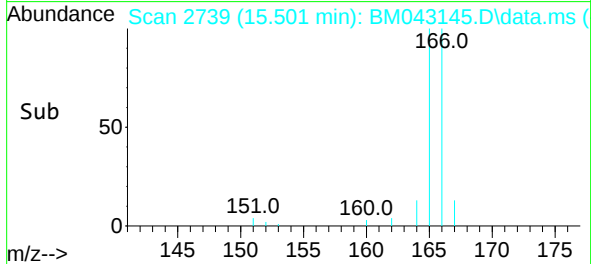
Instrument :
BNA_M
ClientSampleId :
C0AC8



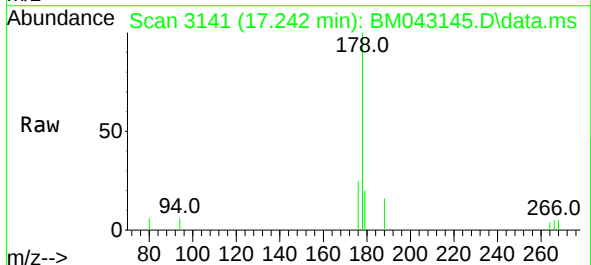
Tgt Ion:166 Resp: 430
Ion Ratio Lower Upper
166 100
165 97.7 79.9 119.9
167 28.5 14.2 21.4

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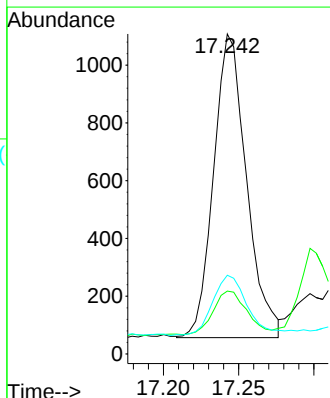
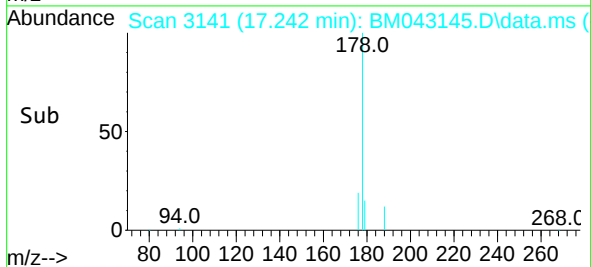
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

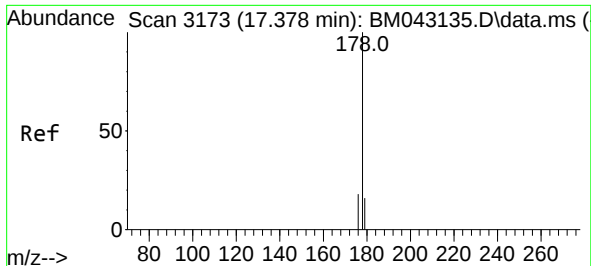


#15
Phenanthrene
Concen: 0.172 ng/ul m
RT: 17.242 min Scan# 3141
Delta R.T. -0.017 min
Lab File: BM043145.D
Acq: 02 Dec 2023 05:31



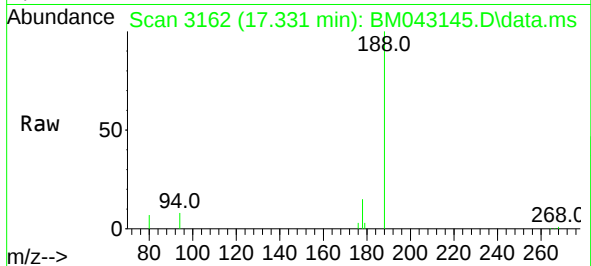
Tgt Ion:178 Resp: 1595
Ion Ratio Lower Upper
178 100
179 19.7 15.7 23.5
176 24.6 18.9 28.3





#16
 Anthracene
 Concen: 0.325 ng/ul
 RT: 17.331 min Scan# 3173
 Delta R.T. -0.030 min
 Lab File: BM043145.D
 Acq: 02 Dec 2023 05:31

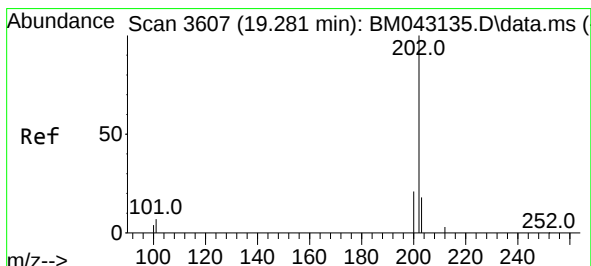
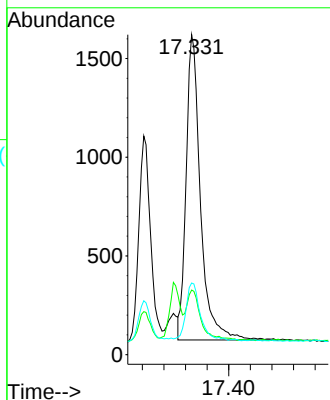
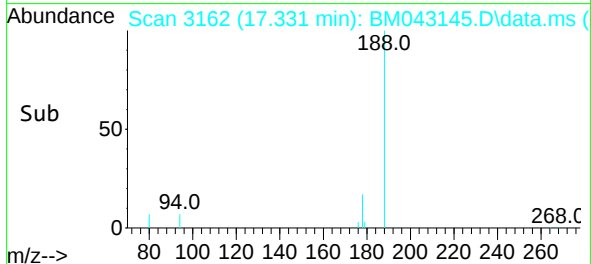
Instrument :
 BNA_M
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Tgt Ion:178 Resp: 284
 Ion Ratio Lower Upper
 178 100
 179 20.2 17.3 25.9
 176 22.4 20.5 30.7

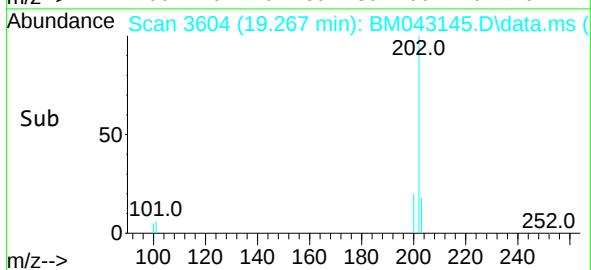
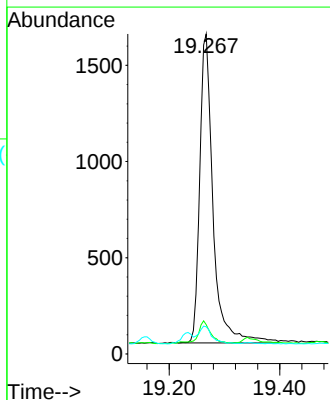
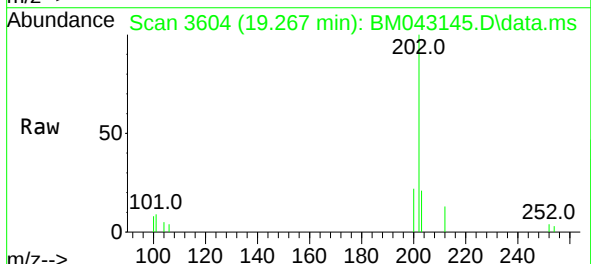
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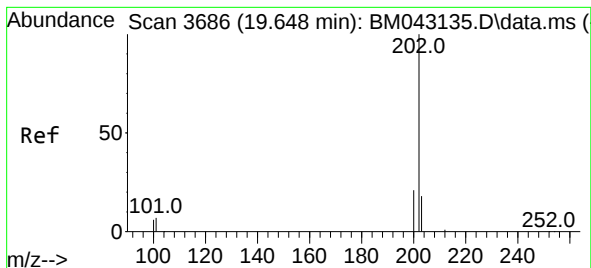
Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023



#19
 Fluoranthene
 Concen: 0.236 ng/ul
 RT: 19.267 min Scan# 3604
 Delta R.T. -0.005 min
 Lab File: BM043145.D
 Acq: 02 Dec 2023 05:31

Tgt Ion:202 Resp: 2691
 Ion Ratio Lower Upper
 202 100
 101 9.1 7.8 11.8
 100 8.5 7.1 10.7





#20

Pyrene

Concen: 0.254 ng/ul

RT: 19.625 min Scan# 3080

Delta R.T. -0.014 min

Lab File: BM043145.D

Acq: 02 Dec 2023 05:31

Instrument :

BNA_M

ClientSampleId :

C0AC8

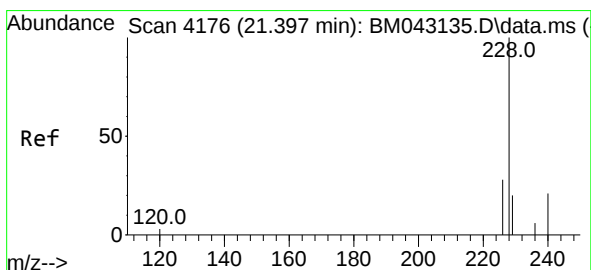
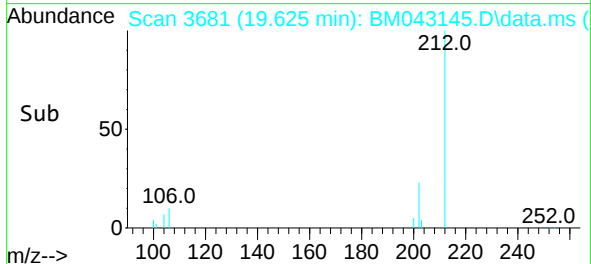
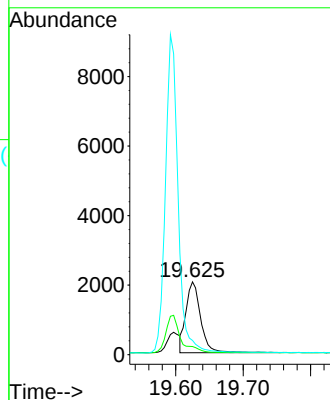
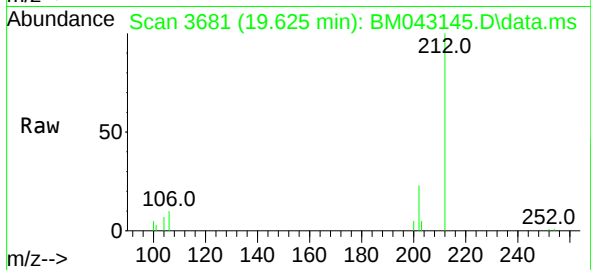
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.7	13.1
100	19.5	7.8	11.8

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#21

Benzo(a)anthracene

Concen: 0.220 ng/ul

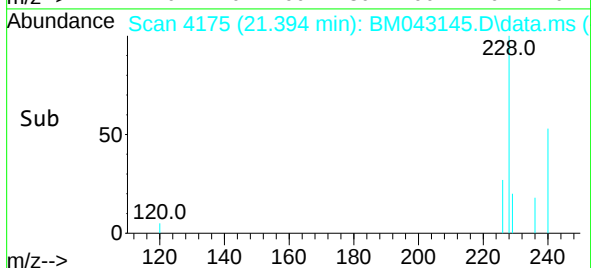
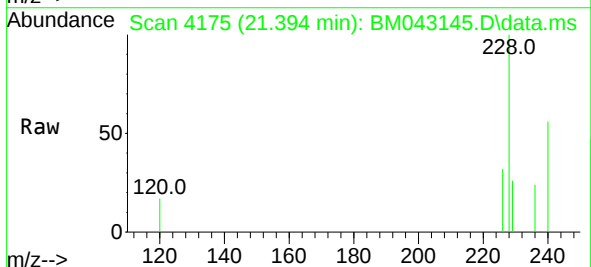
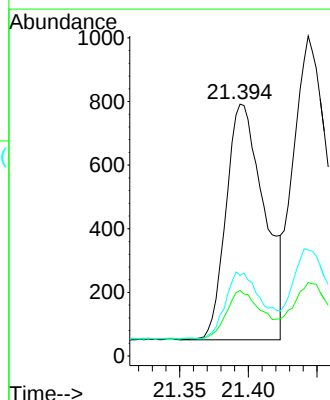
RT: 21.394 min Scan# 4175

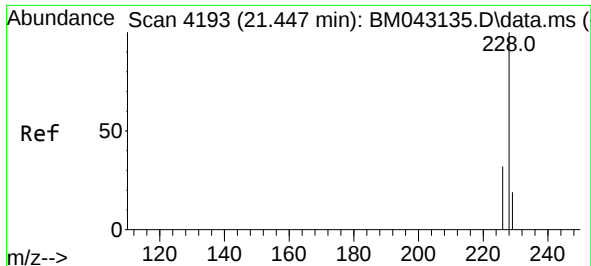
Delta R.T. 0.006 min

Lab File: BM043145.D

Acq: 02 Dec 2023 05:31

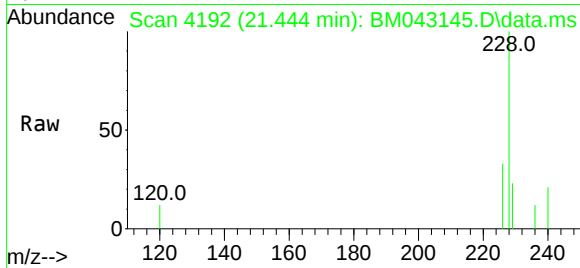
Tgt Ion	Ratio	Lower	Upper
228	100		
229	26.0	19.4	29.0
226	32.1	24.9	37.3





#22
Chrysene
Concen: 0.177 ng/ul
RT: 21.444 min Scan# 4192
Delta R.T. 0.006 min
Lab File: BM043145.D
Acq: 02 Dec 2023 05:31

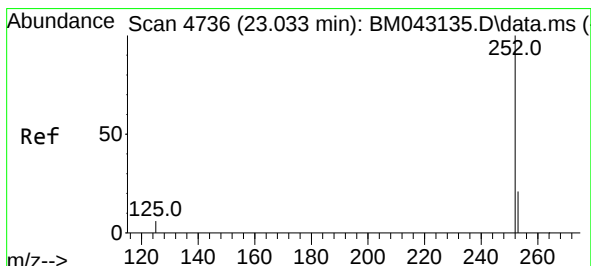
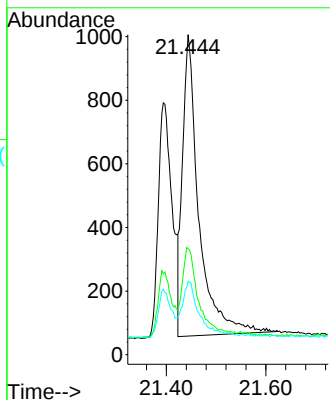
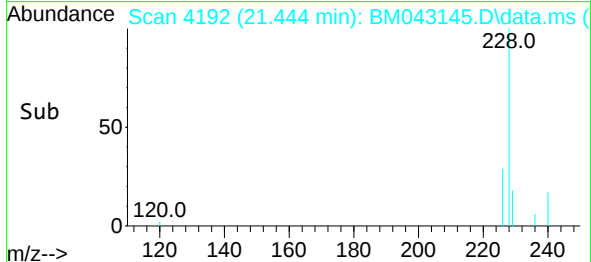
Instrument :
BNA_M
ClientSampleId :
C0AC8



Tgt Ion:228 Resp: 2152
Ion Ratio Lower Upper
228 100
226 33.1 27.2 40.8
229 23.0 18.0 27.0

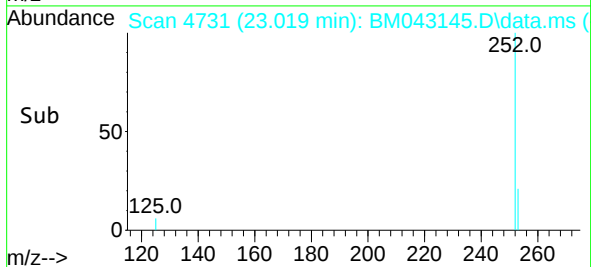
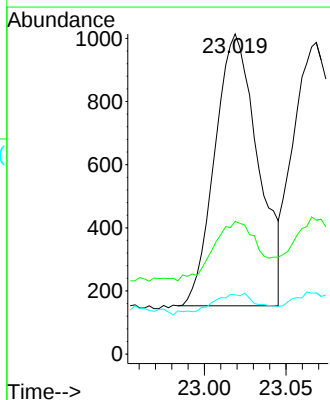
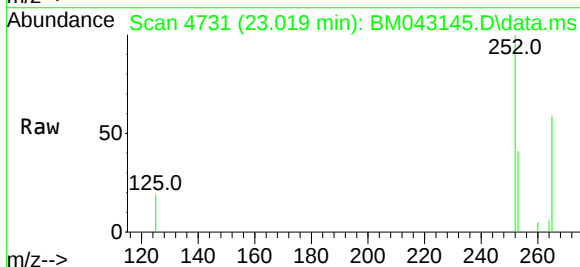
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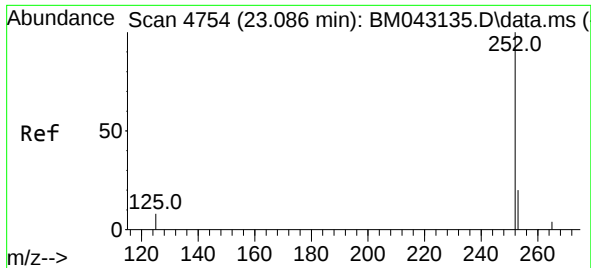
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#24
Benzo(b)fluoranthene
Concen: 0.158 ng/ul
RT: 23.019 min Scan# 4731
Delta R.T. -0.009 min
Lab File: BM043145.D
Acq: 02 Dec 2023 05:31

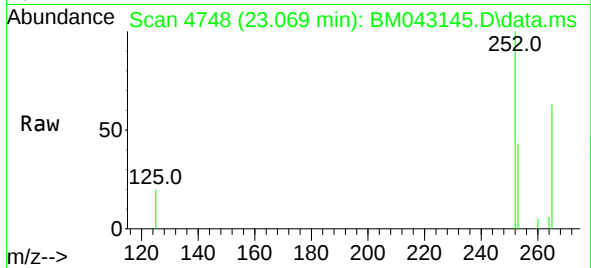
Tgt Ion:252 Resp: 1587
Ion Ratio Lower Upper
252 100
253 41.4 0.0 71.8
125 18.5 0.0 29.0





#25
Benzo(k)fluoranthene
Concen: 0.126 ng/u1
RT: 23.069 min Scan# 4754
Delta R.T. -0.009 min
Lab File: BM043145.D
Acq: 02 Dec 2023 05:31

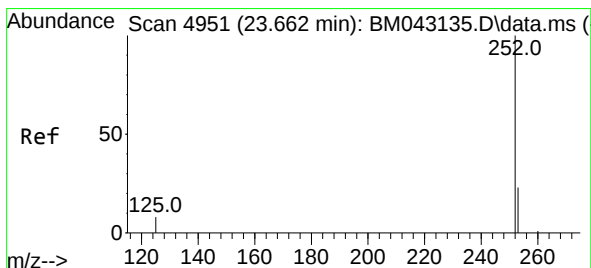
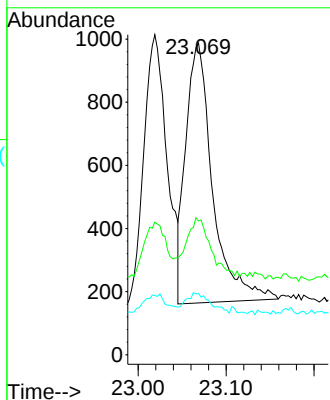
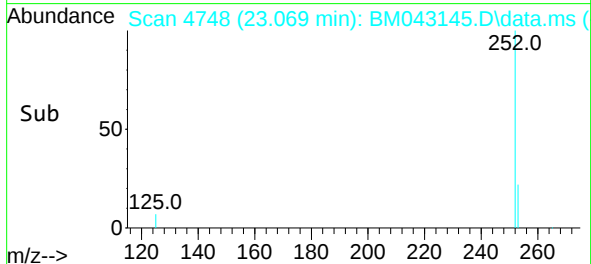
Instrument :
BNA_M
ClientSampleId :
C0AC8



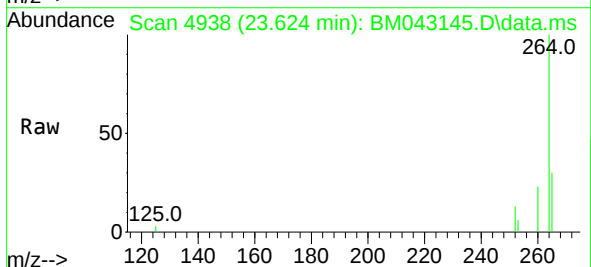
Tgt Ion:252 Resp: 1749
Ion Ratio Lower Upper
252 100
253 43.0 28.2 42.2
125 19.7 11.0 16.6

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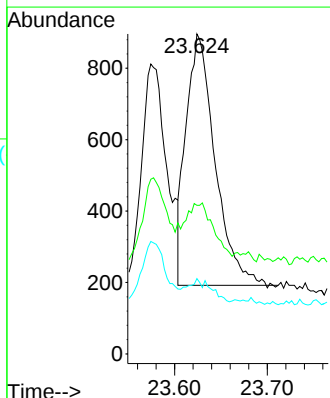
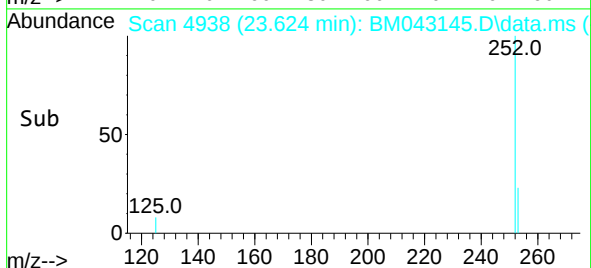
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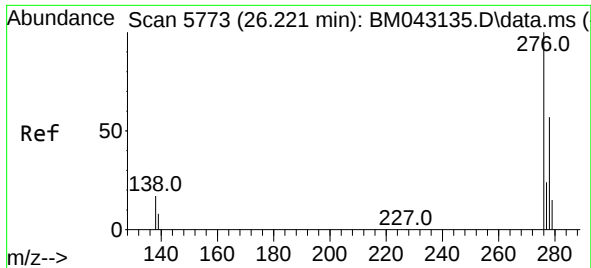


#26
Benzo(a)pyrene
Concen: 0.140 ng/u1
RT: 23.624 min Scan# 4938
Delta R.T. -0.026 min
Lab File: BM043145.D
Acq: 02 Dec 2023 05:31



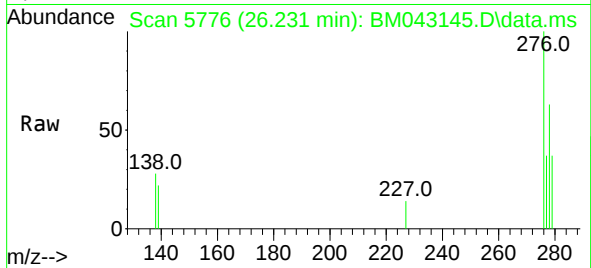
Tgt Ion:252 Resp: 1529
Ion Ratio Lower Upper
252 100
253 46.4 36.6 55.0
125 23.5 16.2 24.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.130 ng/ul
RT: 26.231 min Scan# 5776
Delta R.T. 0.027 min
Lab File: BM043145.D
Acq: 02 Dec 2023 05:31

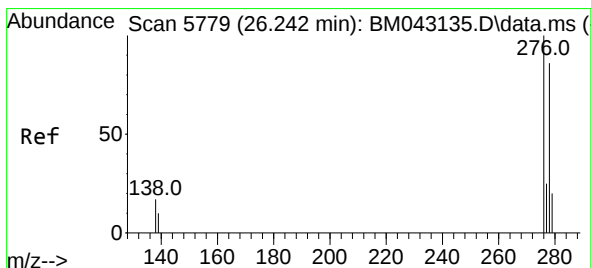
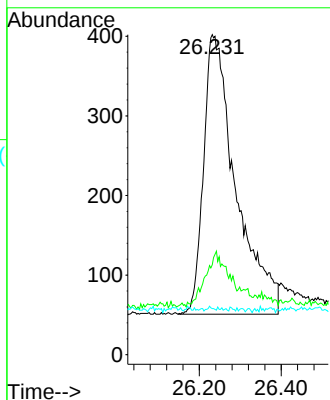
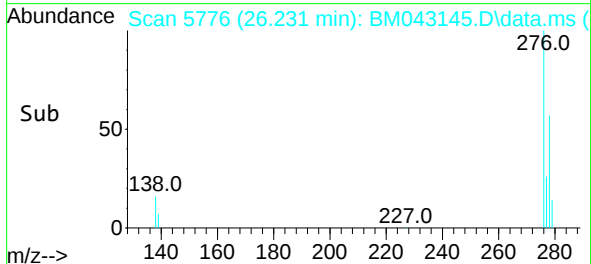
Instrument :
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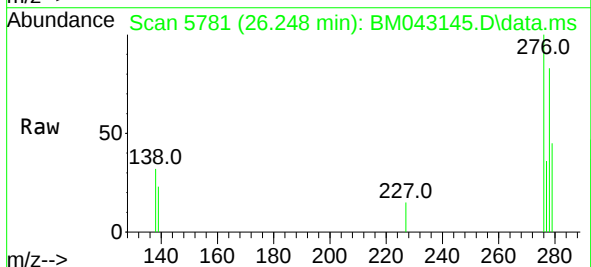
Tgt Ion: 276 Resp: 1924
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.4 0.2 0.2

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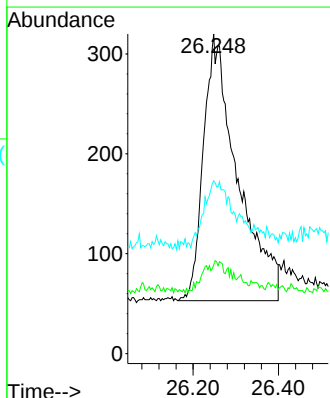
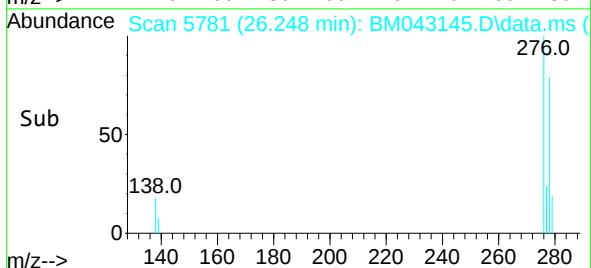
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

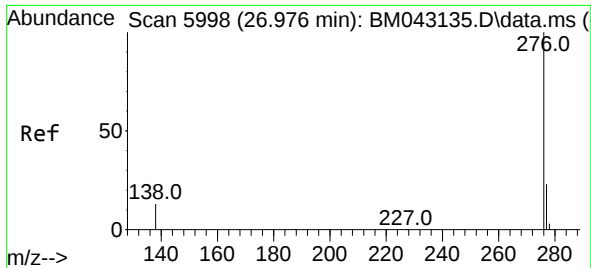


#28
Dibenzo(a,h)anthracene
Concen: 0.129 ng/ul
RT: 26.248 min Scan# 5781
Delta R.T. 0.037 min
Lab File: BM043145.D
Acq: 02 Dec 2023 05:31



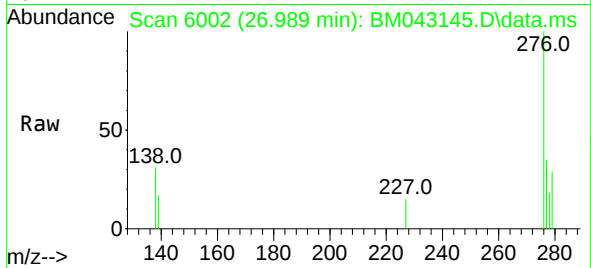
Tgt Ion: 278 Resp: 1475
Ion Ratio Lower Upper
278 100
139 27.8 18.1 27.1#
279 54.1 34.4 51.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.121 ng/ul
 RT: 26.989 min Scan# 6002
 Delta R.T. 0.030 min
 Lab File: BM043145.D
 Acq: 02 Dec 2023 05:31

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8



Tgt Ion: 276 Resp: 1744
 Ion Ratio Lower Upper
 276 100
 138 31.4 17.8 26.8
 277 34.7 23.8 35.8

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 Supervised By : mohammad ahmed 12/04/2023

