

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043066.D
 Acq On : 28 Nov 2023 01:28
 Operator : MA/JU
 Sample : 05416-23
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 05:23:00 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	1056m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.607	136	4052	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.451	164	2103m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.209	188	4446	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.400	240	3018	0.400	ng/ul	#-0.02
23) Perylene-d12	23.750	264	2268m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	2128	1.313	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	495	0.091	ng/ul	-0.03
18) Fluoranthene-d10	19.239	212	1259	0.114	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.656	128	623	0.057	ng/ul#	86
7) 2-Methylnaphthalene	12.295	142	598	0.092	ng/ul	95
8) 1-Methylnaphthalene	12.504	142	414	0.057	ng/ul	92
10) Acenaphthylene	14.178	152	572	0.053	ng/ul#	77
11) Acenaphthene	14.511	153	6615	0.813	ng/ul	96
12) Fluorene	15.506	166	7240	0.867	ng/ul	97
15) Phenanthrene	17.247	178	12958	1.021	ng/ul	93
16) Anthracene	17.340	178	2958	0.246	ng/ul	95
19) Fluoranthene	19.267	202	28596	1.671	ng/ul#	92
20) Pyrene	19.634	202	25219	1.386	ng/ul#	91
21) Benzo(a)anthracene	21.385	228	8947	0.914	ng/ul	94
22) Chrysene	21.441	228	8445	0.463	ng/ul	97
24) Benzo(b)fluoranthene	23.025	252	9424	1.231	ng/ul	88
25) Benzo(k)fluoranthene	23.066	252	4163m	0.395	ng/ul	
26) Benzo(a)pyrene	23.639	252	6350	0.760	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.208	276	4492	0.397	ng/ul#	99
29) Benzo(g,h,i)perylene	26.973	276	4191	0.381	ng/ul	95

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

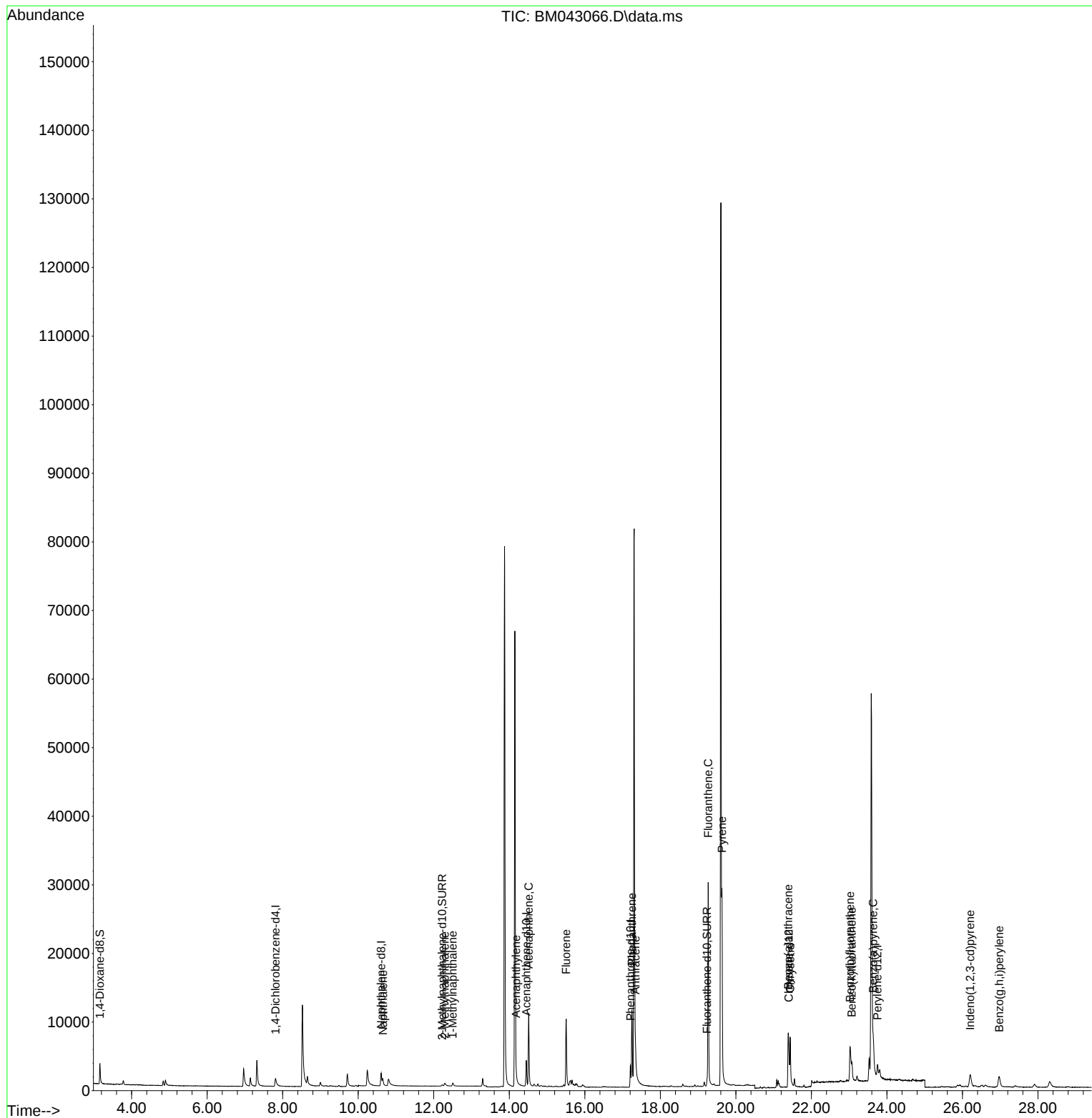
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043066.D
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Operator : MA/JU
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ALS Vial : 24 Sample Multiplier: 1

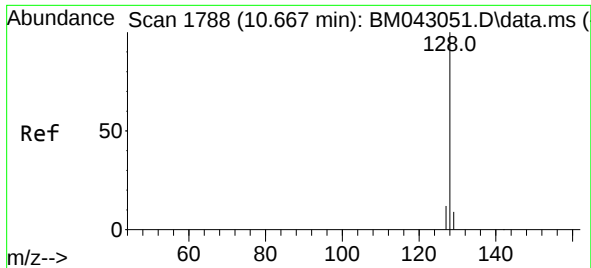
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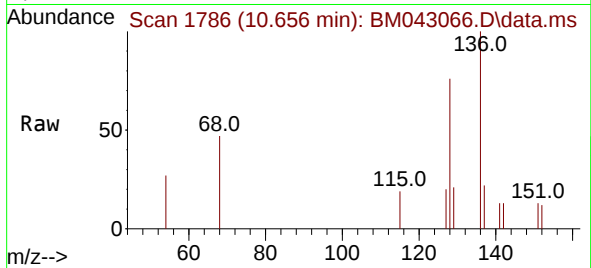
Quant Time: Nov 28 05:23:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.057 ng/ul
RT: 10.656 min Scan# 1786
Delta R.T. -0.043 min
Lab File: BM043066.D
Acq: 28 Nov 2023 01:28

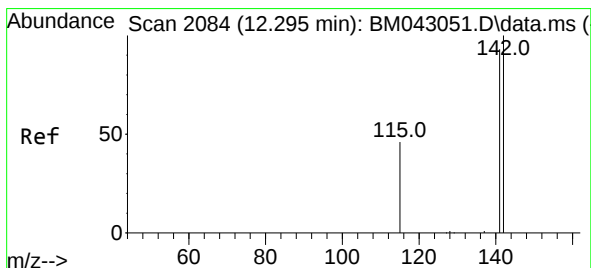
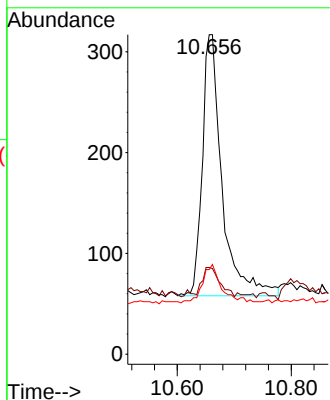
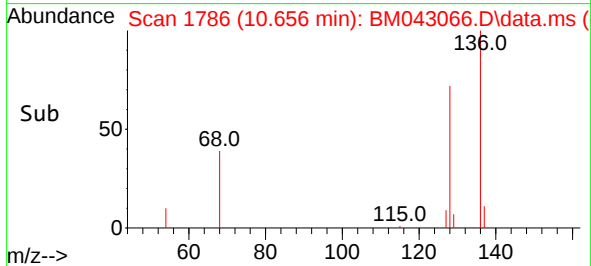
Instrument :
BNA_M
ClientSampleId :
C0AH6



Tgt Ion:128 Resp: 62
Ion Ratio Lower Upper
128 100
129 27.1 16.0 24.0
127 26.5 16.5 24.7

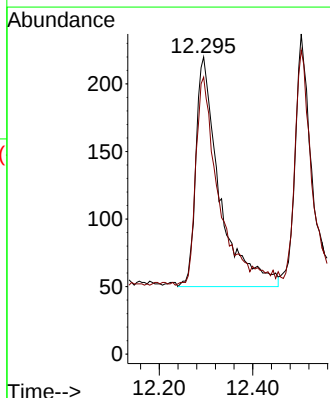
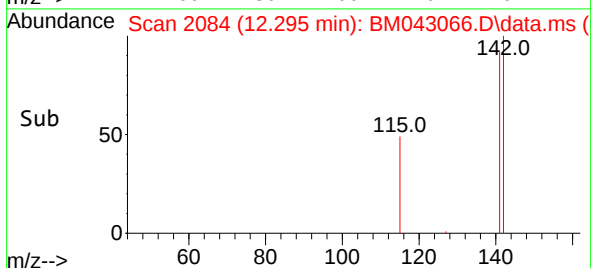
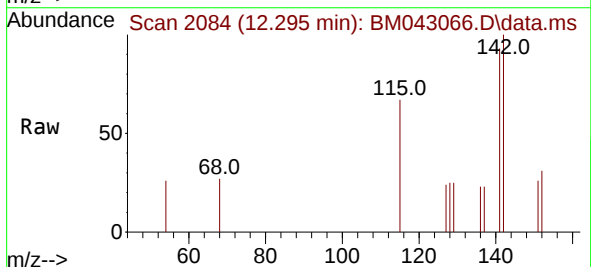
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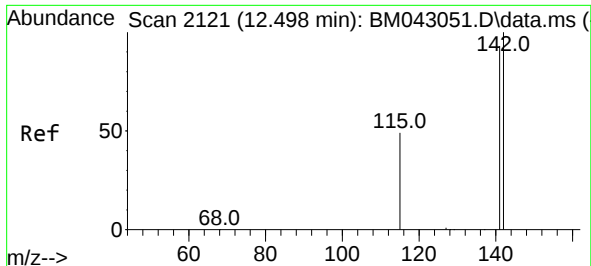
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#7
2-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.295 min Scan# 2084
Delta R.T. -0.037 min
Lab File: BM043066.D
Acq: 28 Nov 2023 01:28

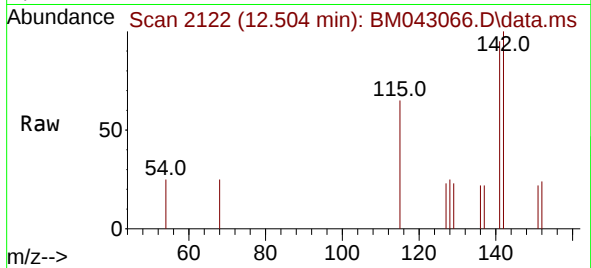
Tgt Ion:142 Resp: 598
Ion Ratio Lower Upper
142 100
141 90.6 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.504 min Scan# 2121
Delta R.T. -0.015 min
Lab File: BM043066.D
Acq: 28 Nov 2023 01:28

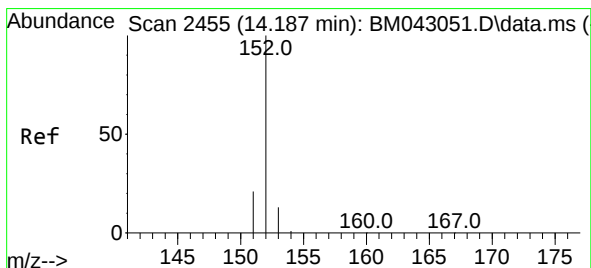
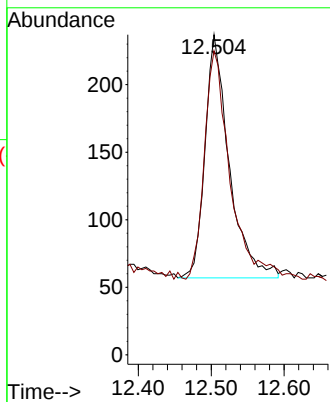
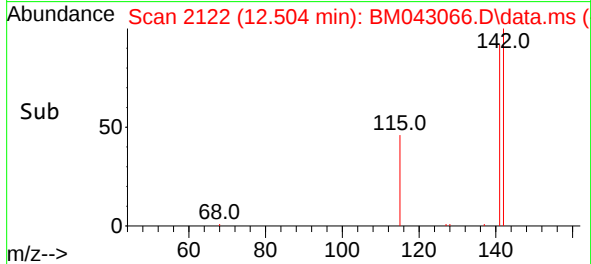
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 414
Ion Ratio Lower Upper
142 100
141 100.0 73.8 110.8

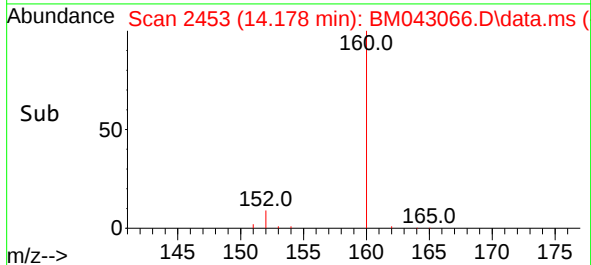
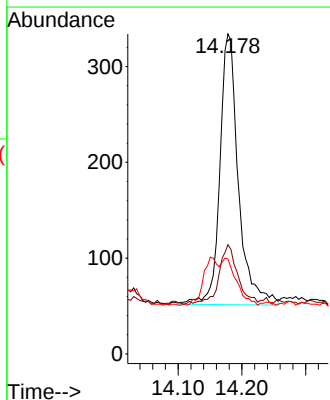
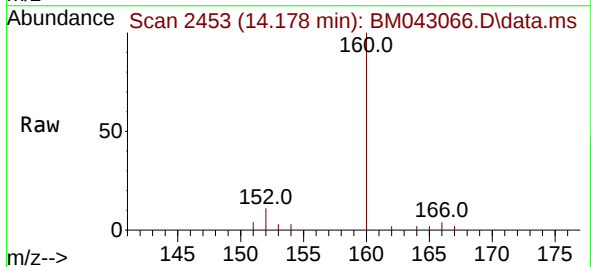
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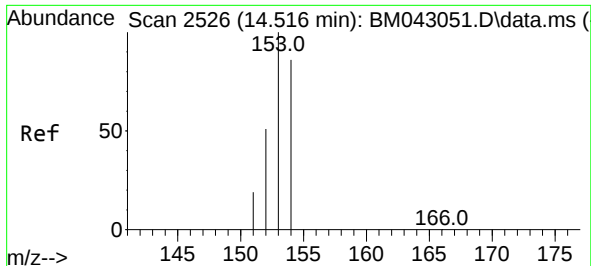
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.026 min
Lab File: BM043066.D
Acq: 28 Nov 2023 01:28

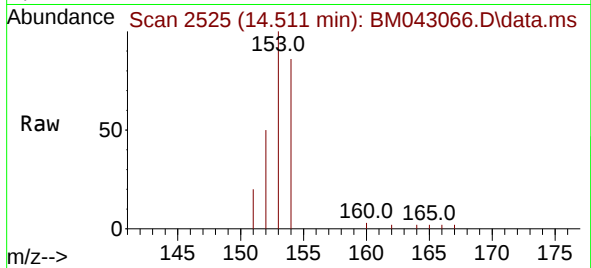
Tgt Ion:152 Resp: 572
Ion Ratio Lower Upper
152 100
151 34.1 19.4 29.0#
153 29.6 14.6 21.8#





#11
Acenaphthene
Concen: 0.813 ng/ul
RT: 14.511 min Scan# 21
Delta R.T. -0.022 min
Lab File: BM043066.D
Acq: 28 Nov 2023 01:28

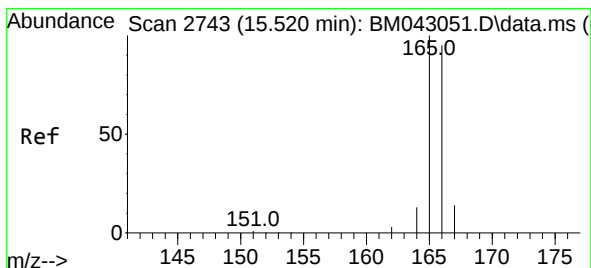
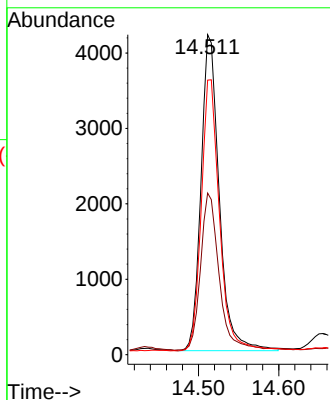
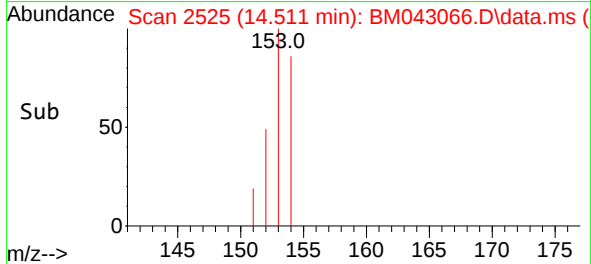
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 661
Ion Ratio Lower Upper
153 100
152 50.5 43.9 65.9
154 85.8 70.6 105.8

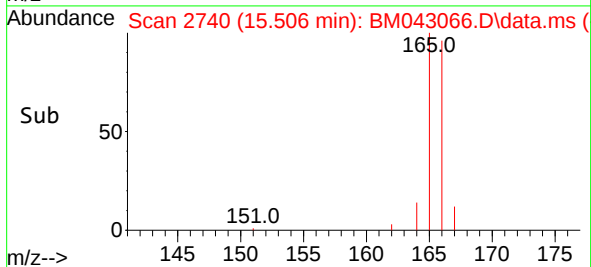
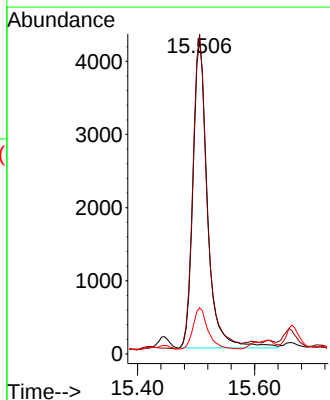
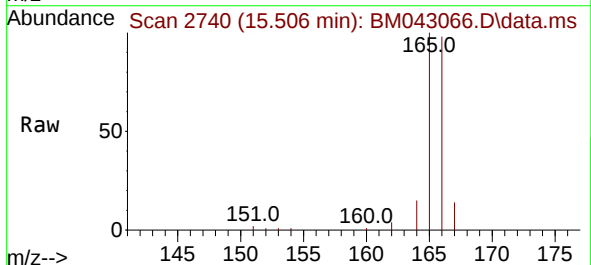
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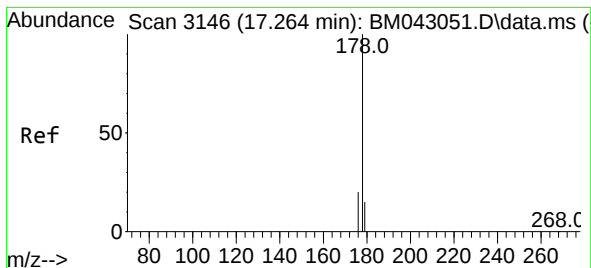
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#12
Fluorene
Concen: 0.867 ng/ul
RT: 15.506 min Scan# 2740
Delta R.T. -0.031 min
Lab File: BM043066.D
Acq: 28 Nov 2023 01:28

Tgt Ion:166 Resp: 7240
Ion Ratio Lower Upper
166 100
165 102.1 79.9 119.9
167 14.7 14.2 21.4





#15

Phenanthrene

Concen: 1.021 ng/ul

RT: 17.247 min Scan# 3142

Delta R.T. -0.032 min

Lab File: BM043066.D

Acq: 28 Nov 2023 01:28

Instrument :

BNA_M

ClientSampleId :

C0AH6

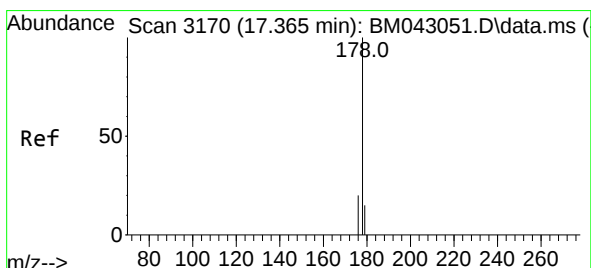
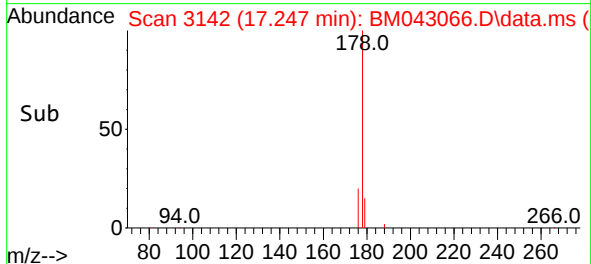
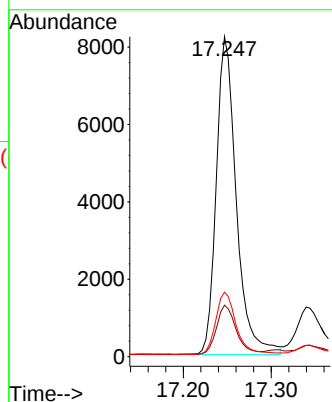
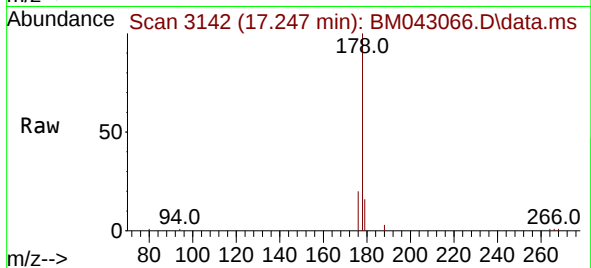
Tgt Ion:178	Resp:	12958
Ion Ratio	Lower	Upper
178	100	
179	16.1	15.7 23.5
176	20.2	18.9 28.3

Manual Integrations

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#16

Anthracene

Concen: 0.246 ng/ul

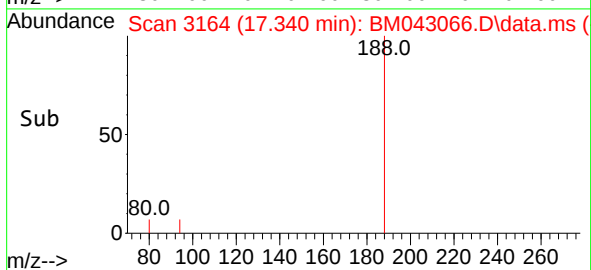
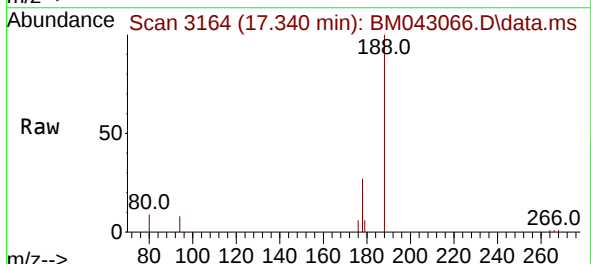
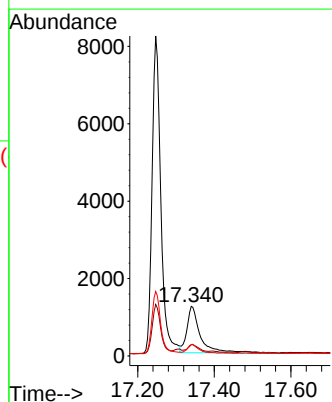
RT: 17.340 min Scan# 3164

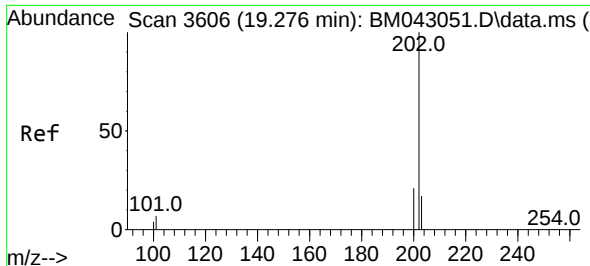
Delta R.T. -0.053 min

Lab File: BM043066.D

Acq: 28 Nov 2023 01:28

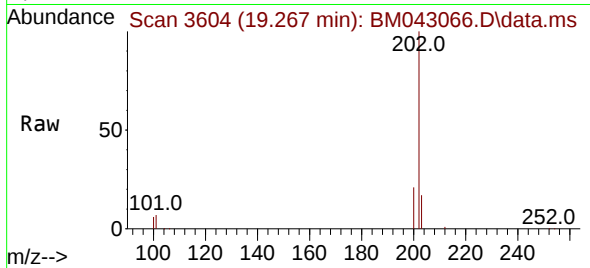
Tgt Ion:178	Resp:	2958
Ion Ratio	Lower	Upper
178	100	
179	23.0	17.3 25.9
176	22.5	20.5 30.7





#19
Fluoranthene
Concen: 1.671 ng/u1
RT: 19.267 min Scan# 30
Delta R.T. -0.026 min
Lab File: BM043066.D
Acq: 28 Nov 2023 01:28

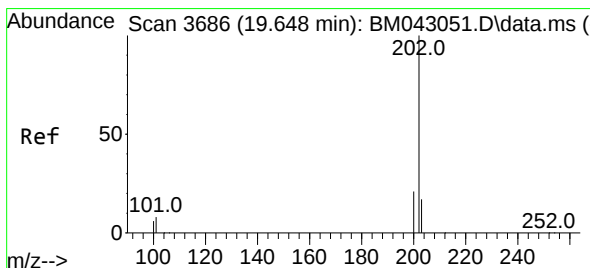
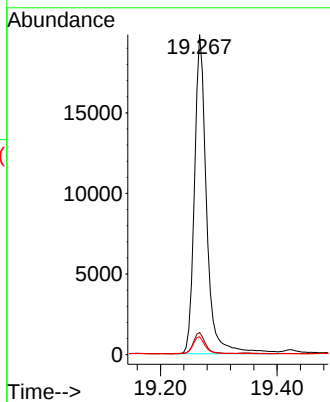
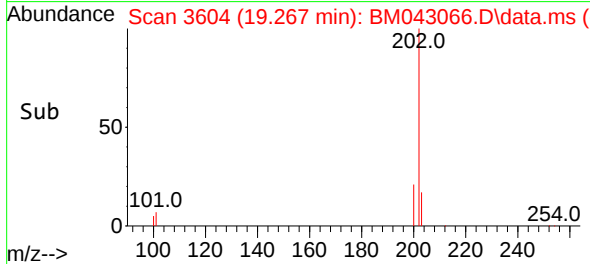
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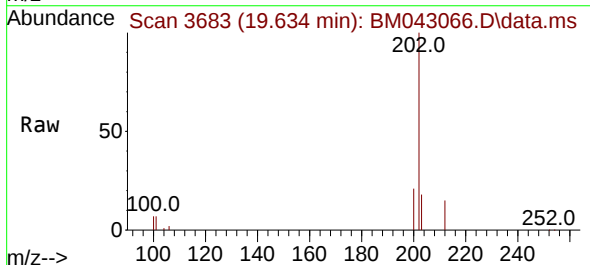
Tgt Ion:202 Resp: 28590
Ion Ratio Lower Upper
202 100
101 6.9 7.8 11.8#
100 5.6 7.1 10.7#

Manual Integrations
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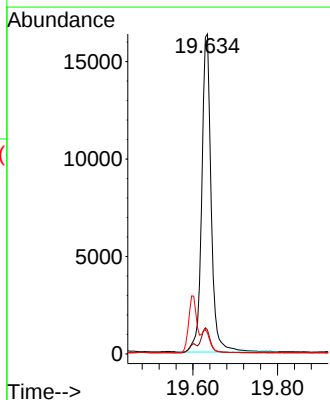
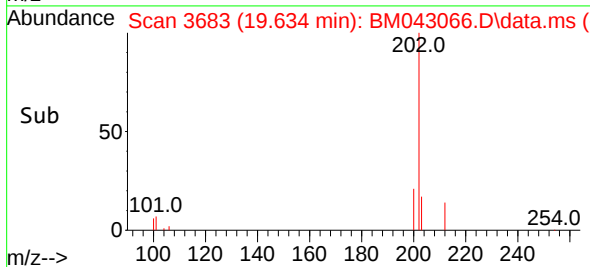
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

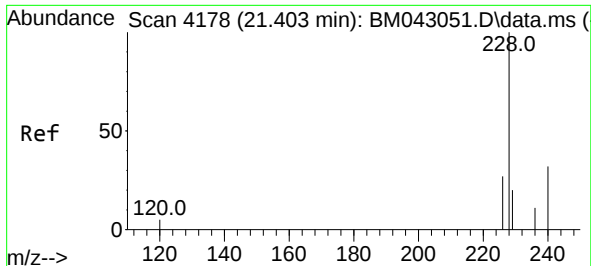


#20
Pyrene
Concen: 1.386 ng/u1
RT: 19.634 min Scan# 3683
Delta R.T. -0.026 min
Lab File: BM043066.D
Acq: 28 Nov 2023 01:28



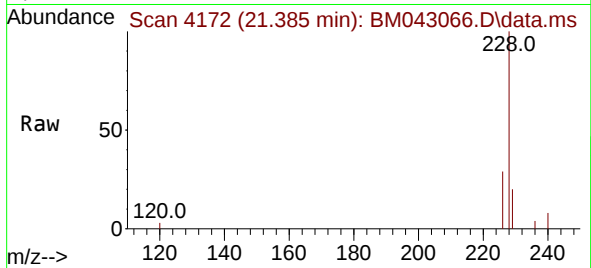
Tgt Ion:202 Resp: 25219
Ion Ratio Lower Upper
202 100
101 7.5 8.7 13.1#
100 6.6 7.8 11.8#





#21
Benzo(a)anthracene
Concen: 0.914 ng/uI
RT: 21.385 min Scan# 4178
Delta R.T. -0.027 min
Lab File: BM043066.D
Acq: 28 Nov 2023 01:28

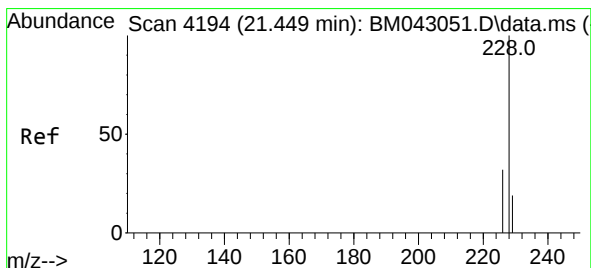
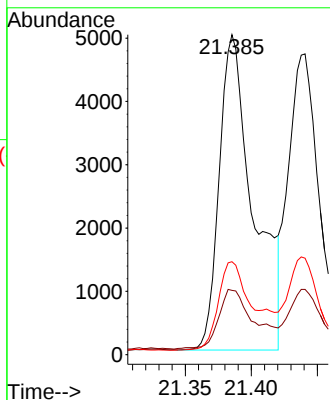
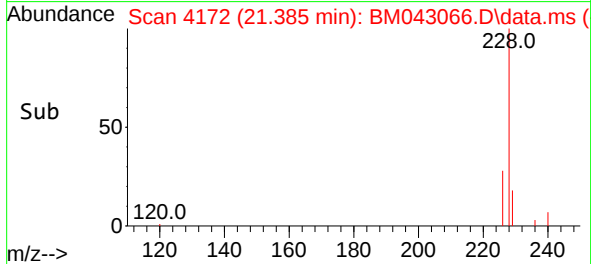
Instrument :
BNA_M
ClientSampleId :
C0AH6



Tgt Ion:228 Resp: 8945
Ion Ratio Lower Upper
228 100
229 20.1 19.4 29.0
226 29.1 24.9 37.3

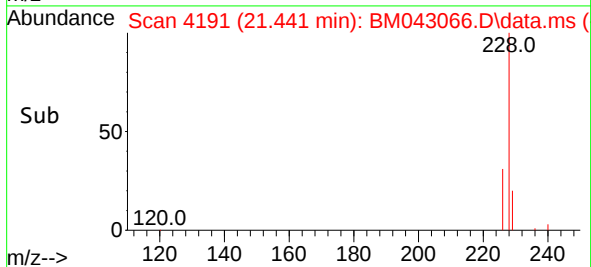
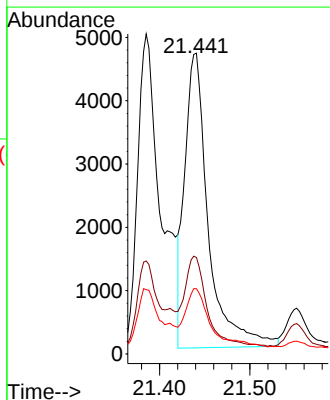
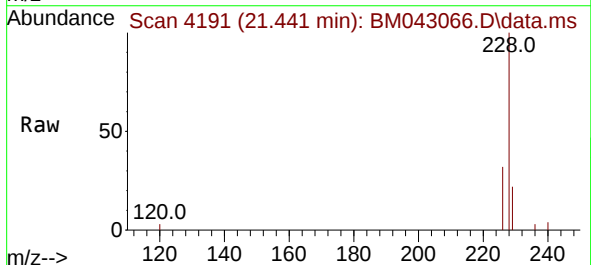
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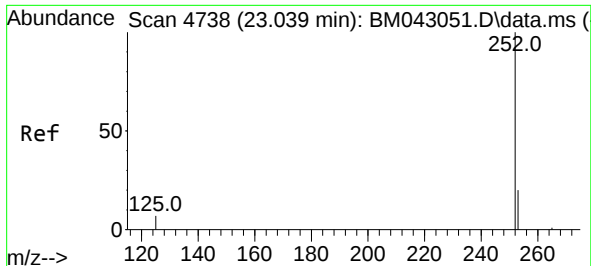
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#22
Chrysene
Concen: 0.463 ng/uI
RT: 21.441 min Scan# 4191
Delta R.T. -0.018 min
Lab File: BM043066.D
Acq: 28 Nov 2023 01:28

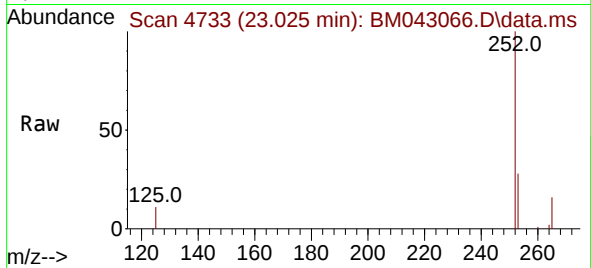
Tgt Ion:228 Resp: 8445
Ion Ratio Lower Upper
228 100
226 32.0 27.2 40.8
229 21.7 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 1.231 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.027 min
Lab File: BM043066.D
Acq: 28 Nov 2023 01:28

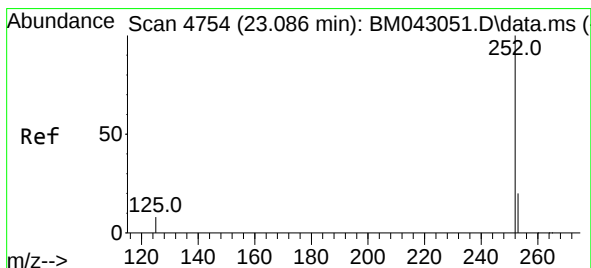
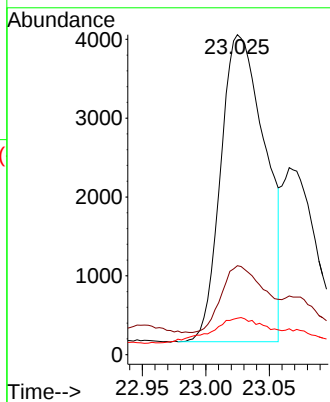
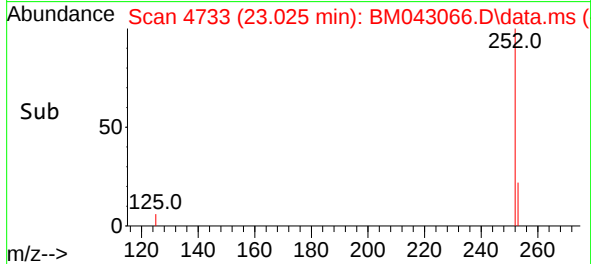
Instrument :
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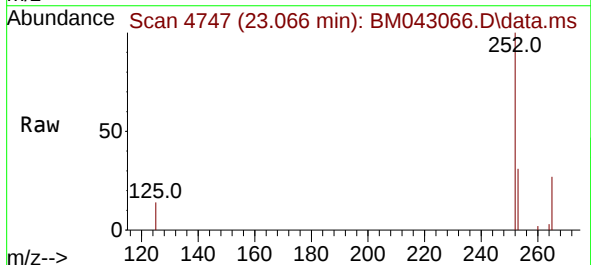
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Ion Ratio Lower Upper
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253 27.8 0.0 71.8
125 11.4 0.0 29.0

Manual Integrations
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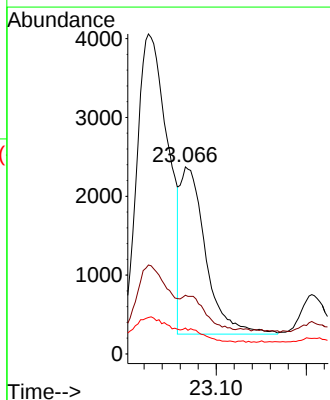
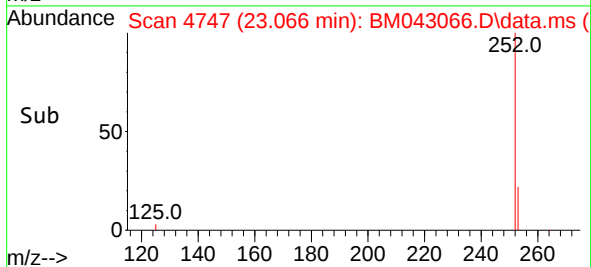
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

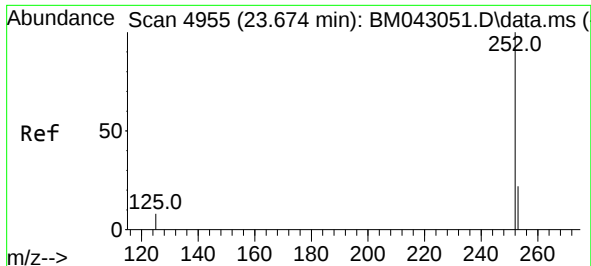


#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul m
RT: 23.066 min Scan# 4747
Delta R.T. -0.032 min
Lab File: BM043066.D
Acq: 28 Nov 2023 01:28



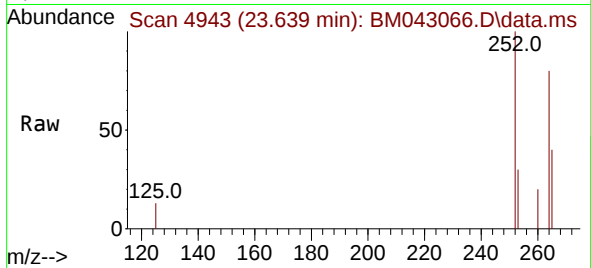
Tgt Ion:252 Resp: 4163
Ion Ratio Lower Upper
252 100
253 31.4 28.2 42.2
125 13.8 11.0 16.6





#26
Benzo(a)pyrene
Concen: 0.760 ng/ul
RT: 23.639 min Scan# 4955
Delta R.T. -0.047 min
Lab File: BM043066.D
Acq: 28 Nov 2023 01:28

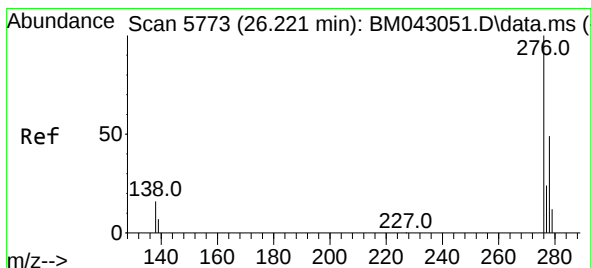
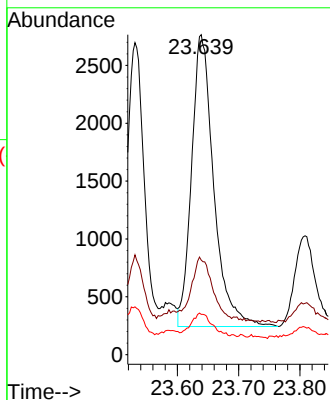
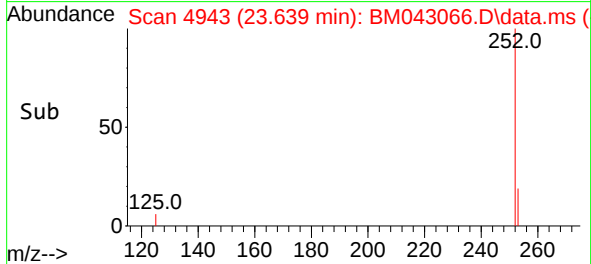
Instrument :
BNA_M
ClientSampleId :
COAH6



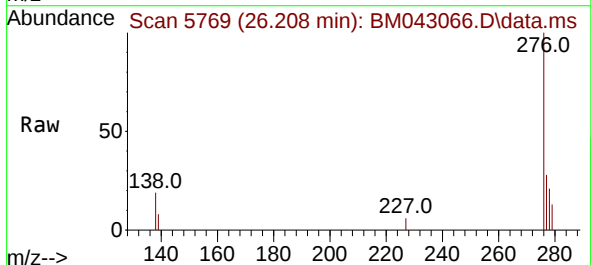
Tgt Ion:252 Resp: 6350
Ion Ratio Lower Upper
252 100
253 29.6 36.6 55.0#
125 12.6 16.2 24.4#

Manual Integrations
APPROVED

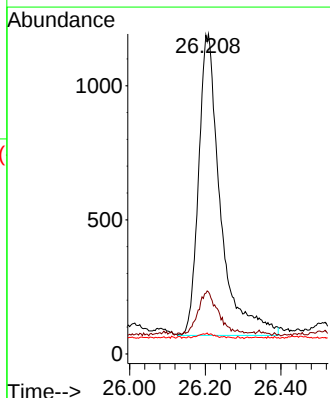
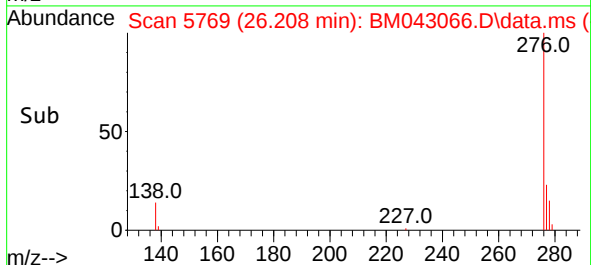
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

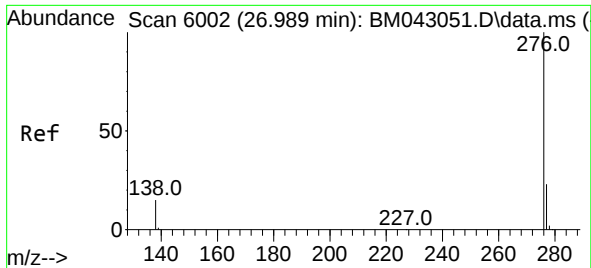


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/ul
RT: 26.208 min Scan# 5769
Delta R.T. -0.030 min
Lab File: BM043066.D
Acq: 28 Nov 2023 01:28



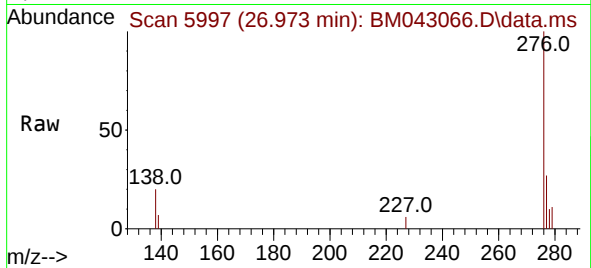
Tgt Ion:276 Resp: 4492
Ion Ratio Lower Upper
276 100
138 14.6 0.0 0.0#
227 1.1 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 26.973 min Scan# 5997
Delta R.T. -0.037 min
Lab File: BM043066.D
Acq: 28 Nov 2023 01:28

Instrument :
BNA_M
ClientSampleId :
C0AH6



Tgt Ion: 276 Resp: 419
Ion Ratio Lower Upper
276 100
138 19.8 17.8 26.8
277 27.3 23.8 35.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

