

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043090.D
 Acq On : 30 Nov 2023 18:15
 Operator : MA/JU
 Sample : 05497-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 01 00:43:52 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 : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	824	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.612	136	2265	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.451	164	1264m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	2489	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	1764	0.400	ng/ul	0.00
23) Perylene-d12	23.753	264	2217m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1142	0.903	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	468	0.154	ng/ul	-0.01
18) Fluoranthene-d10	19.239	212	1082	0.168	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.661	128	1099	0.179	ng/ul	98
7) 2-Methylnaphthalene	12.300	142	732	0.202	ng/ul	98
8) 1-Methylnaphthalene	12.504	142	515	0.127	ng/ul	99
10) Acenaphthylene	14.183	152	243	0.038	ng/ul#	51
11) Acenaphthene	14.516	153	127	0.026	ng/ul#	88
12) Fluorene	15.511	166	176	0.035	ng/ul#	88
15) Phenanthrene	17.251	178	6019	0.847	ng/ul	95
16) Anthracene	17.344	178	1469	0.218	ng/ul#	91
19) Fluoranthene	19.272	202	10729	1.073	ng/ul#	91
20) Pyrene	19.634	202	9388	0.883	ng/ul#	94
21) Benzo(a)anthracene	21.388	228	5070	0.886	ng/ul	95
22) Chrysene	21.441	228	4908	0.460	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	7149	0.956	ng/ul	90
25) Benzo(k)fluoranthene	23.074	252	3324m	0.323	ng/ul	
26) Benzo(a)pyrene	23.642	252	4476	0.548	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.201	276	4047	0.366	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.208	278	1111	0.130	ng/ul#	79
29) Benzo(g,h,i)perylene	26.969	276	4309	0.401	ng/ul	98

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

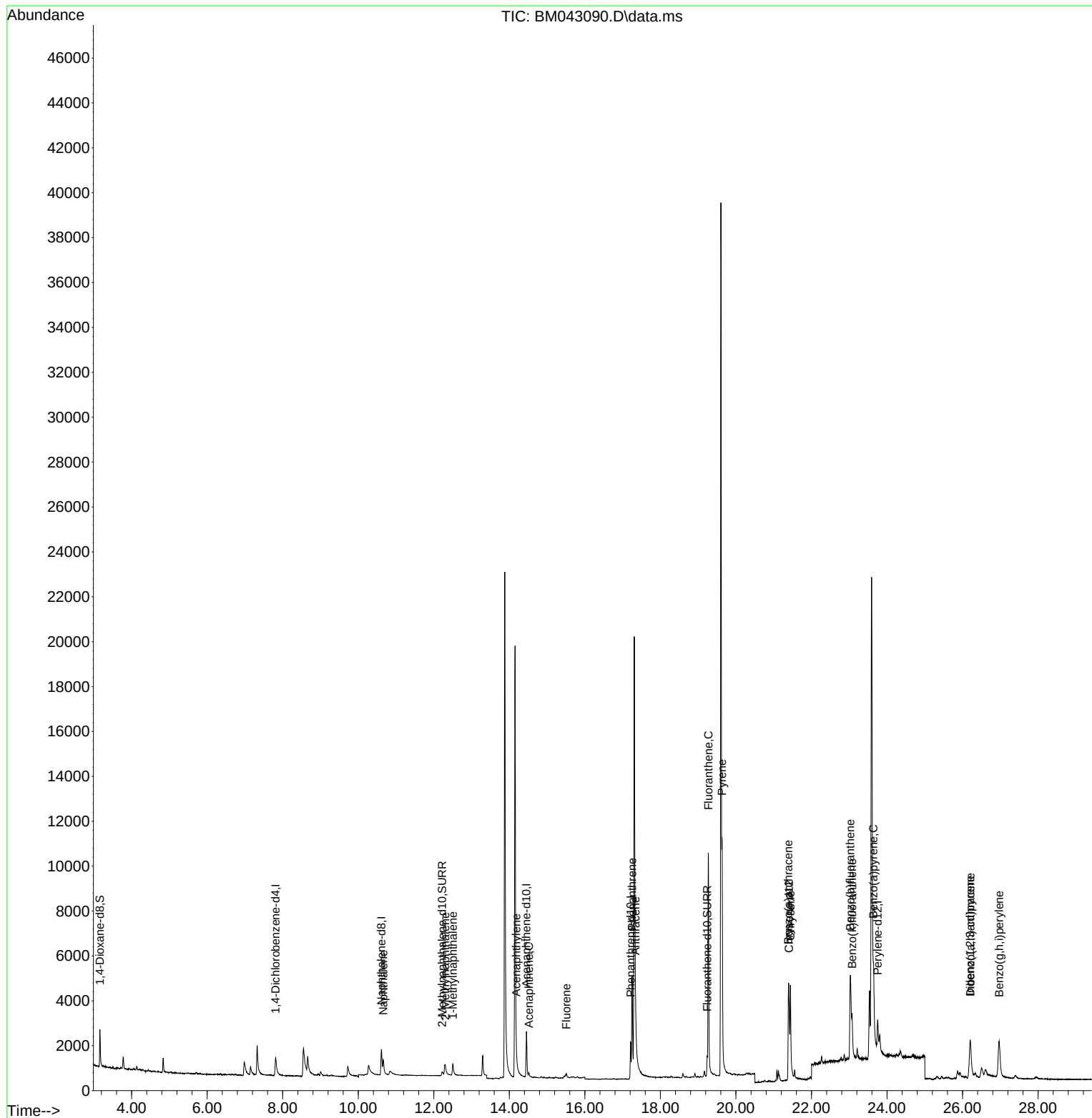
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043090.D
Acq On : 30 Nov 2023 18:15
Operator : MA/JU
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ALS Vial : 7 Sample Multiplier: 1

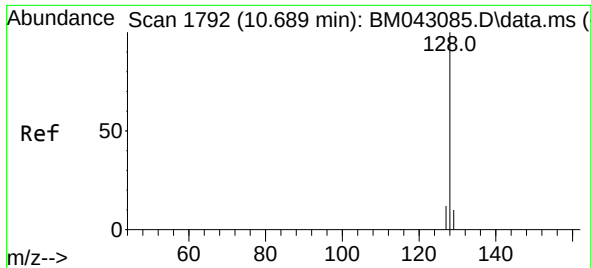
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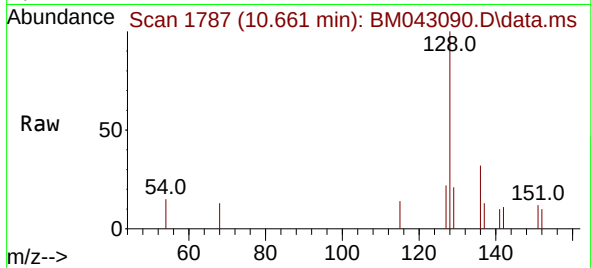
Quant Time: Dec 01 00:43:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.179 ng/ul
RT: 10.661 min Scan# 1787
Delta R.T. -0.027 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15

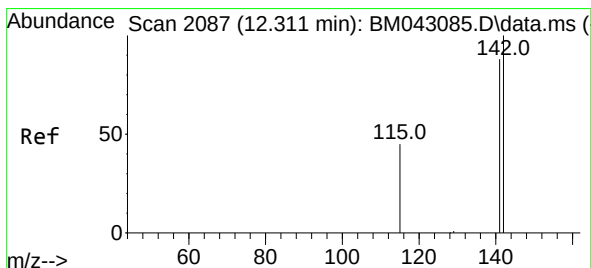
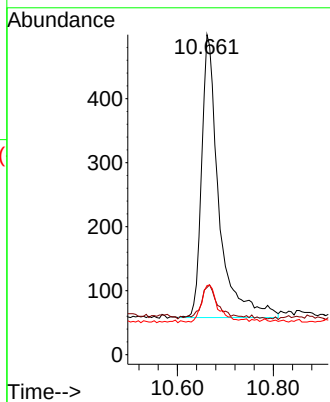
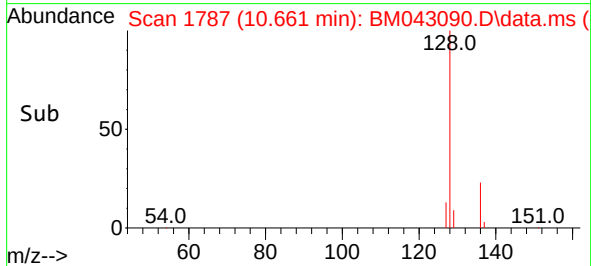
Instrument :
BNA_M
ClientSampleId :
C0AB6



Tgt Ion:128 Resp: 1099
Ion Ratio Lower Upper
128 100
129 21.0 16.0 24.0
127 21.6 16.5 24.7

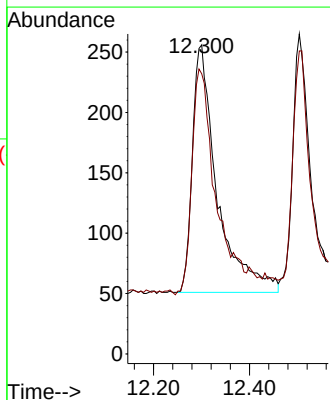
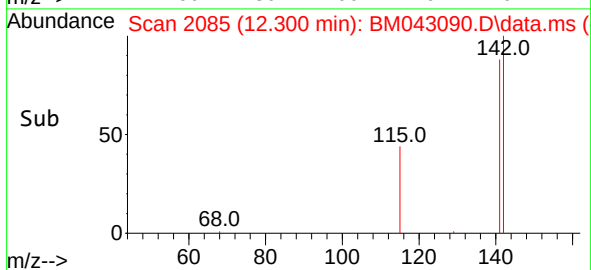
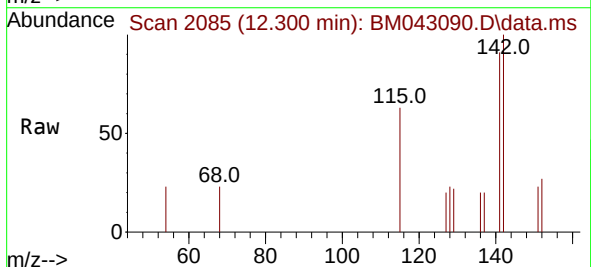
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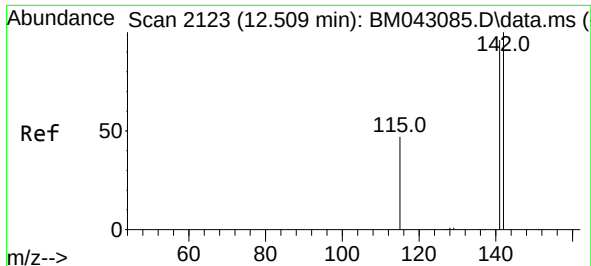
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#7
2-Methylnaphthalene
Concen: 0.202 ng/ul
RT: 12.300 min Scan# 2085
Delta R.T. -0.011 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15

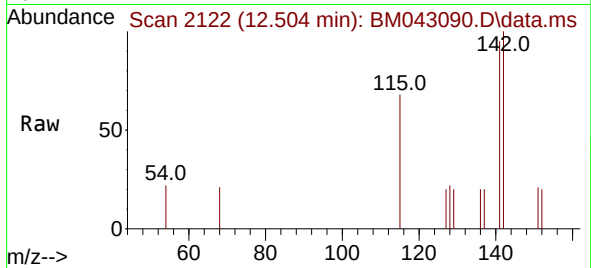
Tgt Ion:142 Resp: 732
Ion Ratio Lower Upper
142 100
141 96.6 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.127 ng/ul
RT: 12.504 min Scan# 2123
Delta R.T. -0.005 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15

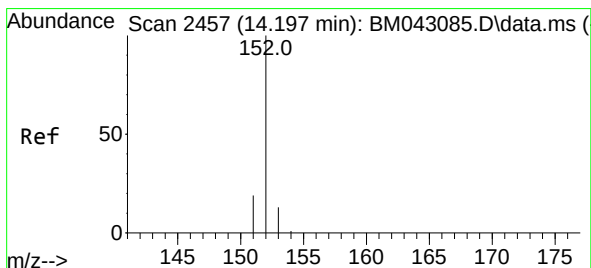
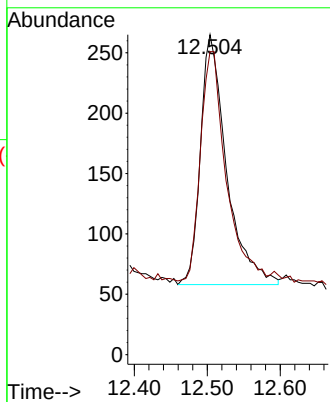
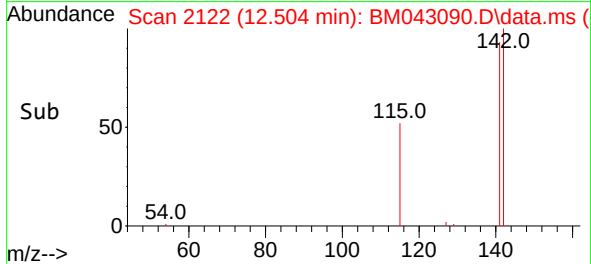
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 519
Ion Ratio Lower Upper
142 100
141 91.1 73.8 110.8

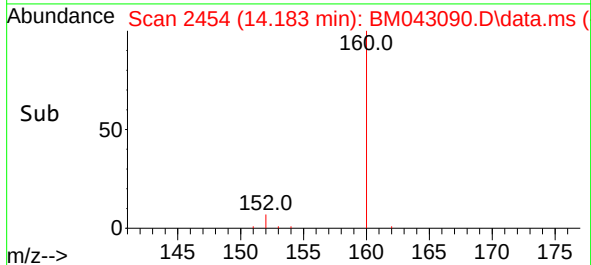
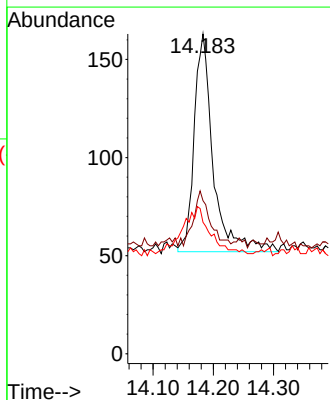
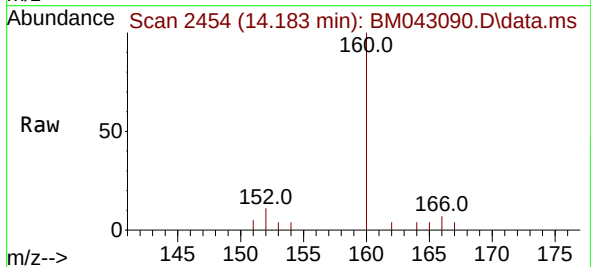
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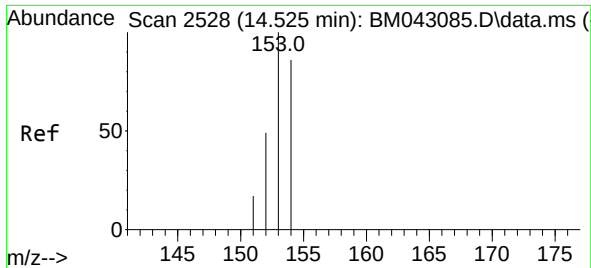
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.183 min Scan# 2454
Delta R.T. -0.014 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15

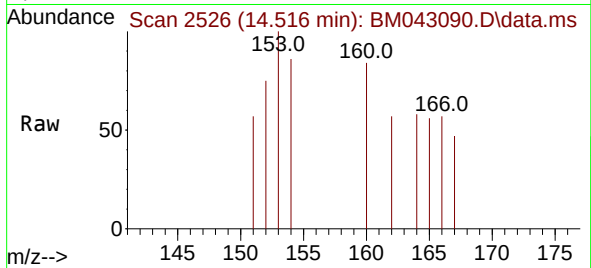
Tgt Ion:152 Resp: 243
Ion Ratio Lower Upper
152 100
151 47.9 19.4 29.0#
153 41.1 14.6 21.8#





#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.516 min Scan# 2526
Delta R.T. -0.009 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15

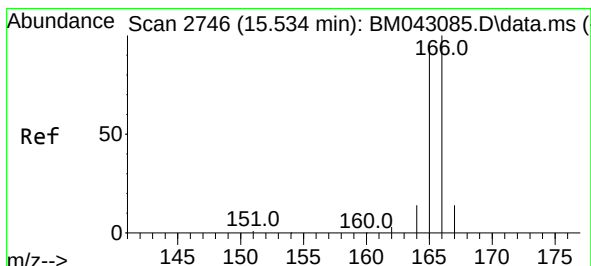
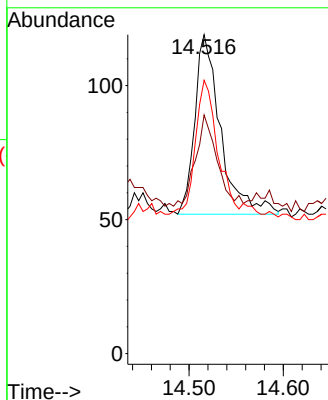
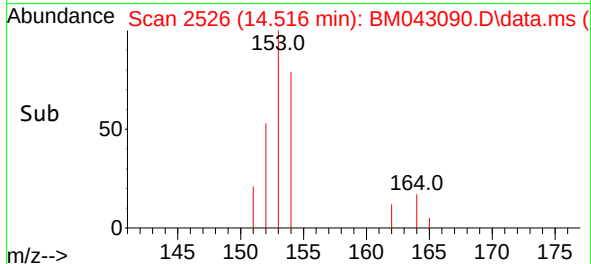
Instrument :
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ClientSampleId :
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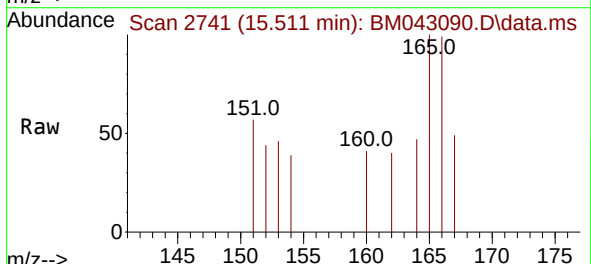
Tgt Ion:153 Resp: 127
Ion Ratio Lower Upper
153 100
152 74.8 43.9 65.9
154 85.7 70.6 105.8

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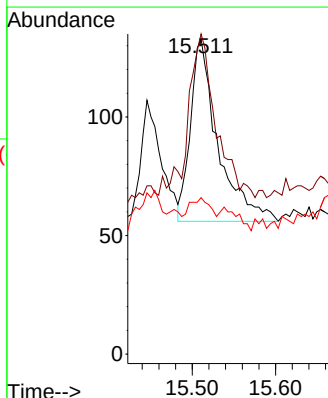
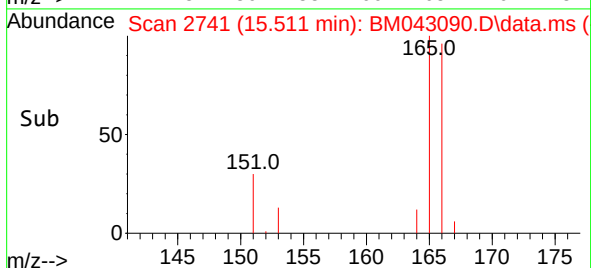
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Supervised By :mohammad ahmed 12/04/2023

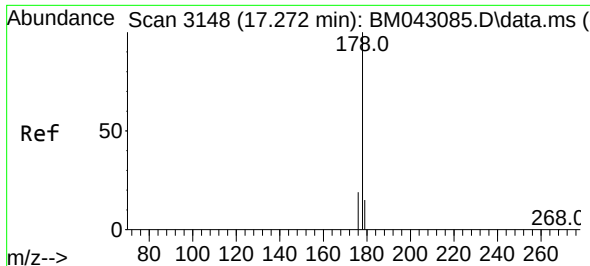


#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.511 min Scan# 2741
Delta R.T. -0.023 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15



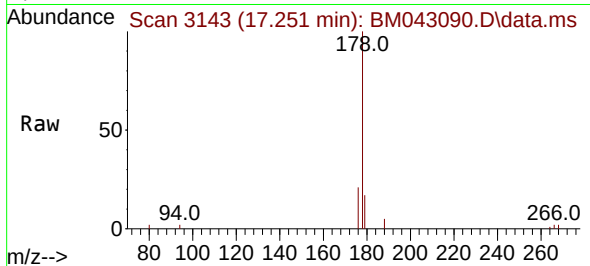
Tgt Ion:166 Resp: 176
Ion Ratio Lower Upper
166 100
165 101.5 79.9 119.9
167 49.6 14.2 21.4





#15
Phenanthrene
Concen: 0.847 ng/ul
RT: 17.251 min Scan# 3143
Delta R.T. -0.021 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15

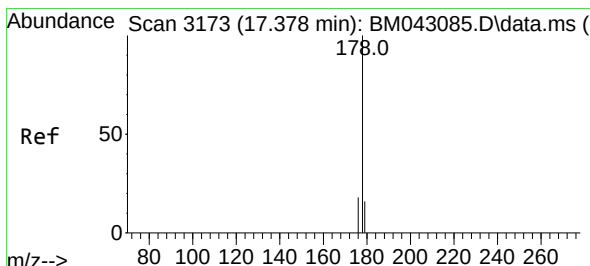
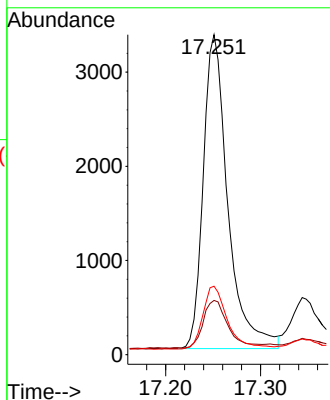
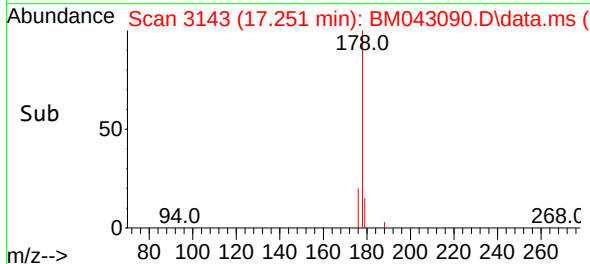
Instrument :
BNA_M
ClientSampleId :
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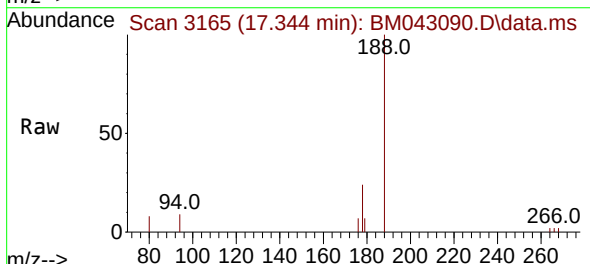
Tgt Ion:178 Resp: 6019
Ion Ratio Lower Upper
178 100
179 17.0 15.7 23.5
176 21.4 18.9 28.3

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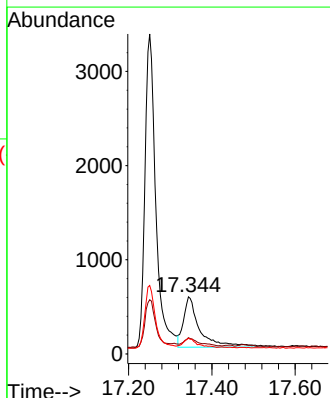
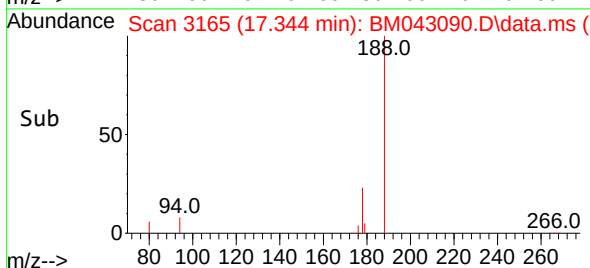
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

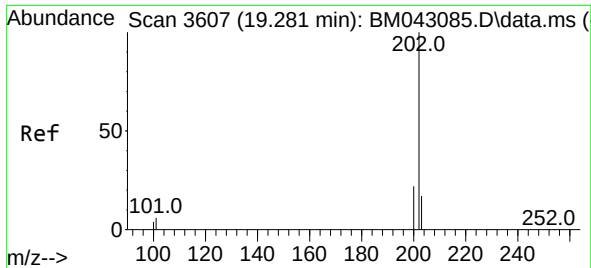


#16
Anthracene
Concen: 0.218 ng/ul
RT: 17.344 min Scan# 3165
Delta R.T. -0.034 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15



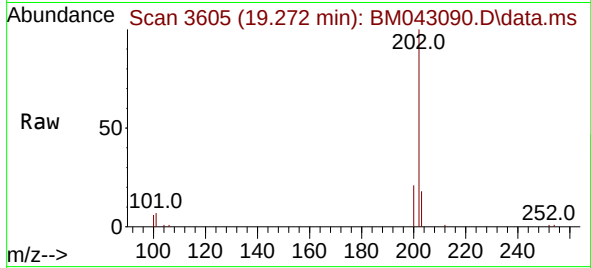
Tgt Ion:178 Resp: 1469
Ion Ratio Lower Upper
178 100
179 28.7 17.3 25.9#
176 27.3 20.5 30.7





#19
Fluoranthene
Concen: 1.073 ng/u1
RT: 19.272 min Scan# 3605
Delta R.T. -0.009 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15

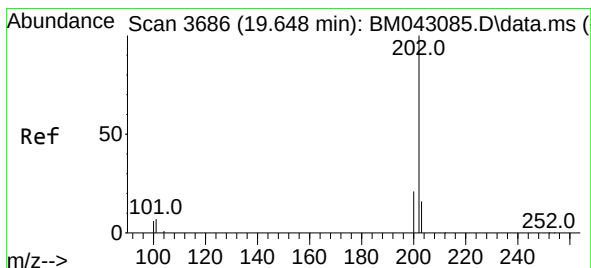
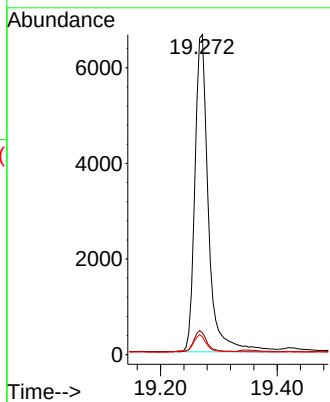
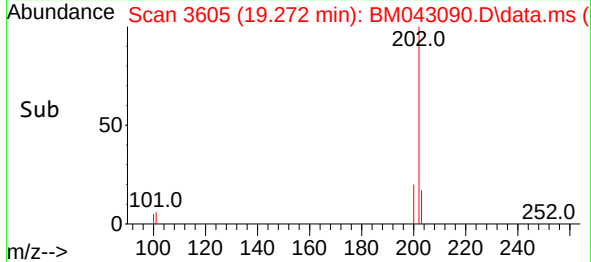
Instrument :
BNA_M
ClientSampleId :
C0AB6



Tgt Ion:202 Resp: 10729
Ion Ratio Lower Upper
202 100
101 6.8 7.8 11.8
100 5.6 7.1 10.7

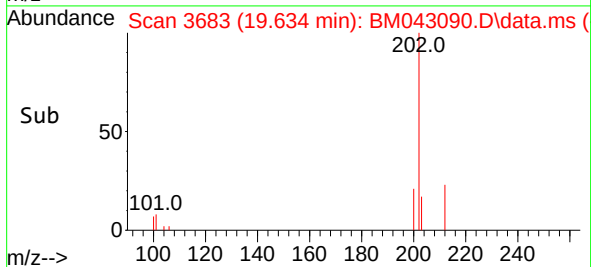
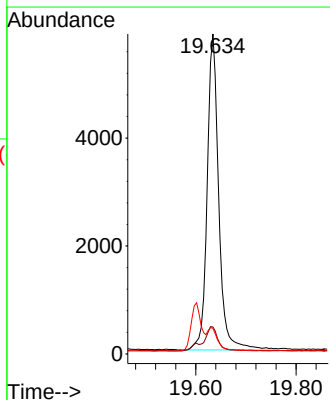
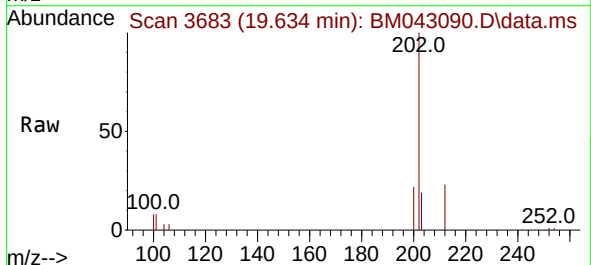
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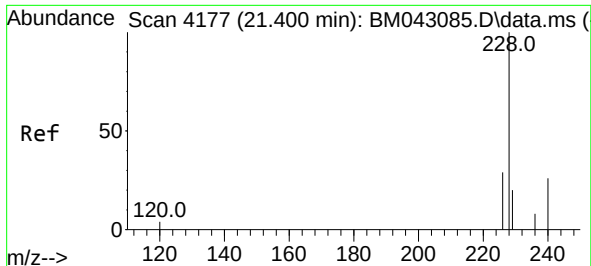
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#20
Pyrene
Concen: 0.883 ng/u1
RT: 19.634 min Scan# 3683
Delta R.T. -0.014 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15

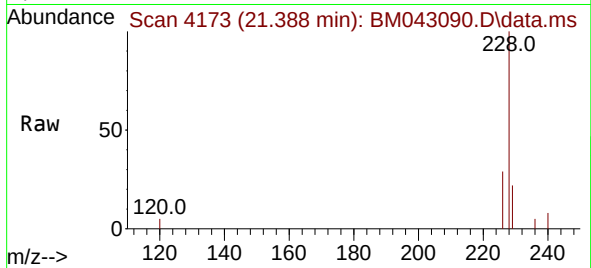
Tgt Ion:202 Resp: 9388
Ion Ratio Lower Upper
202 100
101 8.4 8.7 13.1#
100 8.0 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.886 ng/ul
RT: 21.388 min Scan# 4173
Delta R.T. -0.012 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15

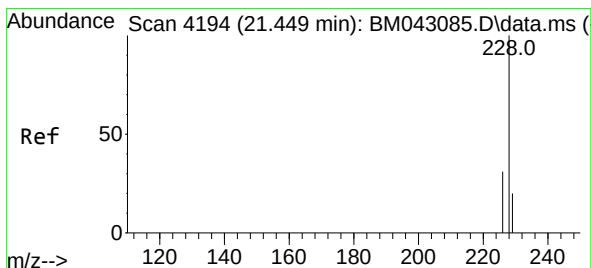
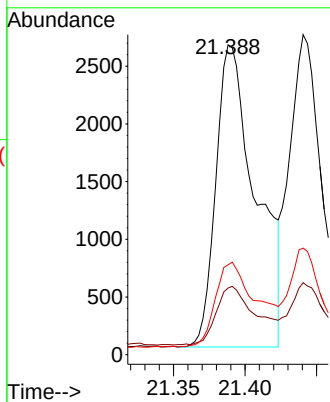
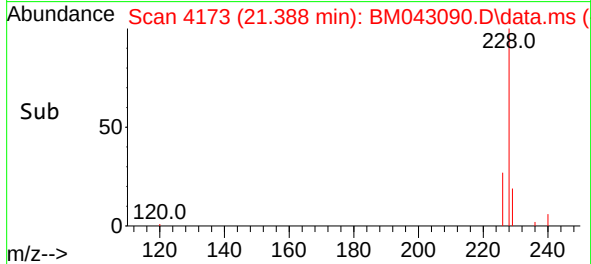
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 5070
Ion Ratio Lower Upper
228 100
229 21.5 19.4 29.0
226 29.0 24.9 37.3

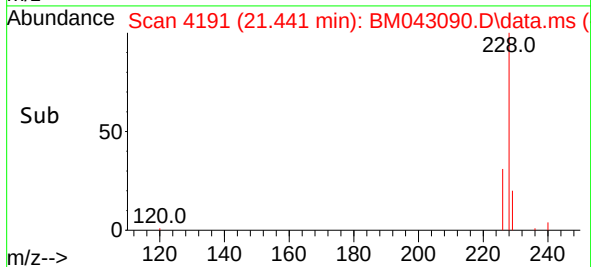
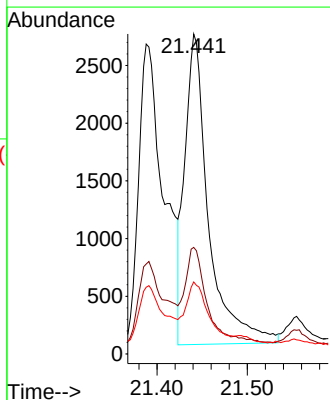
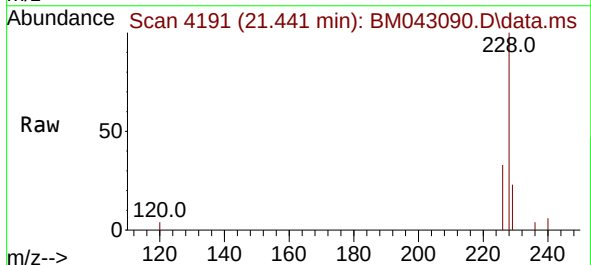
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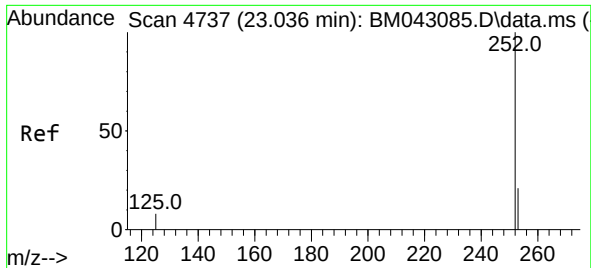
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#22
Chrysene
Concen: 0.460 ng/ul
RT: 21.441 min Scan# 4191
Delta R.T. -0.009 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15

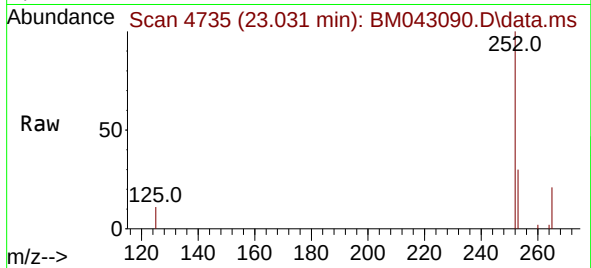
Tgt Ion:228 Resp: 4908
Ion Ratio Lower Upper
228 100
226 33.3 27.2 40.8
229 22.5 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 0.956 ng/ul
RT: 23.031 min Scan# 4735
Delta R.T. -0.006 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15

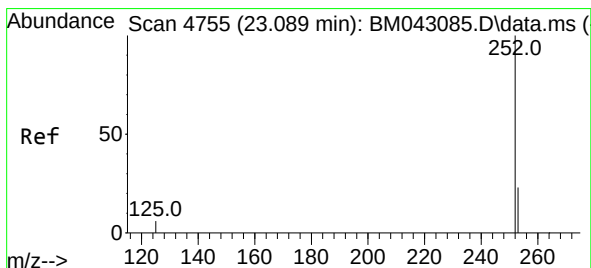
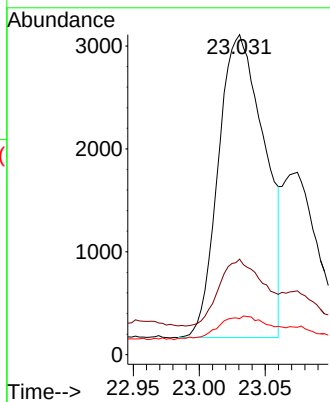
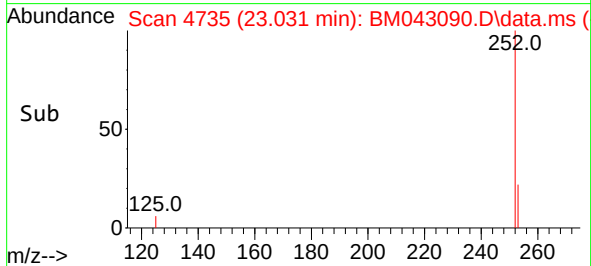
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 7149
Ion Ratio Lower Upper
252 100
253 29.9 0.0 71.8
125 11.3 0.0 29.0

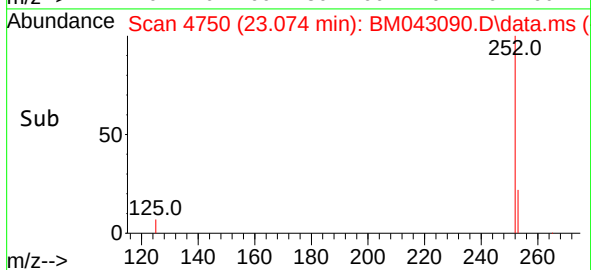
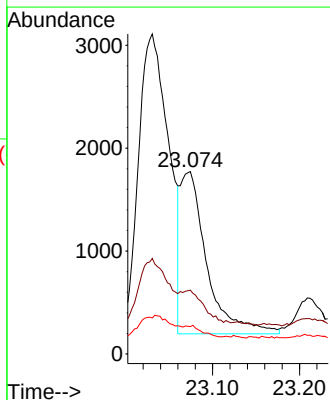
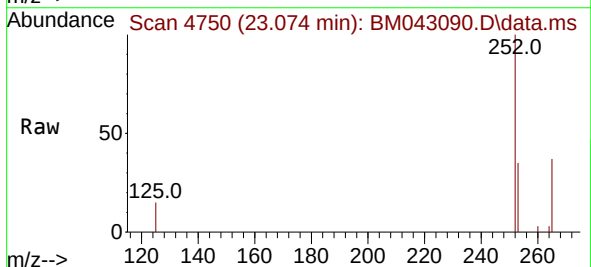
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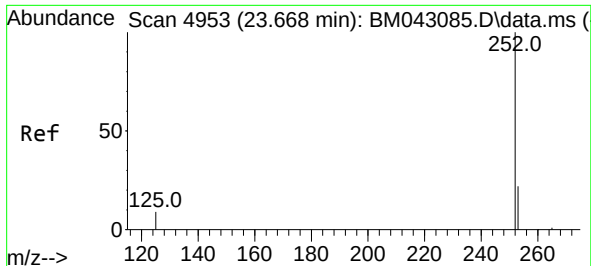
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.323 ng/ul m
RT: 23.074 min Scan# 4750
Delta R.T. -0.015 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15

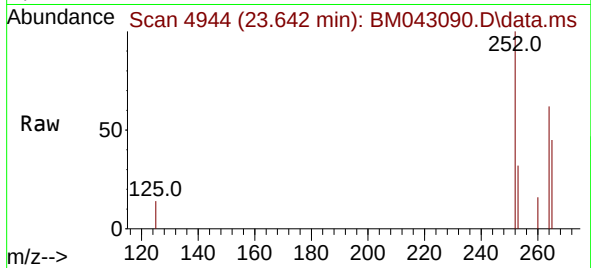
Tgt Ion:252 Resp: 3324
Ion Ratio Lower Upper
252 100
253 35.0 28.2 42.2
125 15.0 11.0 16.6





#26
Benzo(a)pyrene
Concen: 0.548 ng/ul
RT: 23.642 min Scan# 4953
Delta R.T. -0.026 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15

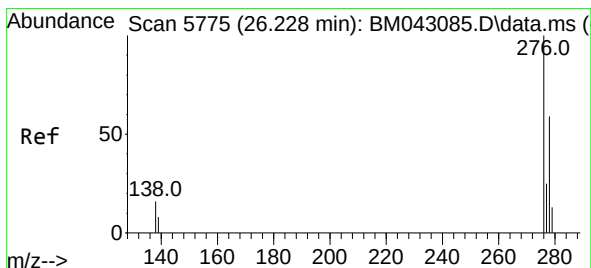
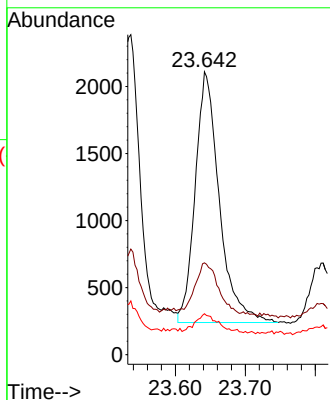
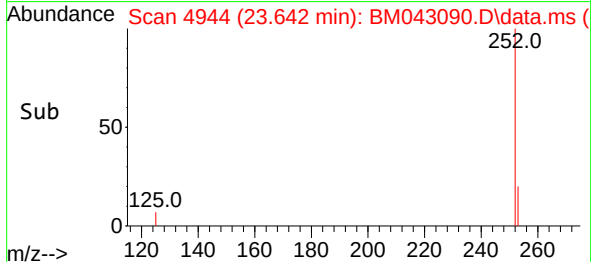
Instrument :
BNA_M
ClientSampleId :
C0AB6



Tgt Ion:252 Resp: 4470
Ion Ratio Lower Upper
252 100
253 32.4 36.6 55.0#
125 14.5 16.2 24.4#

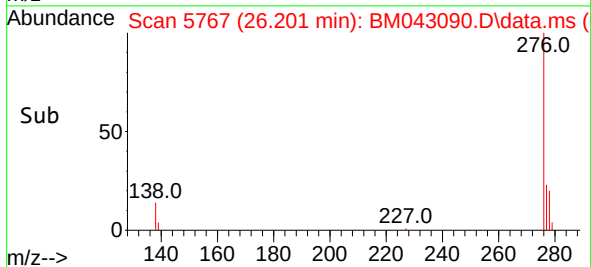
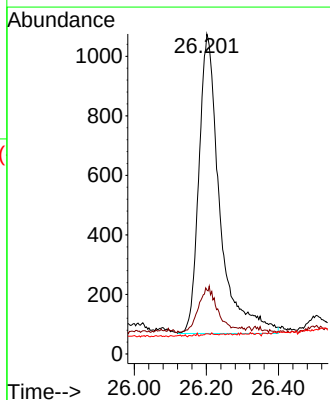
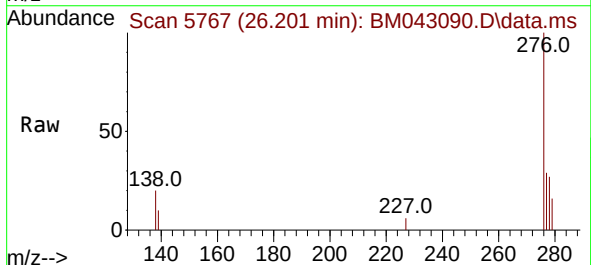
Manual Integrations
APPROVED

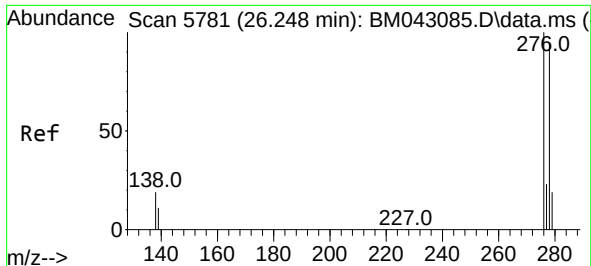
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 26.201 min Scan# 5767
Delta R.T. -0.027 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15

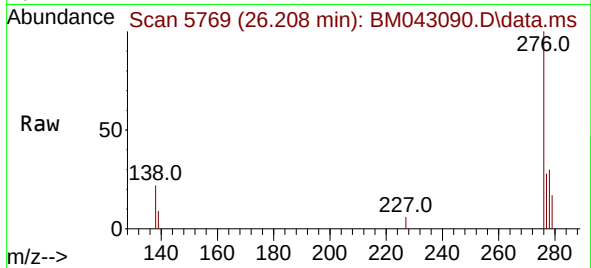
Tgt Ion:276 Resp: 4047
Ion Ratio Lower Upper
276 100
138 14.2 0.0 0.0#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.130 ng/ul
RT: 26.208 min Scan# 5111
Delta R.T. -0.040 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15

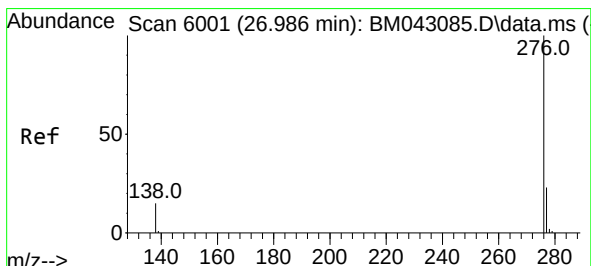
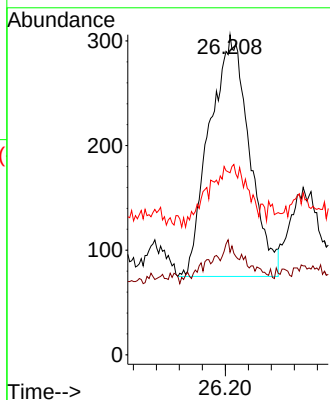
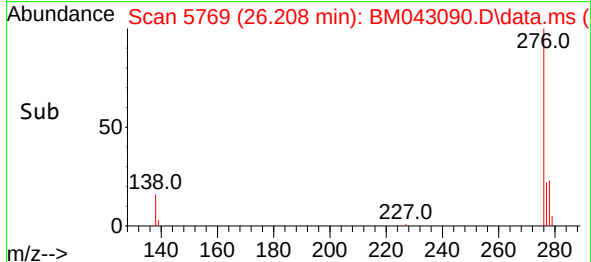
Instrument :
BNA_M
ClientSampleId :
C0AB6



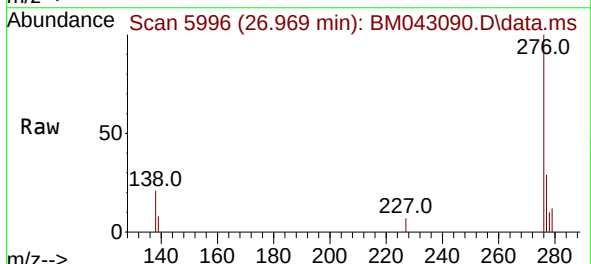
Tgt Ion:278 Resp: 111
Ion Ratio Lower Upper
278 100
139 32.0 18.1 27.1
279 56.9 34.4 51.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 26.969 min Scan# 5996
Delta R.T. -0.017 min
Lab File: BM043090.D
Acq: 30 Nov 2023 18:15



Tgt Ion:276 Resp: 4309
Ion Ratio Lower Upper
276 100
138 20.7 17.8 26.8
277 28.8 23.8 35.8

