

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043150.D
 Acq On : 02 Dec 2023 08:33
 Operator : MA/JU
 Sample : PB157334BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS334

Manual Integrations
 APPROVED

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

Quant Time: Dec 02 22:40:52 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 : 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	7.868	152	678	0.400	ng/ul	0.04
4) Naphthalene-d8	10.634	136	2520	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.456	164	1430	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	2914	0.400	ng/ul	0.01
17) Chrysene-d12	21.415	240	1603	0.400	ng/ul	0.01
23) Perylene-d12	23.765	264	1882	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	684	0.658	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	1101	0.327	ng/ul	0.02
18) Fluoranthene-d10	19.258	212	2165	0.371	ng/ul	0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.193	88	2015	1.804	ng/ul#	84
5) Naphthalene	10.689	128	2086	0.305	ng/ul	98
7) 2-Methylnaphthalene	12.322	142	1190	0.295	ng/ul	97
8) 1-Methylnaphthalene	12.509	142	1296	0.288	ng/ul	99
10) Acenaphthylene	14.192	152	2199	0.301	ng/ul	99
11) Acenaphthene	14.521	153	1712	0.310	ng/ul	97
12) Fluorene	15.529	166	1742	0.307	ng/ul	96
14) Pentachlorophenol	16.896	266	374	0.474	ng/ul	95
15) Phenanthrene	17.272	178	2495	0.300	ng/ul	97
16) Anthracene	17.386	178	2538	0.322	ng/ul	94
19) Fluoranthene	19.286	202	3154	0.347	ng/ul	99
20) Pyrene	19.648	202	3320	0.344	ng/ul	99
21) Benzo(a)anthracene	21.403	228	1842	0.354	ng/ul	99
22) Chrysene	21.450	228	3083	0.318	ng/ul	100
24) Benzo(b)fluoranthene	23.039	252	2361	0.372	ng/ul	99
25) Benzo(k)fluoranthene	23.089	252	3187m	0.364	ng/ul	
26) Benzo(a)pyrene	23.665	252	2317	0.334	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.238	276	3200	0.341	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.265	278	2395	0.330	ng/ul	99
29) Benzo(g,h,i)perylene	26.990	276	3100	0.340	ng/ul	99

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

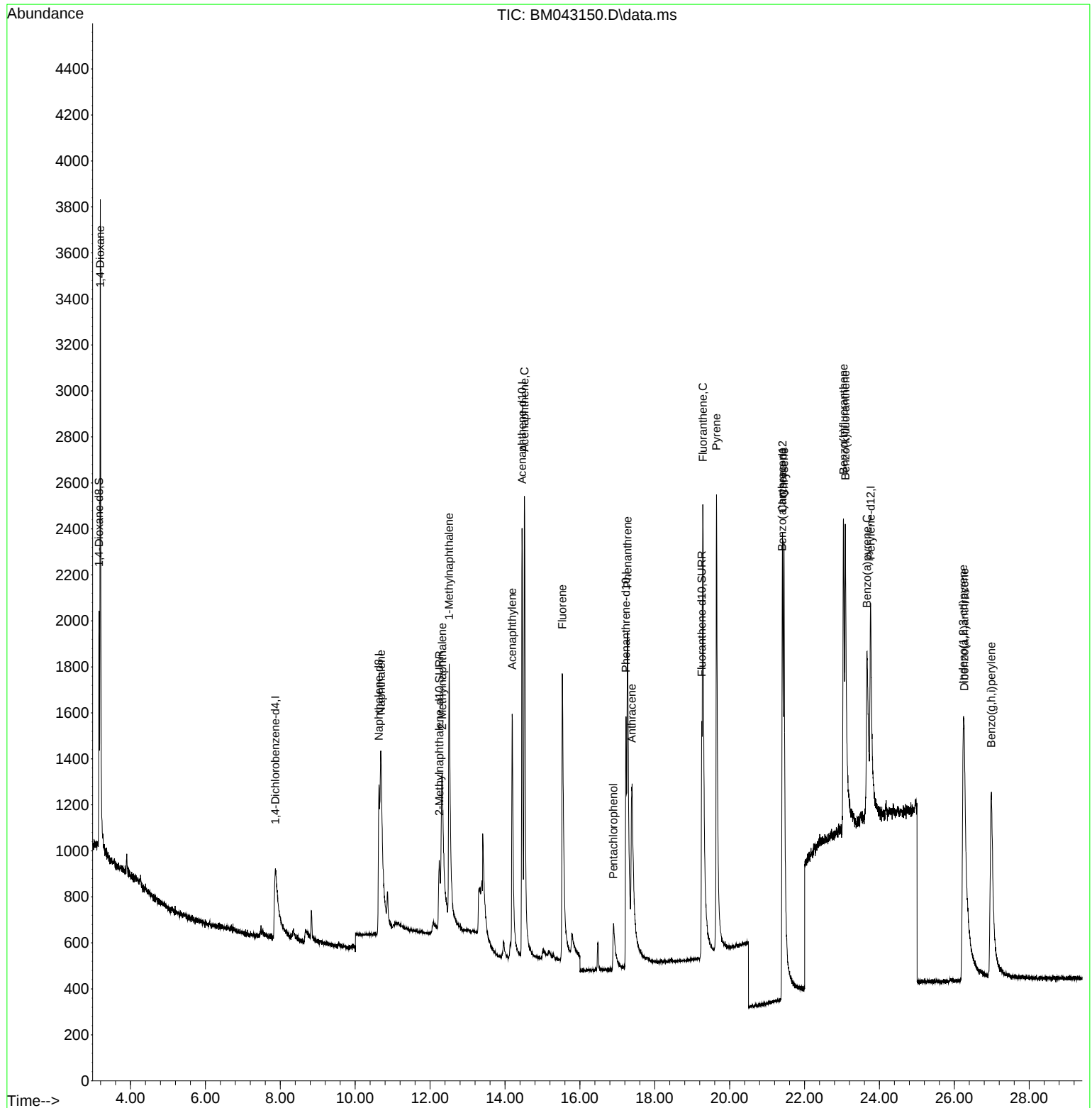
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043150.D
Acq On : 02 Dec 2023 08:33
Operator : MA/JU
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ALS Vial : 68 Sample Multiplier: 1

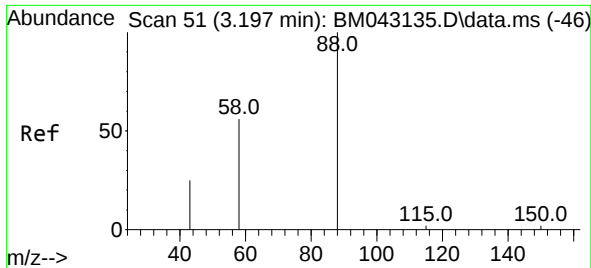
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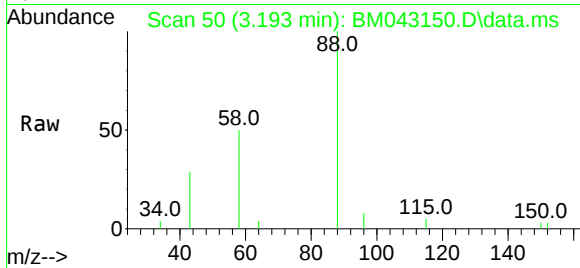
Quant Time: Dec 02 22:40:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 01:12:12 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.804 ng/ul
RT: 3.193 min Scan# 50
Delta R.T. -0.004 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33

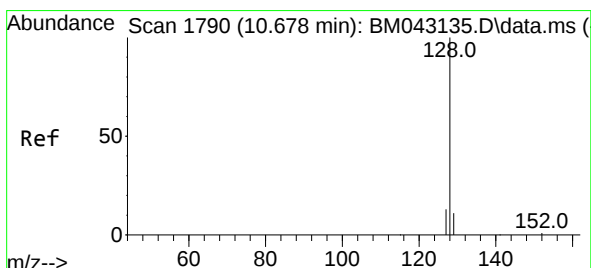
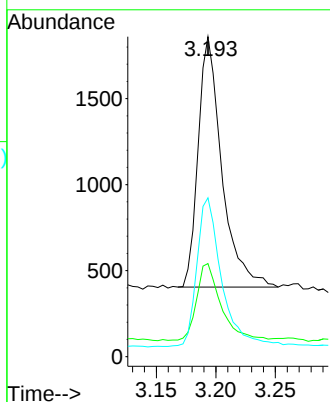
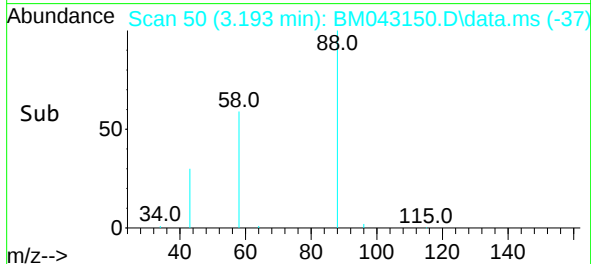
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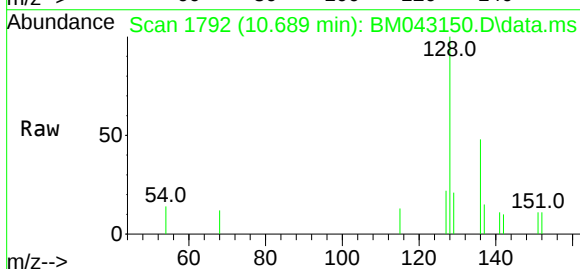
Tgt Ion: 88 Resp: 2015
Ion Ratio Lower Upper
88 100
43 29.1 22.8 34.2
58 49.6 26.8 40.2

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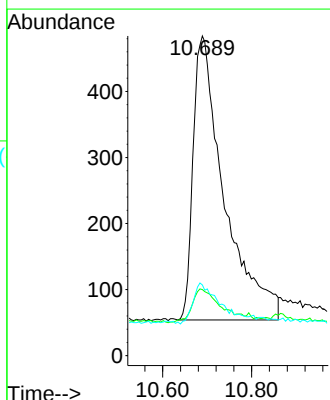
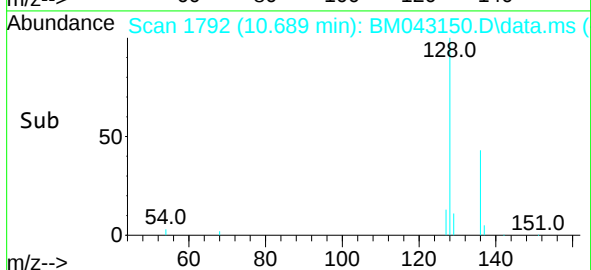
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

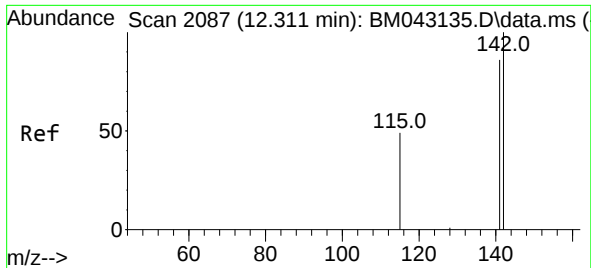


#5
Naphthalene
Concen: 0.305 ng/ul
RT: 10.689 min Scan# 1792
Delta R.T. 0.022 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33



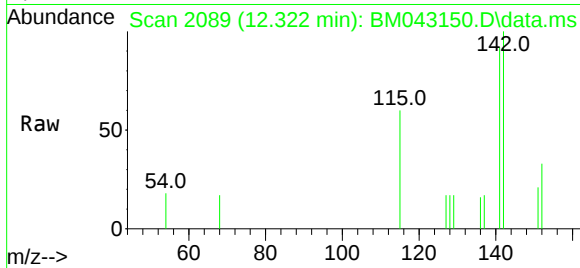
Tgt Ion:128 Resp: 2086
Ion Ratio Lower Upper
128 100
129 20.7 16.0 24.0
127 22.1 16.5 24.7





#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.322 min Scan# 2089
Delta R.T. 0.028 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33

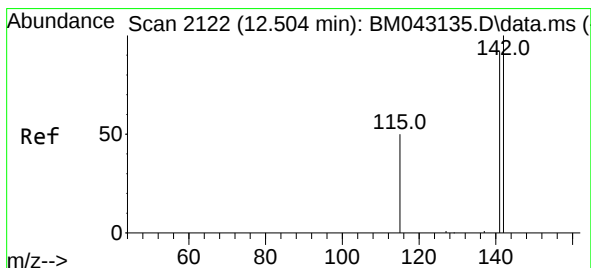
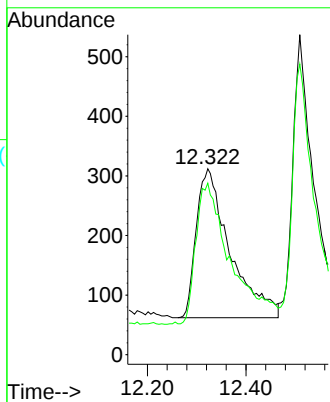
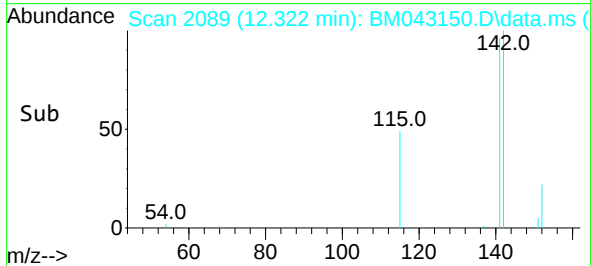
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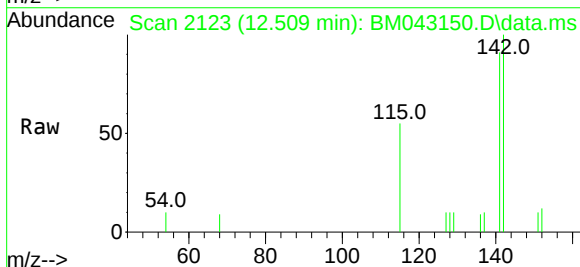
Tgt Ion:142 Resp: 1190
Ion Ratio Lower Upper
142 100
141 98.1 76.1 114.1

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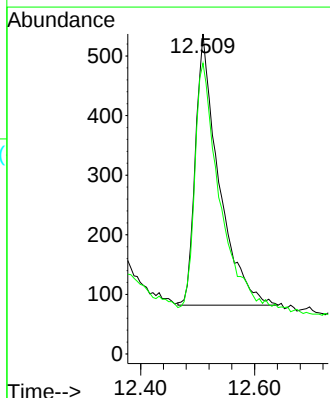
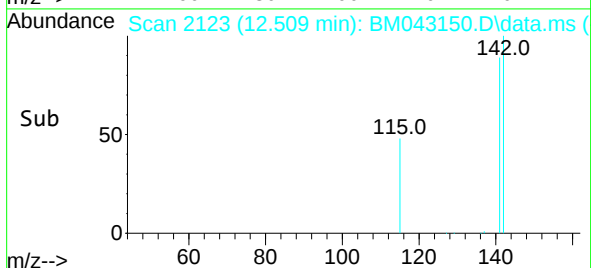
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

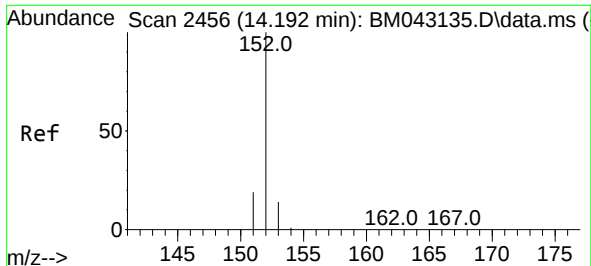


#8
1-Methylnaphthalene
Concen: 0.288 ng/ul
RT: 12.509 min Scan# 2123
Delta R.T. 0.011 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33



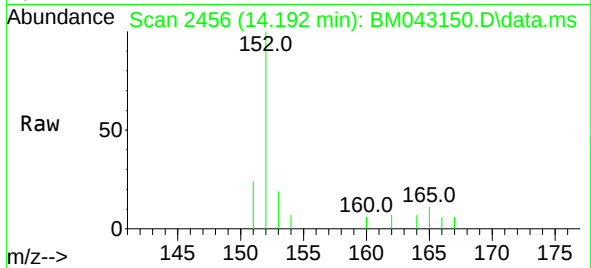
Tgt Ion:142 Resp: 1296
Ion Ratio Lower Upper
142 100
141 93.7 73.8 110.8





#10
Acenaphthylene
Concen: 0.301 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. 0.009 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33

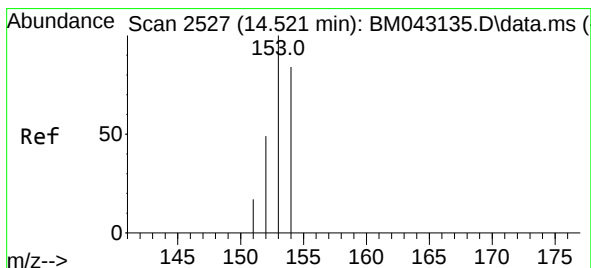
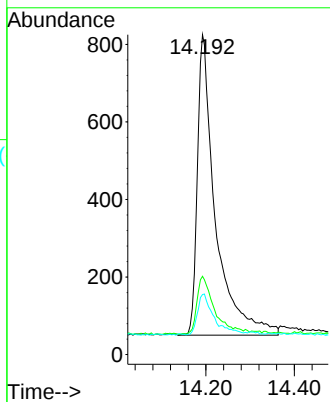
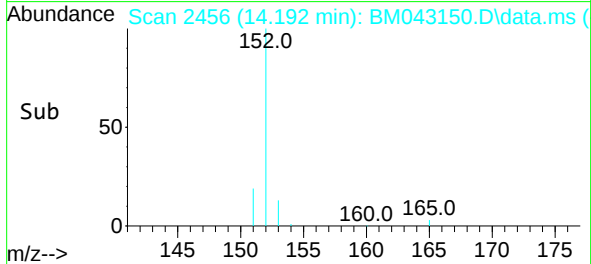
Instrument :
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ClientSampleId :
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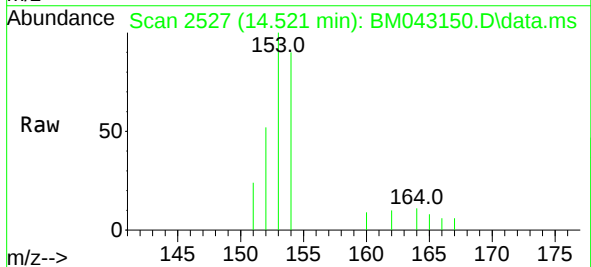
Tgt Ion:152 Resp: 2199
Ion Ratio Lower Upper
152 100
151 24.5 19.4 29.0
153 18.8 14.6 21.8

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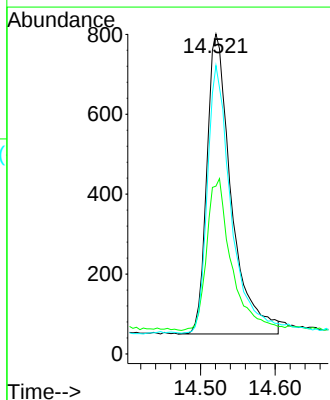
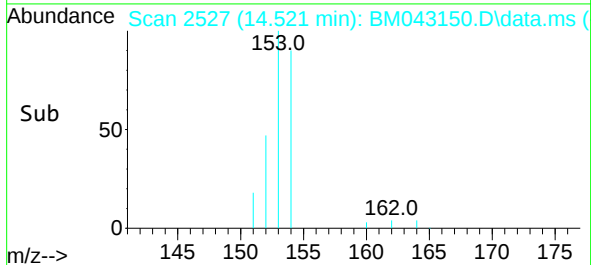
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

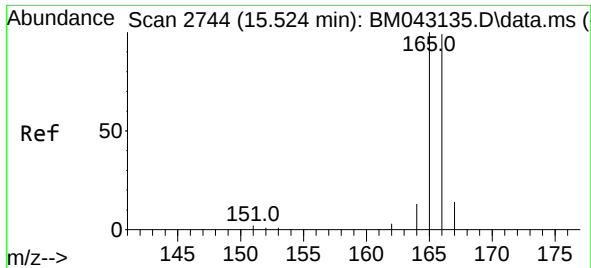


#11
Acenaphthene
Concen: 0.310 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. 0.005 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33



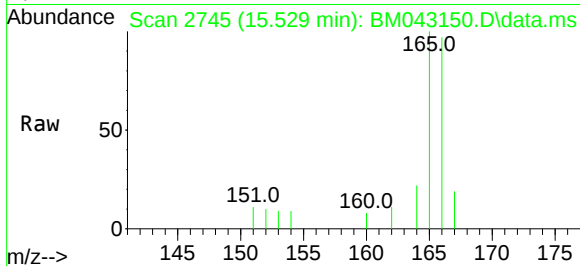
Tgt Ion:153 Resp: 1712
Ion Ratio Lower Upper
153 100
152 52.4 43.9 65.9
154 90.1 70.6 105.8





#12
Fluorene
Concen: 0.307 ng/ul
RT: 15.529 min Scan# 21
Delta R.T. 0.014 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33

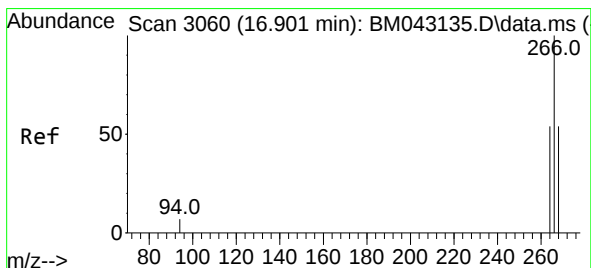
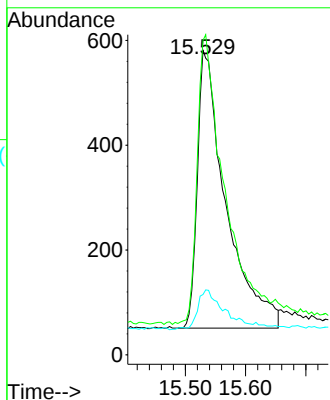
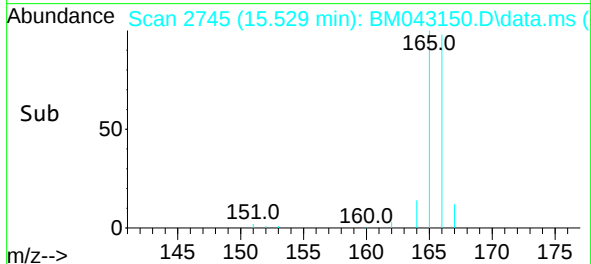
Instrument :
BNA_M
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Tgt Ion:166 Resp: 174
Ion Ratio Lower Upper
166 100
165 103.3 79.9 119.9
167 19.8 14.2 21.4

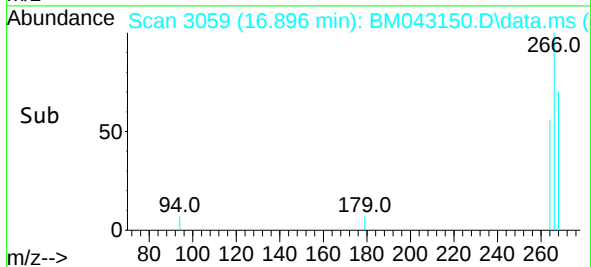
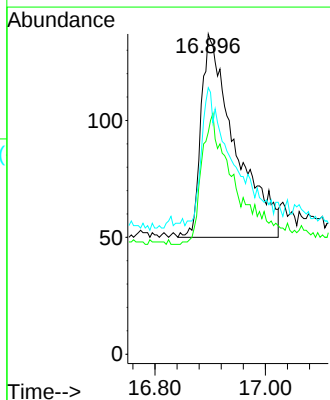
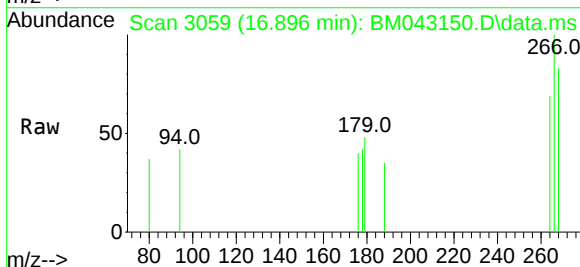
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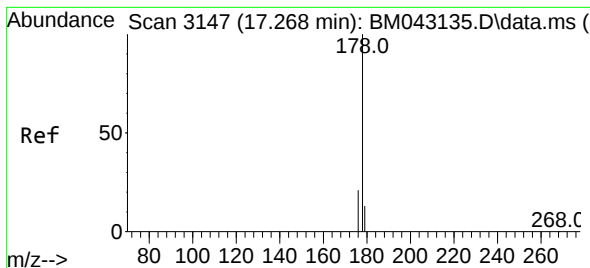
Reviewed By :Yogesh Patel 12/04/2023
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#14
Pentachlorophenol
Concen: 0.474 ng/ul
RT: 16.896 min Scan# 3059
Delta R.T. 0.017 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33

Tgt Ion:266 Resp: 374
Ion Ratio Lower Upper
266 100
264 66.3 48.8 73.2
268 62.0 51.8 77.6





#15

Phenanthrene

Concen: 0.300 ng/u1

RT: 17.272 min Scan# 3147

Delta R.T. 0.013 min

Lab File: BM043150.D

Acq: 02 Dec 2023 08:33

Instrument :

BNA_M

ClientSampleId :

SLCS334

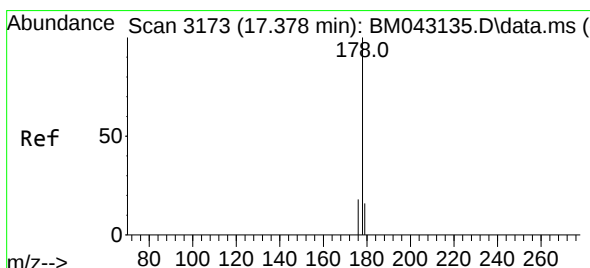
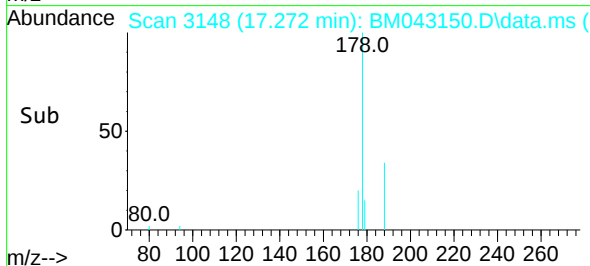
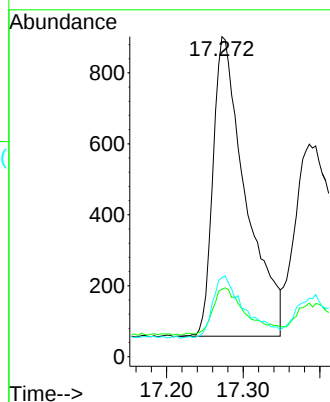
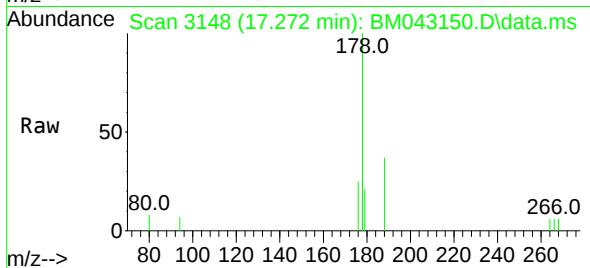
Tgt Ion:178	Resp:	249
Ion Ratio	Lower	Upper
178	100	
179	21.1	15.7 23.5
176	24.7	18.9 28.3

Manual Integrations

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#16

Anthracene

Concen: 0.322 ng/u1

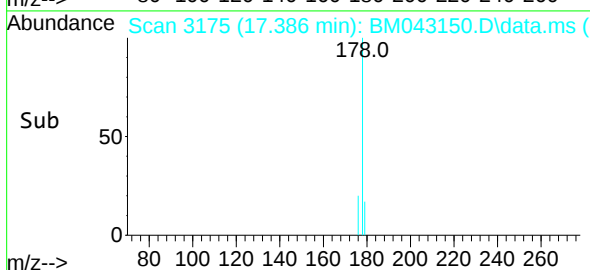
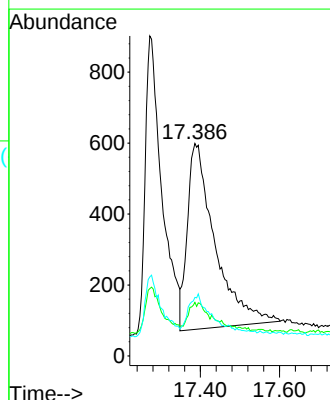
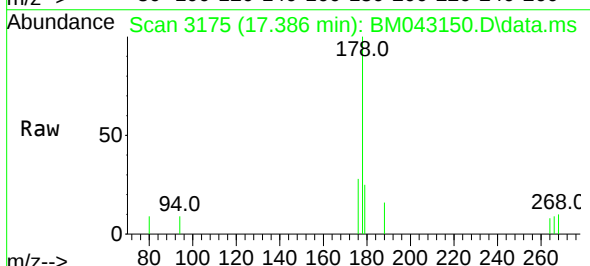
RT: 17.386 min Scan# 3175

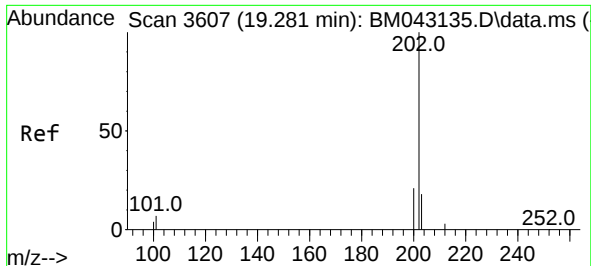
Delta R.T. 0.025 min

Lab File: BM043150.D

Acq: 02 Dec 2023 08:33

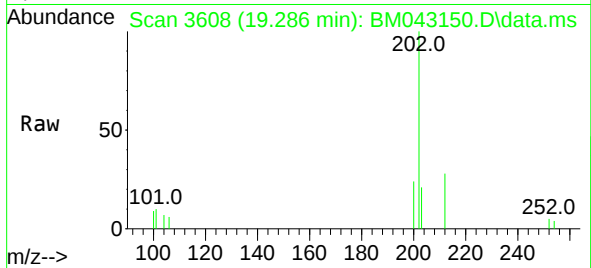
Tgt Ion:178	Resp:	2538
Ion Ratio	Lower	Upper
178	100	
179	25.2	17.3 25.9
176	27.5	20.5 30.7





#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 19.286 min Scan# 3608
Delta R.T. 0.014 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33

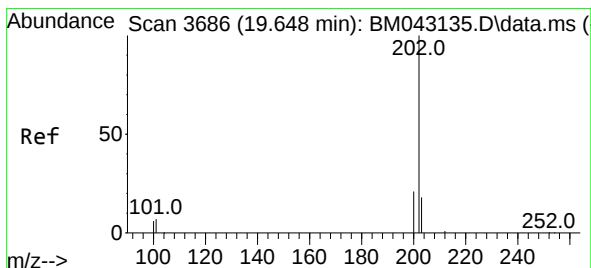
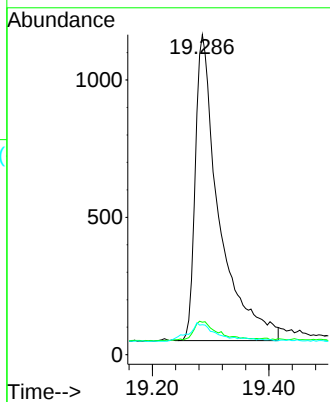
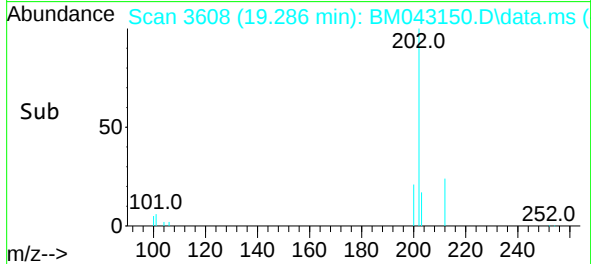
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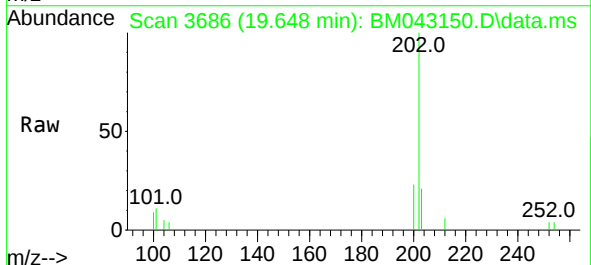
Tgt Ion:202 Resp: 3154
Ion Ratio Lower Upper
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101 10.1 7.8 11.8
100 9.4 7.1 10.7

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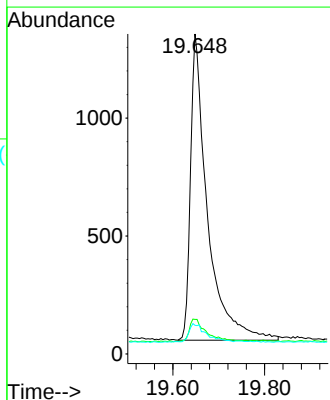
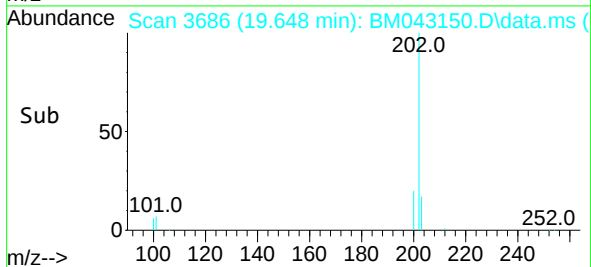
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

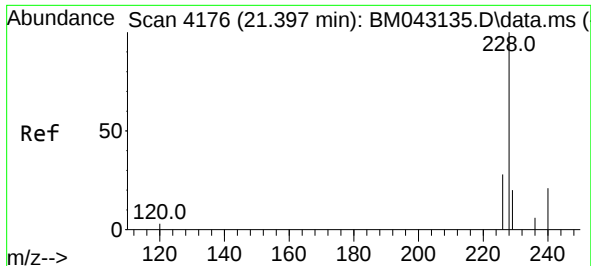


#20
Pyrene
Concen: 0.344 ng/ul
RT: 19.648 min Scan# 3686
Delta R.T. 0.009 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33



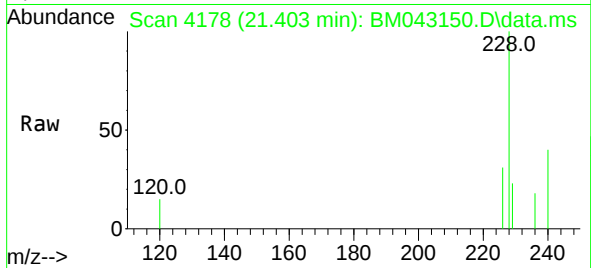
Tgt Ion:202 Resp: 3320
Ion Ratio Lower Upper
202 100
101 10.8 8.7 13.1
100 8.9 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.354 ng/u1
RT: 21.403 min Scan# 4176
Delta R.T. 0.015 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33

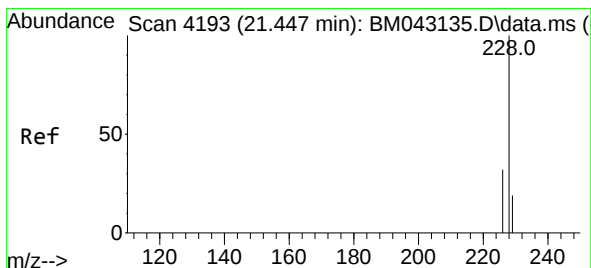
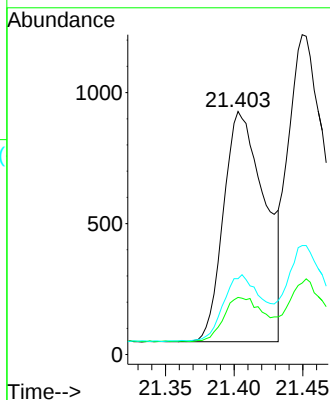
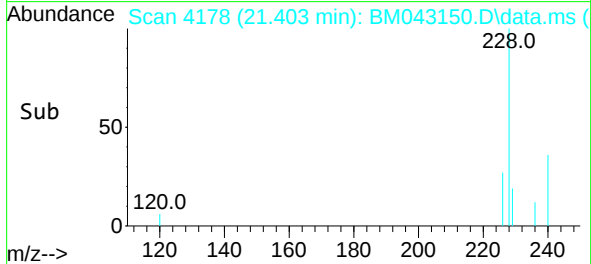
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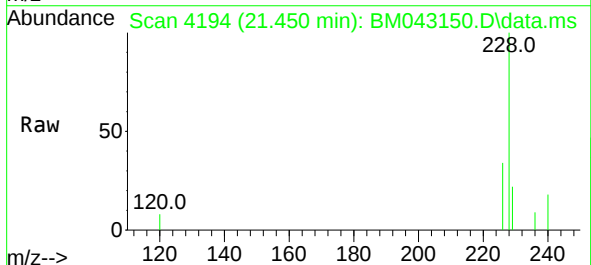
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Ion Ratio Lower Upper
228 100
229 23.5 19.4 29.0
226 31.3 24.9 37.3

Manual Integrations
APPROVED

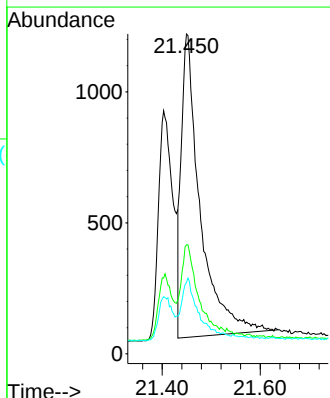
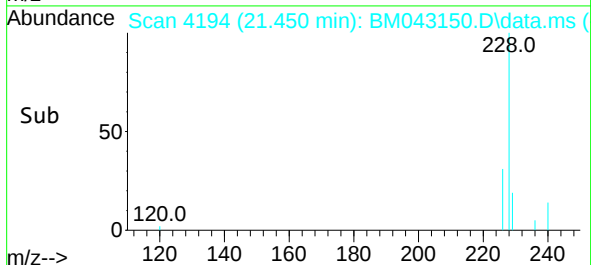
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

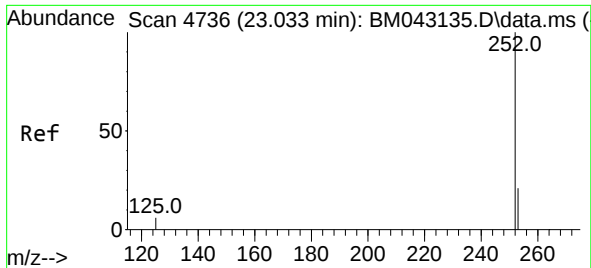


#22
Chrysene
Concen: 0.318 ng/u1
RT: 21.450 min Scan# 4194
Delta R.T. 0.012 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33



Tgt Ion:228 Resp: 3083
Ion Ratio Lower Upper
228 100
226 34.1 27.2 40.8
229 22.4 18.0 27.0





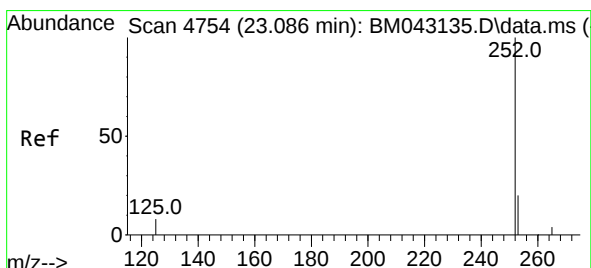
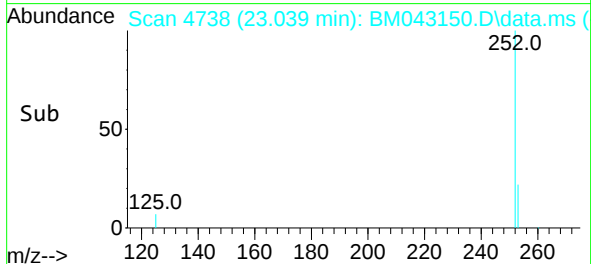
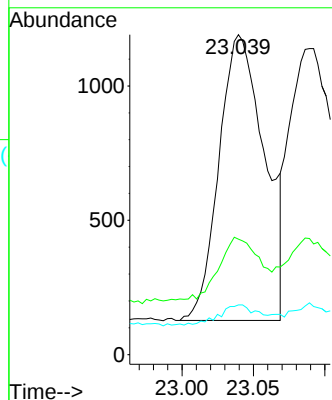
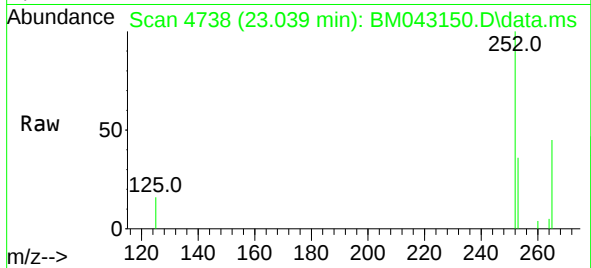
#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 23.039 min Scan# 4736
Delta R.T. 0.012 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33

Instrument :
BNA_M
ClientSampleId :
SLCS334

Tgt Ion:252 Resp: 236
Ion Ratio Lower Upper
252 100
253 36.1 0.0 71.8
125 15.5 0.0 29.0

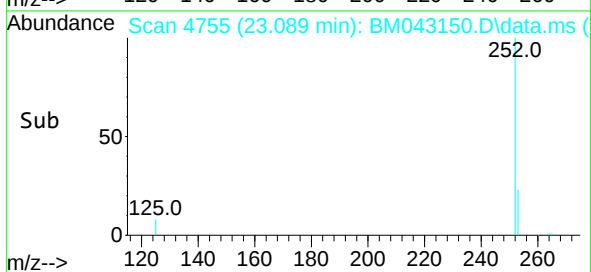
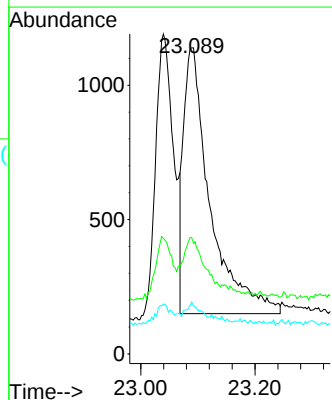
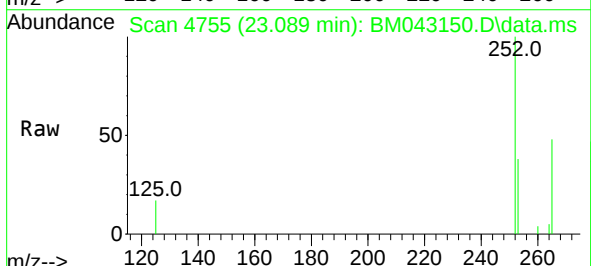
Manual Integrations
APPROVED

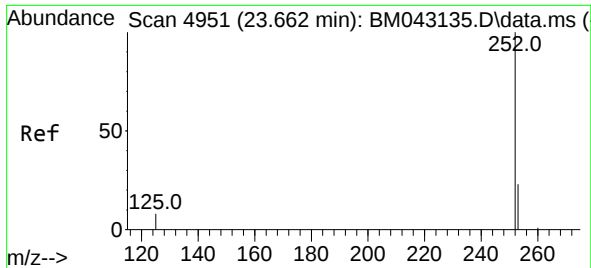
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul m
RT: 23.089 min Scan# 4755
Delta R.T. 0.012 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33

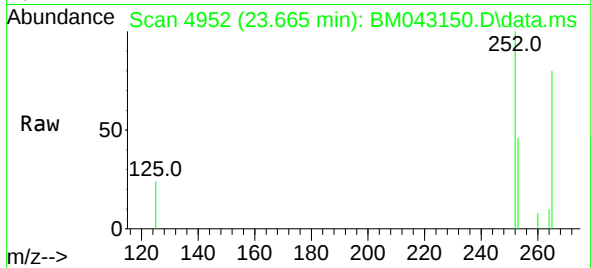
Tgt Ion:252 Resp: 3187
Ion Ratio Lower Upper
252 100
253 37.9 28.2 42.2
125 16.9 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.334 ng/ul
RT: 23.665 min Scan# 4951
Delta R.T. 0.015 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33

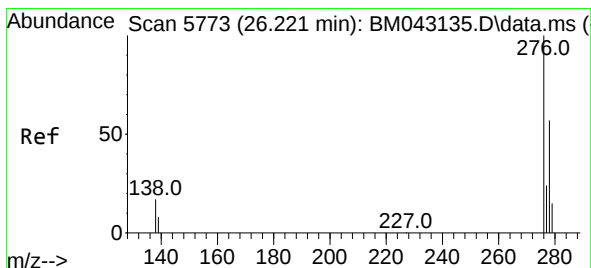
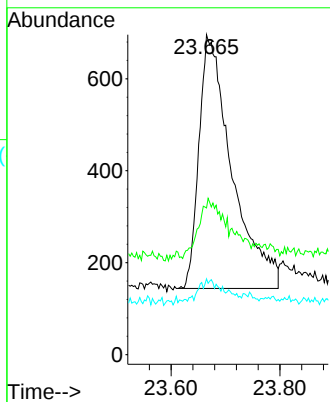
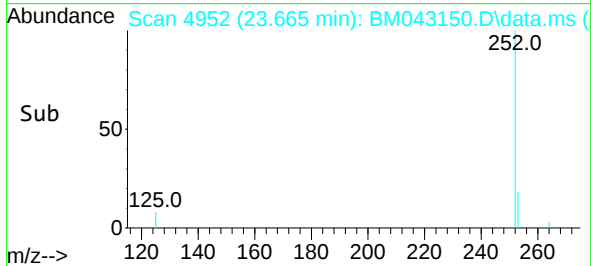
Instrument :
BNA_M
ClientSampleId :
SLCS334



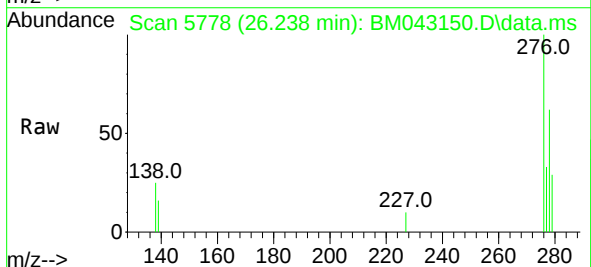
Tgt Ion:252 Resp: 231
Ion Ratio Lower Upper
252 100
253 45.8 36.6 55.0
125 23.7 16.2 24.4

Manual Integrations
APPROVED

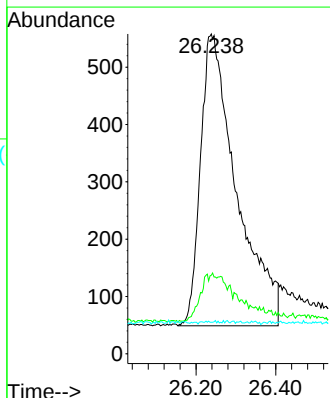
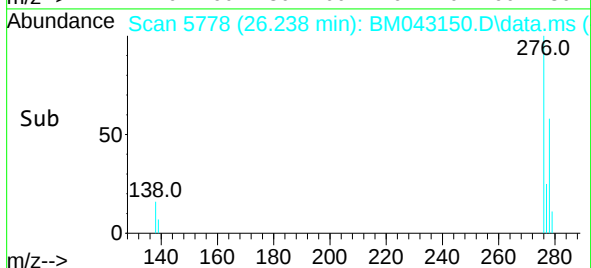
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

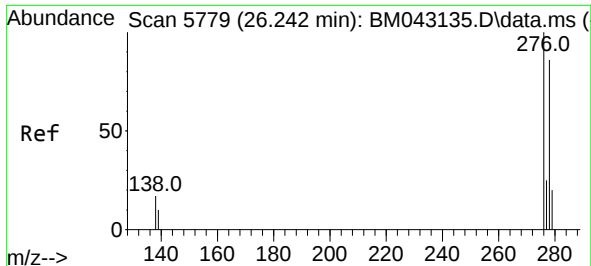


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 26.238 min Scan# 5778
Delta R.T. 0.034 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33



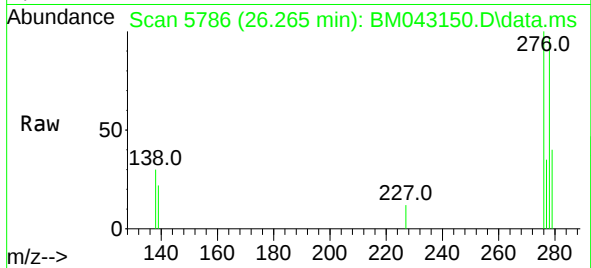
Tgt Ion:276 Resp: 3200
Ion Ratio Lower Upper
276 100
138 16.6 0.0 0.0#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.330 ng/ul
RT: 26.265 min Scan# 51
Delta R.T. 0.054 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33

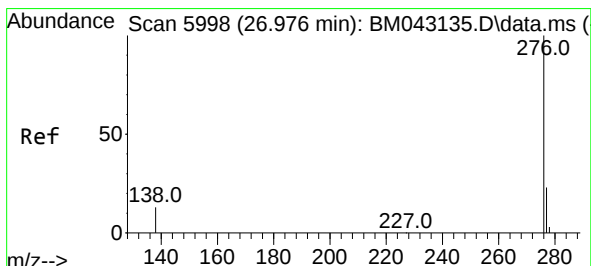
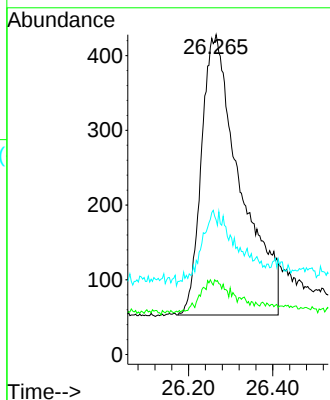
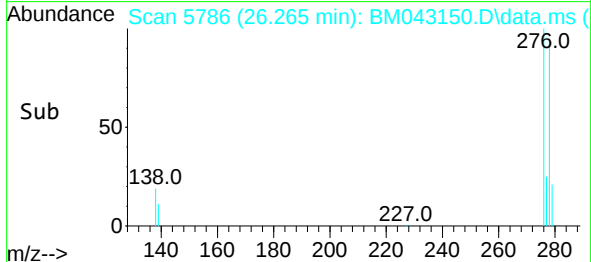
Instrument :
BNA_M
ClientSampleId :
SLCS334



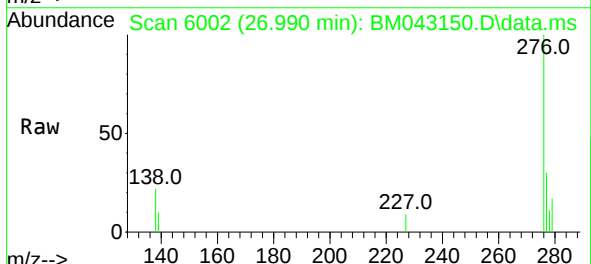
Tgt Ion: 278 Resp: 239
Ion Ratio Lower Upper
278 100
139 22.9 18.1 27.1
279 42.1 34.4 51.6

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.340 ng/ul
RT: 26.990 min Scan# 6002
Delta R.T. 0.030 min
Lab File: BM043150.D
Acq: 02 Dec 2023 08:33



Tgt Ion: 276 Resp: 3100
Ion Ratio Lower Upper
276 100
138 21.6 17.8 26.8
277 30.2 23.8 35.8

