

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038124.D
 Acq On : 20 Dec 2022 04:51
 Operator : CG/JU
 Sample : N6006-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXZ4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 20 05:44:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5157	0.400	ng/ul	0.00
4) Naphthalene-d8	10.861	136	16291	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	9358	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	19708	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	14846	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	14409	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	29711	4.215	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	8385	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	18669	0.347	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.911	128	2538	0.051	ng/ul#	91
7) 2-Methylnaphthalene	12.517	142	1360	0.045	ng/ul	99
8) 1-Methylnaphthalene	12.731	142	1126	0.036	ng/ul	99
10) Acenaphthylene	14.398	152	2793	0.057	ng/ul#	87
11) Acenaphthene	14.735	153	1806	0.049	ng/ul	98
12) Fluorene	15.716	166	1655	0.040	ng/ul#	95
14) Pentachlorophenol	17.063	266	275	0.034	ng/ul	89
15) Phenanthrene	17.451	178	39615	0.597	ng/ul	100
16) Anthracene	17.544	178	7579	0.124	ng/ul	94
19) Fluoranthene	19.459	202	95753	1.249	ng/ul	97
20) Pyrene	19.822	202	74984m	0.958	ng/ul	
21) Benzo(a)anthracene	21.559	228	40878	0.637	ng/ul	99
22) Chrysene	21.615	228	43442	0.671	ng/ul	97
24) Benzo(b)fluoranthene	23.278	252	59149m	0.866	ng/ul	
25) Benzo(k)fluoranthene	23.325	252	21436m	0.325	ng/ul	
26) Benzo(a)pyrene	23.918	252	34636	0.602	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.589	276	24837	0.344	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.595	278	6592	0.117	ng/ul#	75
29) Benzo(g,h,i)perylene	27.387	276	17028	0.277	ng/ul	97

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

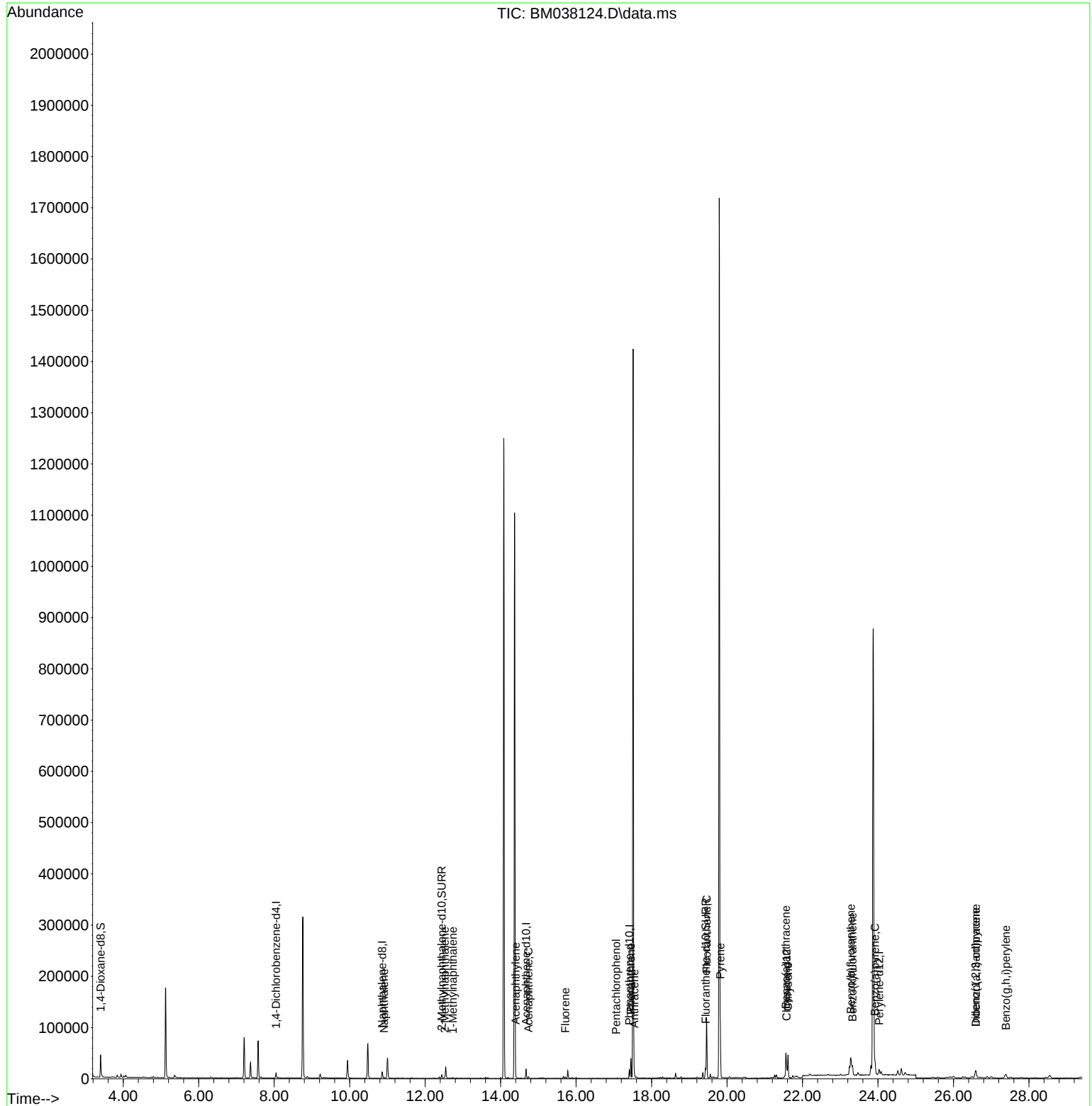
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038124.D
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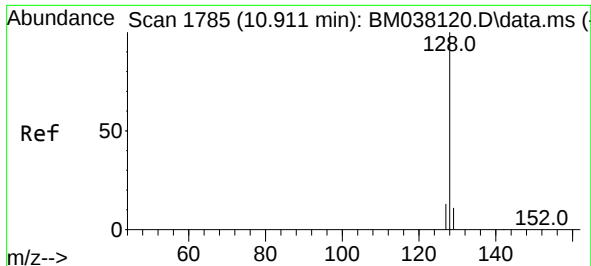
Instrument :
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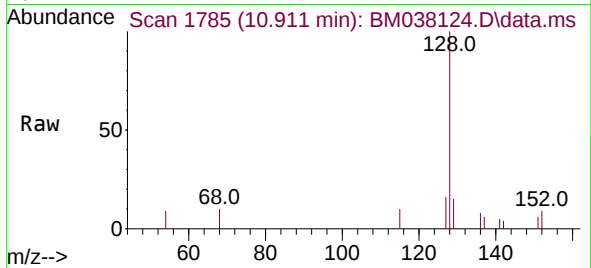
Quant Time: Dec 20 05:44:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.051 ng/ul
RT: 10.911 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BM038124.D
Acq: 20 Dec 2022 04:51

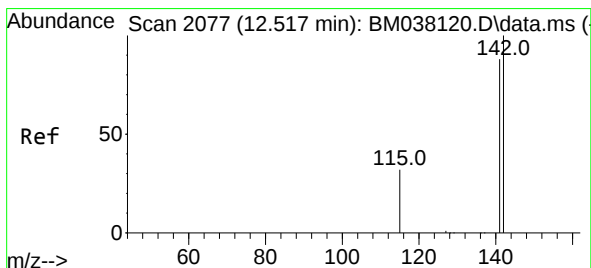
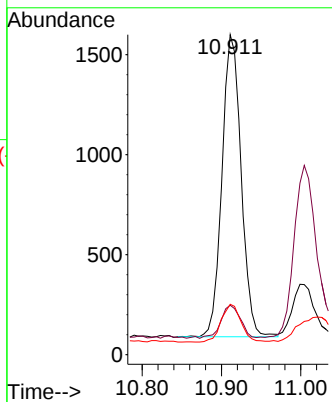
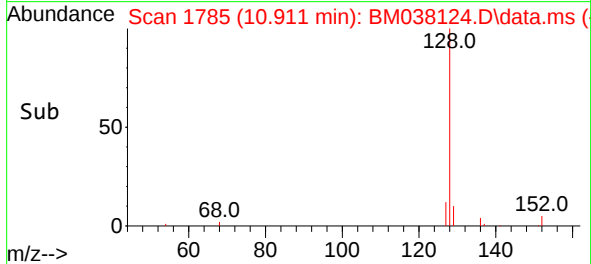
Instrument :
BNA_M
ClientSampleId :
DBXZ4



Tgt Ion:128 Resp: 2538
Ion Ratio Lower Upper
128 100
129 15.4 9.1 13.7
127 15.7 10.4 15.6

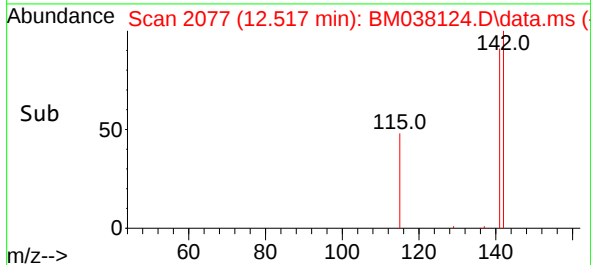
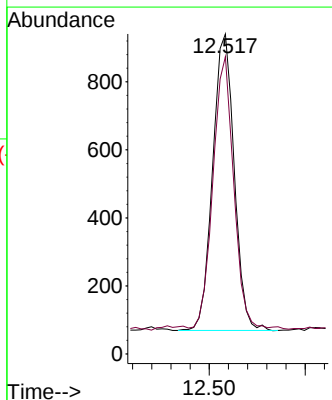
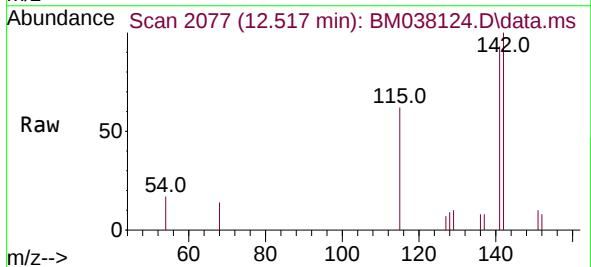
Manual Integrations
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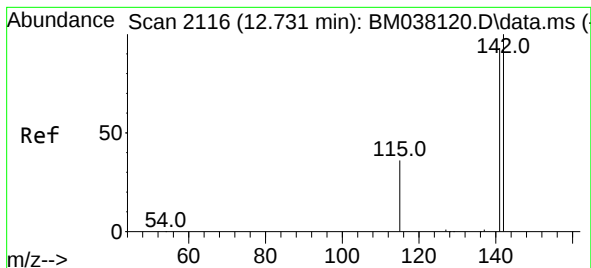
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM038124.D
Acq: 20 Dec 2022 04:51

Tgt Ion:142 Resp: 1360
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6





#8

1-Methylnaphthalene

Concen: 0.036 ng/ul

RT: 12.731 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BM038124.D

Acq: 20 Dec 2022 04:51

Instrument :

BNA_M

ClientSampleId :

DBXZ4

Tgt Ion:142 Resp: 1126

Ion Ratio Lower Upper

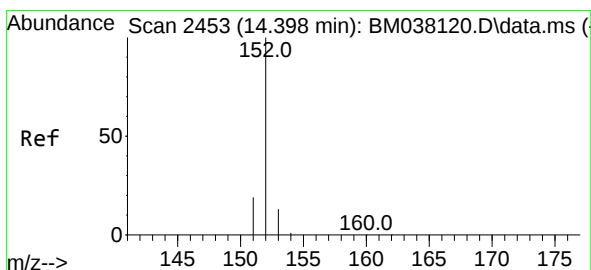
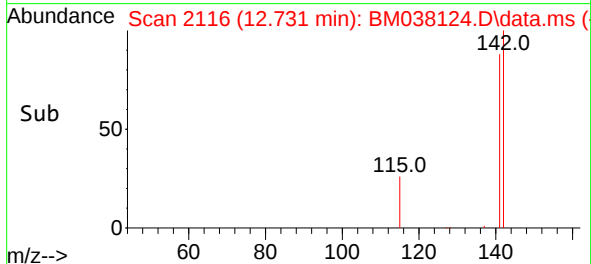
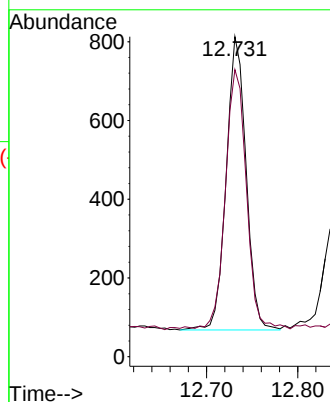
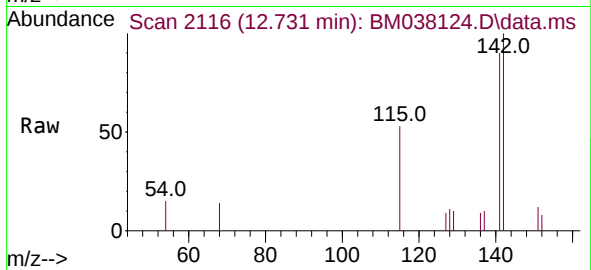
142 100

141 92.9 73.6 110.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.057 ng/ul

RT: 14.398 min Scan# 2453

Delta R.T. -0.005 min

Lab File: BM038124.D

Acq: 20 Dec 2022 04:51

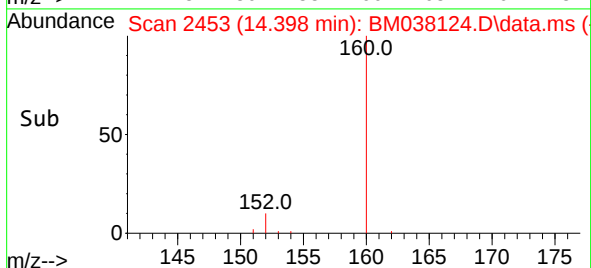
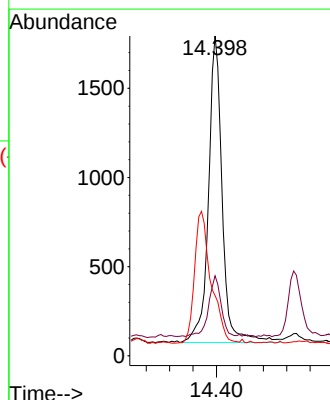
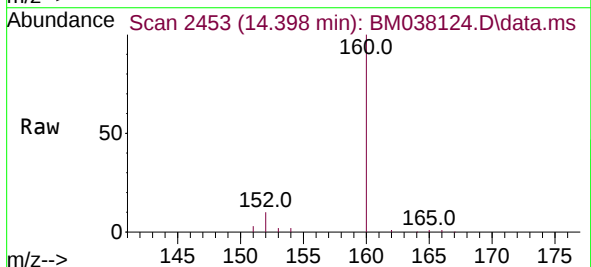
Tgt Ion:152 Resp: 2793

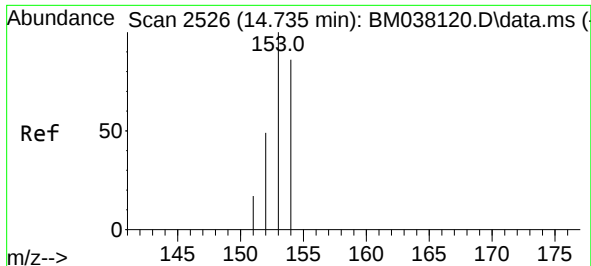
Ion Ratio Lower Upper

152 100

151 25.0 15.5 23.3#

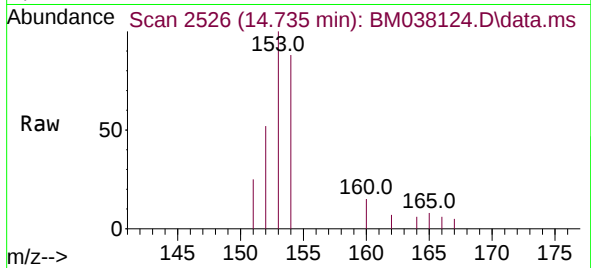
153 18.8 11.0 16.4#





#11
Acenaphthene
Concen: 0.049 ng/u1
RT: 14.735 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BM038124.D
Acq: 20 Dec 2022 04:51

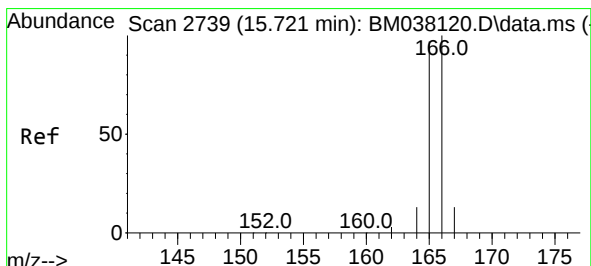
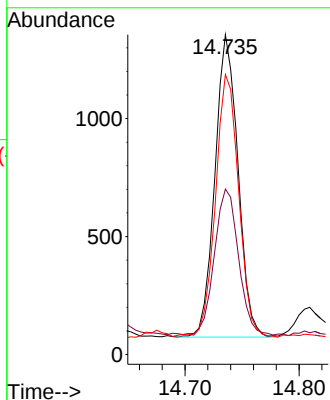
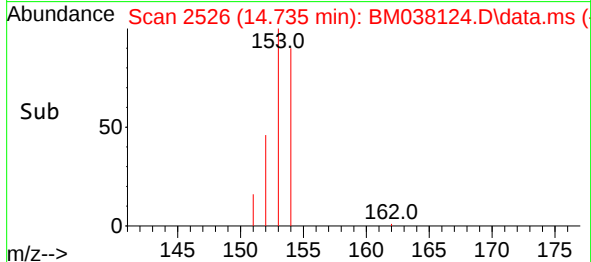
Instrument :
BNA_M
ClientSampleId :
DBXZ4



Tgt Ion:153 Resp: 1800
Ion Ratio Lower Upper
153 100
152 51.7 39.5 59.3
154 87.5 69.2 103.8

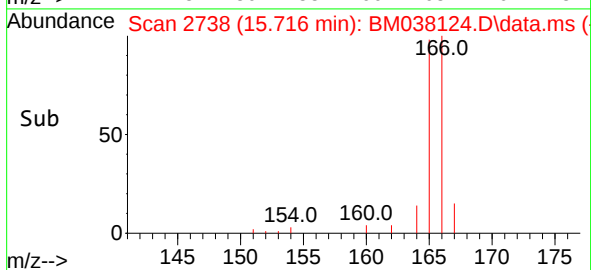
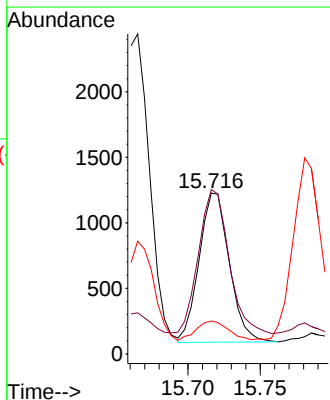
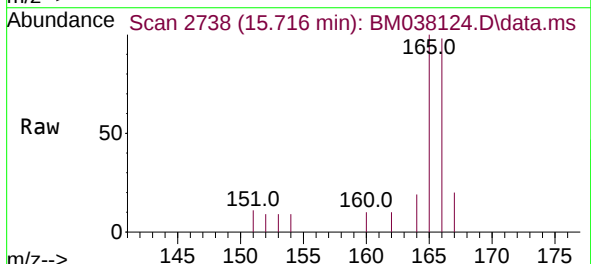
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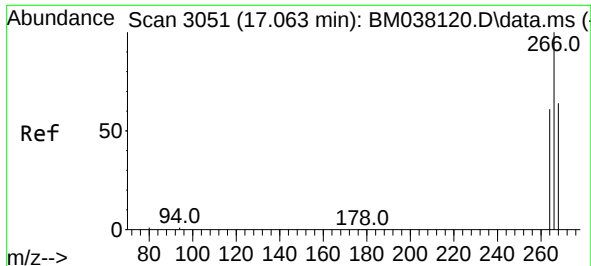
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#12
Fluorene
Concen: 0.040 ng/u1
RT: 15.716 min Scan# 2738
Delta R.T. -0.005 min
Lab File: BM038124.D
Acq: 20 Dec 2022 04:51

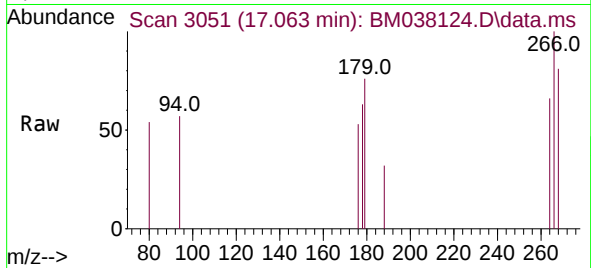
Tgt Ion:166 Resp: 1655
Ion Ratio Lower Upper
166 100
165 102.2 79.0 118.4
167 20.4 11.1 16.7#





#14
Pentachlorophenol
Concen: 0.034 ng/ul
RT: 17.063 min Scan# 3051
Delta R.T. -0.004 min
Lab File: BM038124.D
Acq: 20 Dec 2022 04:51

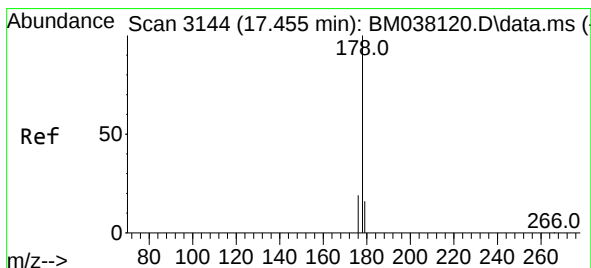
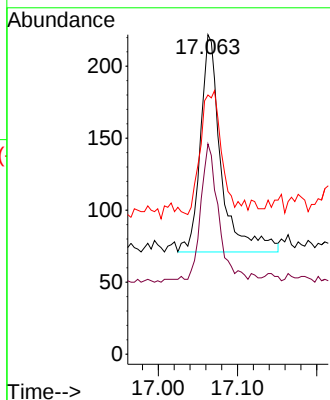
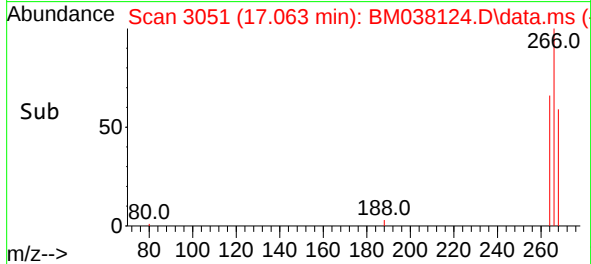
Instrument :
BNA_M
ClientSampleId :
DBXZ4



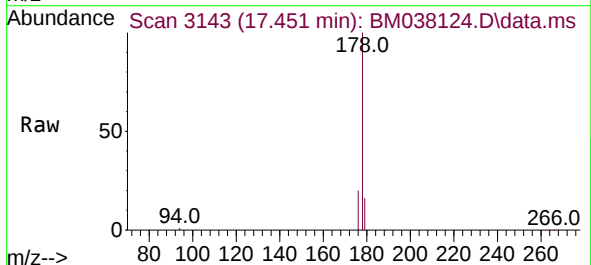
Tgt Ion:266 Resp: 275
Ion Ratio Lower Upper
266 100
264 51.6 49.9 74.9
268 58.9 52.0 78.0

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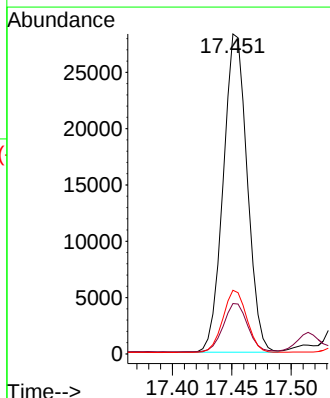
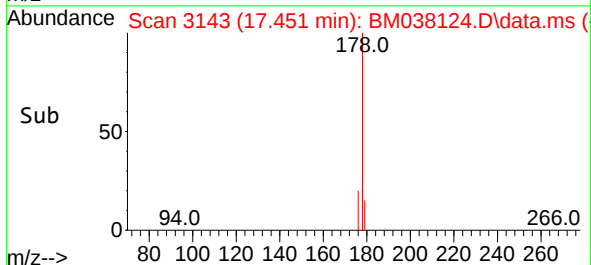
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

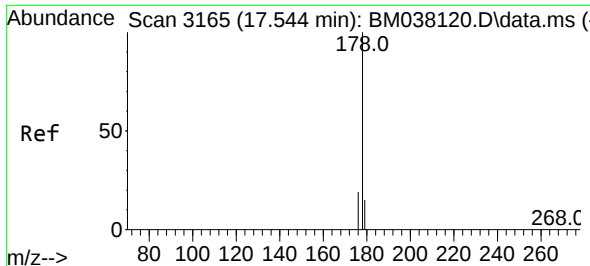


#15
Phenanthrene
Concen: 0.597 ng/ul
RT: 17.451 min Scan# 3143
Delta R.T. -0.009 min
Lab File: BM038124.D
Acq: 20 Dec 2022 04:51



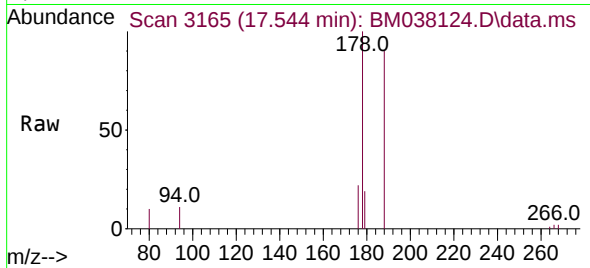
Tgt Ion:178 Resp: 39615
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.9 15.8 23.6





#16
 Anthracene
 Concen: 0.124 ng/ul
 RT: 17.544 min Scan# 3165
 Delta R.T. -0.004 min
 Lab File: BM038124.D
 Acq: 20 Dec 2022 04:51

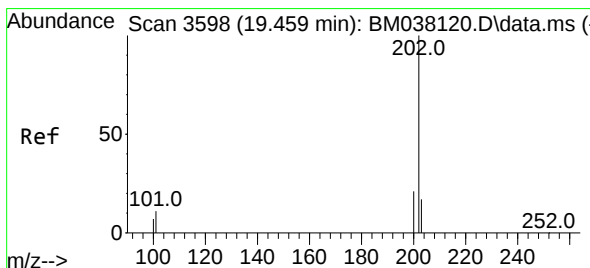
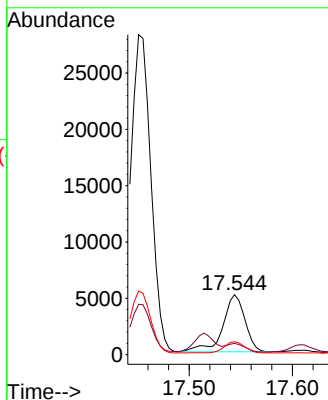
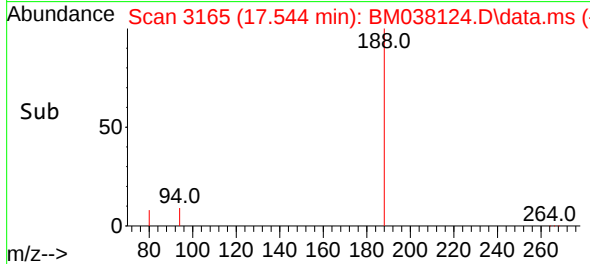
Instrument :
 BNA_M
 ClientSampleId :
 DBXZ4



Tgt Ion:178 Resp: 7579
 Ion Ratio Lower Upper
 178 100
 179 18.7 13.0 19.4
 176 21.6 15.0 22.4

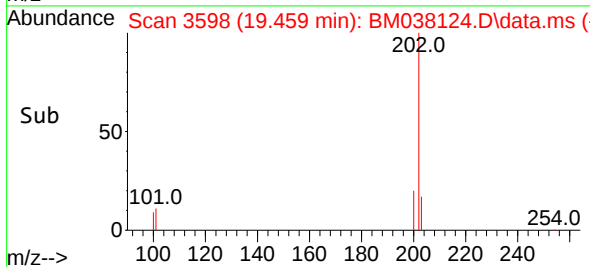
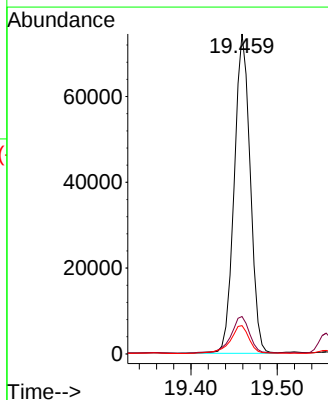
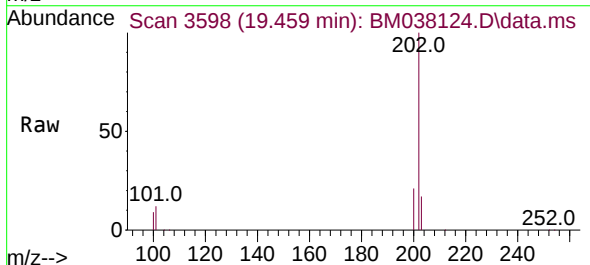
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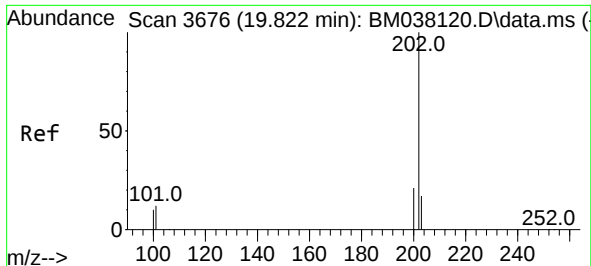
Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022



#19
 Fluoranthene
 Concen: 1.249 ng/ul
 RT: 19.459 min Scan# 3598
 Delta R.T. -0.005 min
 Lab File: BM038124.D
 Acq: 20 Dec 2022 04:51

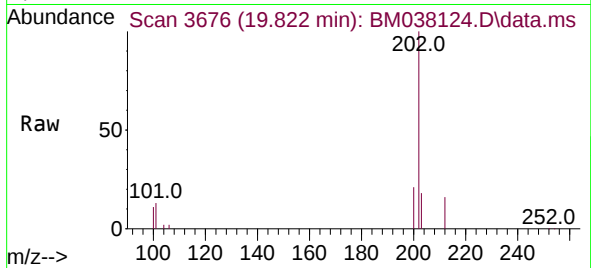
Tgt Ion:202 Resp: 95753
 Ion Ratio Lower Upper
 202 100
 101 11.7 10.6 15.8
 100 8.8 7.9 11.9





#20
Pyrene
Concen: 0.958 ng/ul m
RT: 19.822 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM038124.D
Acq: 20 Dec 2022 04:51

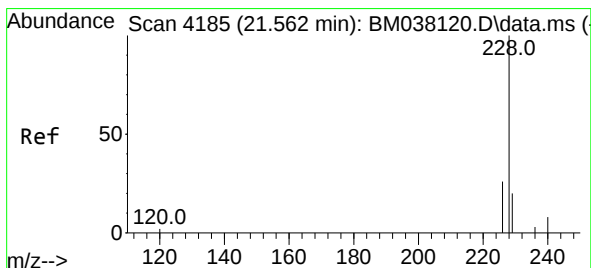
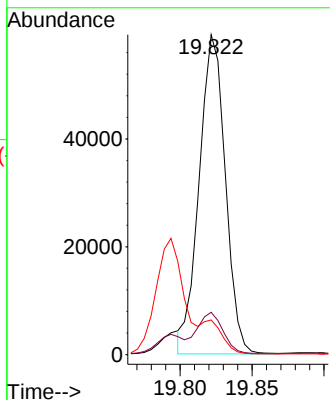
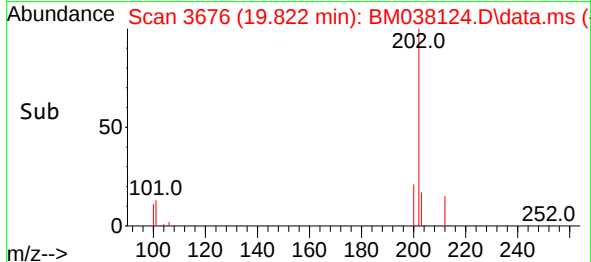
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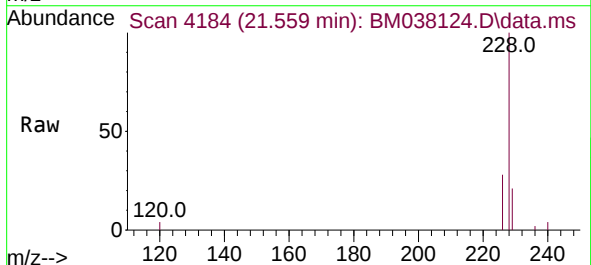
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Ion Ratio Lower Upper
202 100
101 13.2 12.1 18.1
100 10.8 9.8 14.6

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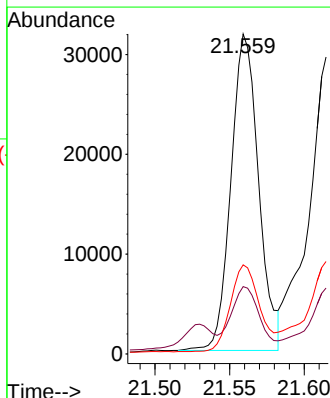
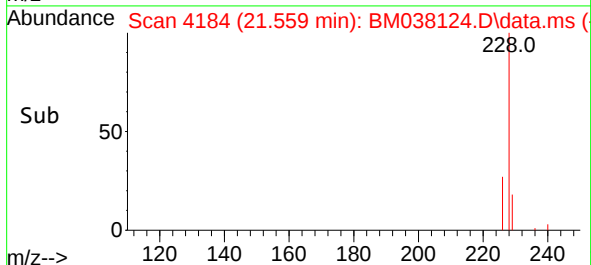
Reviewed By :Jagrut Upadhyay 12/20/2022
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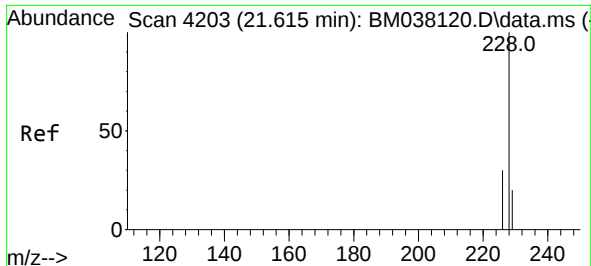


#21
Benzo(a)anthracene
Concen: 0.637 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. -0.006 min
Lab File: BM038124.D
Acq: 20 Dec 2022 04:51



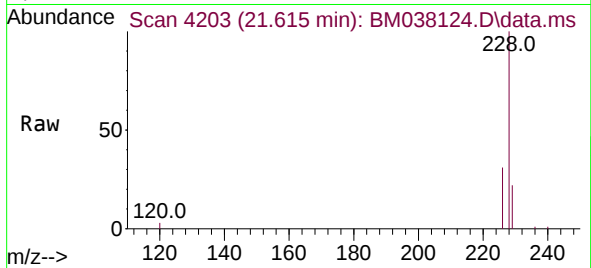
Tgt Ion:228 Resp: 40878
Ion Ratio Lower Upper
228 100
229 21.0 15.9 23.9
226 27.8 22.1 33.1





#22
Chrysene
Concen: 0.671 ng/ul
RT: 21.615 min Scan# 4203
Delta R.T. -0.003 min
Lab File: BM038124.D
Acq: 20 Dec 2022 04:51

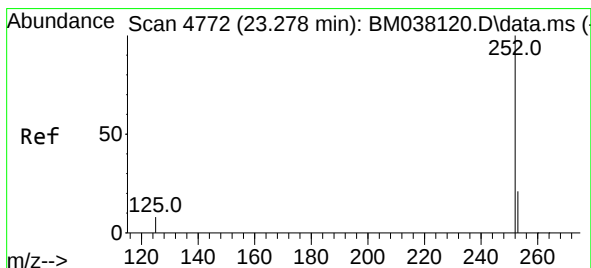
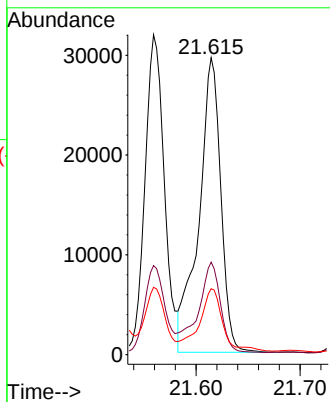
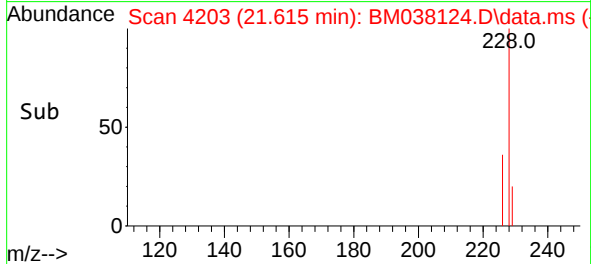
Instrument :
BNA_M
ClientSampleId :
DBXZ4



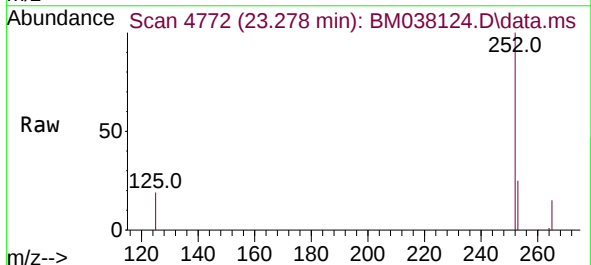
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Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 22.2 15.7 23.5

Manual Integrations
APPROVED

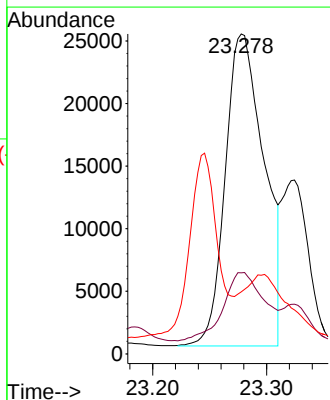
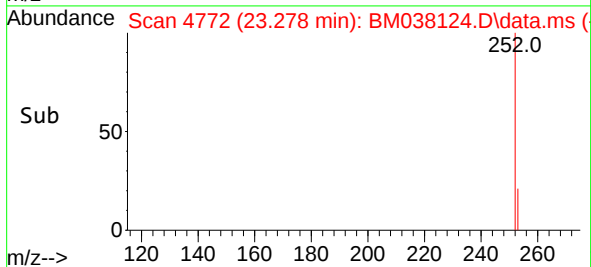
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

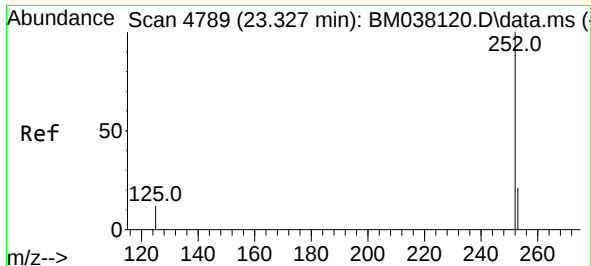


#24
Benzo(b)fluoranthene
Concen: 0.866 ng/ul m
RT: 23.278 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM038124.D
Acq: 20 Dec 2022 04:51



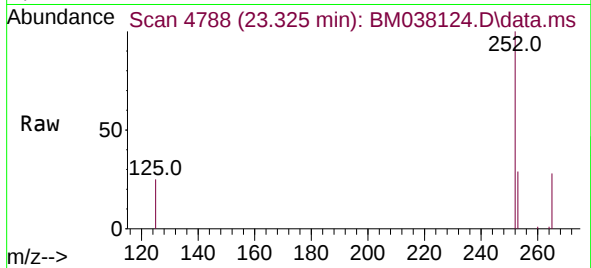
Tgt Ion:252 Resp: 59149
Ion Ratio Lower Upper
252 100
253 25.3 0.0 51.8
125 19.4 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 0.325 ng/ul m
RT: 23.325 min Scan# 4789
Delta R.T. -0.006 min
Lab File: BM038124.D
Acq: 20 Dec 2022 04:51

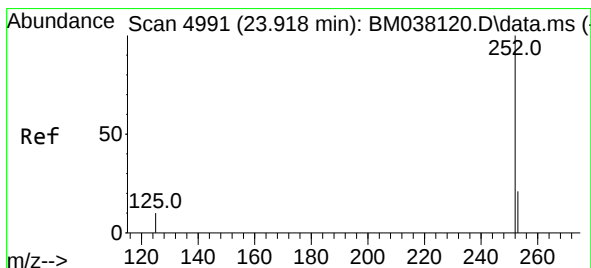
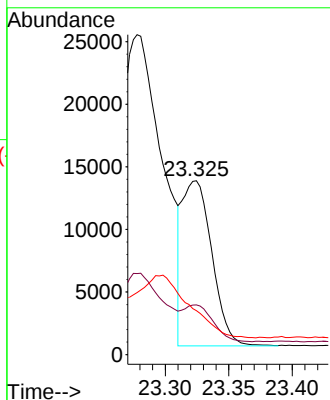
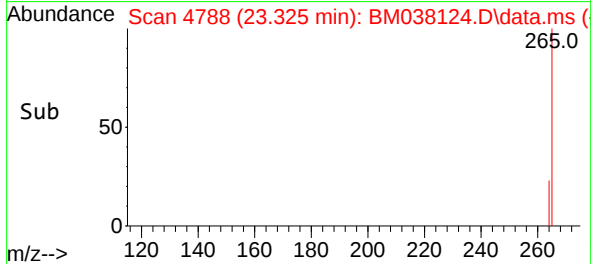
Instrument :
BNA_M
ClientSampleId :
DBXZ4



Tgt Ion:252 Resp: 21436
Ion Ratio Lower Upper
252 100
253 28.6 20.8 31.2
125 25.3 17.1 25.7

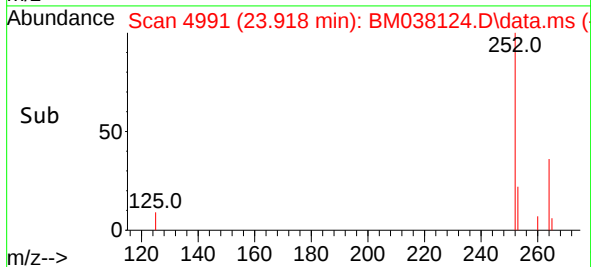
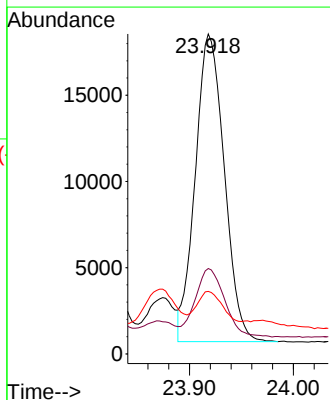
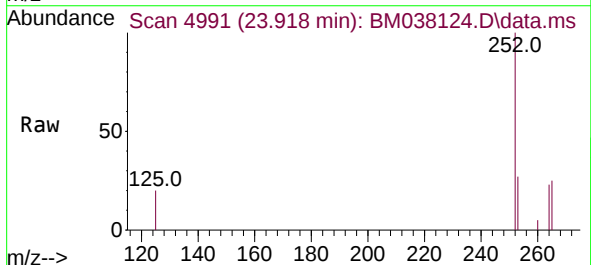
Manual Integrations
APPROVED

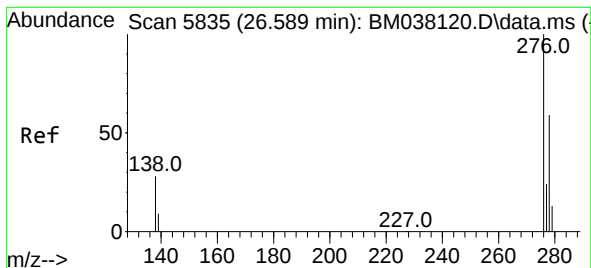
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#26
Benzo(a)pyrene
Concen: 0.602 ng/ul
RT: 23.918 min Scan# 4991
Delta R.T. -0.006 min
Lab File: BM038124.D
Acq: 20 Dec 2022 04:51

Tgt Ion:252 Resp: 34636
Ion Ratio Lower Upper
252 100
253 26.7 21.9 32.9
125 19.5 20.7 31.1#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.344 ng/ul

RT: 26.589 min Scan# 5835

Delta R.T. -0.010 min

Lab File: BM038124.D

Acq: 20 Dec 2022 04:51

Instrument :

BNA_M

ClientSampleId :

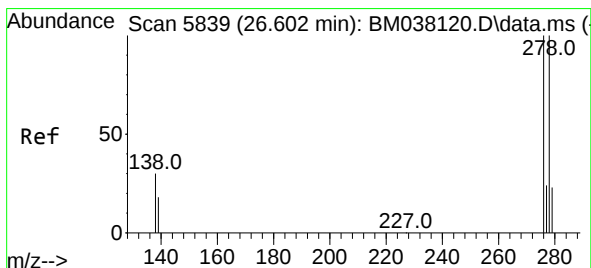
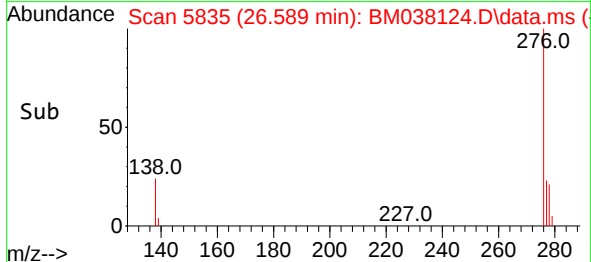
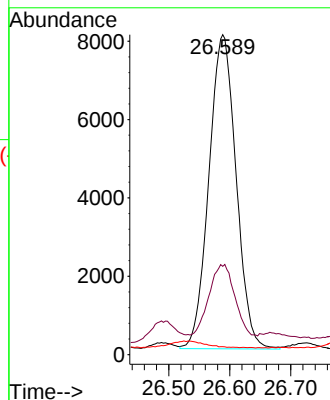
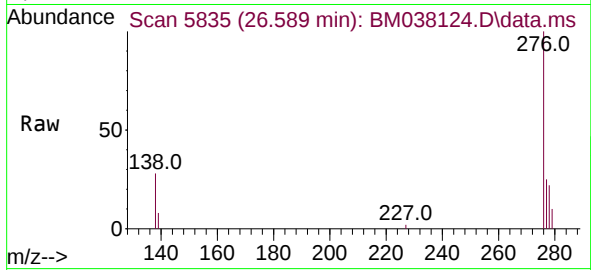
DBXZ4

Tgt Ion:	276	Resp:	2483
Ion Ratio	Lower	Upper	
276	100		
138	24.2	26.6	40.0#
227	0.0	0.1	0.1#

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#28

Dibenzo(a,h)anthracene

Concen: 0.117 ng/ul

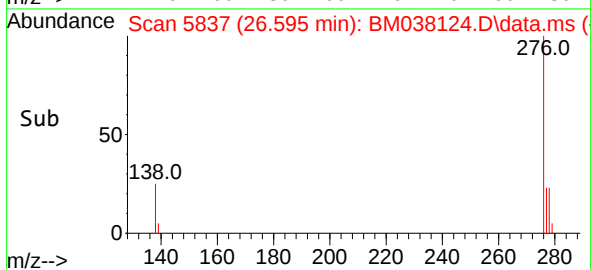
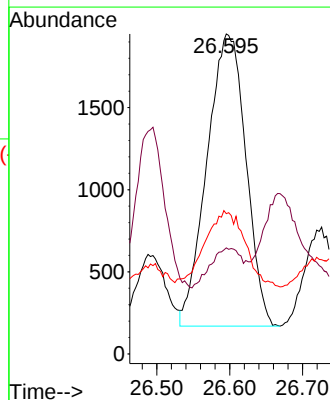
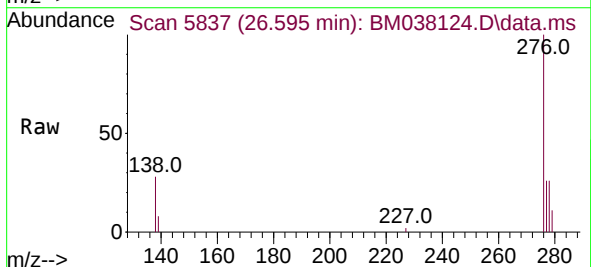
RT: 26.595 min Scan# 5837

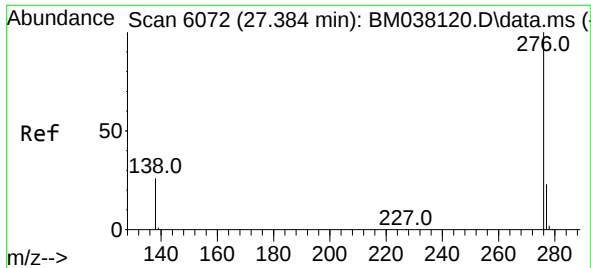
Delta R.T. -0.020 min

Lab File: BM038124.D

Acq: 20 Dec 2022 04:51

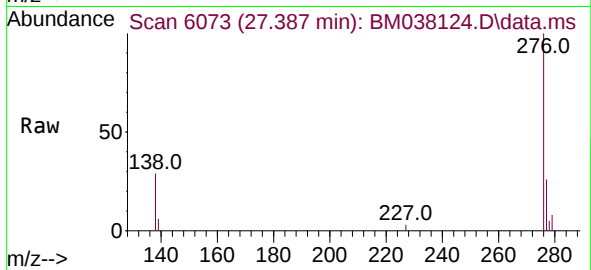
Tgt Ion:	278	Resp:	6592
Ion Ratio	Lower	Upper	
278	100		
139	33.1	19.0	28.6#
279	43.8	22.4	33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.277 ng/ul
RT: 27.387 min Scan# 6073
Delta R.T. -0.007 min
Lab File: BM038124.D
Acq: 20 Dec 2022 04:51

Instrument :
BNA_M
ClientSampleId :
DBXZ4



Tgt Ion:276 Resp: 17028
Ion Ratio Lower Upper
276 100
138 29.1 24.1 36.1
277 26.2 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

