

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038258.D
 Acq On : 24 Dec 2022 07:09
 Operator : CG/JU
 Sample : N6015-16
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXY4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 02:54:13 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	5299	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	15476	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	8466	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	15286	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	10094	0.400	ng/ul	0.00
23) Perylene-d12	24.015	264	10506	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	25068	4.651	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	7050	0.309	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	11353	0.300	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.895	128	28478	0.628	ng/ul	99
7) 2-Methylnaphthalene	12.495	142	5543	0.196	ng/ul	99
8) 1-Methylnaphthalene	12.715	142	2443	0.085	ng/ul	99
10) Acenaphthylene	14.379	152	31272	0.669	ng/ul	99
11) Acenaphthene	14.722	153	4039	0.121	ng/ul	98
12) Fluorene	15.702	166	4225	0.117	ng/ul	97
15) Phenanthrene	17.438	178	91393	1.787	ng/ul	99
16) Anthracene	17.531	178	27244	0.555	ng/ul	99
19) Fluoranthene	19.445	202	290143	5.247	ng/ul	99
20) Pyrene	19.812	202	219443m	3.927	ng/ul	
21) Benzo(a)anthracene	21.550	228	143005	3.230	ng/ul	97
22) Chrysene	21.603	228	144581	3.355	ng/ul	98
24) Benzo(b)fluoranthene	23.266	252	229401	4.933	ng/ul	88
25) Benzo(k)fluoranthene	23.310	252	68593m	1.535	ng/ul	
26) Benzo(a)pyrene	23.906	252	146999	3.623	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.565	276	118594	2.107	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.579	278	28832	0.659	ng/ul	99
29) Benzo(g,h,i)perylene	27.363	276	119244	2.518	ng/ul	95

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

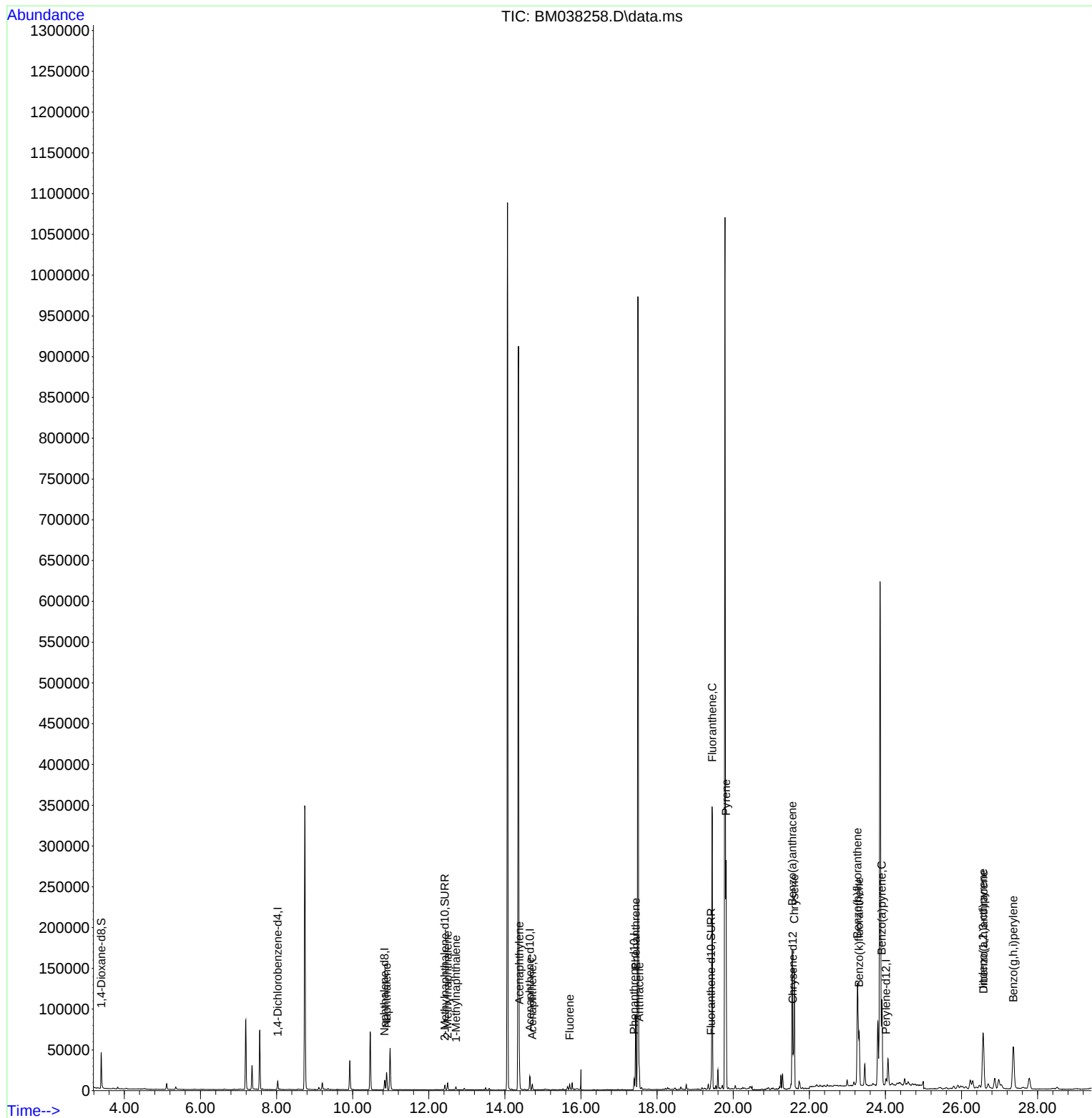
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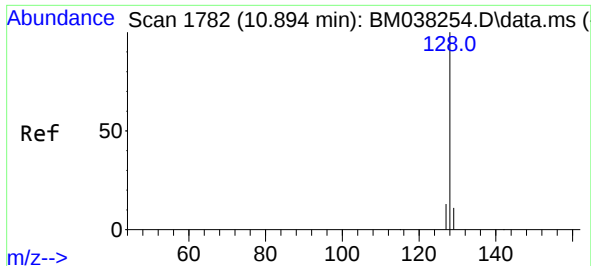
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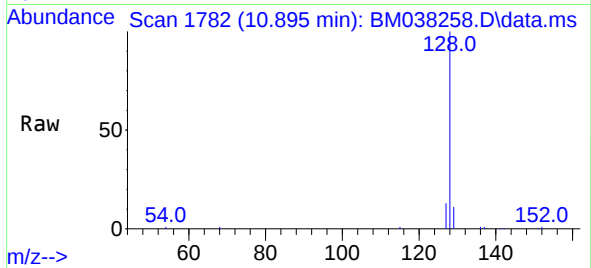
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.628 ng/ul
RT: 10.895 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09

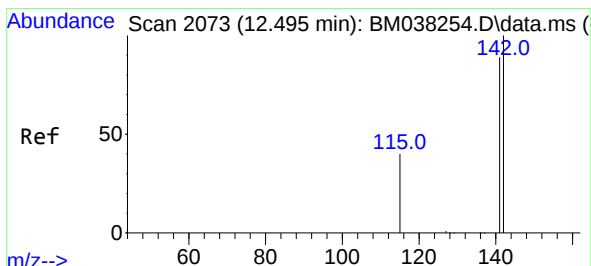
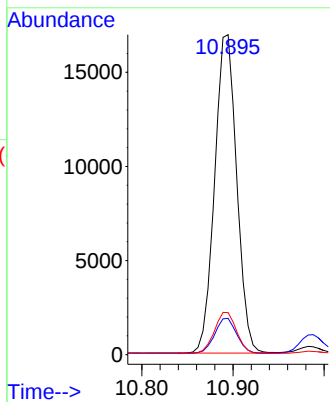
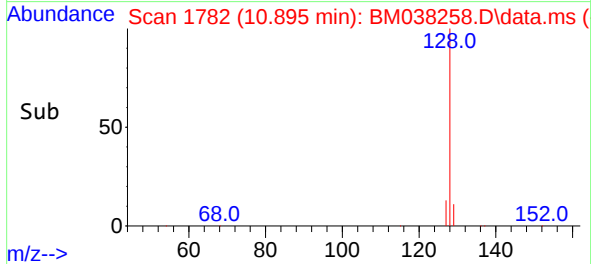
Instrument :
BNA_M
ClientSampleId :
DBXY4



Tgt Ion:128 Resp: 28478
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.2 10.7 16.1

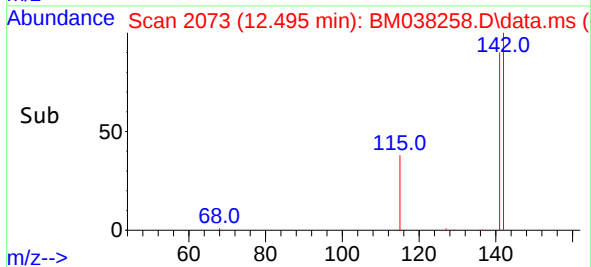
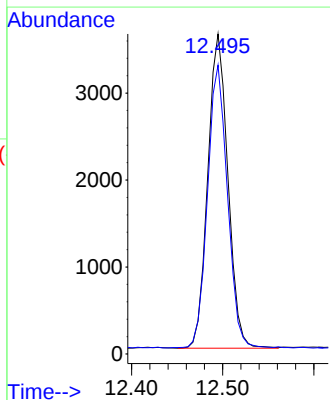
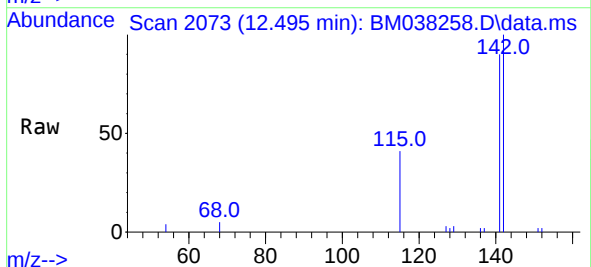
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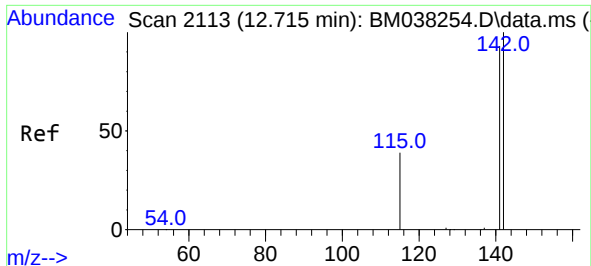
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#7
2-Methylnaphthalene
Concen: 0.196 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09

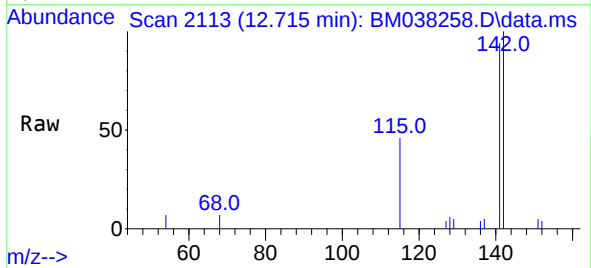
Tgt Ion:142 Resp: 5543
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 12.715 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09

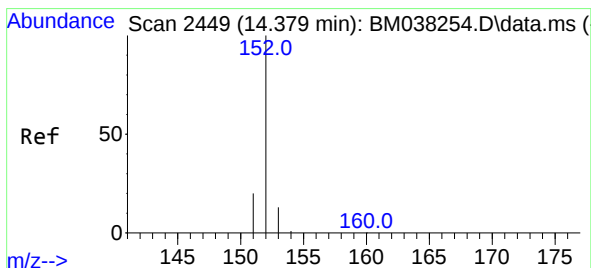
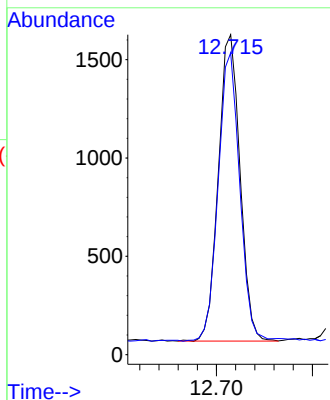
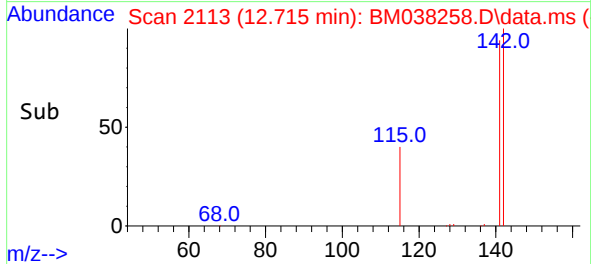
Instrument :
BNA_M
ClientSampleId :
DBXY4



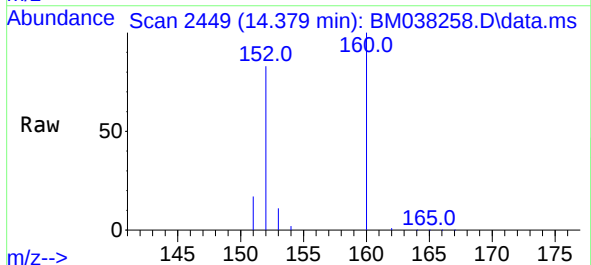
Tgt Ion:142 Resp: 244
Ion Ratio Lower Upper
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141 94.4 74.7 112.1

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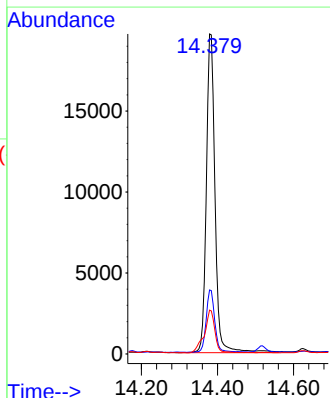
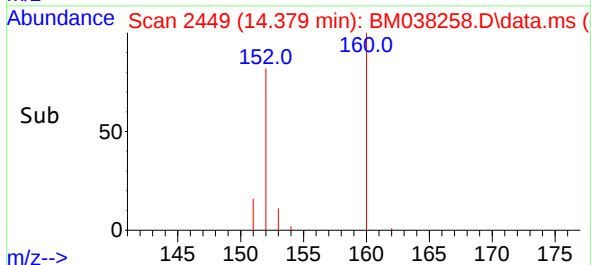
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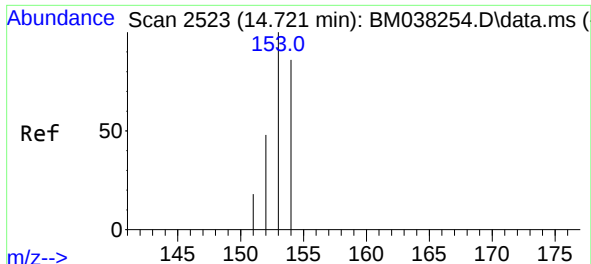


#10
Acenaphthylene
Concen: 0.669 ng/ul
RT: 14.379 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09



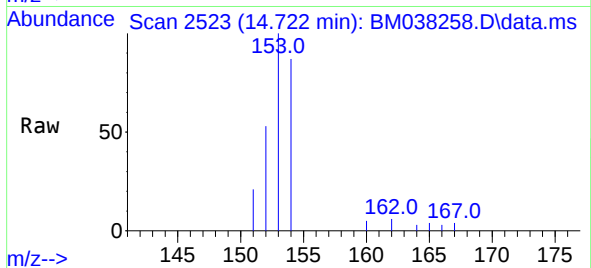
Tgt Ion:152 Resp: 31272
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.7 10.7 16.1





#11
Acenaphthene
Concen: 0.121 ng/u1
RT: 14.722 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09

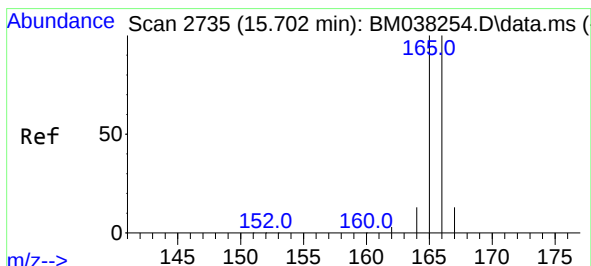
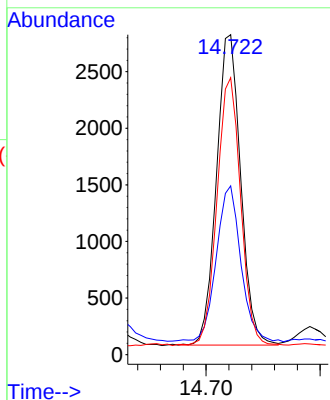
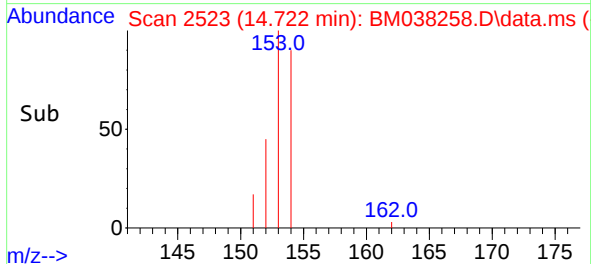
Instrument :
BNA_M
ClientSampleId :
DBXY4



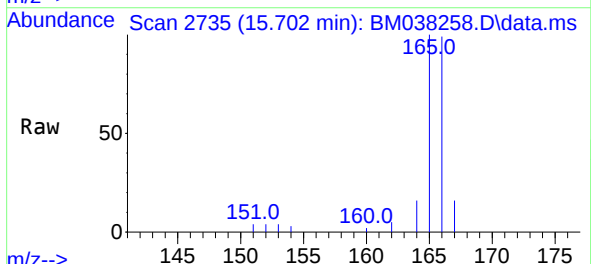
Tgt Ion:153 Resp: 4039
Ion Ratio Lower Upper
153 100
152 52.7 39.4 59.0
154 86.6 69.0 103.4

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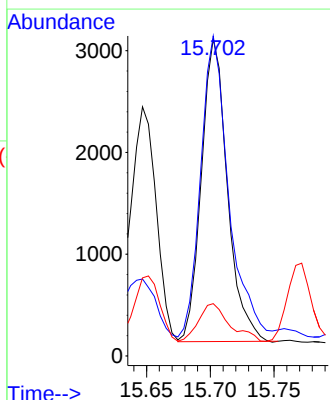
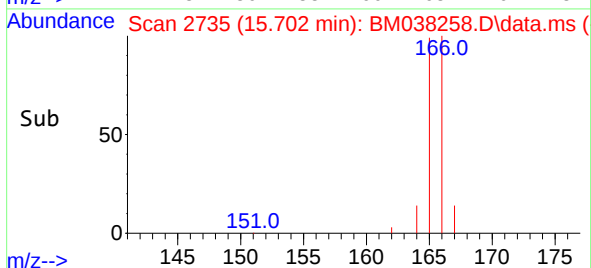
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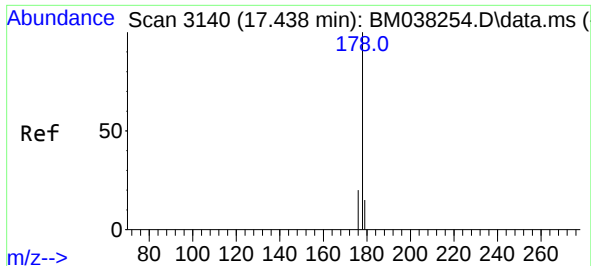


#12
Fluorene
Concen: 0.117 ng/u1
RT: 15.702 min Scan# 2735
Delta R.T. 0.000 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09



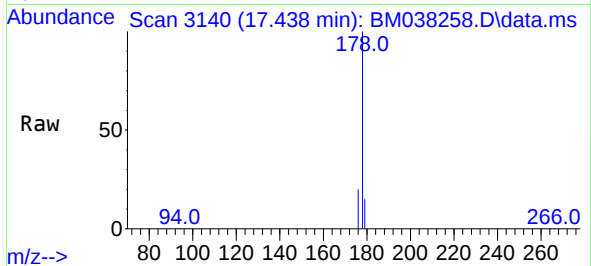
Tgt Ion:166 Resp: 4225
Ion Ratio Lower Upper
166 100
165 101.0 79.0 118.6
167 16.5 11.0 16.6





#15
Phenanthrene
Concen: 1.787 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09

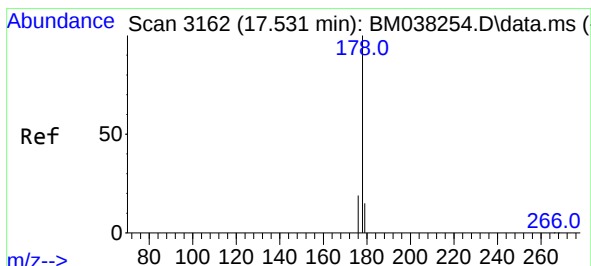
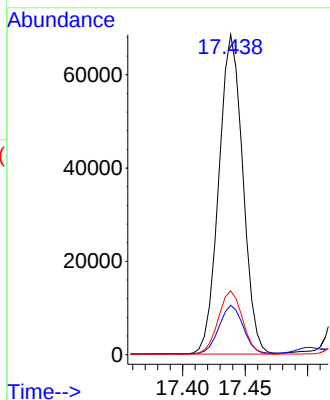
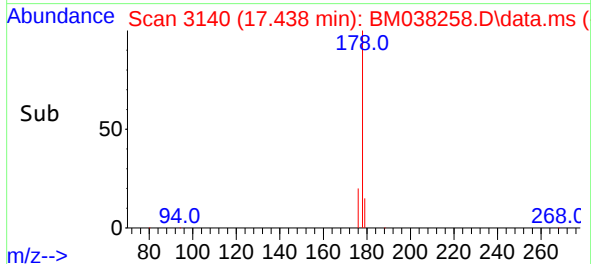
Instrument :
BNA_M
ClientSampleId :
DBXY4



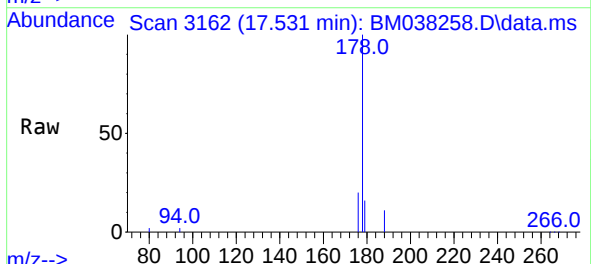
Tgt Ion:178 Resp: 9139
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.9 16.2 24.4

Manual Integrations
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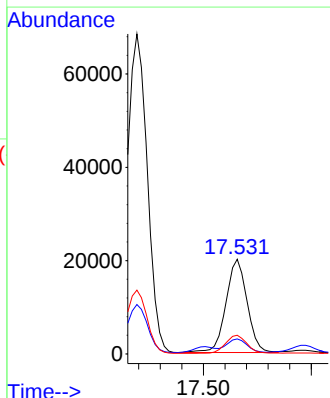
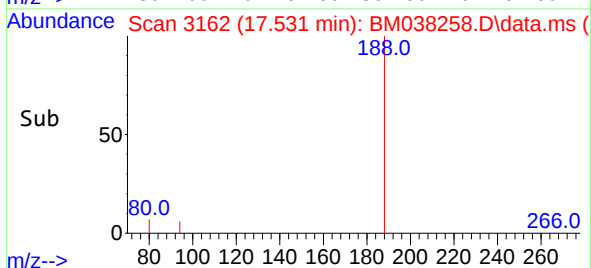
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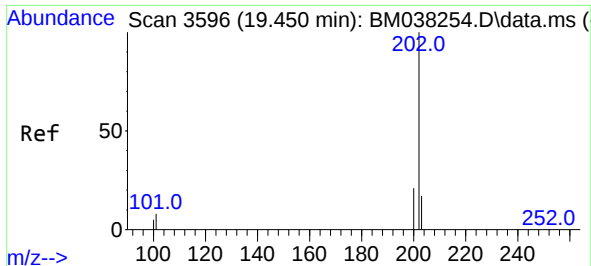


#16
Anthracene
Concen: 0.555 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09



Tgt Ion:178 Resp: 27244
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.8 15.6 23.4





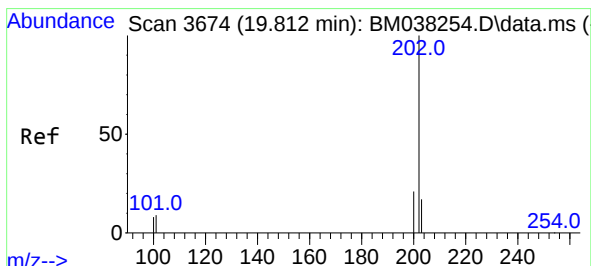
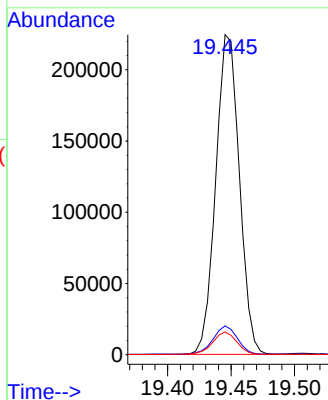
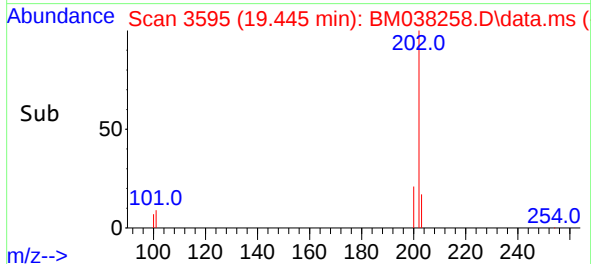
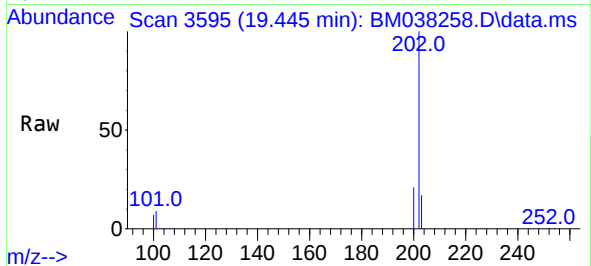
#19
Fluoranthene
Concen: 5.247 ng/ul
RT: 19.445 min Scan# 3596
Delta R.T. -0.005 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09

Instrument :
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ClientSampleId :
DBXY4

Tgt Ion:202 Resp: 29014
Ion Ratio Lower Upper
202 100
101 9.0 7.5 11.3
100 7.1 5.6 8.4

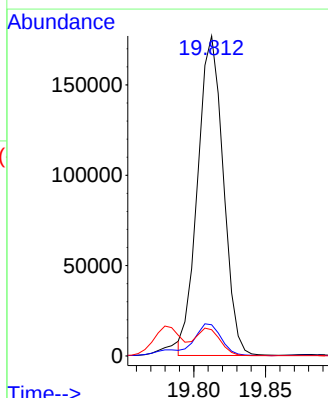
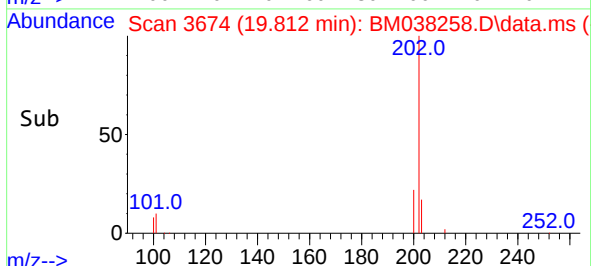
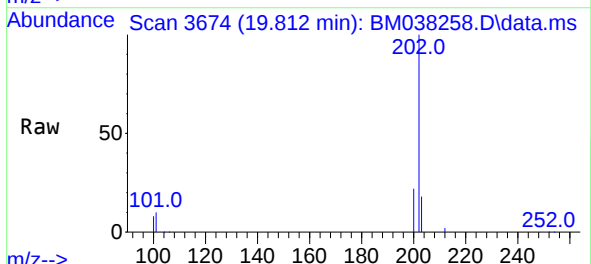
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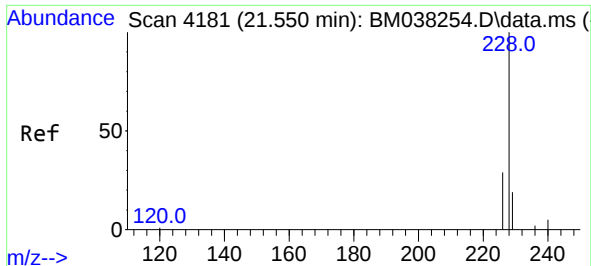
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#20
Pyrene
Concen: 3.927 ng/ul m
RT: 19.812 min Scan# 3674
Delta R.T. 0.000 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09

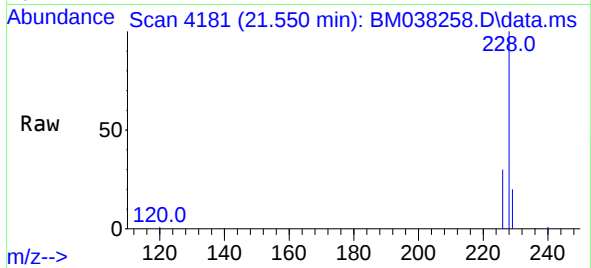
Tgt Ion:202 Resp: 219443
Ion Ratio Lower Upper
202 100
101 9.8 8.9 13.3
100 8.2 7.4 11.0





#21
Benzo(a)anthracene
Concen: 3.230 ng/u1
RT: 21.550 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09

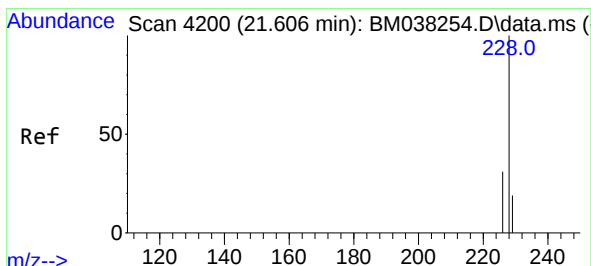
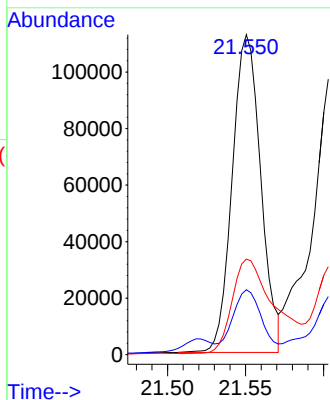
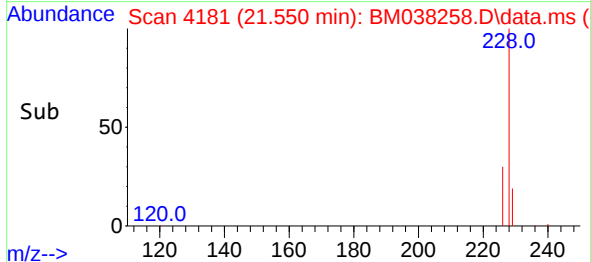
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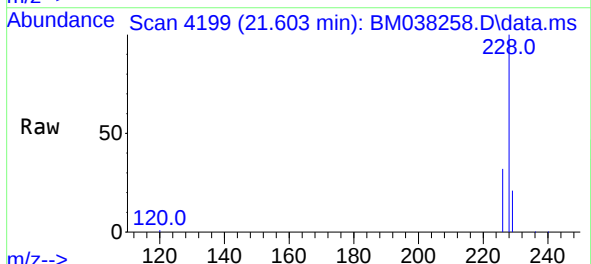
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Ion Ratio Lower Upper
228 100
229 20.3 15.5 23.3
226 29.8 22.2 33.2

Manual Integrations
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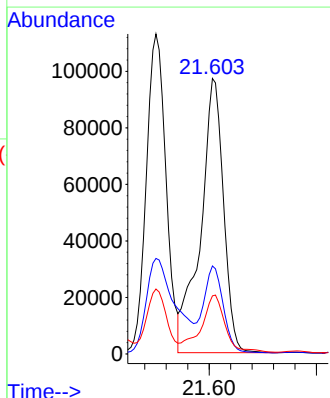
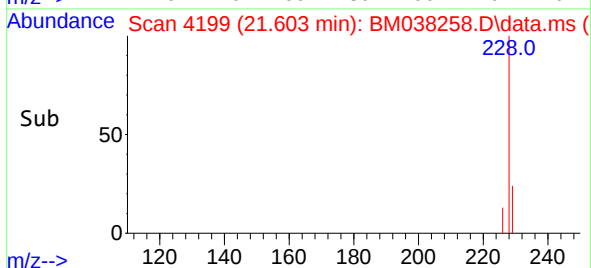
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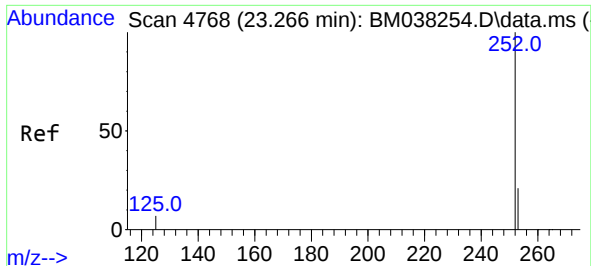


#22
Chrysene
Concen: 3.355 ng/u1
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09



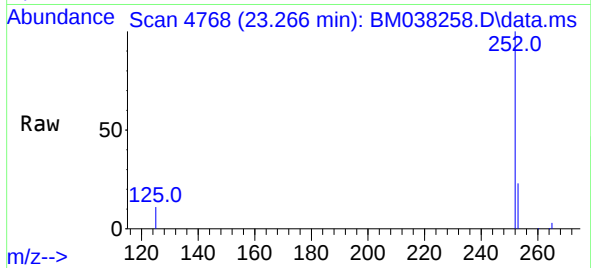
Tgt Ion:228 Resp: 144581
Ion Ratio Lower Upper
228 100
226 32.0 25.0 37.4
229 21.1 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 4.933 ng/ul
RT: 23.266 min Scan# 4768
Delta R.T. 0.000 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09

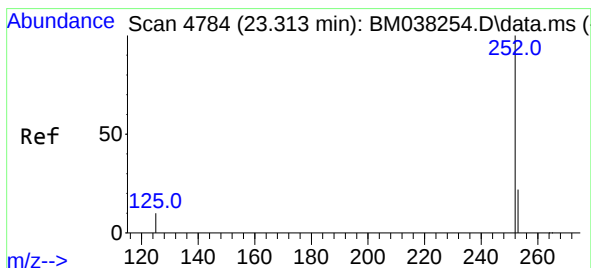
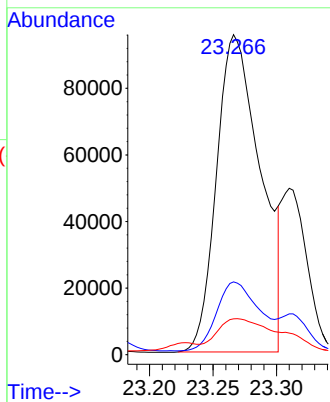
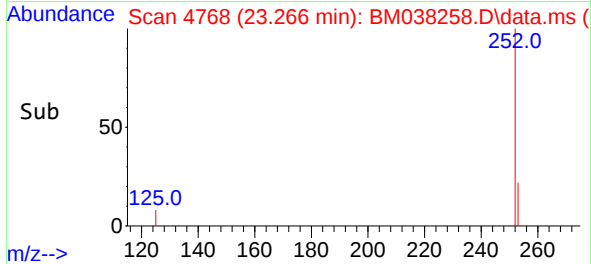
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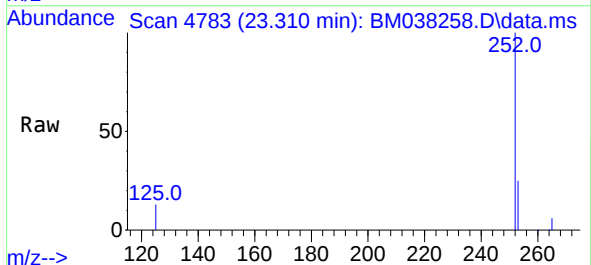
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Ion Ratio Lower Upper
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253 22.8 0.0 56.0
125 11.2 0.0 36.6

Manual Integrations
APPROVED

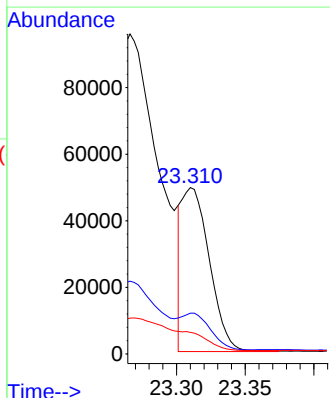
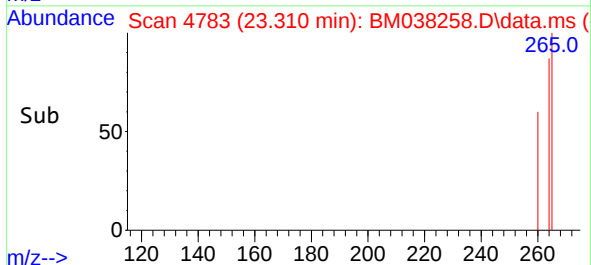
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

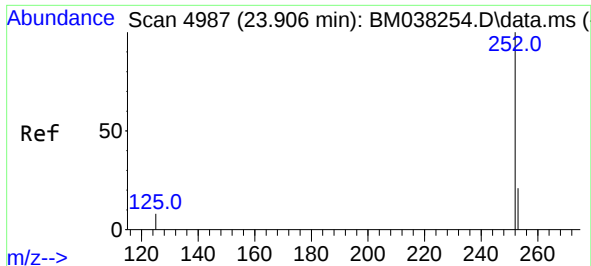


#25
Benzo(k)fluoranthene
Concen: 1.535 ng/ul m
RT: 23.310 min Scan# 4783
Delta R.T. -0.003 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09



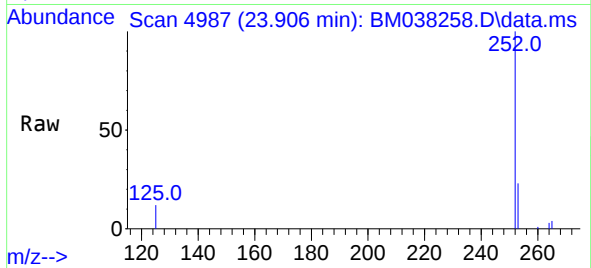
Tgt Ion:252 Resp: 68593
Ion Ratio Lower Upper
252 100
253 24.5 22.5 33.7
125 13.0 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 3.623 ng/ul
RT: 23.906 min Scan# 4987
Delta R.T. 0.000 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09

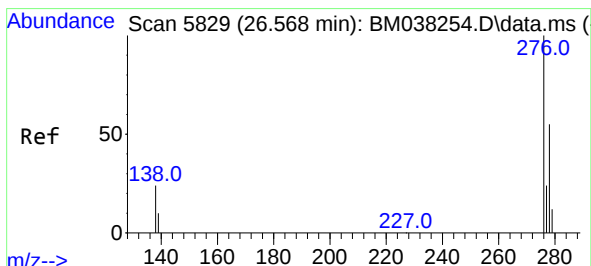
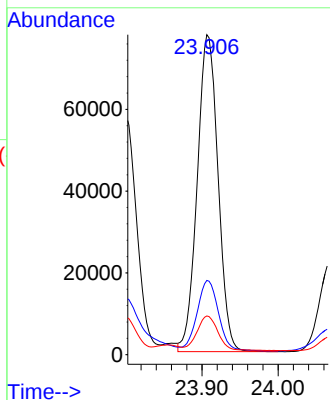
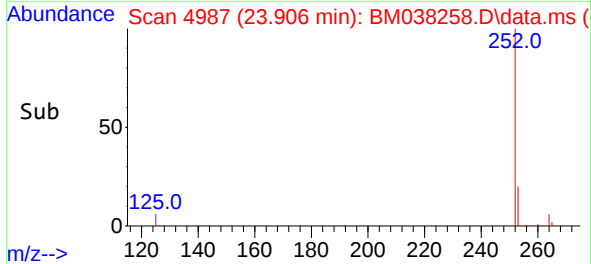
Instrument :
BNA_M
ClientSampleId :
DBXY4



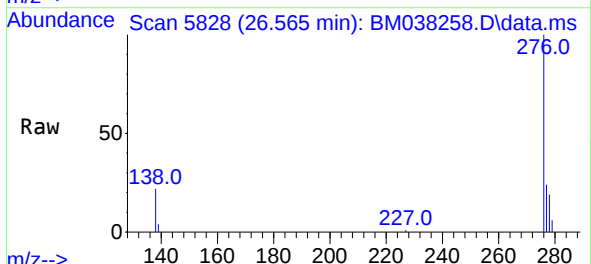
Tgt Ion:252 Resp: 146999
Ion Ratio Lower Upper
252 100
253 23.2 24.2 36.4
125 12.1 17.3 25.9

Manual Integrations
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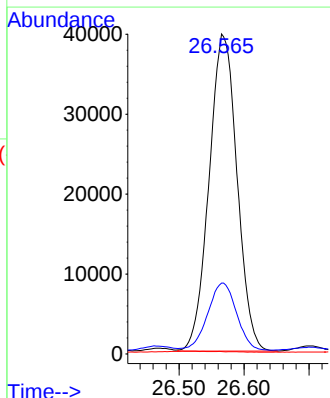
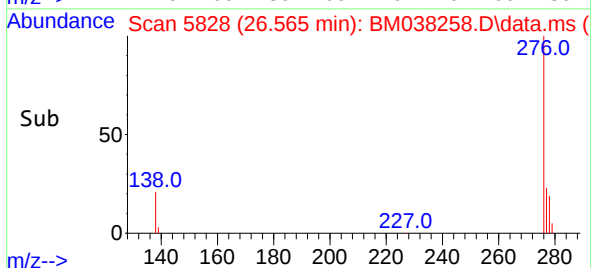
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

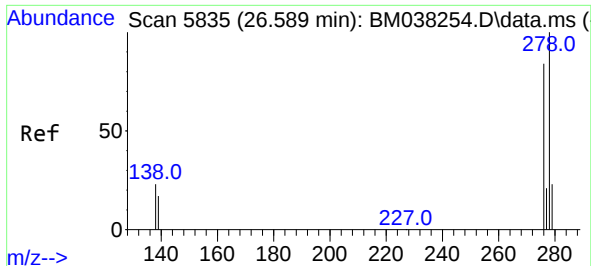


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.107 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. -0.003 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09



Tgt Ion:276 Resp: 118594
Ion Ratio Lower Upper
276 100
138 21.7 21.7 32.5
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.659 ng/ul
RT: 26.579 min Scan# 5835
Delta R.T. -0.010 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09

Instrument :

BNA_M

ClientSampleId :

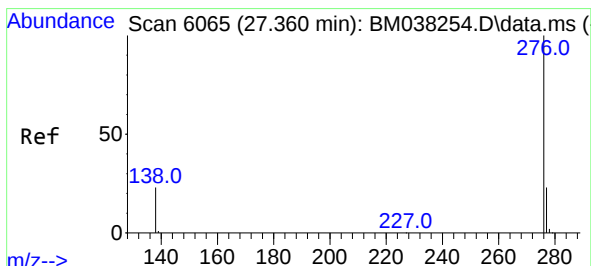
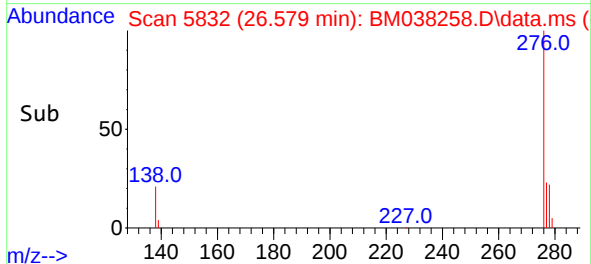
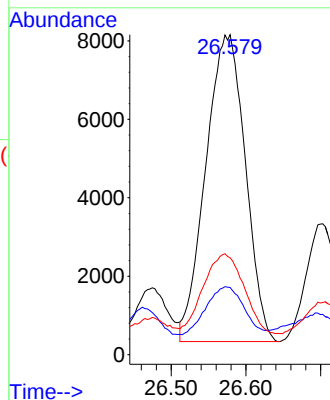
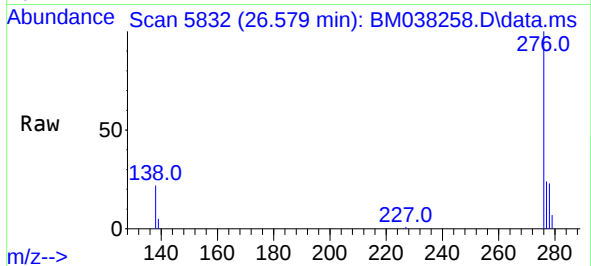
DBXY4

Tgt Ion:278 Resp: 28832
Ion Ratio Lower Upper
278 100
139 21.0 16.8 25.2
279 30.3 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#29
Benzo(g,h,i)perylene
Concen: 2.518 ng/ul
RT: 27.363 min Scan# 6066
Delta R.T. 0.003 min
Lab File: BM038258.D
Acq: 24 Dec 2022 07:09

Tgt Ion:276 Resp: 119244
Ion Ratio Lower Upper
276 100
138 22.4 20.8 31.2
277 23.7 20.5 30.7

