

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038279.D
 Acq On : 24 Dec 2022 20:20
 Operator : CG/JU
 Sample : N6016-03
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYA8

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 02:57:25 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	4202	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	12247	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6634	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	11634	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	8194	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	8167	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	12242	2.864	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	3348	0.186	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	5532	0.180	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.889	128	3648	0.102	ng/ul	95
7) 2-Methylnaphthalene	12.495	142	1036	0.046	ng/ul	93
8) 1-Methylnaphthalene	12.709	142	680	0.030	ng/ul	98
10) Acenaphthylene	14.379	152	6559	0.179	ng/ul	96
11) Acenaphthene	14.717	153	3145	0.120	ng/ul	98
12) Fluorene	15.702	166	2663	0.094	ng/ul#	98
15) Phenanthrene	17.438	178	46196	1.186	ng/ul	99
16) Anthracene	17.527	178	13481	0.361	ng/ul	98
19) Fluoranthene	19.445	202	116448	2.594	ng/ul	98
20) Pyrene	19.808	202	97203m	2.143	ng/ul	
21) Benzo(a)anthracene	21.547	228	78023	2.171	ng/ul	98
22) Chrysene	21.603	228	84439	2.414	ng/ul	98
24) Benzo(b)fluoranthene	23.263	252	152496	4.218	ng/ul	88
25) Benzo(k)fluoranthene	23.307	252	46608m	1.342	ng/ul	
26) Benzo(a)pyrene	23.903	252	103654	3.286	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.562	276	82217	1.879	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.575	278	21559	0.634	ng/ul	98
29) Benzo(g,h,i)perylene	27.360	276	74657	2.028	ng/ul	94

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

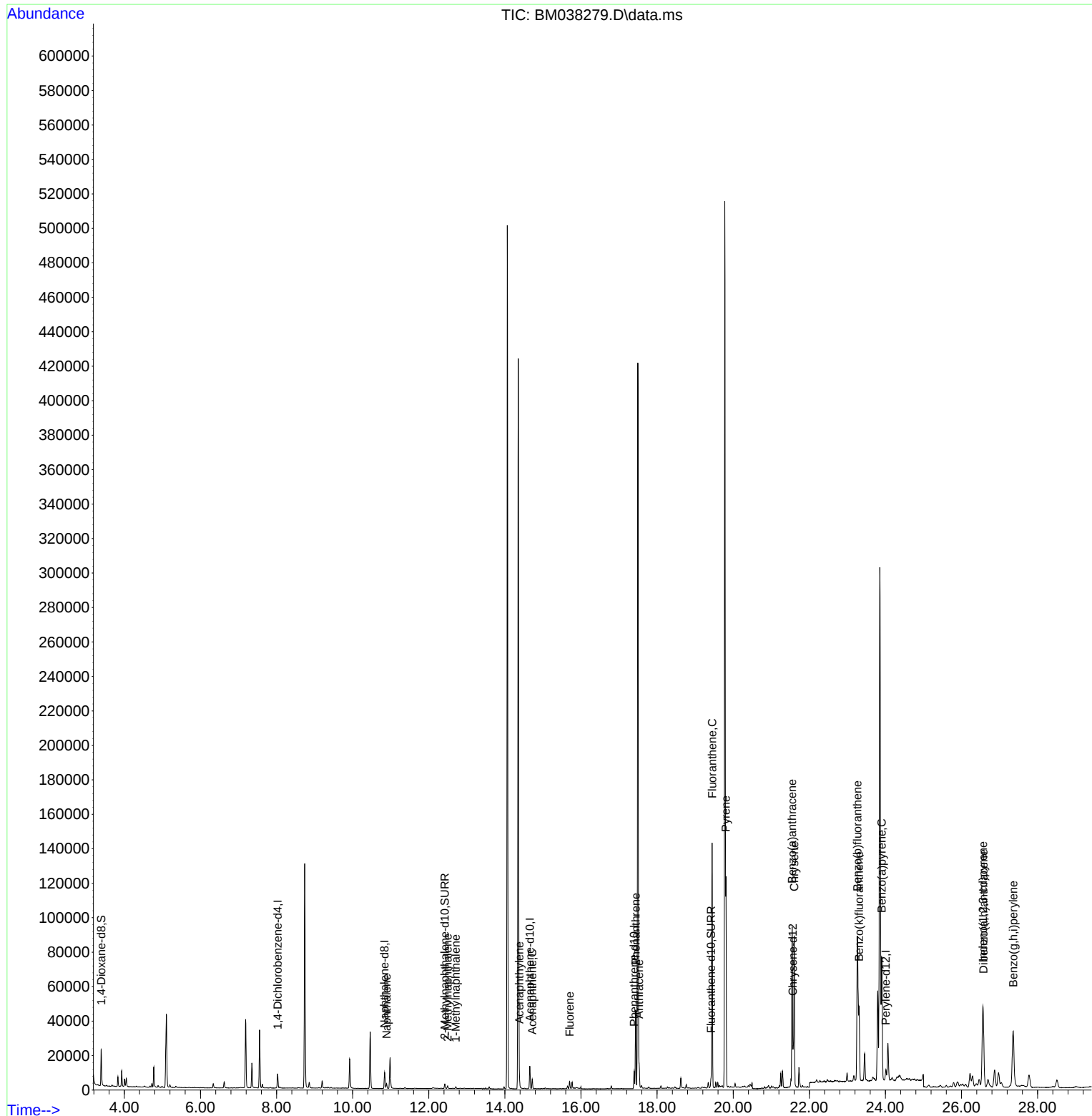
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038279.D
Acq On : 24 Dec 2022 20:20
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ALS Vial : 87 Sample Multiplier: 1

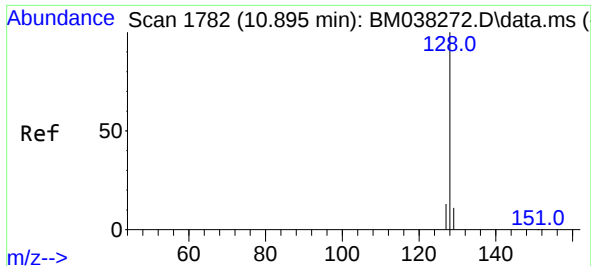
Instrument :
BNA_M
ClientSampleId :
DBYA8

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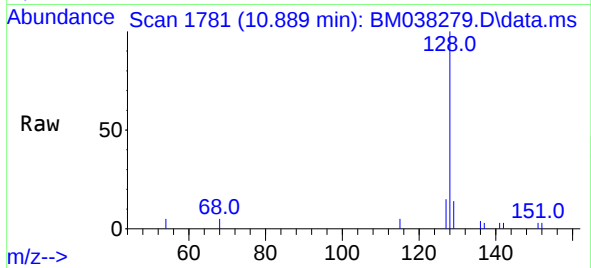
Quant Time: Dec 25 02:57:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.889 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20

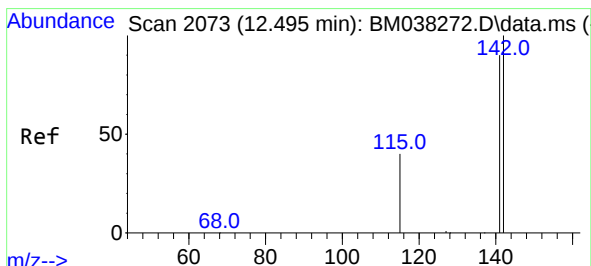
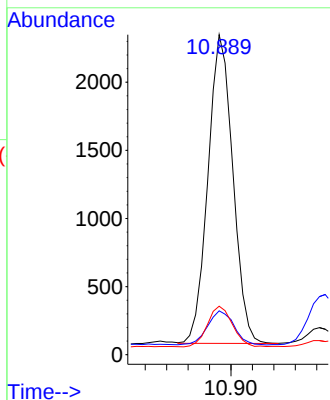
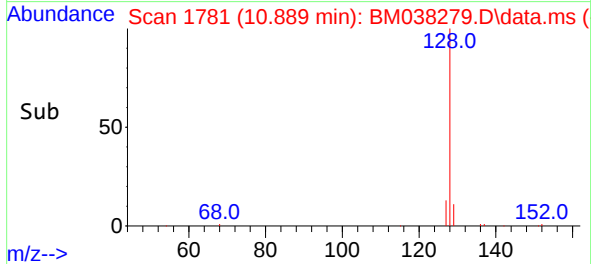
Instrument :
BNA_M
ClientSampleId :
DBYA8



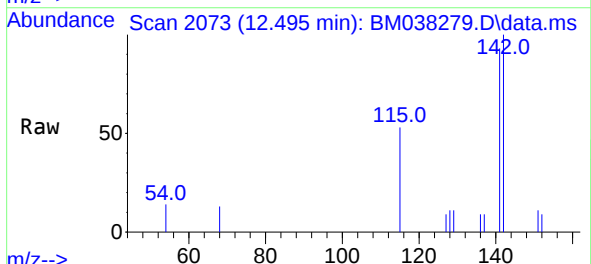
Tgt Ion:128 Resp: 364
Ion Ratio Lower Upper
128 100
129 13.7 9.4 14.0
127 15.2 10.7 16.1

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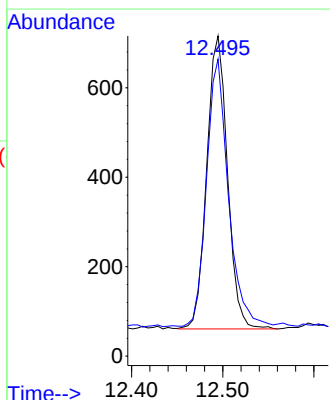
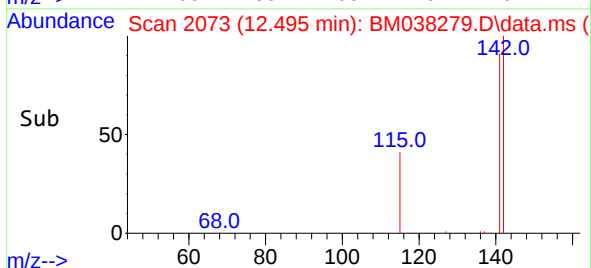
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

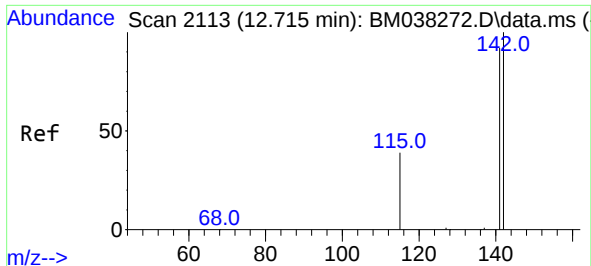


#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20



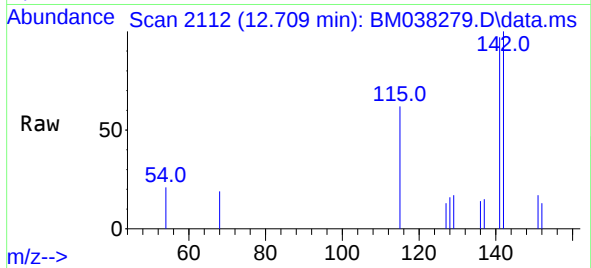
Tgt Ion:142 Resp: 1036
Ion Ratio Lower Upper
142 100
141 96.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.709 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20

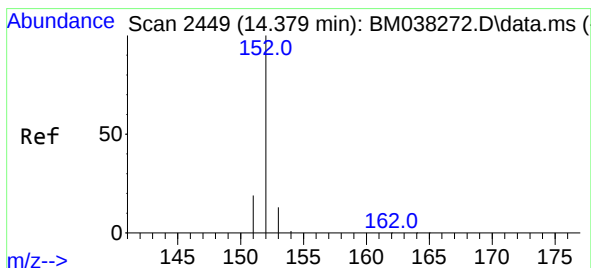
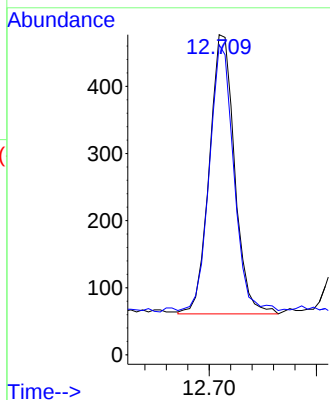
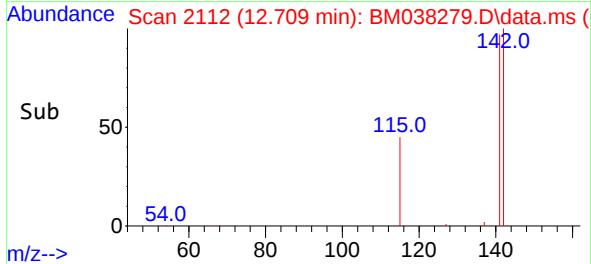
Instrument :
BNA_M
ClientSampleId :
DBYA8



Tgt Ion:142 Resp: 680
Ion Ratio Lower Upper
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141 91.2 74.7 112.1

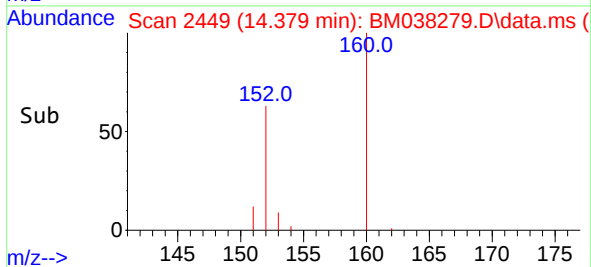
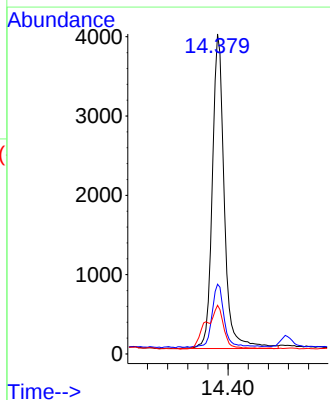
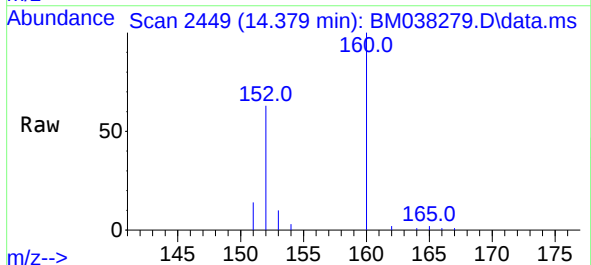
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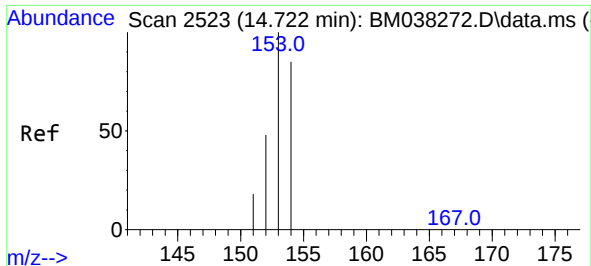
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#10
Acenaphthylene
Concen: 0.179 ng/ul
RT: 14.379 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20

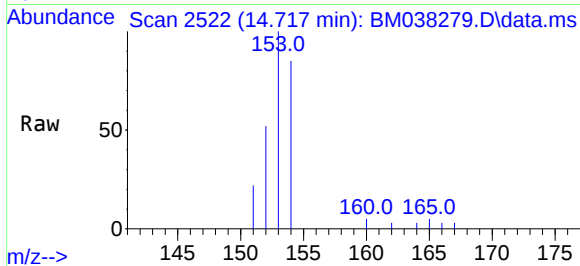
Tgt Ion:152 Resp: 6559
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.2
153 15.2 10.7 16.1





#11
Acenaphthene
Concen: 0.120 ng/u1
RT: 14.717 min Scan# 2522
Delta R.T. -0.005 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20

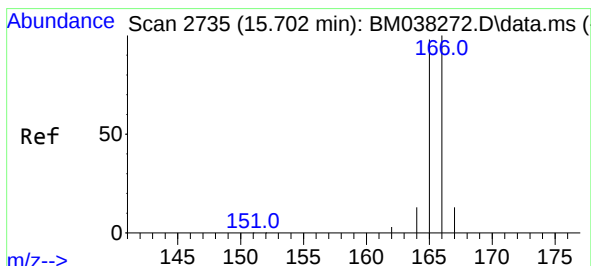
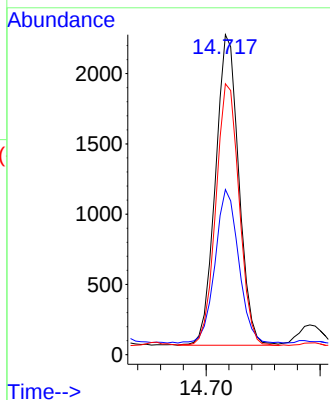
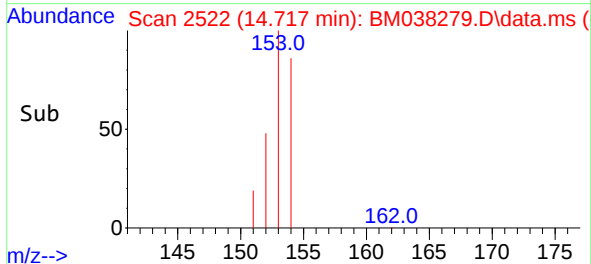
Instrument :
BNA_M
ClientSampleId :
DBYA8



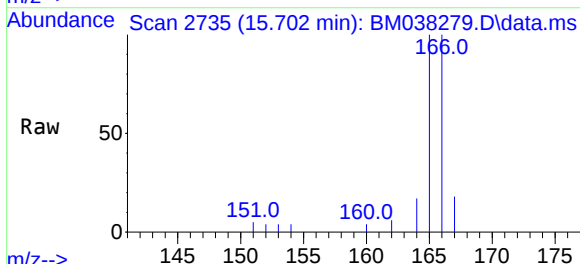
Tgt Ion:153 Resp: 314
Ion Ratio Lower Upper
153 100
152 51.6 39.4 59.0
154 84.6 69.0 103.4

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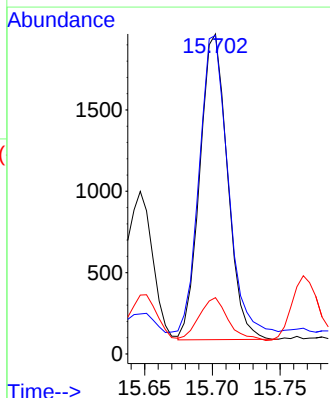
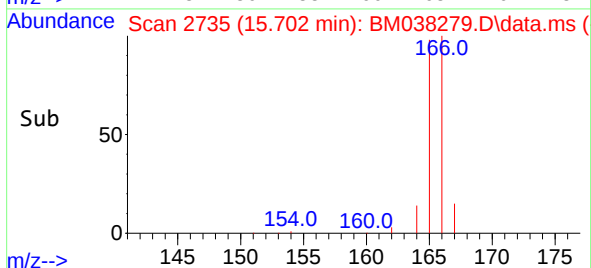
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

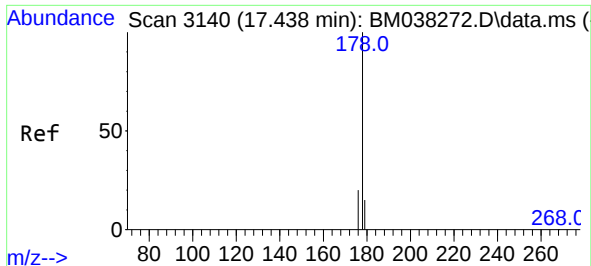


#12
Fluorene
Concen: 0.094 ng/u1
RT: 15.702 min Scan# 2735
Delta R.T. 0.000 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20



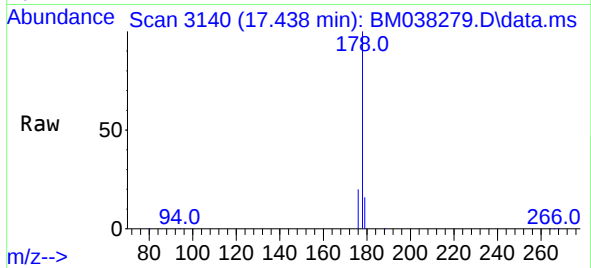
Tgt Ion:166 Resp: 2663
Ion Ratio Lower Upper
166 100
165 99.5 79.0 118.6
167 17.6 11.0 16.6#





#15
Phenanthrene
Concen: 1.186 ng/u1
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20

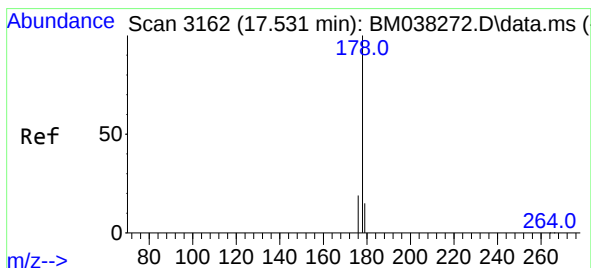
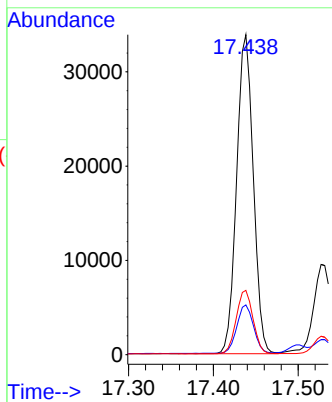
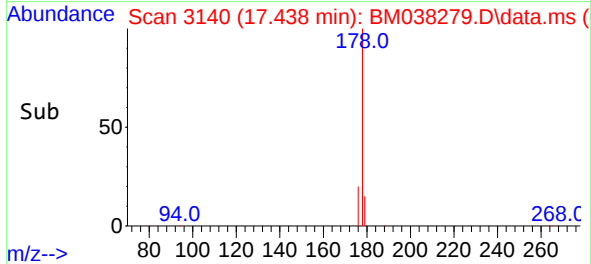
Instrument :
BNA_M
ClientSampleId :
DBYA8



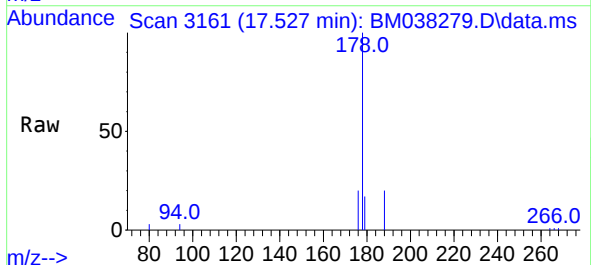
Tgt Ion:178 Resp: 46190
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 20.1 16.2 24.4

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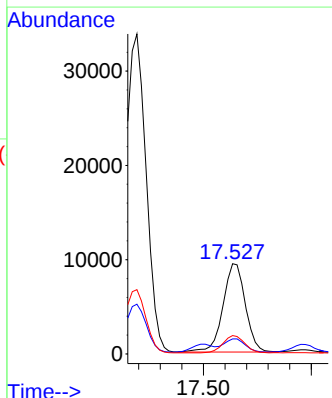
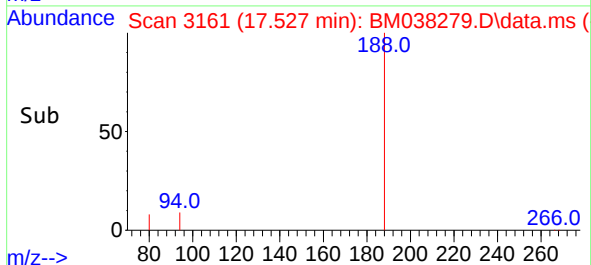
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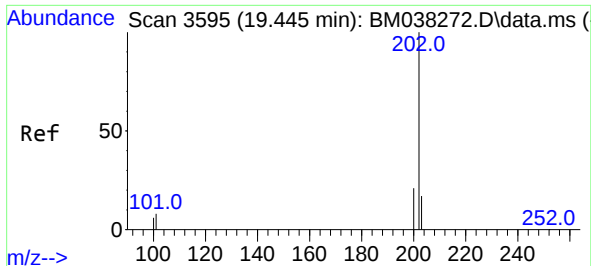


#16
Anthracene
Concen: 0.361 ng/u1
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20



Tgt Ion:178 Resp: 13481
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.6
176 20.4 15.6 23.4





#19

Fluoranthene

Concen: 2.594 ng/ul

RT: 19.445 min Scan# 3595

Delta R.T. -0.005 min

Lab File: BM038279.D

Acq: 24 Dec 2022 20:20

Instrument :

BNA_M

ClientSampleId :

DBYA8

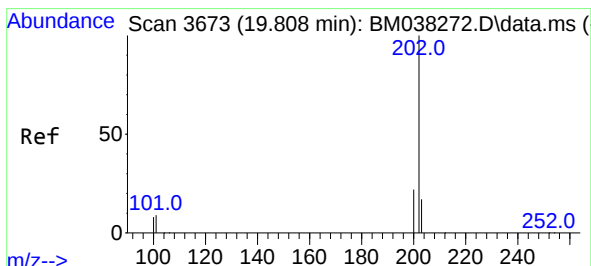
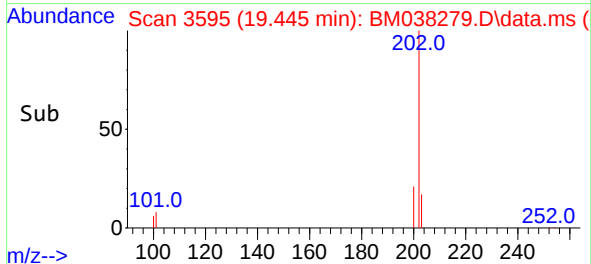
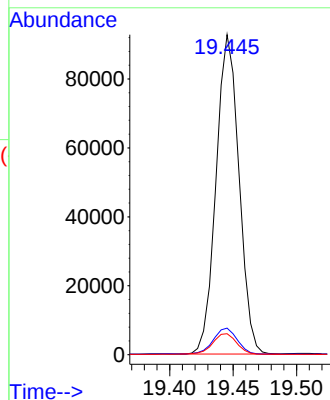
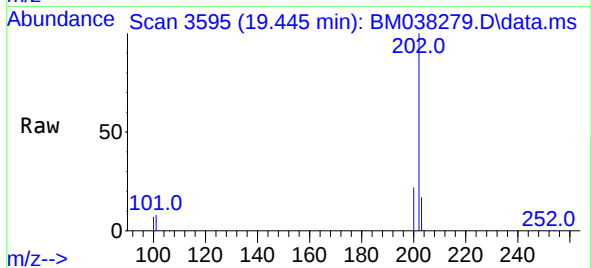
Tgt Ion:202 Resp: 116448

Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.5	11.3
100	6.6	5.6	8.4

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#20

Pyrene

Concen: 2.143 ng/ul m

RT: 19.808 min Scan# 3673

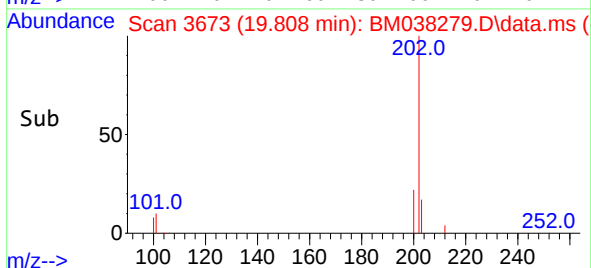
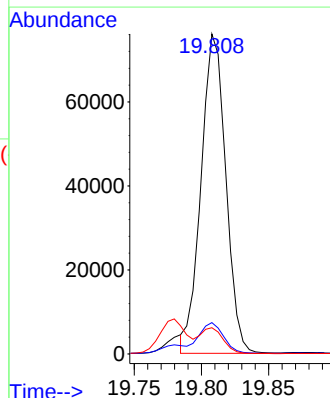
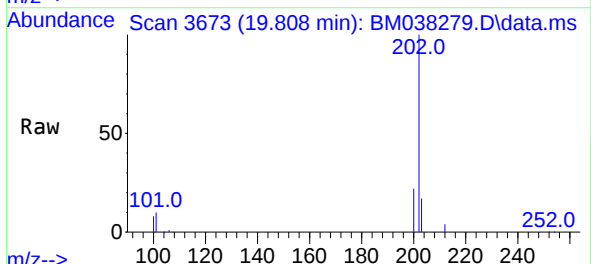
Delta R.T. -0.005 min

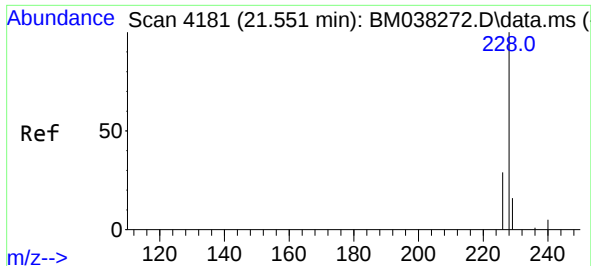
Lab File: BM038279.D

Acq: 24 Dec 2022 20:20

Tgt Ion:202 Resp: 97203

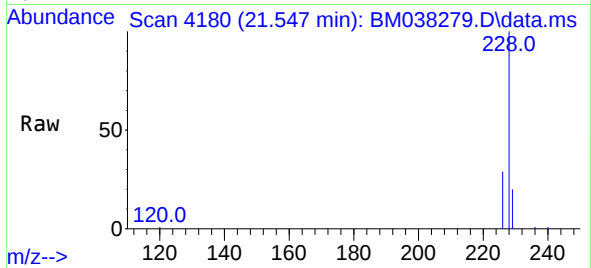
Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.9	13.3
100	8.2	7.4	11.0





#21
Benzo(a)anthracene
Concen: 2.171 ng/u1
RT: 21.547 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20

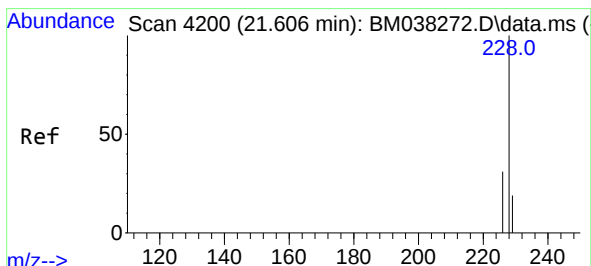
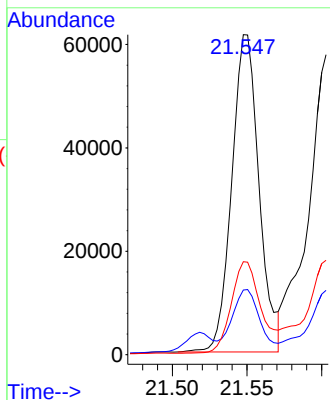
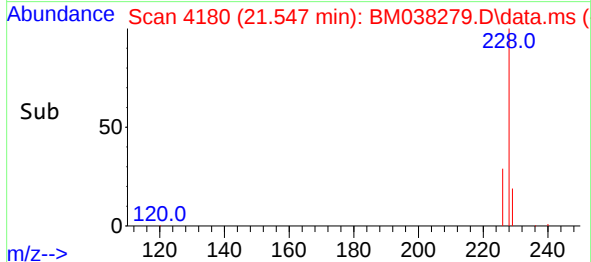
Instrument :
BNA_M
ClientSampleId :
DBYA8



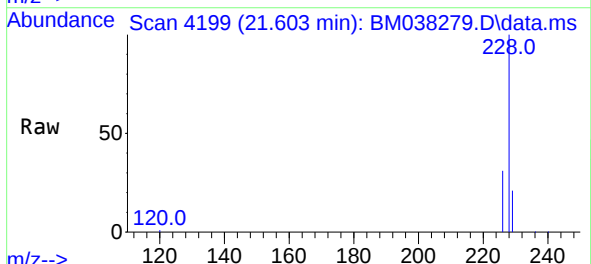
Tgt Ion:228 Resp: 7802
Ion Ratio Lower Upper
228 100
229 20.2 15.5 23.3
226 29.0 22.2 33.2

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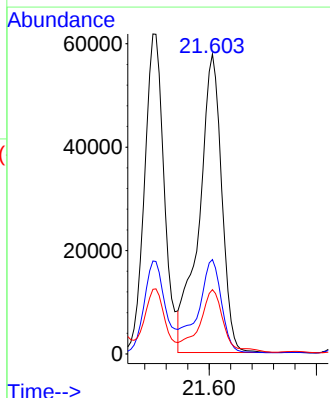
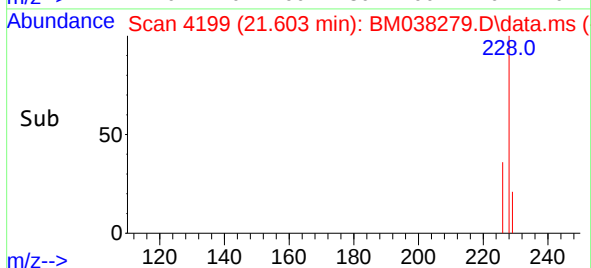
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

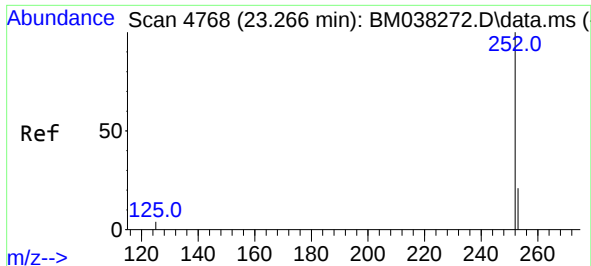


#22
Chrysene
Concen: 2.414 ng/u1
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20



Tgt Ion:228 Resp: 84439
Ion Ratio Lower Upper
228 100
226 31.5 25.0 37.4
229 21.4 16.0 24.0





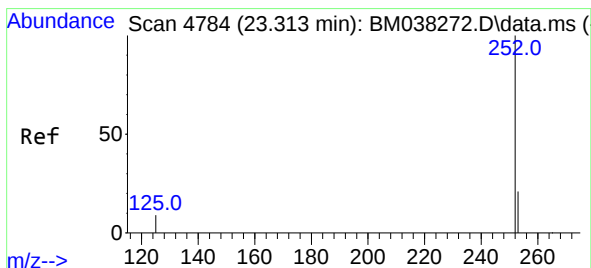
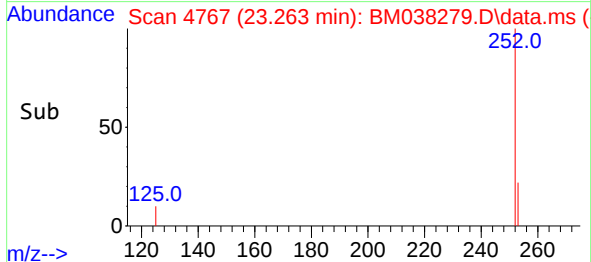
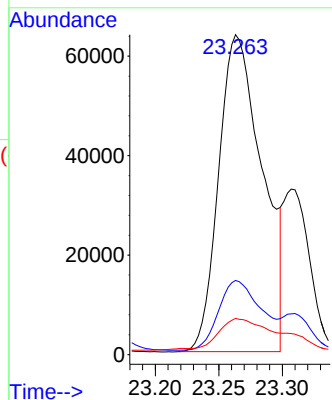
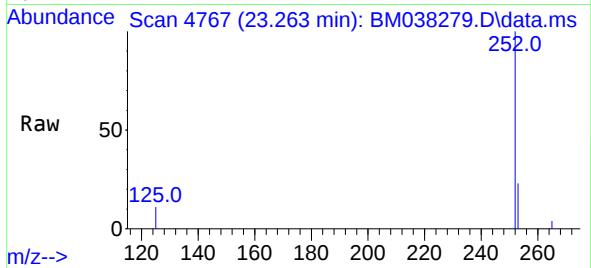
#24
Benzo(b)fluoranthene
Concen: 4.218 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 152490
Ion Ratio Lower Upper
252 100
253 23.2 0.0 56.0
125 11.4 0.0 36.6

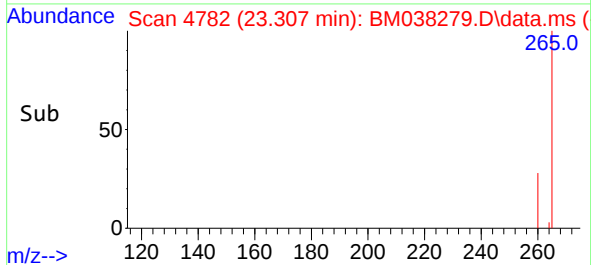
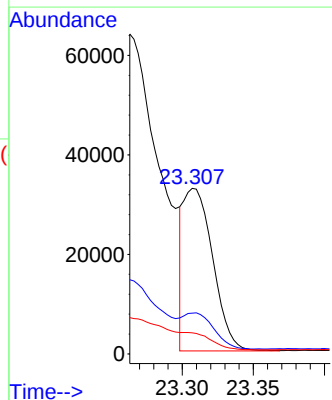
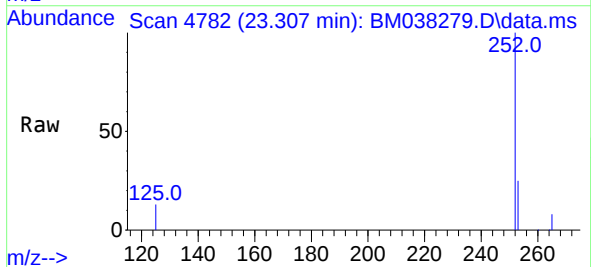
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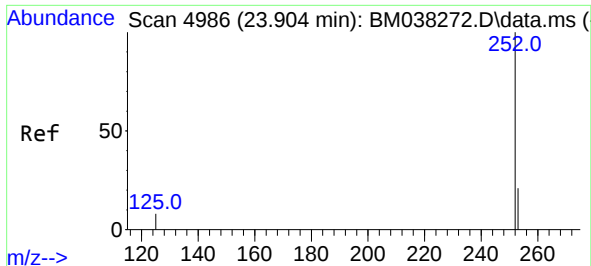
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#25
Benzo(k)fluoranthene
Concen: 1.342 ng/ul m
RT: 23.307 min Scan# 4782
Delta R.T. -0.006 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20

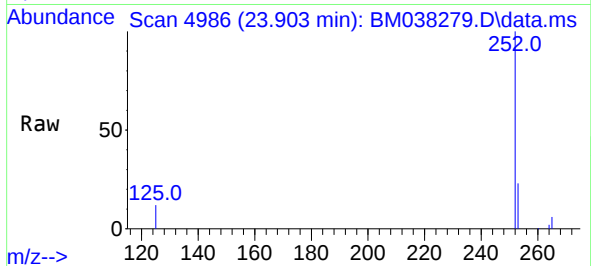
Tgt Ion:252 Resp: 46608
Ion Ratio Lower Upper
252 100
253 24.6 22.5 33.7
125 12.7 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 3.286 ng/ul
RT: 23.903 min Scan# 4986
Delta R.T. -0.003 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20

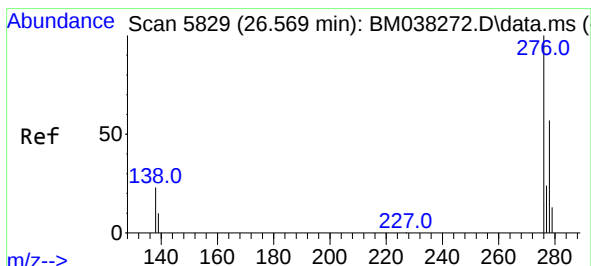
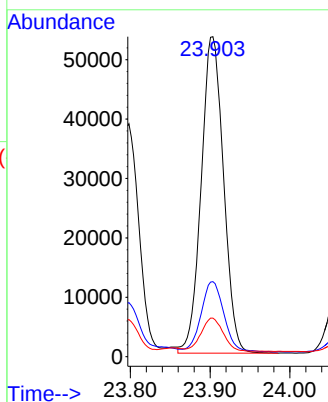
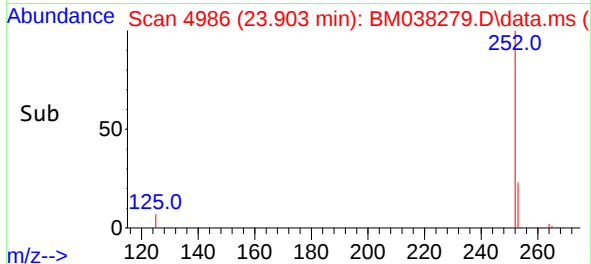
Instrument :
BNA_M
ClientSampleId :
DBYA8



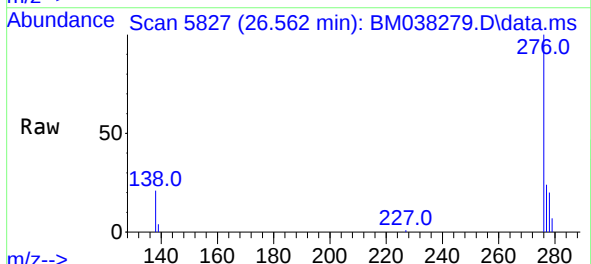
Tgt Ion:252 Resp: 103654
Ion Ratio Lower Upper
252 100
253 23.4 24.2 36.4
125 12.0 17.3 25.9

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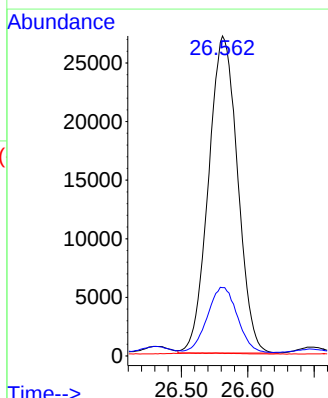
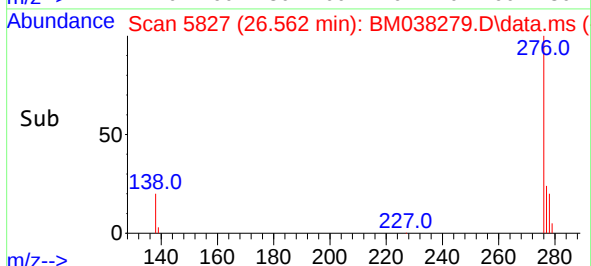
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

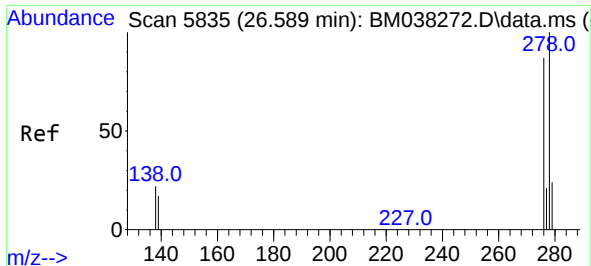


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.879 ng/ul
RT: 26.562 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20



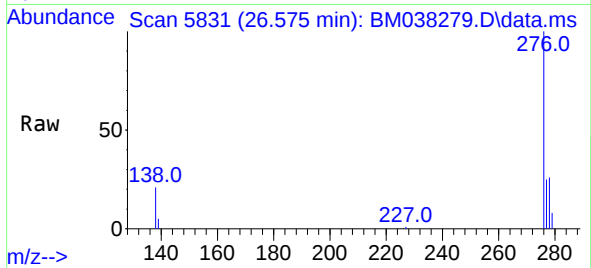
Tgt Ion:276 Resp: 82217
Ion Ratio Lower Upper
276 100
138 21.1 21.7 32.5
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.634 ng/ul
RT: 26.575 min Scan# 5831
Delta R.T. -0.013 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20

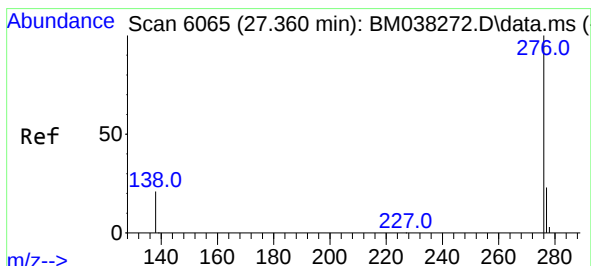
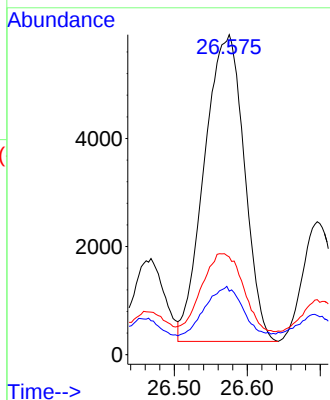
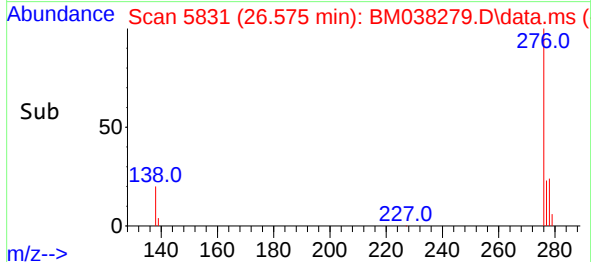
Instrument :
BNA_M
ClientSampleId :
DBYA8



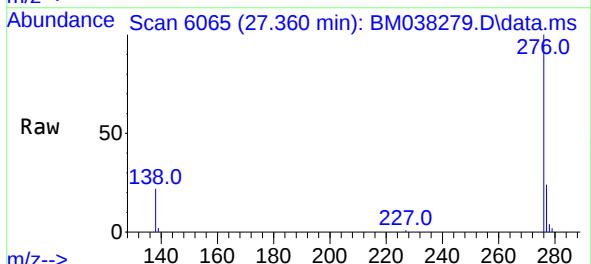
Tgt Ion: 278 Resp: 2155
Ion Ratio Lower Upper
278 100
139 19.8 16.8 25.2
279 30.5 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.028 ng/ul
RT: 27.360 min Scan# 6065
Delta R.T. 0.000 min
Lab File: BM038279.D
Acq: 24 Dec 2022 20:20



Tgt Ion: 276 Resp: 74657
Ion Ratio Lower Upper
276 100
138 21.6 20.8 31.2
277 23.9 20.5 30.7

