

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038280.D
 Acq On : 24 Dec 2022 20:56
 Operator : CG/JU
 Sample : N6016-04
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYC0

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 02:57:35 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	3198	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	9538	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	5774	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	11783	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	9131	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	8713	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	7891	2.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	2327	0.166	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	5156	0.150	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	1012	0.036	ng/ul#	79
7) 2-Methylnaphthalene	12.495	142	363	0.021	ng/ul	96
10) Acenaphthylene	14.379	152	1062	0.033	ng/ul#	76
14) Pentachlorophenol	17.050	266	154	0.026	ng/ul	96
15) Phenanthrene	17.438	178	8635	0.219	ng/ul	98
16) Anthracene	17.531	178	1956	0.052	ng/ul#	86
19) Fluoranthene	19.445	202	24779	0.495	ng/ul	100
20) Pyrene	19.808	202	21481m	0.425	ng/ul	
21) Benzo(a)anthracene	21.550	228	11946	0.298	ng/ul	95
22) Chrysene	21.603	228	14884	0.382	ng/ul	96
24) Benzo(b)fluoranthene	23.263	252	24759	0.642	ng/ul	98
25) Benzo(k)fluoranthene	23.307	252	7415m	0.200	ng/ul	
26) Benzo(a)pyrene	23.903	252	15898	0.472	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.565	276	13442	0.288	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.569	278	3510	0.097	ng/ul#	55
29) Benzo(g,h,i)perylene	27.353	276	13543	0.345	ng/ul	99

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

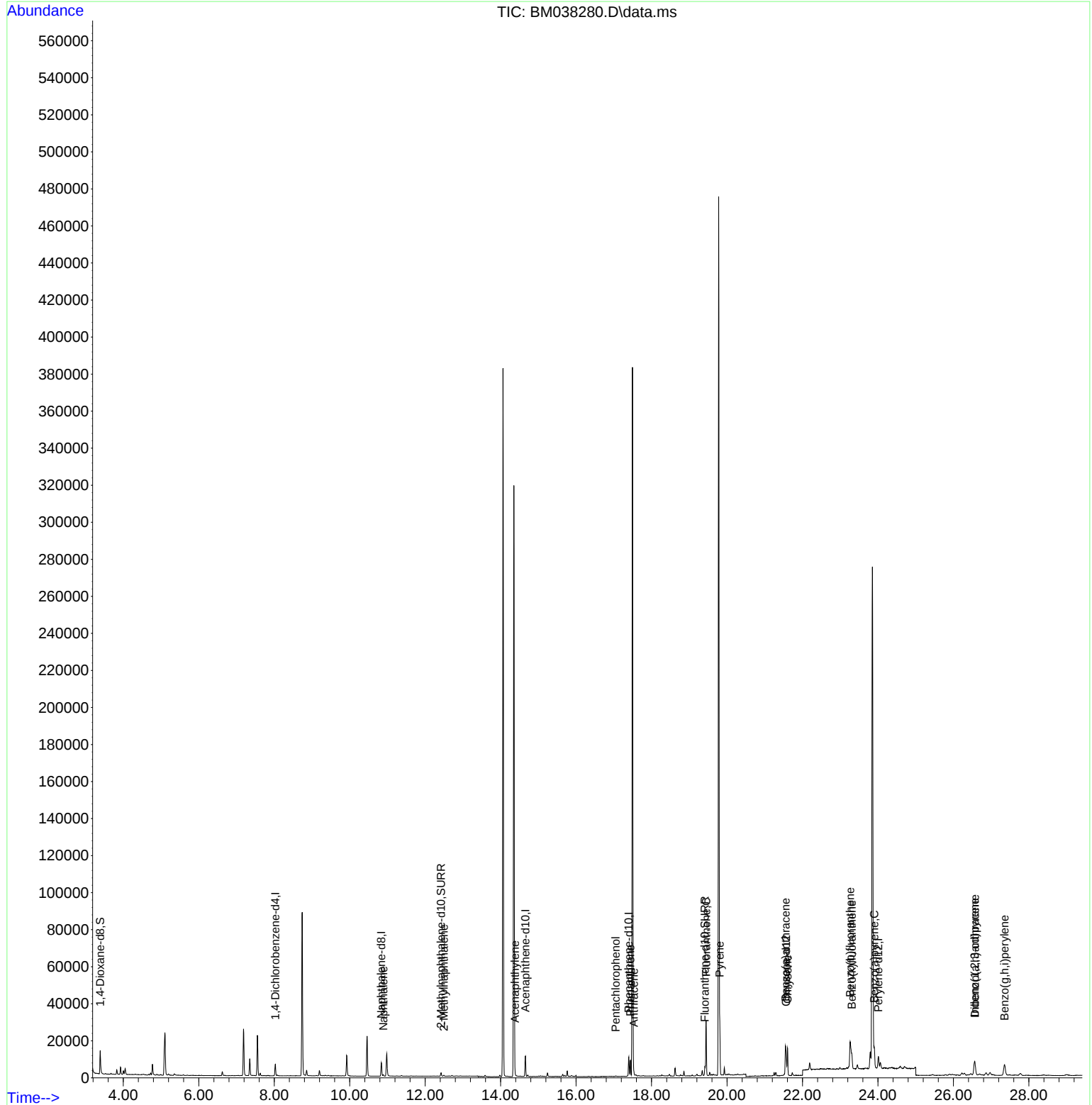
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038280.D
Acq On : 24 Dec 2022 20:56
Operator : CG/JU
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ALS Vial : 88 Sample Multiplier: 1

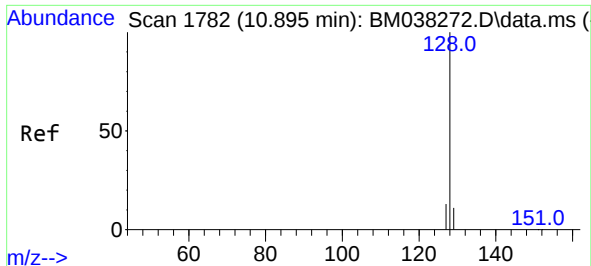
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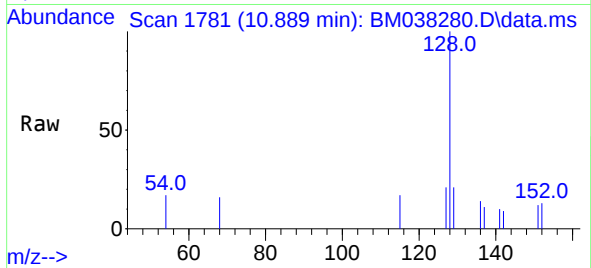
Quant Time: Dec 25 02:57:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.889 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

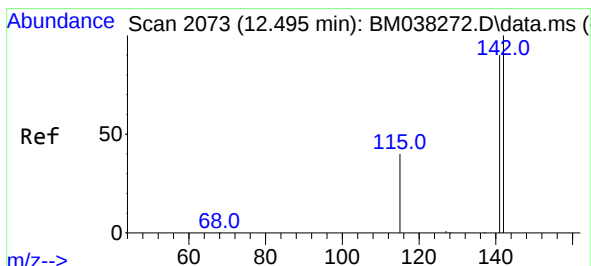
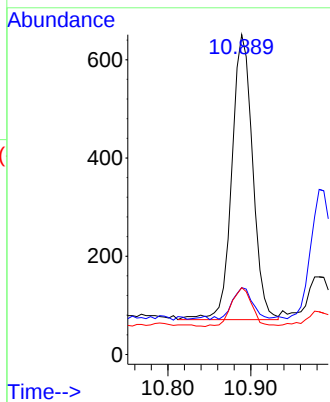
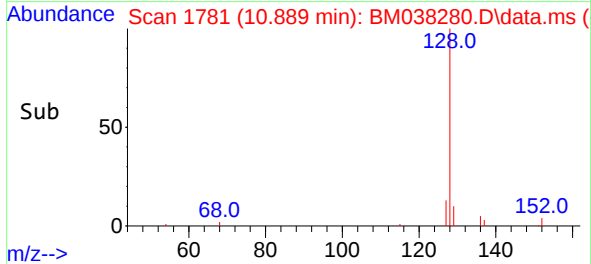
Instrument :
BNA_M
ClientSampleId :
DBYC0



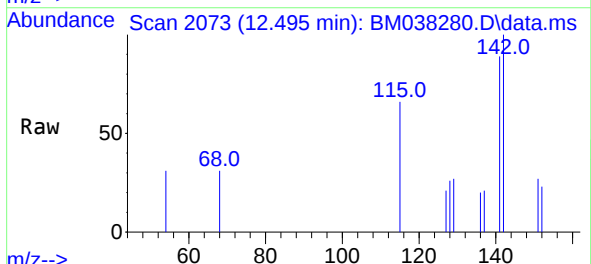
Tgt Ion:128 Resp: 101
Ion Ratio Lower Upper
128 100
129 20.9 9.4 14.0
127 20.9 10.7 16.1

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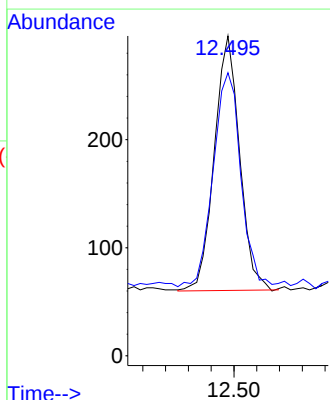
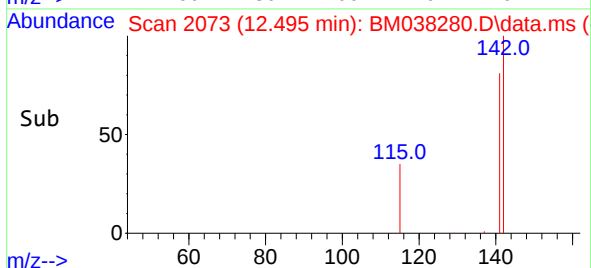
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

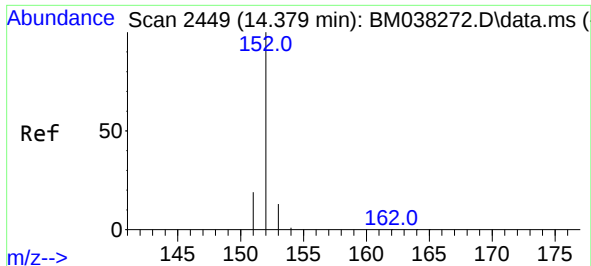


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56



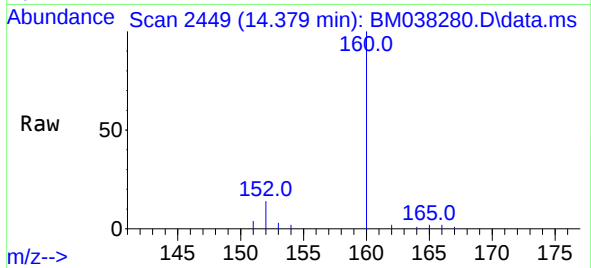
Tgt Ion:142 Resp: 363
Ion Ratio Lower Upper
142 100
141 93.7 71.9 107.9





#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.379 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

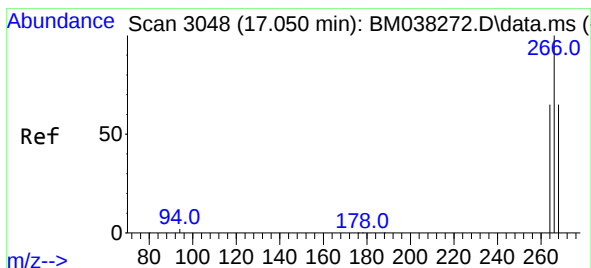
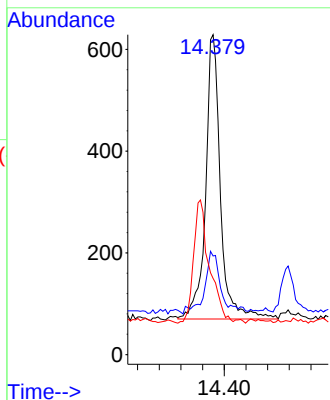
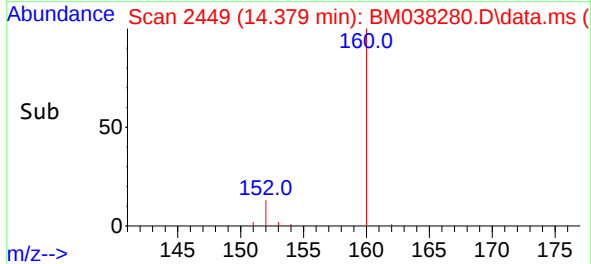
Instrument :
BNA_M
ClientSampleId :
DBYC0



Tgt Ion:152 Resp: 1062
Ion Ratio Lower Upper
152 100
151 30.8 16.2 24.2
153 23.8 10.7 16.1

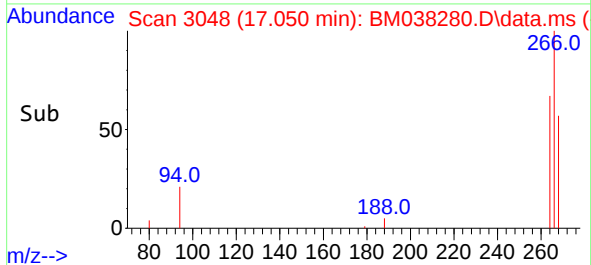
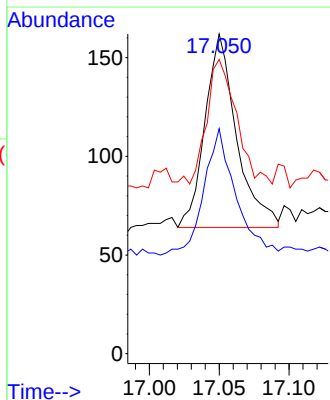
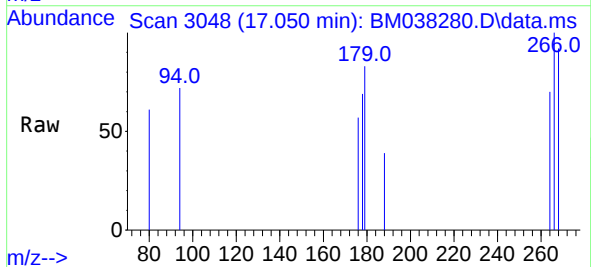
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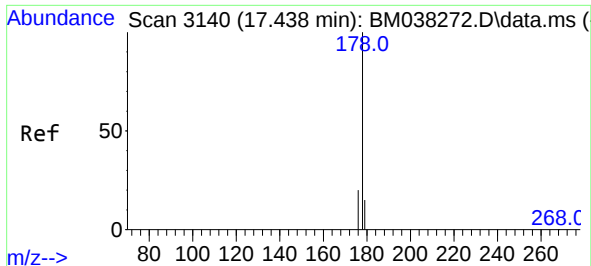
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#14
Pentachlorophenol
Concen: 0.026 ng/ul
RT: 17.050 min Scan# 3048
Delta R.T. 0.000 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

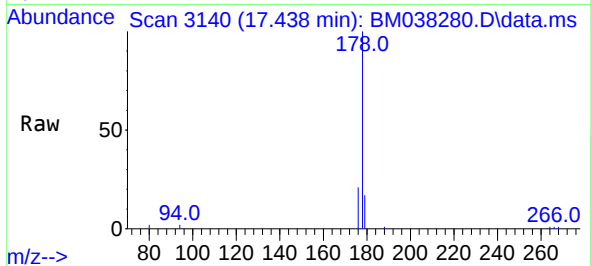
Tgt Ion:266 Resp: 154
Ion Ratio Lower Upper
266 100
264 65.6 49.9 74.9
268 66.9 51.2 76.8





#15
Phenanthrene
Concen: 0.219 ng/u1
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

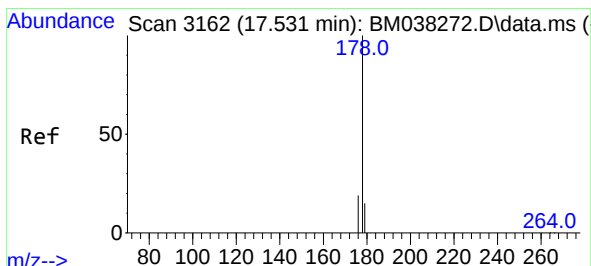
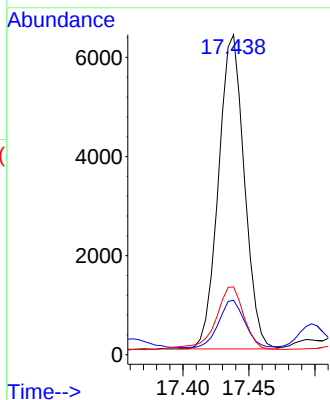
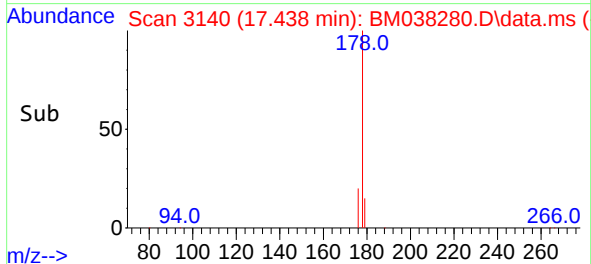
Instrument :
BNA_M
ClientSampleId :
DBYC0



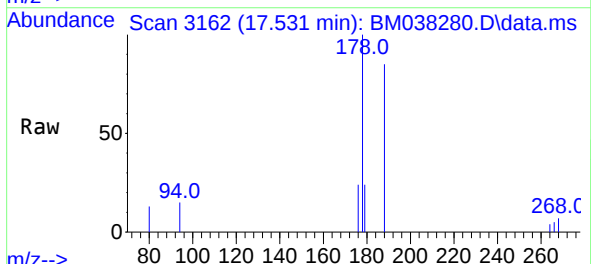
Tgt Ion:178 Resp: 863
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.4
176 21.2 16.2 24.4

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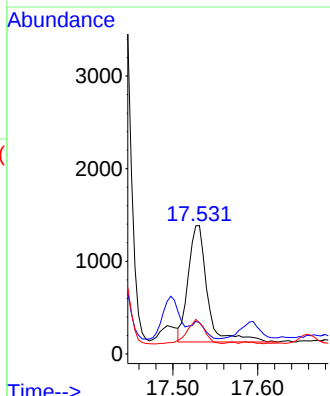
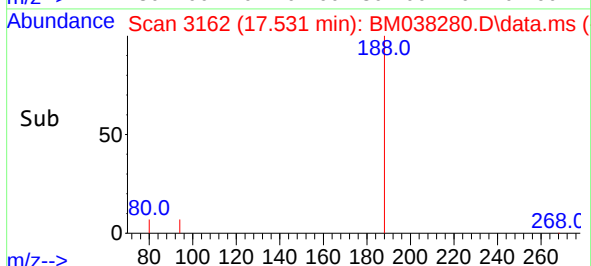
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

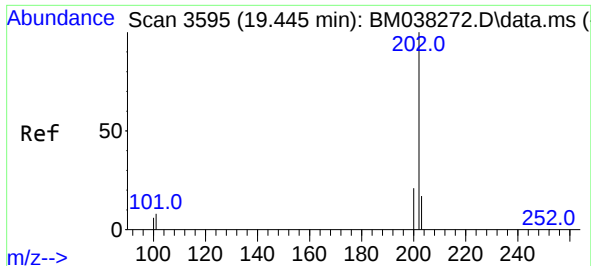


#16
Anthracene
Concen: 0.052 ng/u1
RT: 17.531 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56



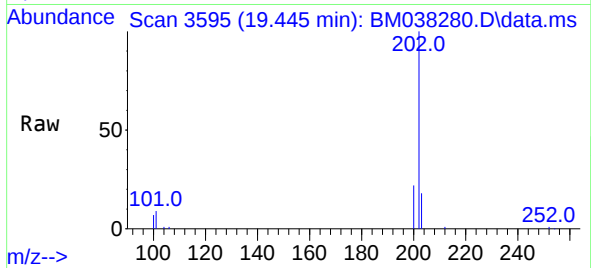
Tgt Ion:178 Resp: 1956
Ion Ratio Lower Upper
178 100
179 24.5 13.0 19.6#
176 24.2 15.6 23.4#





#19
Fluoranthene
Concen: 0.495 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

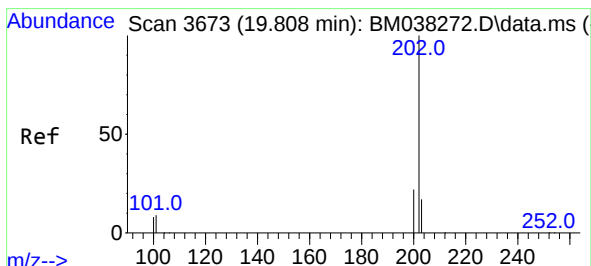
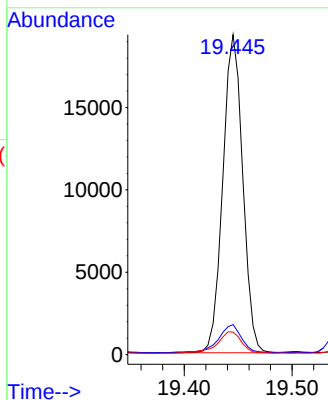
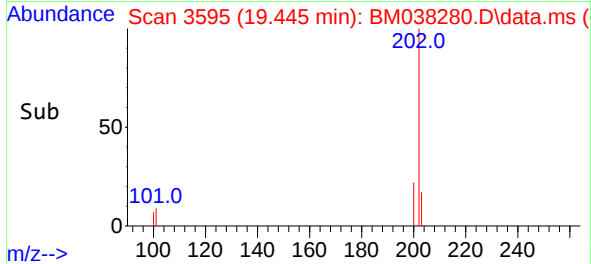
Instrument :
BNA_M
ClientSampleId :
DBYC0



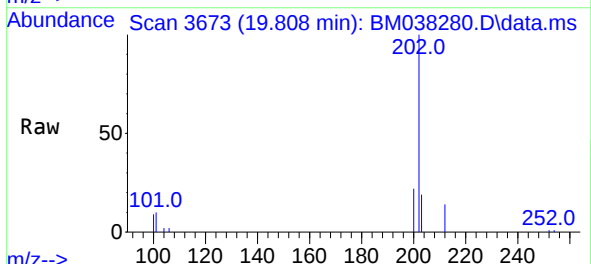
Tgt Ion:202 Resp: 24779
Ion Ratio Lower Upper
202 100
101 9.4 7.5 11.3
100 7.1 5.6 8.4

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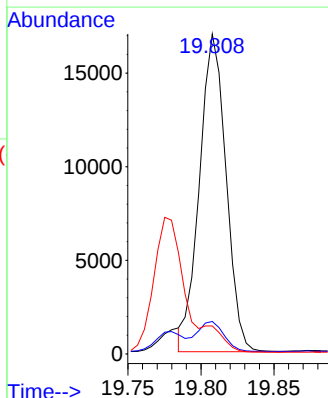
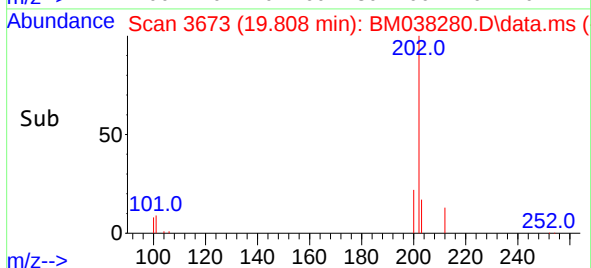
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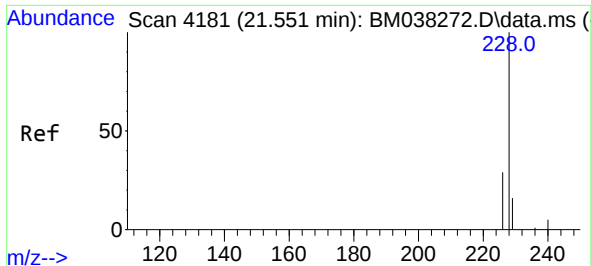


#20
Pyrene
Concen: 0.425 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56



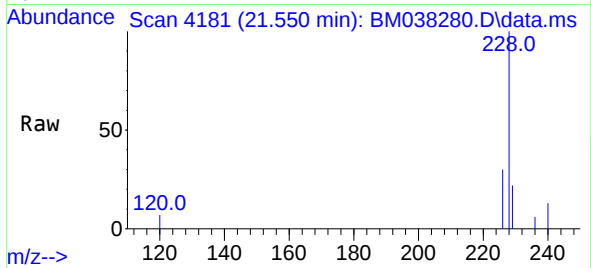
Tgt Ion:202 Resp: 21481
Ion Ratio Lower Upper
202 100
101 10.1 8.9 13.3
100 8.7 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.298 ng/u1
RT: 21.550 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

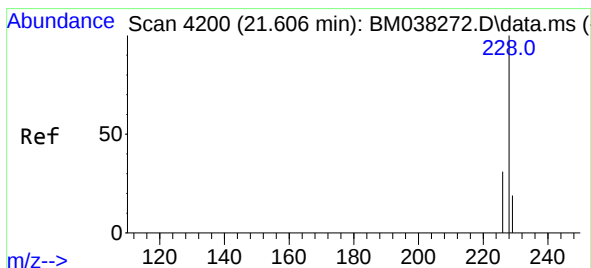
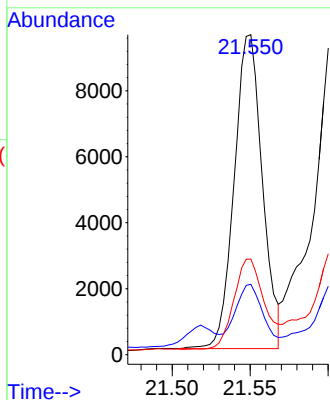
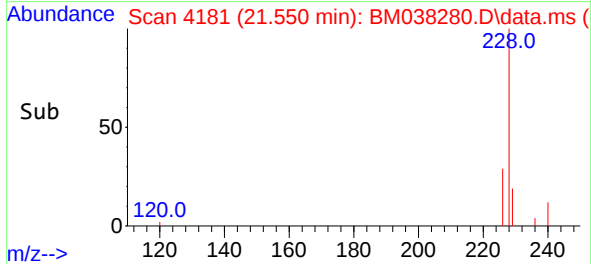
Instrument :
BNA_M
ClientSampleId :
DBYC0



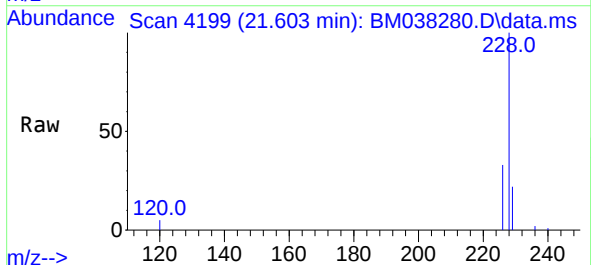
Tgt Ion:228 Resp: 11940
Ion Ratio Lower Upper
228 100
229 22.0 15.5 23.3
226 29.9 22.2 33.2

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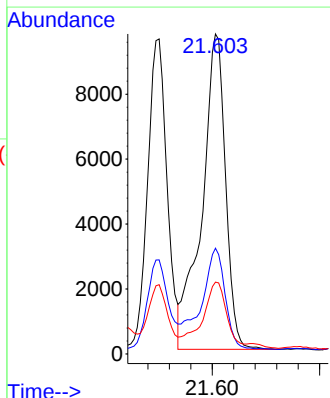
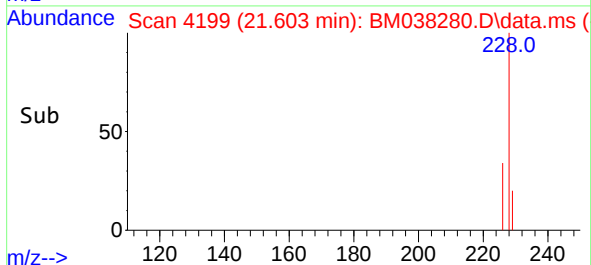
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Supervised By :Yogesh Patel 12/25/2022

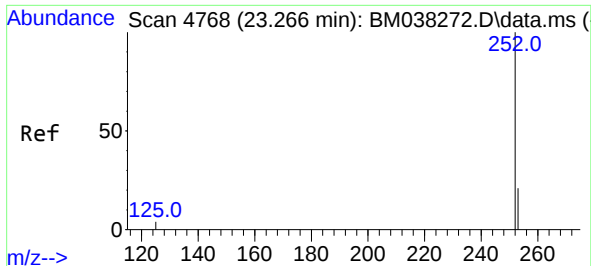


#22
Chrysene
Concen: 0.382 ng/u1
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56



Tgt Ion:228 Resp: 14884
Ion Ratio Lower Upper
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226 33.1 25.0 37.4
229 22.5 16.0 24.0





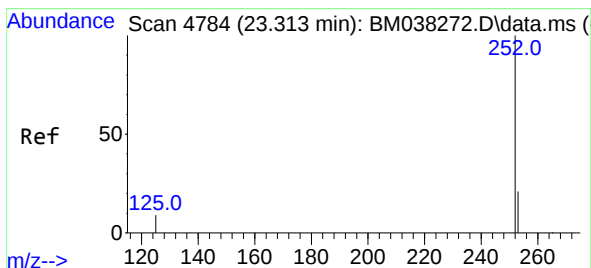
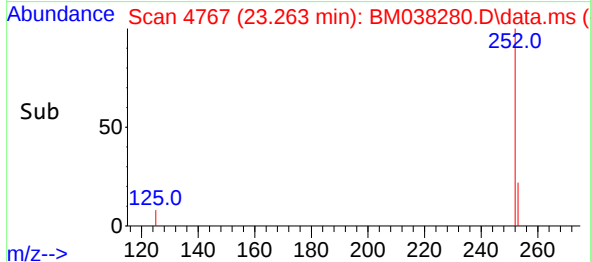
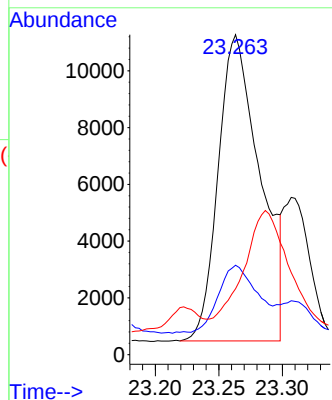
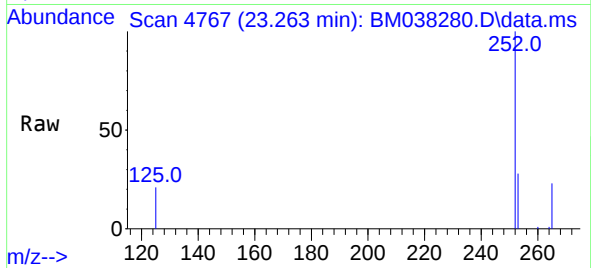
#24
Benzo(b)fluoranthene
Concen: 0.642 ng/ul
RT: 23.263 min Scan# 4768
Delta R.T. -0.003 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

Instrument :
BNA_M
ClientSampleId :
DBYC0

Tgt Ion:252 Resp: 2475
Ion Ratio Lower Upper
252 100
253 27.9 0.0 56.0
125 20.6 0.0 36.6

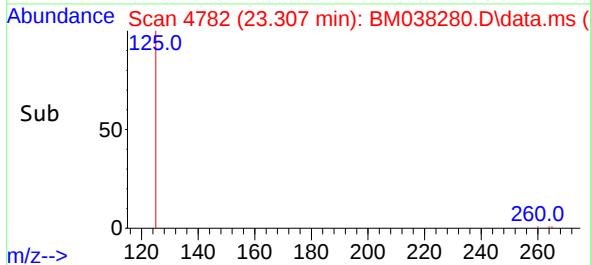
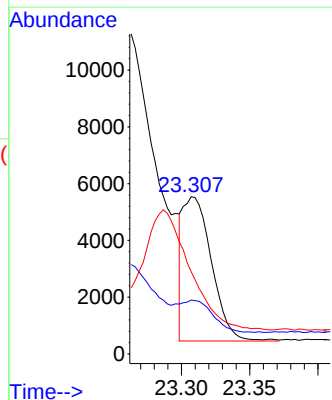
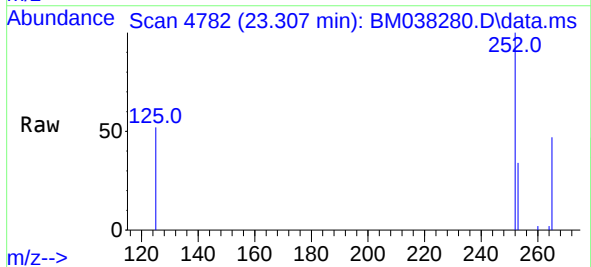
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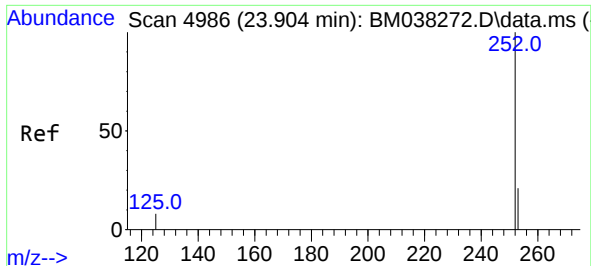
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.200 ng/ul m
RT: 23.307 min Scan# 4782
Delta R.T. -0.006 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

Tgt Ion:252 Resp: 7415
Ion Ratio Lower Upper
252 100
253 34.3 22.5 33.7#
125 52.2 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.472 ng/ul
RT: 23.903 min Scan# 4986
Delta R.T. -0.003 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

Instrument :

BNA_M

ClientSampleId :

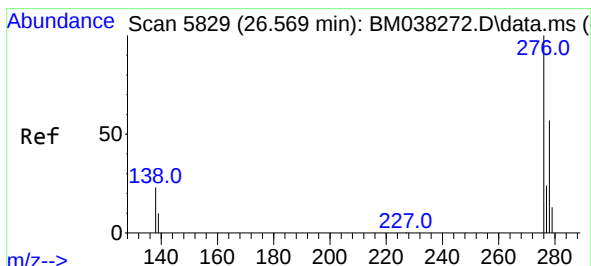
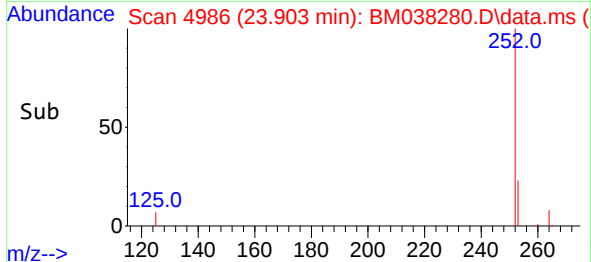
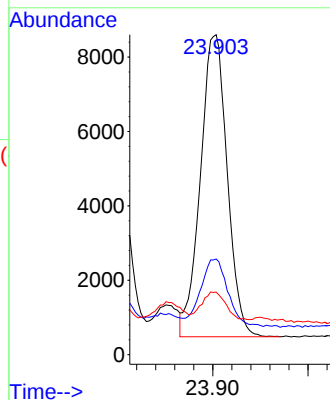
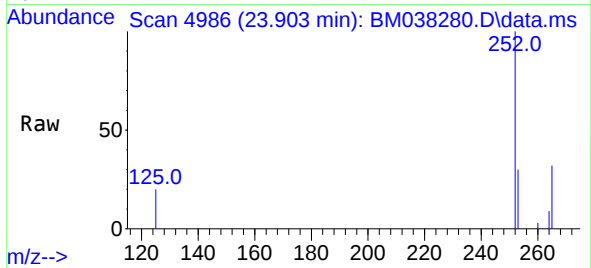
DBYC0

Tgt Ion:252 Resp: 15898
Ion Ratio Lower Upper
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253 29.9 24.2 36.4
125 19.5 17.3 25.9

Manual Integrations

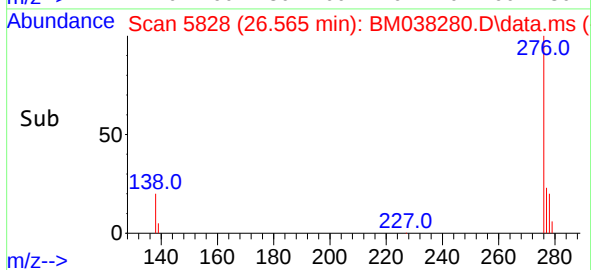
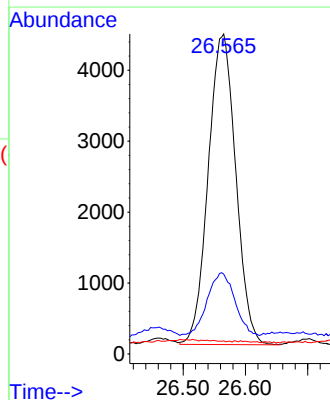
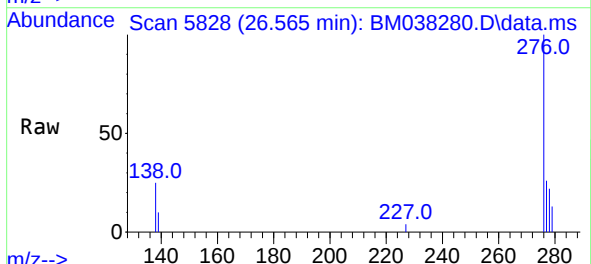
APPROVED

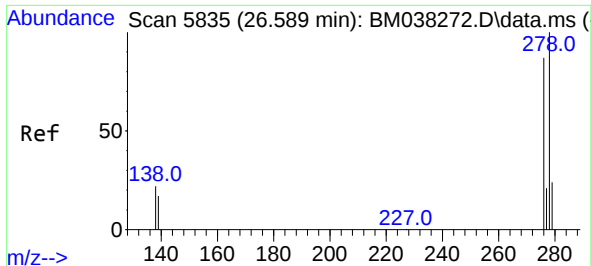
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.288 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. -0.003 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

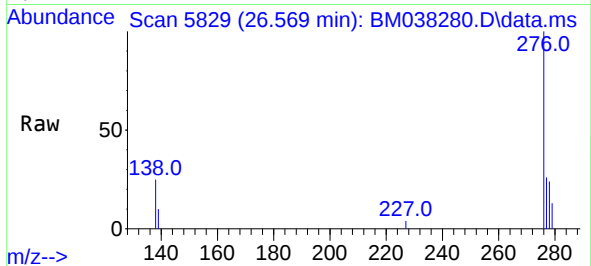
Tgt Ion:276 Resp: 13442
Ion Ratio Lower Upper
276 100
138 20.2 21.7 32.5#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 26.569 min Scan# 5835
Delta R.T. -0.020 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56

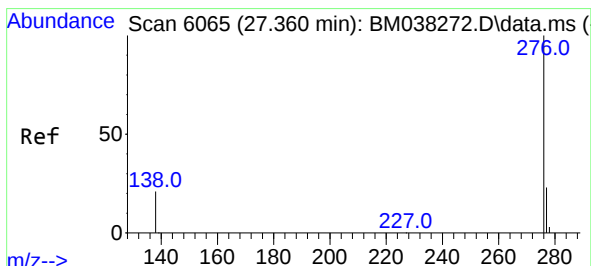
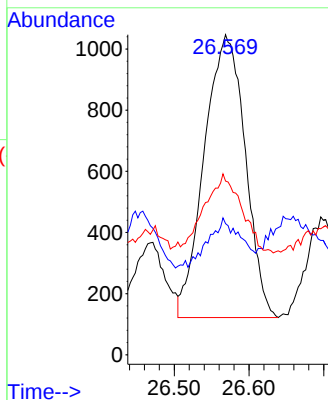
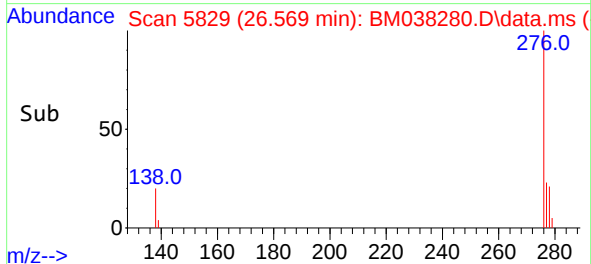
Instrument :
BNA_M
ClientSampleId :
DBYC0



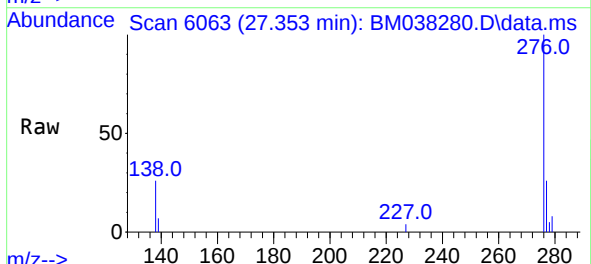
Tgt Ion:278 Resp: 3510
Ion Ratio Lower Upper
278 100
139 41.0 16.8 25.2
279 54.3 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.345 ng/ul
RT: 27.353 min Scan# 6063
Delta R.T. -0.007 min
Lab File: BM038280.D
Acq: 24 Dec 2022 20:56



Tgt Ion:276 Resp: 13543
Ion Ratio Lower Upper
276 100
138 26.1 20.8 31.2
277 26.1 20.5 30.7

