

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038286.D
 Acq On : 25 Dec 2022 00:31
 Operator : CG/JU
 Sample : N6016-10
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYD4

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 02:58:29 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	3355	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	10017	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6011	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	11868	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	8703	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	7889	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	13407	3.928	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	3915	0.266	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	7723	0.236	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.889	128	1031	0.035	ng/ul#	80
7) 2-Methylnaphthalene	12.495	142	431	0.024	ng/ul	98
10) Acenaphthylene	14.379	152	854	0.026	ng/ul#	69
11) Acenaphthene	14.717	153	557	0.024	ng/ul#	91
12) Fluorene	15.698	166	515	0.020	ng/ul#	94
15) Phenanthrene	17.434	178	8349	0.210	ng/ul	96
16) Anthracene	17.527	178	1583	0.042	ng/ul#	81
19) Fluoranthene	19.445	202	23030	0.483	ng/ul#	92
20) Pyrene	19.808	202	19408m	0.403	ng/ul	
21) Benzo(a)anthracene	21.548	228	10872	0.285	ng/ul	96
22) Chrysene	21.600	228	12655	0.341	ng/ul	95
24) Benzo(b)fluoranthene	23.260	252	20621m	0.591	ng/ul	
25) Benzo(k)fluoranthene	23.307	252	6394m	0.191	ng/ul	
26) Benzo(a)pyrene	23.898	252	13238	0.434	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.562	276	11319	0.268	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.565	278	2820	0.086	ng/ul#	41
29) Benzo(g,h,i)perylene	27.353	276	11965	0.336	ng/ul	98

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

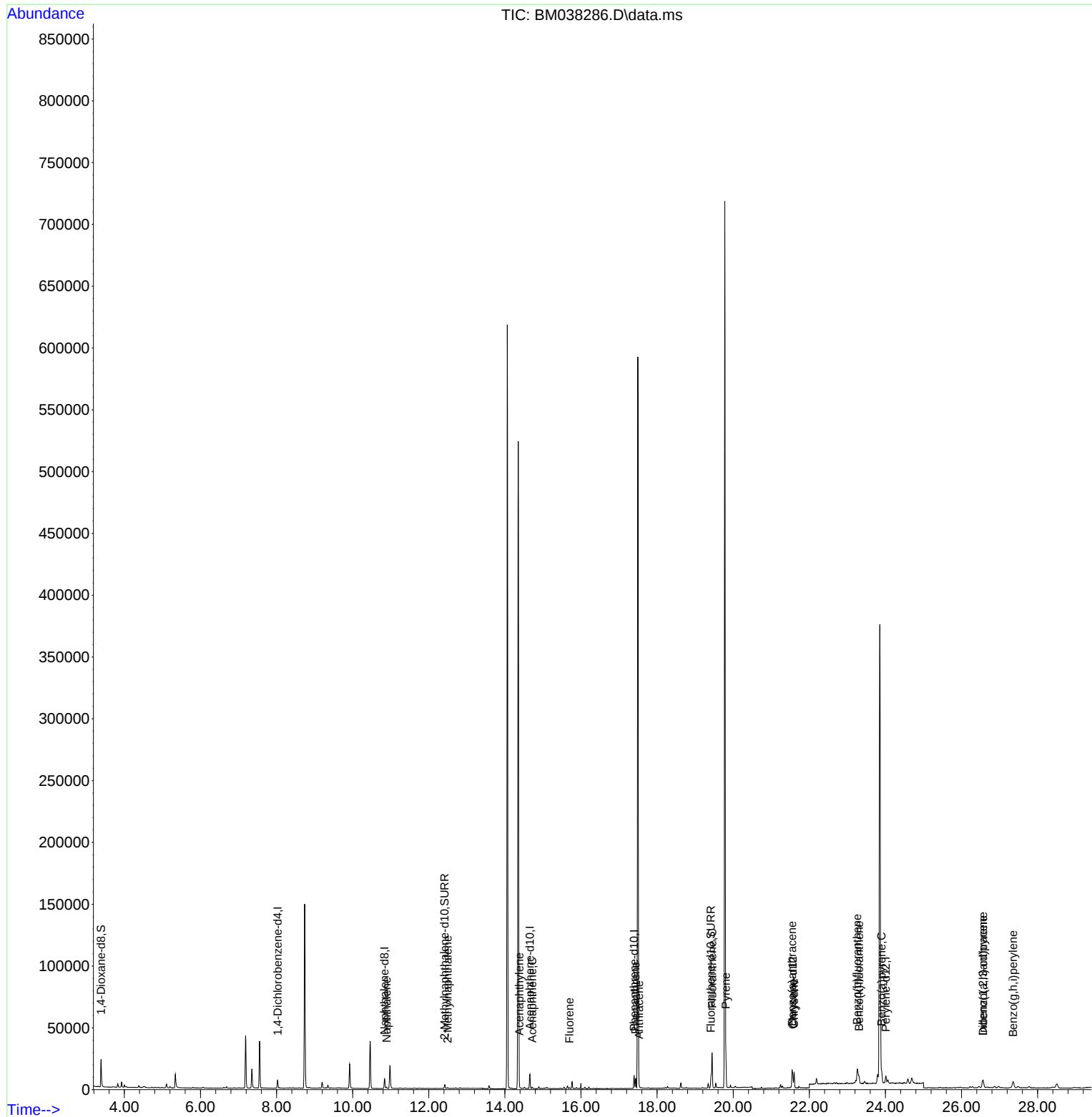
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038286.D
Acq On : 25 Dec 2022 00:31
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ALS Vial : 94 Sample Multiplier: 1

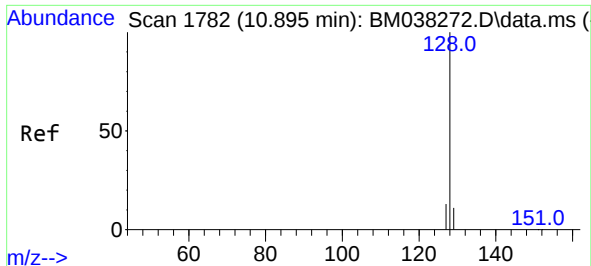
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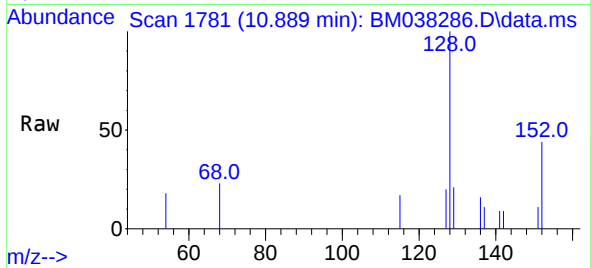
Quant Time: Dec 25 02:58:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

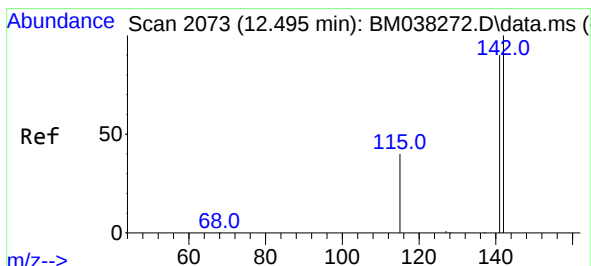
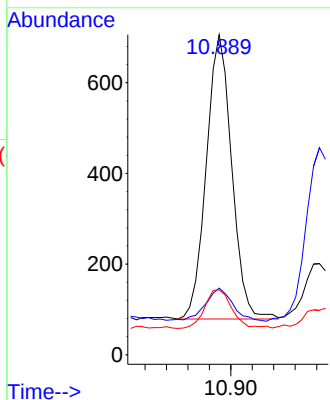
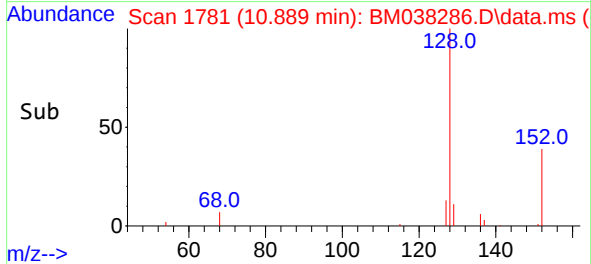
Instrument :
BNA_M
ClientSampleId :
DBYD4



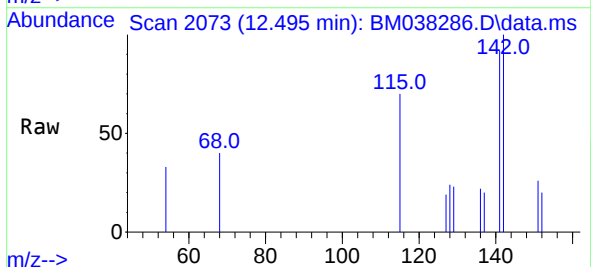
Tgt Ion:128 Resp: 103
Ion Ratio Lower Upper
128 100
129 20.8 9.4 14.0
127 20.3 10.7 16.1

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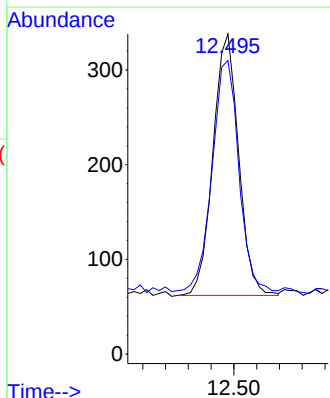
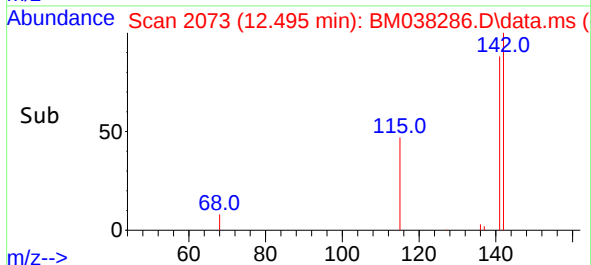
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Supervised By :Yogesh Patel 12/25/2022

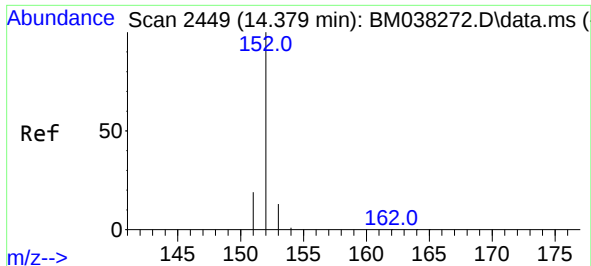


#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31



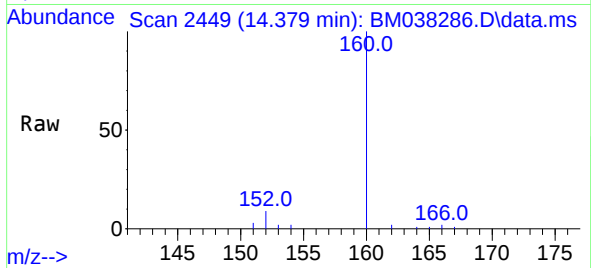
Tgt Ion:142 Resp: 431
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9





#10
Acenaphthylene
Concen: 0.026 ng/u1
RT: 14.379 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

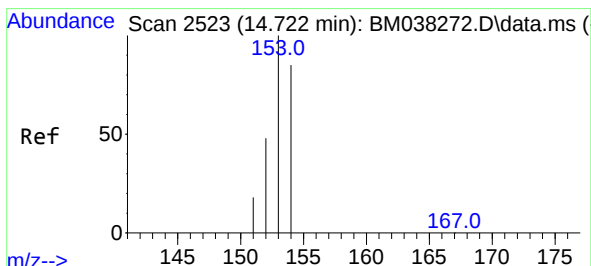
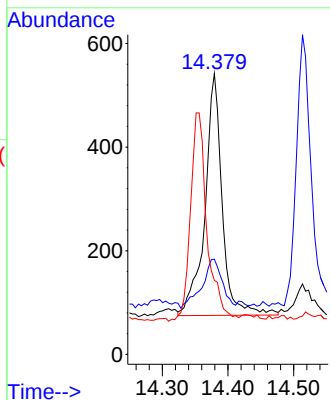
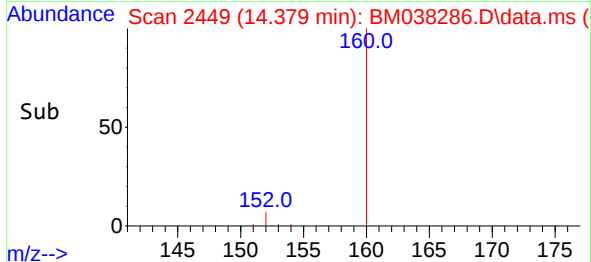
Instrument :
BNA_M
ClientSampleId :
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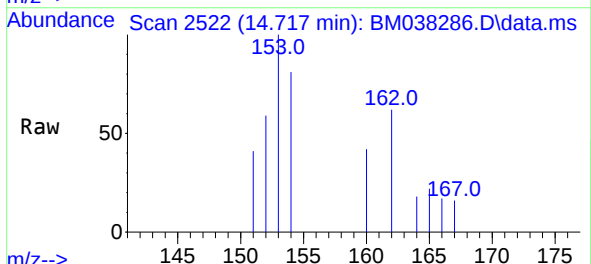
Tgt Ion:152 Resp: 854
Ion Ratio Lower Upper
152 100
151 33.9 16.2 24.2
153 26.4 10.7 16.1

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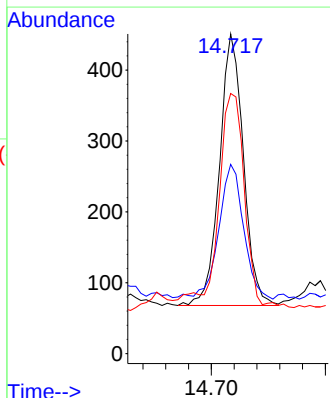
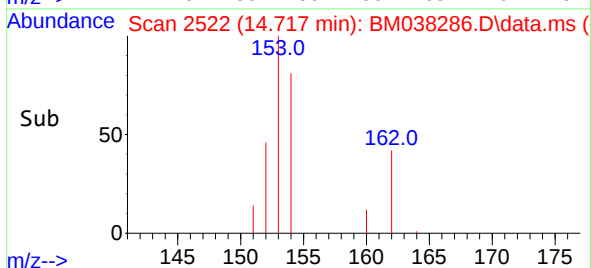
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

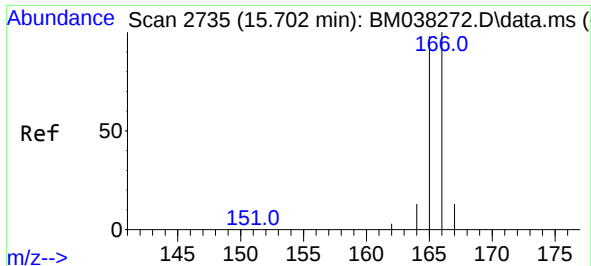


#11
Acenaphthene
Concen: 0.024 ng/u1
RT: 14.717 min Scan# 2522
Delta R.T. -0.004 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31



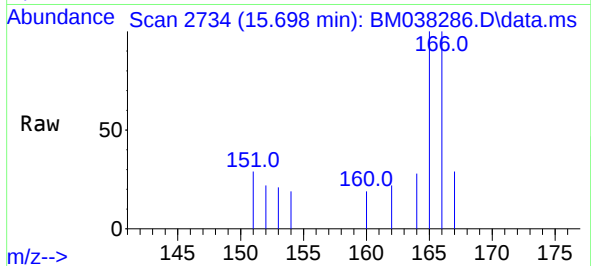
Tgt Ion:153 Resp: 557
Ion Ratio Lower Upper
153 100
152 59.2 39.4 59.0#
154 81.4 69.0 103.4





#12
Fluorene
Concen: 0.020 ng/uI
RT: 15.698 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

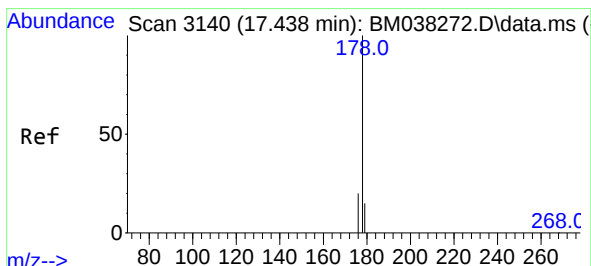
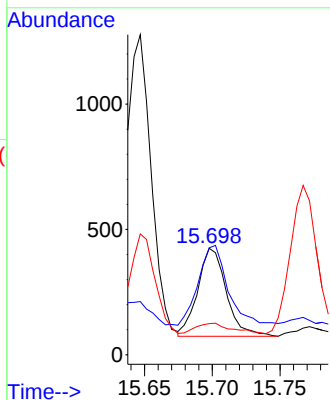
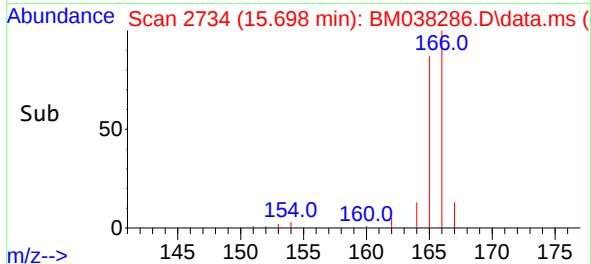
Instrument :
BNA_M
ClientSampleId :
DBYD4



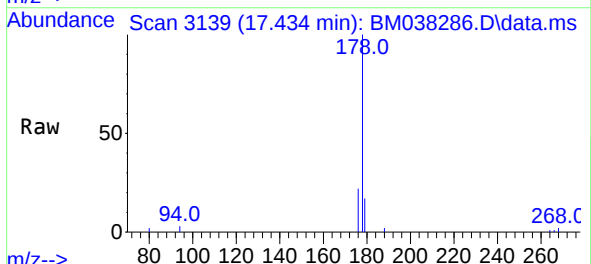
Tgt Ion:166 Resp: 51
Ion Ratio Lower Upper
166 100
165 100.5 79.0 118.6
167 29.2 11.0 16.6

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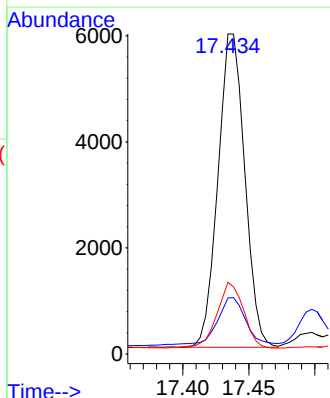
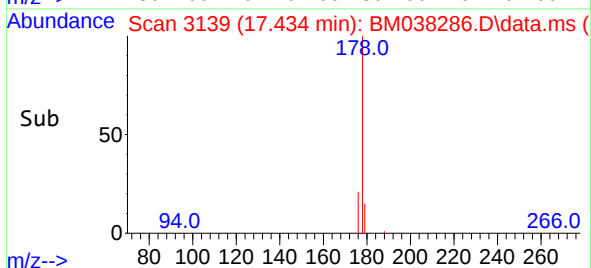
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

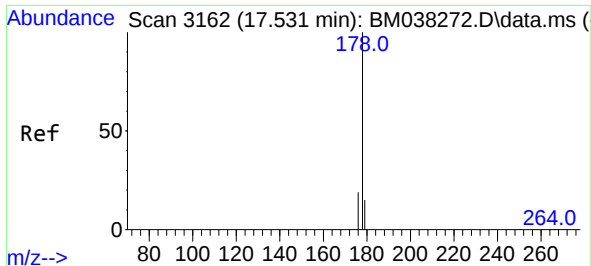


#15
Phenanthrene
Concen: 0.210 ng/uI
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31



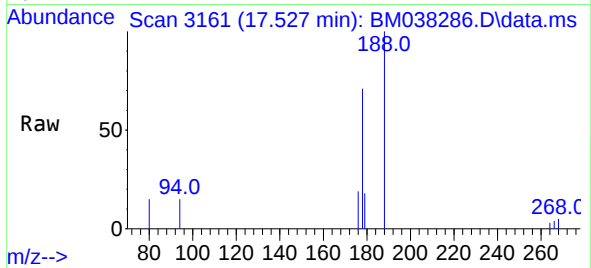
Tgt Ion:178 Resp: 8349
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.4
176 22.4 16.2 24.4





#16
 Anthracene
 Concen: 0.042 ng/ul
 RT: 17.527 min Scan# 3161
 Delta R.T. -0.004 min
 Lab File: BM038286.D
 Acq: 25 Dec 2022 00:31

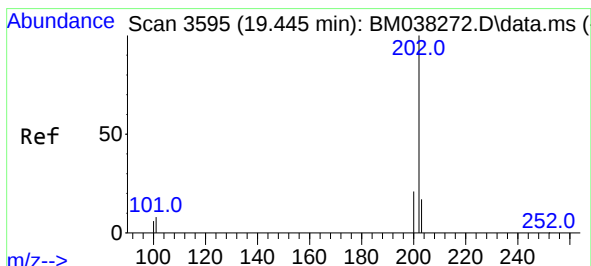
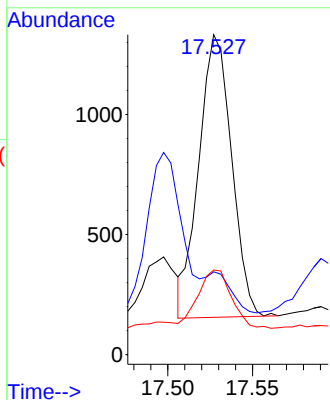
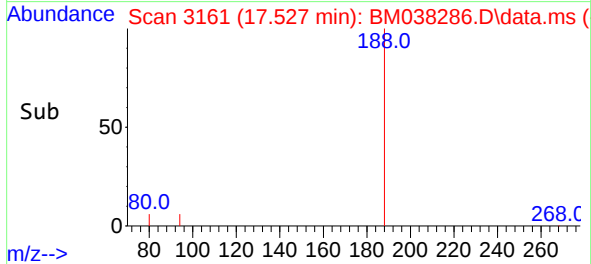
Instrument :
 BNA_M
 ClientSampleId :
 DBYD4



Tgt Ion:	178	Resp:	158
Ion	Ratio	Lower	Upper
178	100		
179	25.9	13.0	19.6
176	26.4	15.6	23.4

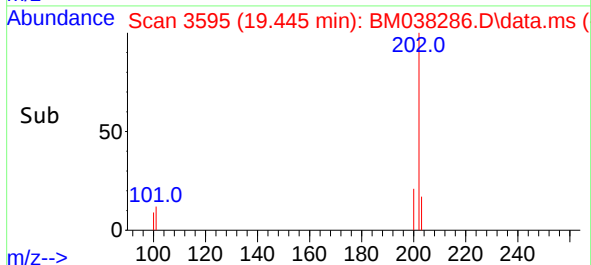
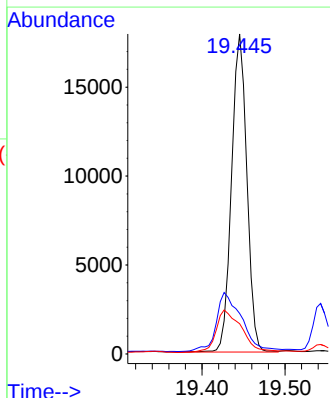
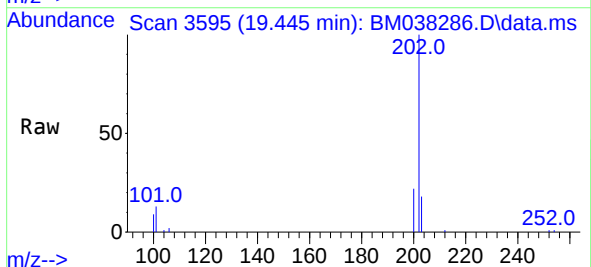
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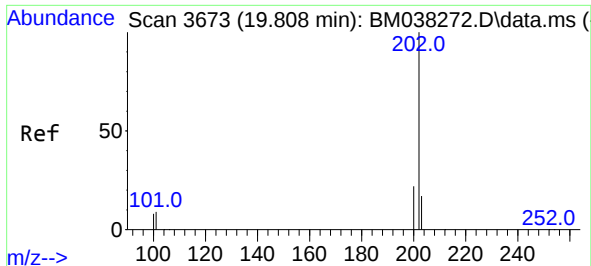
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022



#19
 Fluoranthene
 Concen: 0.483 ng/ul
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038286.D
 Acq: 25 Dec 2022 00:31

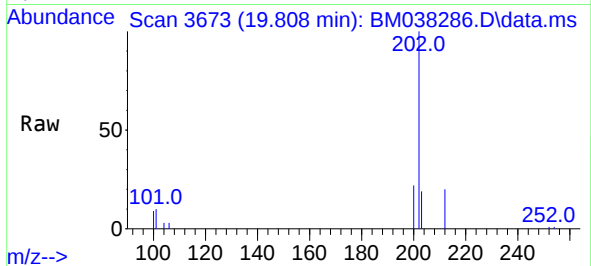
Tgt Ion:	202	Resp:	23030
Ion	Ratio	Lower	Upper
202	100		
101	12.7	7.5	11.3#
100	9.4	5.6	8.4#





#20
Pyrene
Concen: 0.403 ng/ul m
RT: 19.808 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

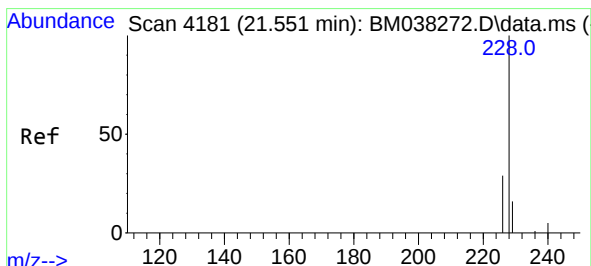
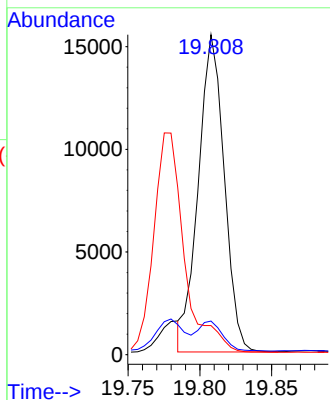
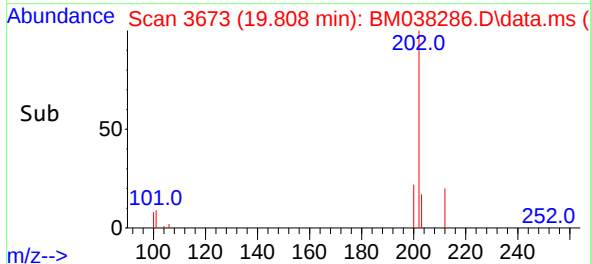
Instrument :
BNA_M
ClientSampleId :
DBYD4



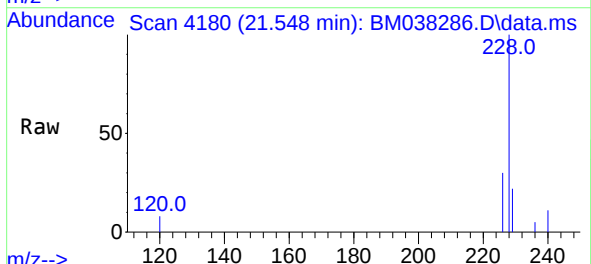
Tgt Ion:202 Resp: 19408
Ion Ratio Lower Upper
202 100
101 10.5 8.9 13.3
100 9.1 7.4 11.0

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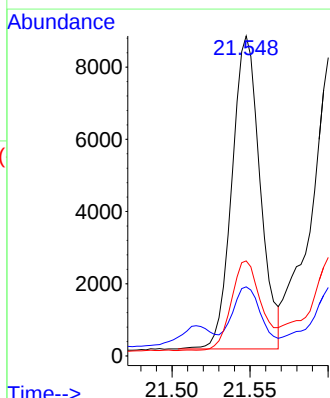
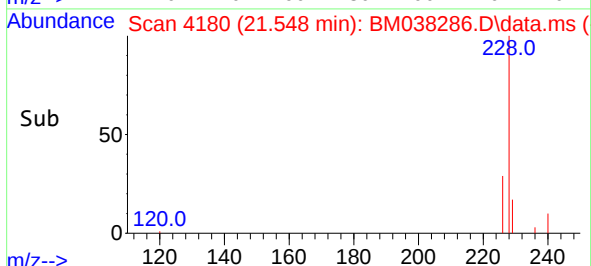
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

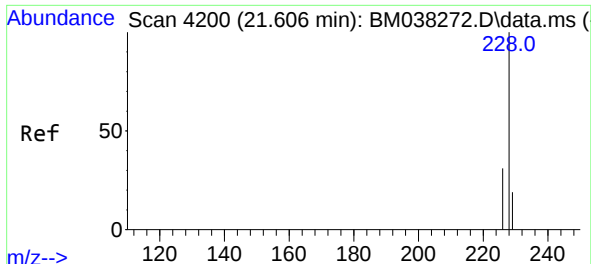


#21
Benzo(a)anthracene
Concen: 0.285 ng/ul
RT: 21.548 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31



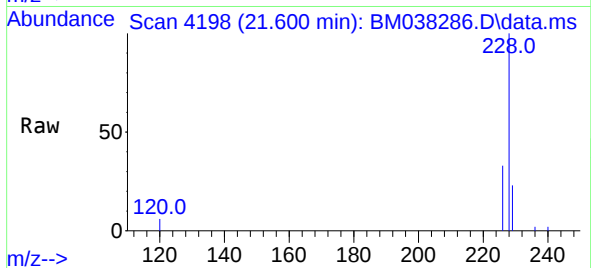
Tgt Ion:228 Resp: 10872
Ion Ratio Lower Upper
228 100
229 21.6 15.5 23.3
226 29.7 22.2 33.2





#22
Chrysene
Concen: 0.341 ng/ul
RT: 21.600 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

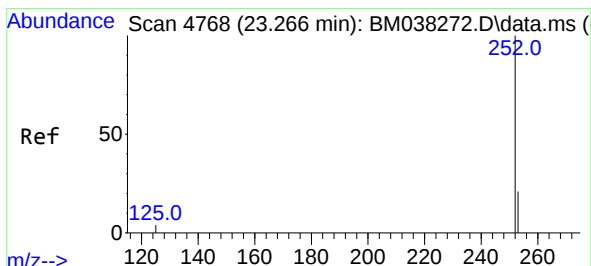
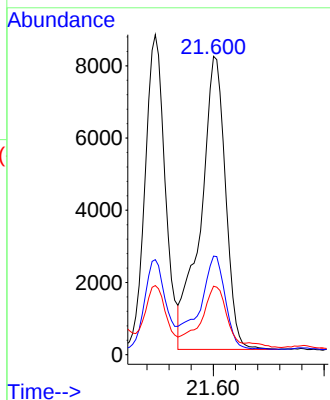
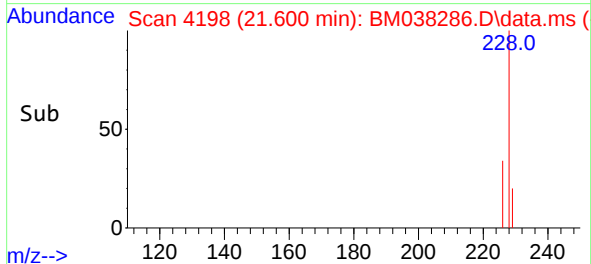
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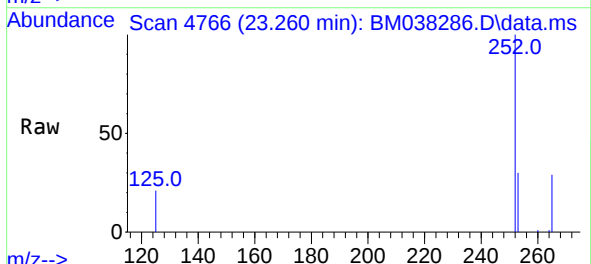
Tgt Ion:228 Resp: 1265
Ion Ratio Lower Upper
228 100
226 33.0 25.0 37.4
229 23.0 16.0 24.0

Manual Integrations
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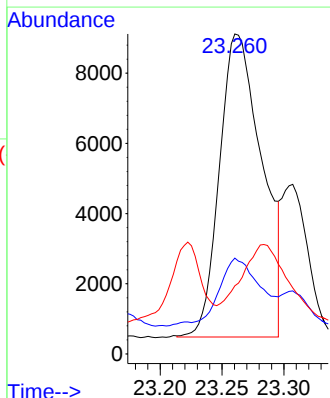
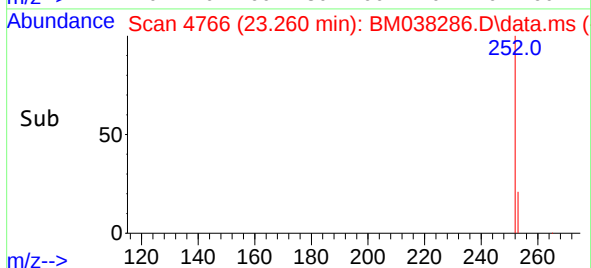
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Supervised By :Yogesh Patel 12/25/2022

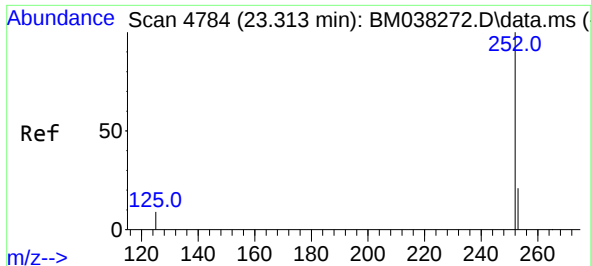


#24
Benzo(b)fluoranthene
Concen: 0.591 ng/ul m
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31



Tgt Ion:252 Resp: 20621
Ion Ratio Lower Upper
252 100
253 29.9 0.0 56.0
125 21.3 0.0 36.6





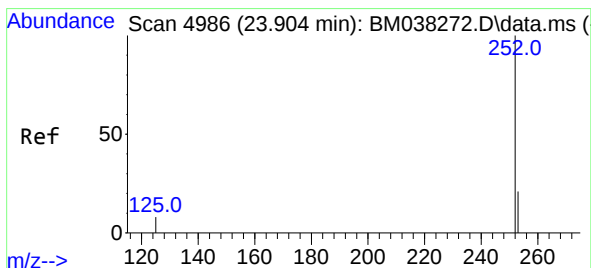
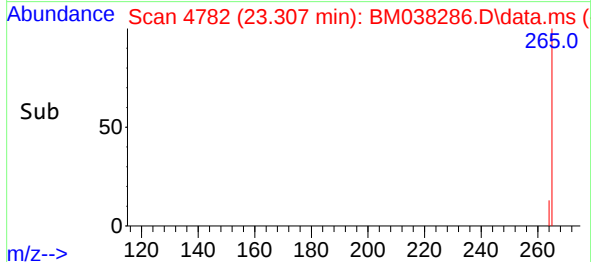
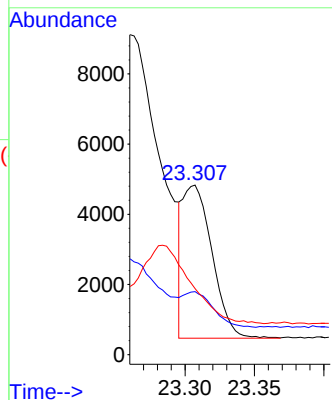
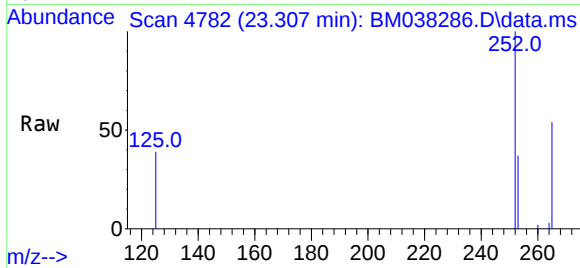
#25
Benzo(k)fluoranthene
Concen: 0.191 ng/ul m
RT: 23.307 min Scan# 4782
Delta R.T. -0.006 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

Instrument :
BNA_M
ClientSampleId :
DBYD4

Tgt Ion:252 Resp: 6394
Ion Ratio Lower Upper
252 100
253 37.1 22.5 33.7
125 39.0 14.4 21.6

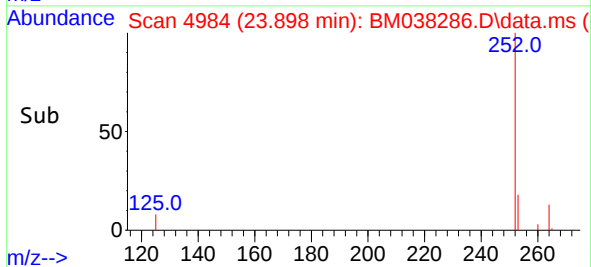
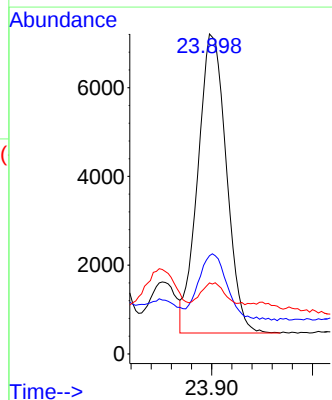
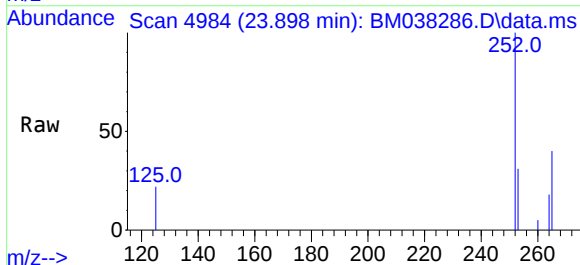
Manual Integrations
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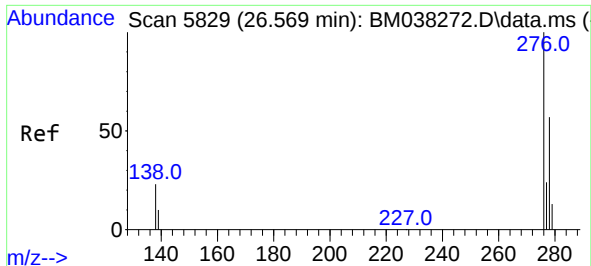
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#26
Benzo(a)pyrene
Concen: 0.434 ng/ul
RT: 23.898 min Scan# 4984
Delta R.T. -0.009 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

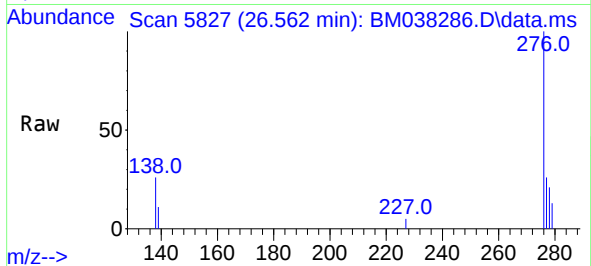
Tgt Ion:252 Resp: 13238
Ion Ratio Lower Upper
252 100
253 30.7 24.2 36.4
125 22.2 17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 26.562 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

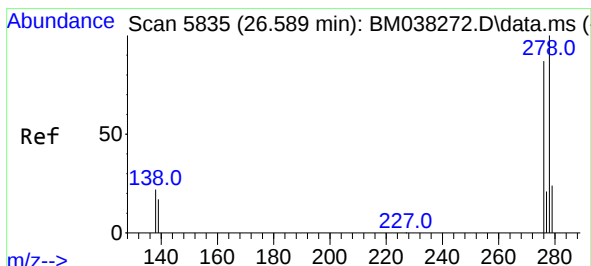
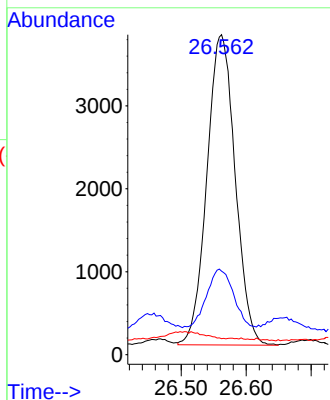
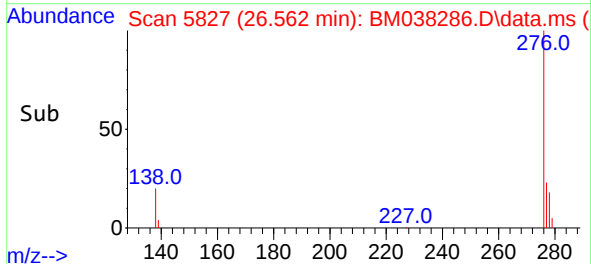
Instrument :
BNA_M
ClientSampleId :
DBYD4



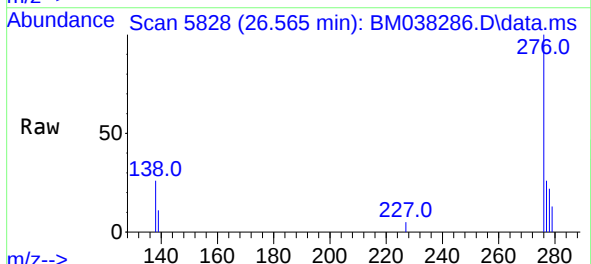
Tgt Ion:276 Resp: 11319
Ion Ratio Lower Upper
276 100
138 21.0 21.7 32.5#
227 0.0 0.0 0.0

Manual Integrations
APPROVED

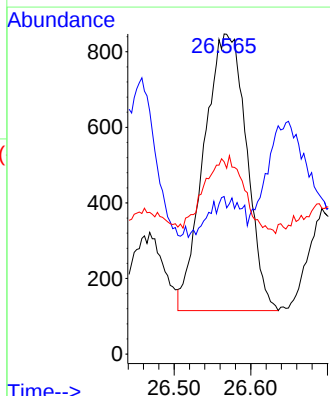
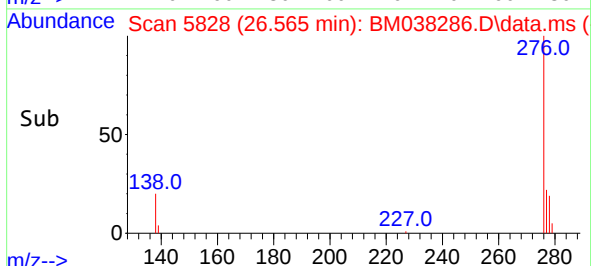
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

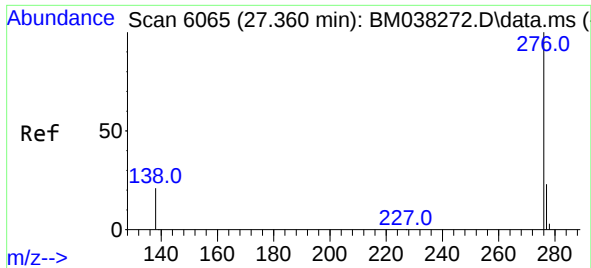


#28
Dibenzo(a,h)anthracene
Concen: 0.086 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. -0.023 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31



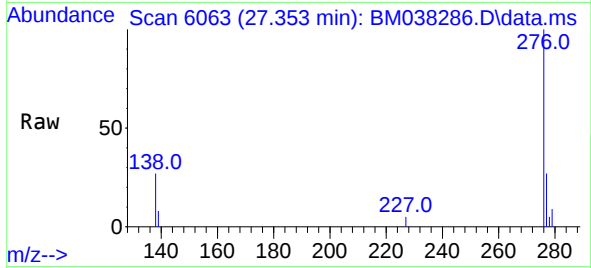
Tgt Ion:278 Resp: 2820
Ion Ratio Lower Upper
278 100
139 49.2 16.8 25.2#
279 60.1 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.336 ng/ul
RT: 27.353 min Scan# 6063
Delta R.T. -0.007 min
Lab File: BM038286.D
Acq: 25 Dec 2022 00:31

Instrument :
BNA_M
ClientSampleId :
DBYD4



Tgt Ion:276 Resp: 1196
Ion Ratio Lower Upper
276 100
138 26.8 20.8 31.2
277 26.7 20.5 30.7

Manual Integrations
APPROVED

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

