

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038265.D
 Acq On : 24 Dec 2022 11:20
 Operator : CG/JU
 Sample : N6015-22
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYA5

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 02:55:21 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	3890	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	11593	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6832	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	13146	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	8381	0.400	ng/ul	0.00
23) Perylene-d12	24.018	264	8420	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	29970	7.574	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	8682	0.509	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	15499	0.493	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.895	128	1533	0.045	ng/ul#	85
7) 2-Methylnaphthalene	12.495	142	740	0.035	ng/ul	99
8) 1-Methylnaphthalene	12.715	142	485	0.022	ng/ul	98
10) Acenaphthylene	14.384	152	2867	0.076	ng/ul#	90
14) Pentachlorophenol	17.050	266	219	0.033	ng/ul	91
15) Phenanthrene	17.438	178	8013	0.182	ng/ul	97
16) Anthracene	17.531	178	2518	0.060	ng/ul#	87
19) Fluoranthene	19.450	202	22784	0.496	ng/ul	97
20) Pyrene	19.812	202	19891m	0.429	ng/ul	
21) Benzo(a)anthracene	21.553	228	11208	0.305	ng/ul	95
22) Chrysene	21.606	228	12880	0.360	ng/ul	95
24) Benzo(b)fluoranthene	23.269	252	21148	0.567	ng/ul	95
25) Benzo(k)fluoranthene	23.313	252	5937m	0.166	ng/ul	
26) Benzo(a)pyrene	23.906	252	13385	0.412	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.569	276	11953	0.265	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.579	278	2943	0.084	ng/ul#	41
29) Benzo(g,h,i)perylene	27.367	276	12869	0.339	ng/ul	97

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

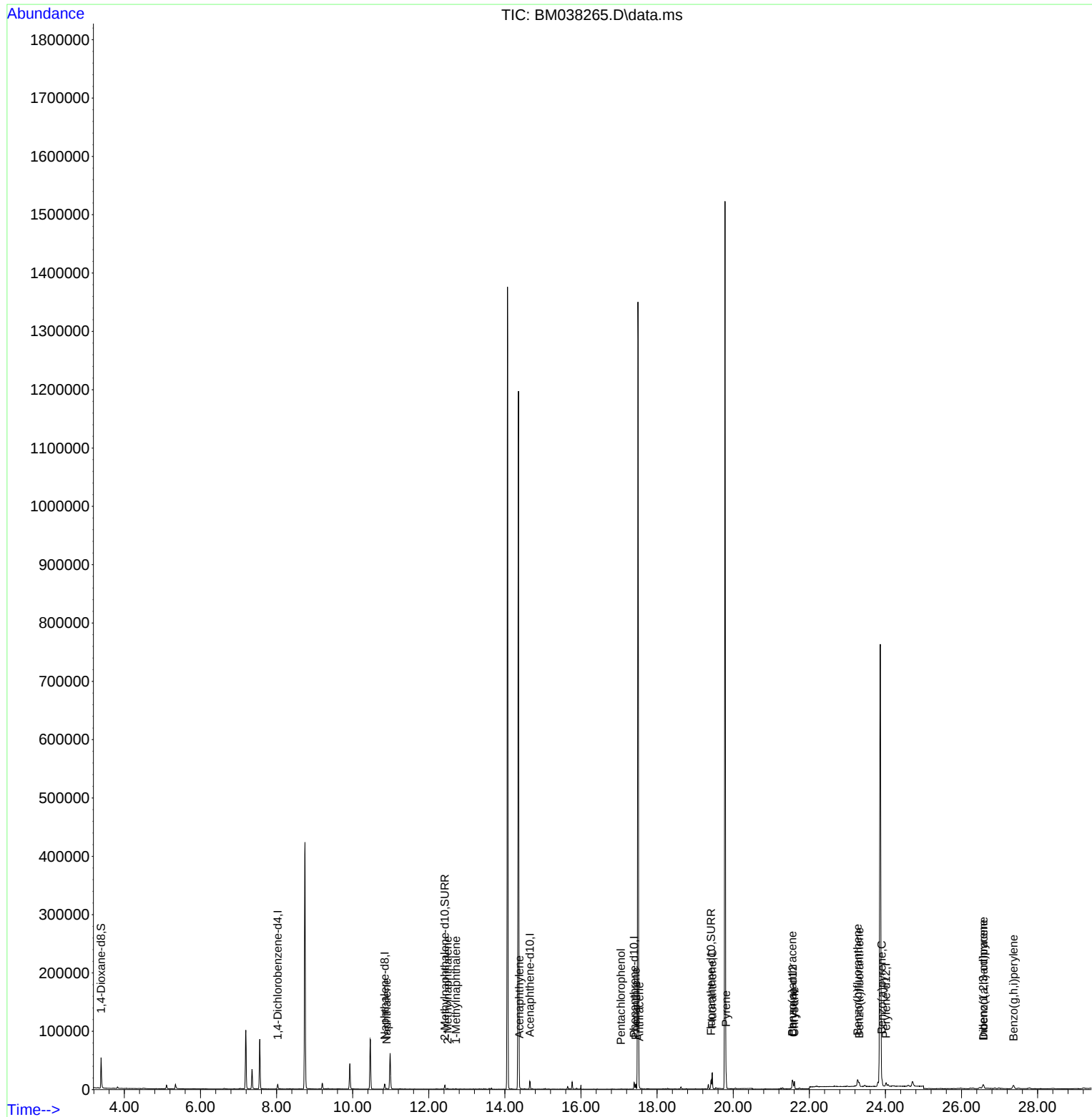
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Data File : BM038265.D
Acq On : 24 Dec 2022 11:20
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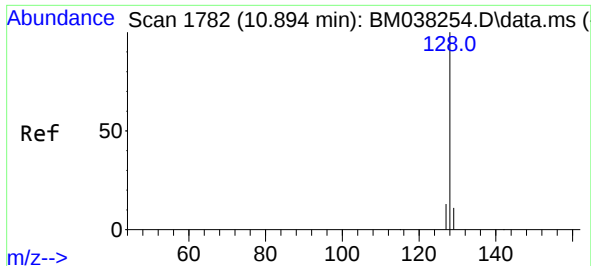
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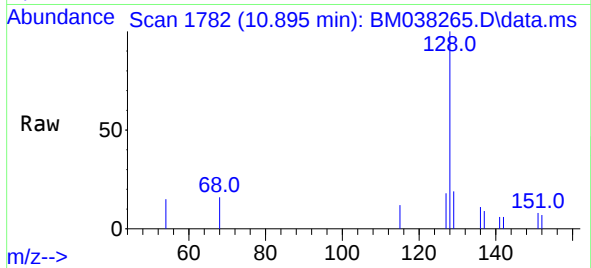
Quant Time: Dec 25 02:55:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.045 ng/ul
RT: 10.895 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20

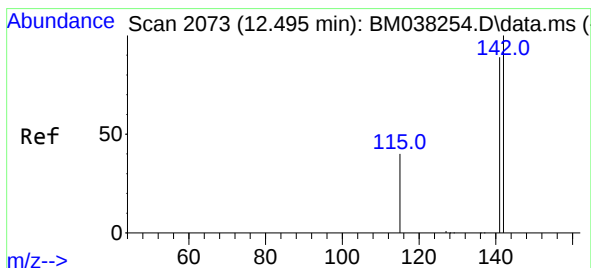
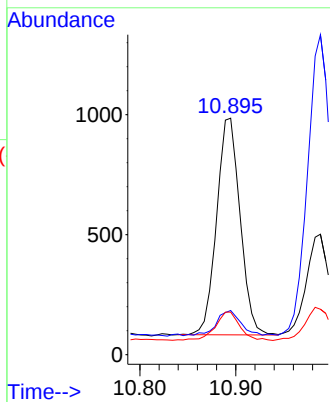
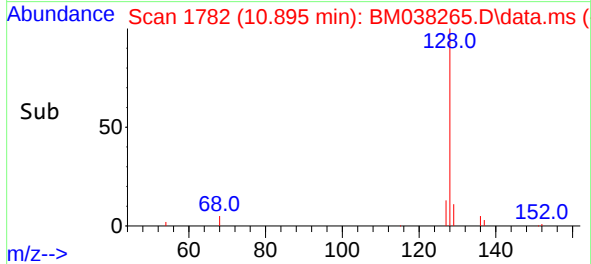
Instrument :
BNA_M
ClientSampleId :
DBYA5



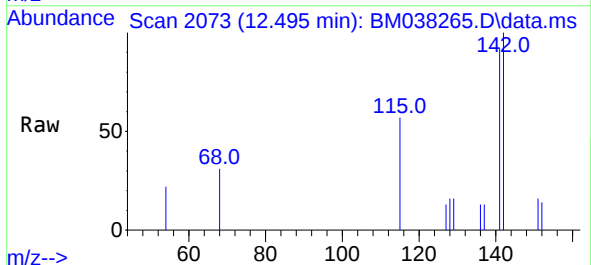
Tgt Ion:128 Resp: 153
Ion Ratio Lower Upper
128 100
129 18.7 9.4 14.0
127 18.0 10.7 16.1

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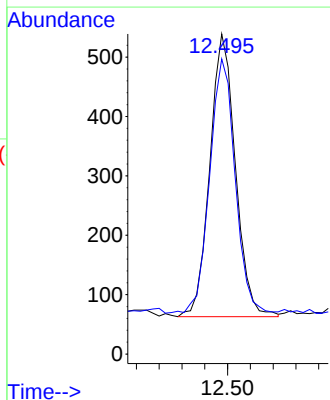
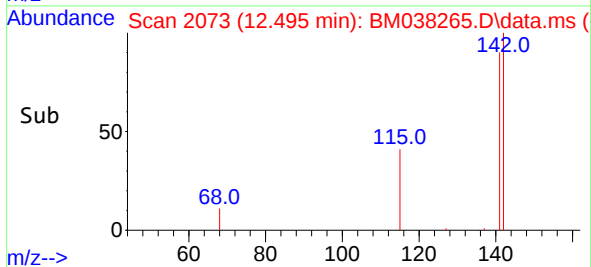
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

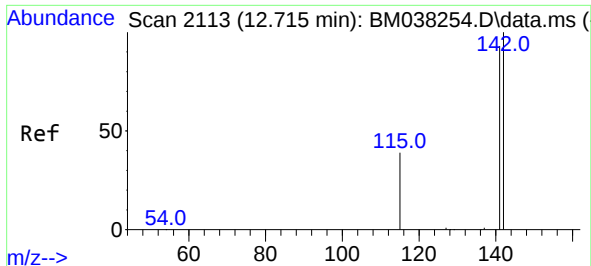


#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20



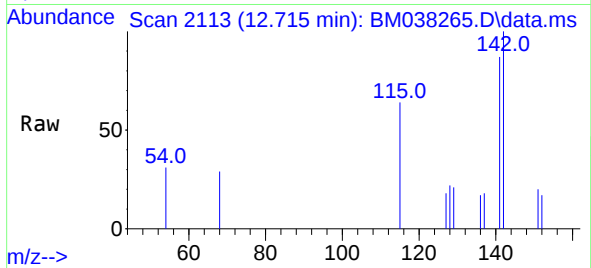
Tgt Ion:142 Resp: 740
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.715 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20

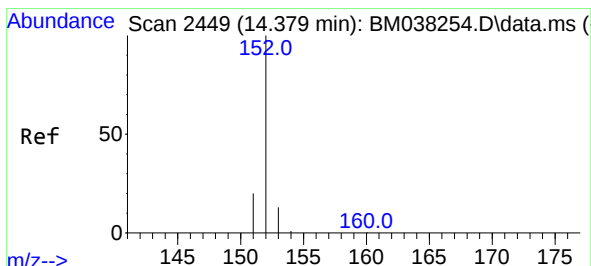
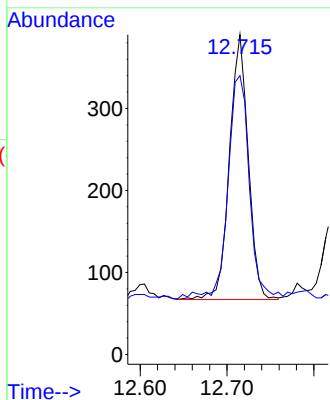
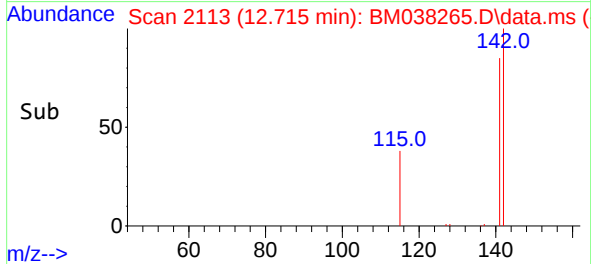
Instrument :
BNA_M
ClientSampleId :
DBYA5



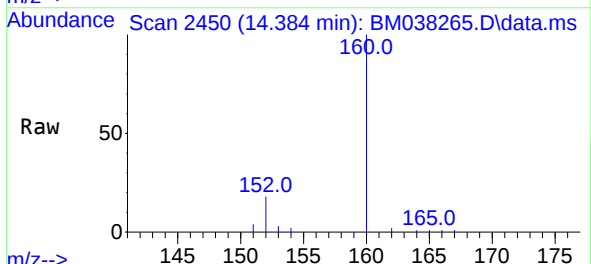
Tgt Ion:142 Resp: 485
Ion Ratio Lower Upper
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141 91.5 74.7 112.1

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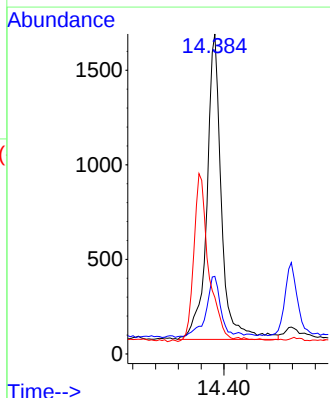
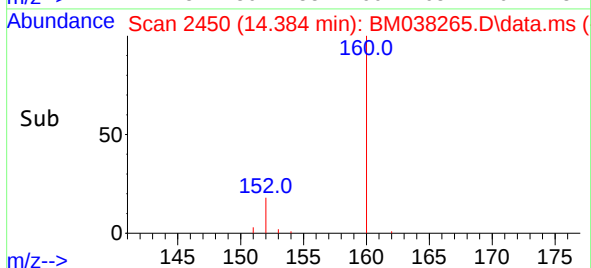
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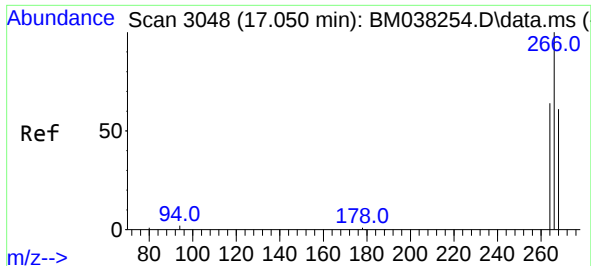


#10
Acenaphthylene
Concen: 0.076 ng/ul
RT: 14.384 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20



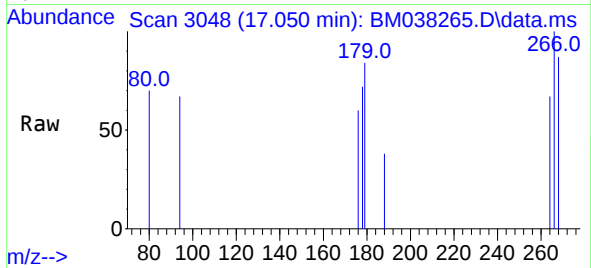
Tgt Ion:152 Resp: 2867
Ion Ratio Lower Upper
152 100
151 24.2 16.2 24.2
153 17.7 10.7 16.1#





#14
Pentachlorophenol
Concen: 0.033 ng/u1
RT: 17.050 min Scan# 3048
Delta R.T. 0.000 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20

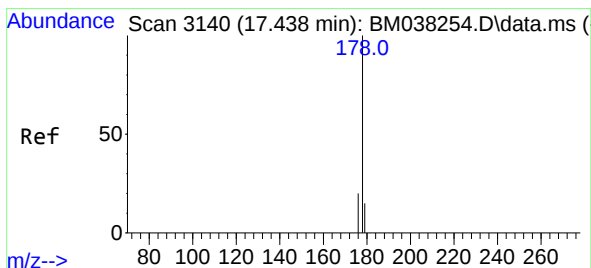
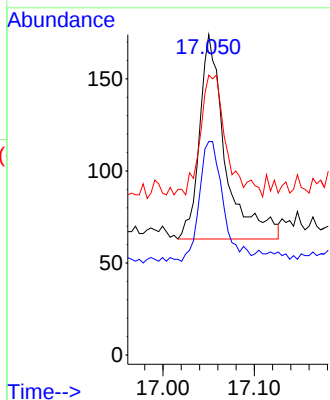
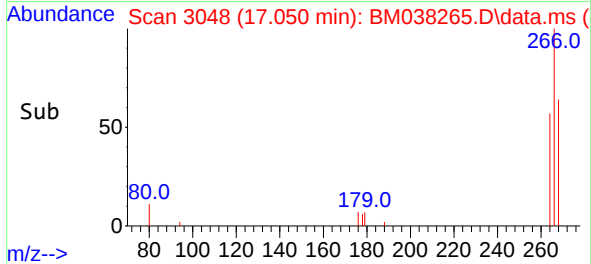
Instrument :
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ClientSampleId :
DBYA5



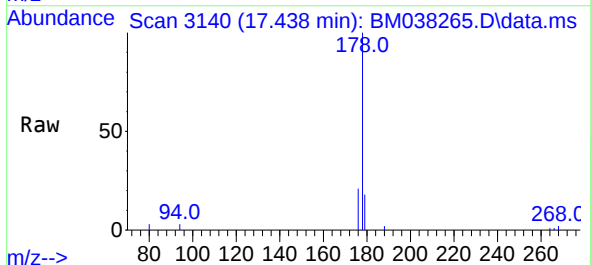
Tgt Ion:266 Resp: 219
Ion Ratio Lower Upper
266 100
264 53.9 49.9 74.9
268 58.9 51.2 76.8

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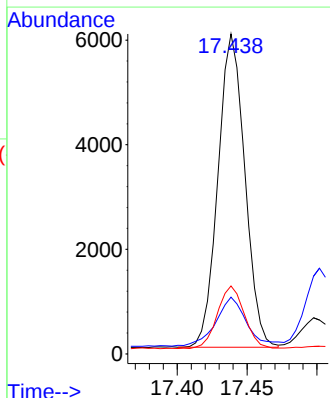
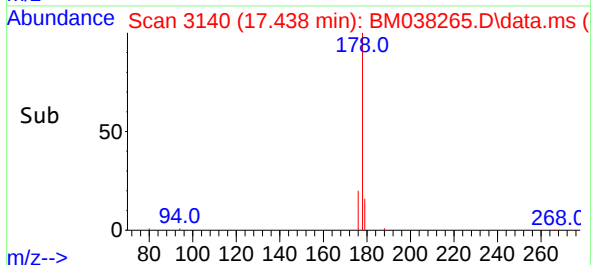
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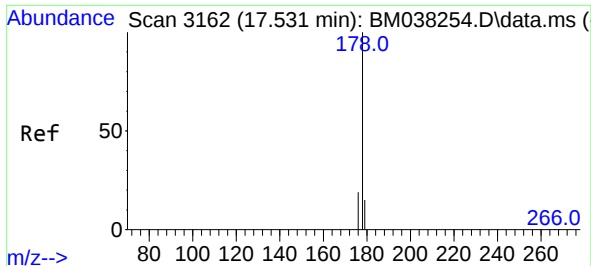


#15
Phenanthrene
Concen: 0.182 ng/u1
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20



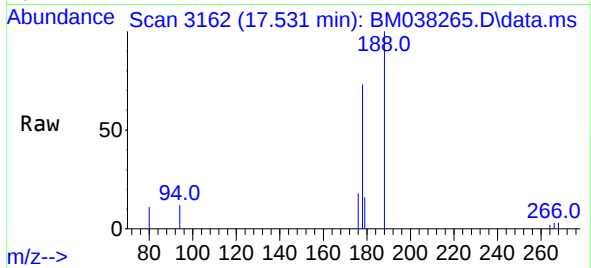
Tgt Ion:178 Resp: 8013
Ion Ratio Lower Upper
178 100
179 17.8 13.0 19.4
176 21.2 16.2 24.4





#16
 Anthracene
 Concen: 0.060 ng/u1
 RT: 17.531 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: BM038265.D
 Acq: 24 Dec 2022 11:20

Instrument :
 BNA_M
 ClientSampleId :
 DBYA5

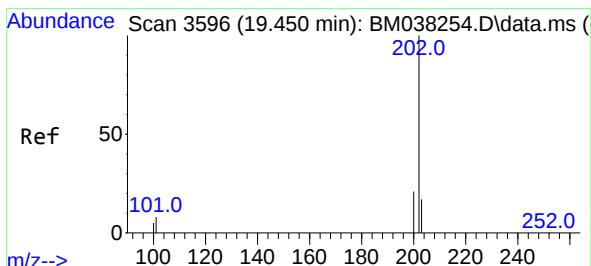
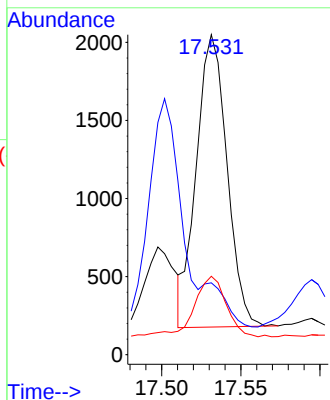
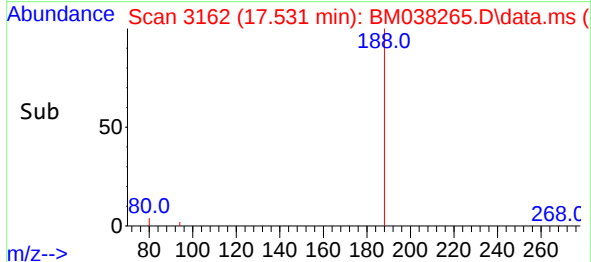


Tgt Ion:178 Resp: 2518

Ion	Ratio	Lower	Upper
178	100		
179	22.4	13.0	19.6
176	24.5	15.6	23.4

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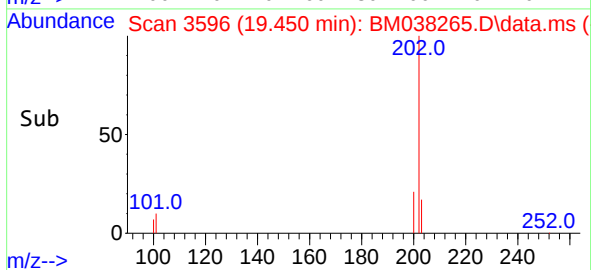
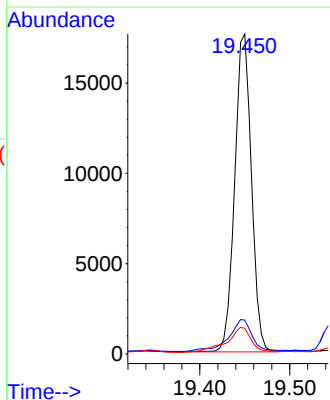
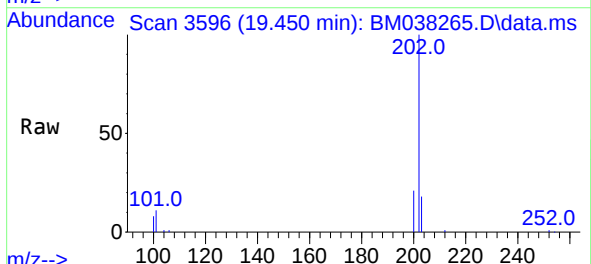
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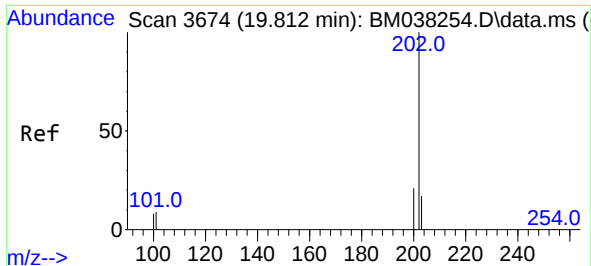


#19
 Fluoranthene
 Concen: 0.496 ng/u1
 RT: 19.450 min Scan# 3596
 Delta R.T. 0.000 min
 Lab File: BM038265.D
 Acq: 24 Dec 2022 11:20

Tgt Ion:202 Resp: 22784

Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.5	11.3
100	8.0	5.6	8.4





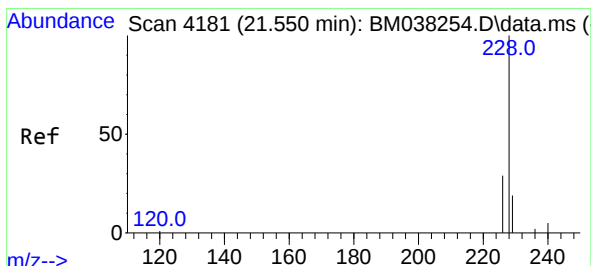
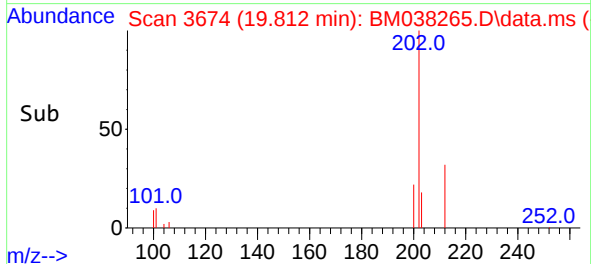
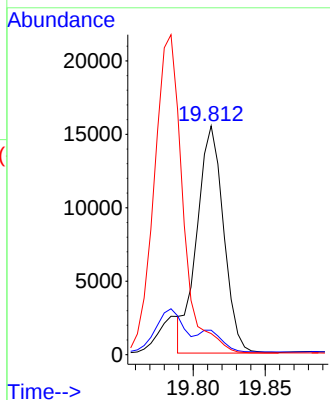
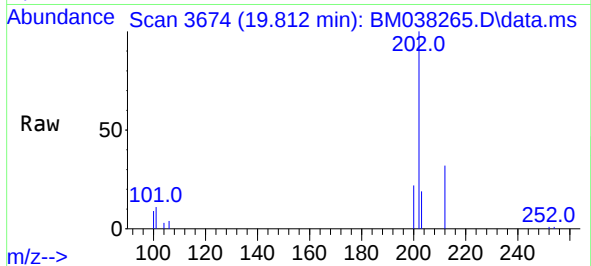
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Pyrene
Concen: 0.429 ng/ul m
RT: 19.812 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20

Instrument :
BNA_M
ClientSampleId :
DBYA5

Tgt Ion:202 Resp: 1989
Ion Ratio Lower Upper
202 100
101 10.7 8.9 13.3
100 9.2 7.4 11.0

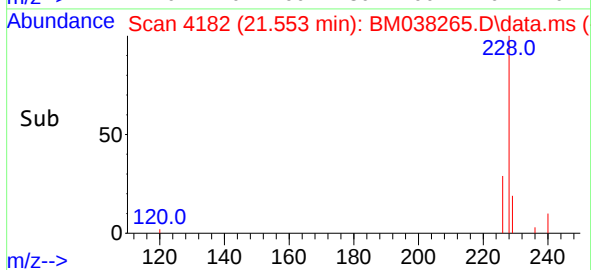
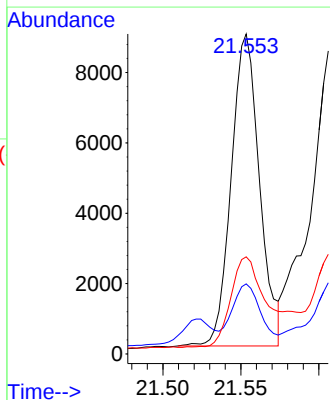
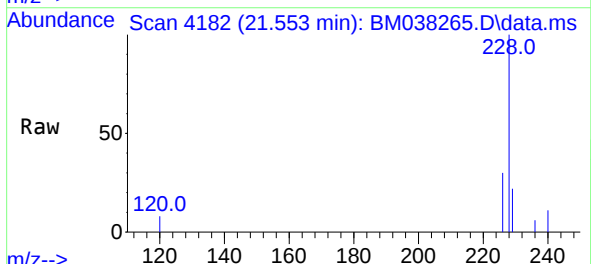
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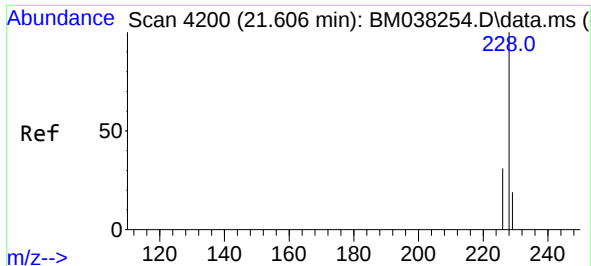
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#21
Benzo(a)anthracene
Concen: 0.305 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. 0.003 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20

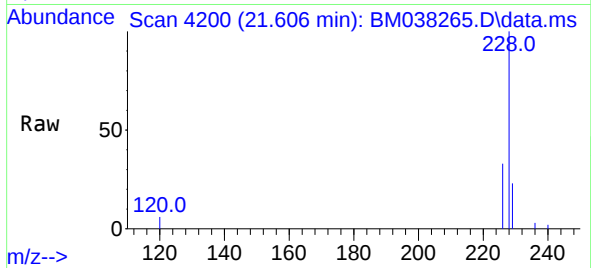
Tgt Ion:228 Resp: 11208
Ion Ratio Lower Upper
228 100
229 21.9 15.5 23.3
226 30.4 22.2 33.2





#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.606 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20

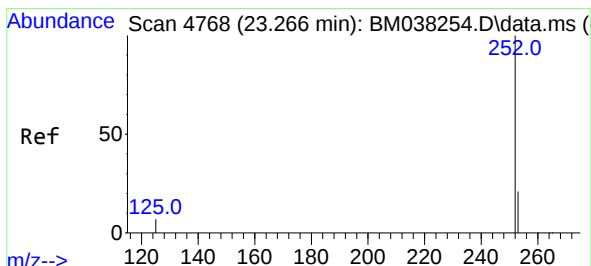
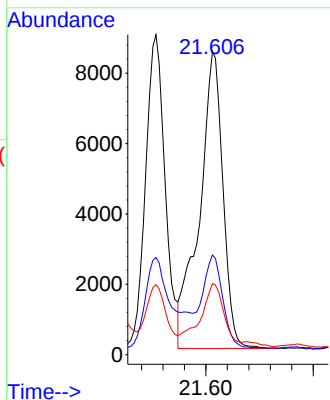
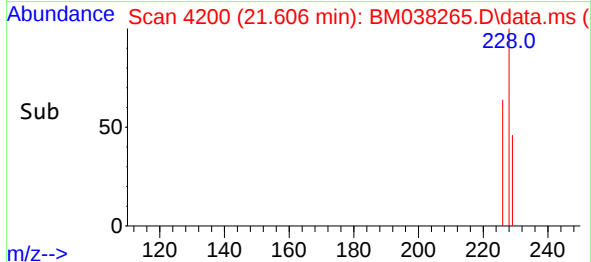
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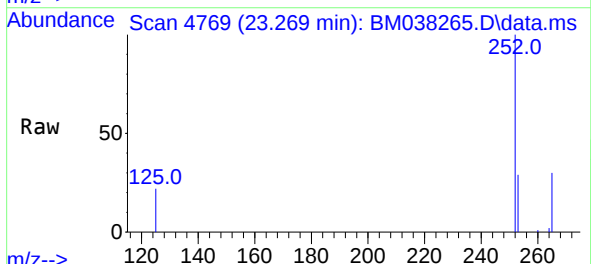
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Ion Ratio Lower Upper
228 100
226 32.9 25.0 37.4
229 23.5 16.0 24.0

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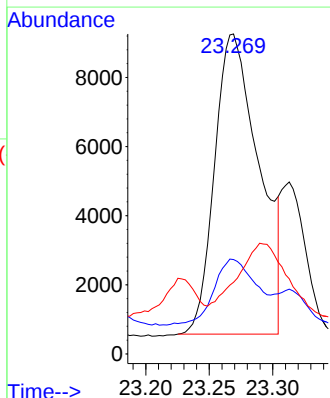
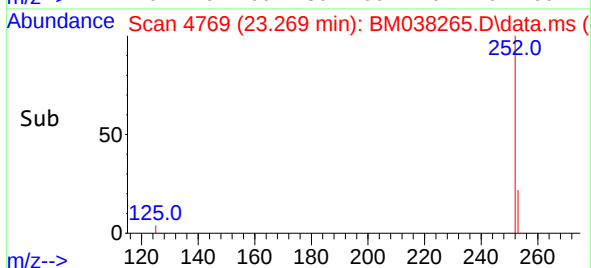
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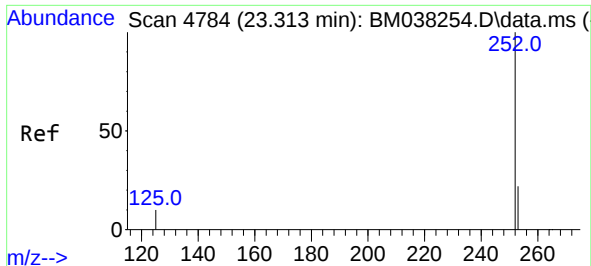


#24
Benzo(b)fluoranthene
Concen: 0.567 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. 0.003 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20



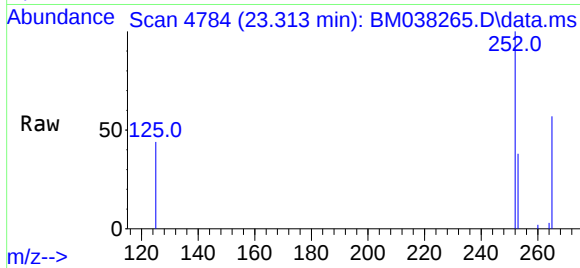
Tgt Ion:252 Resp: 21148
Ion Ratio Lower Upper
252 100
253 29.5 0.0 56.0
125 22.4 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.166 ng/ul m
RT: 23.313 min Scan# 4784
Delta R.T. 0.000 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20

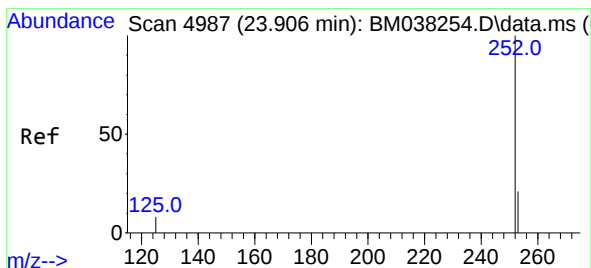
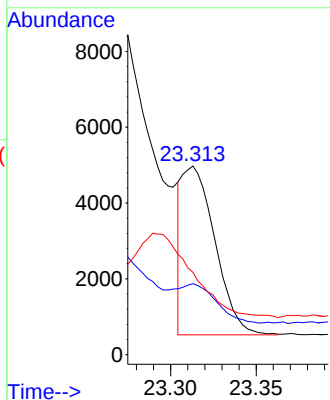
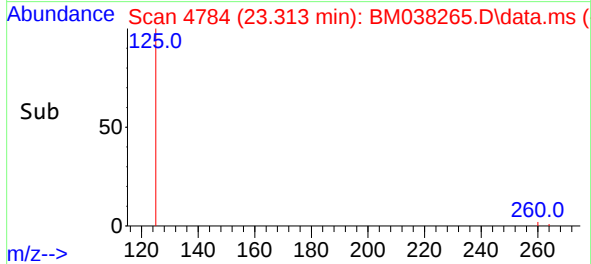
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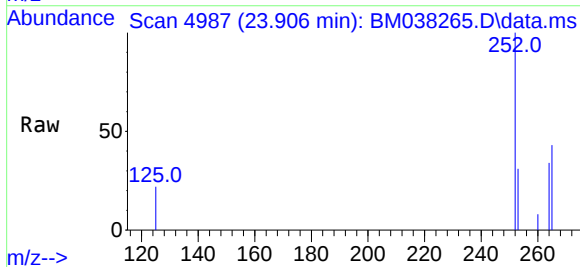
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Ion Ratio Lower Upper
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253 37.6 22.5 33.7
125 43.7 14.4 21.6

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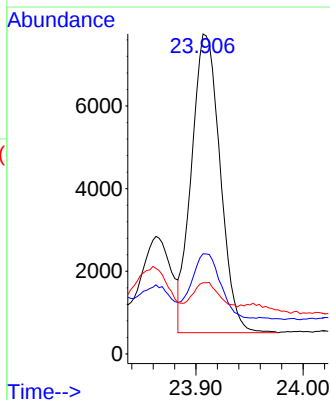
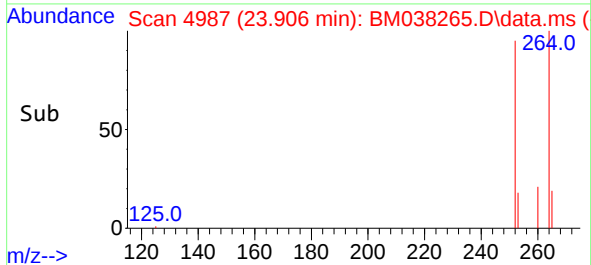
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

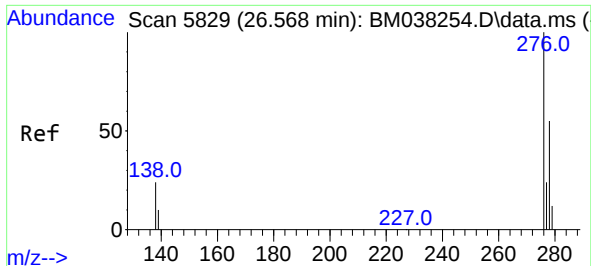


#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.906 min Scan# 4987
Delta R.T. 0.000 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20



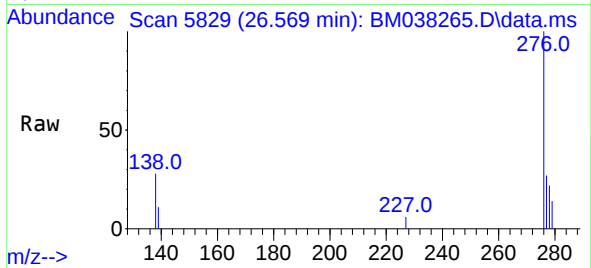
Tgt Ion:252 Resp: 13385
Ion Ratio Lower Upper
252 100
253 31.3 24.2 36.4
125 22.3 17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.265 ng/ul
RT: 26.569 min Scan# 5829
Delta R.T. 0.000 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20

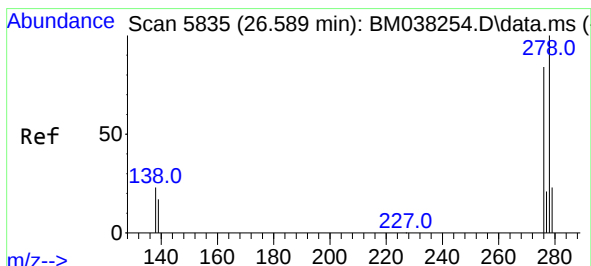
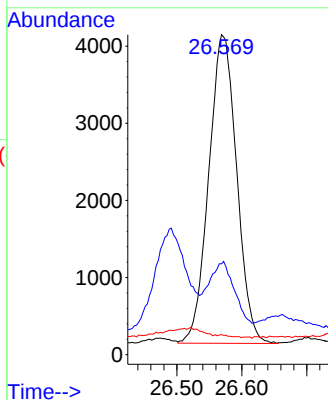
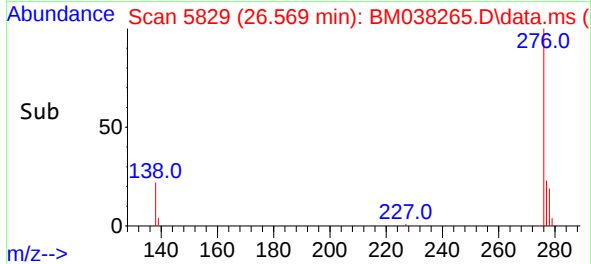
Instrument :
BNA_M
ClientSampleId :
DBYA5



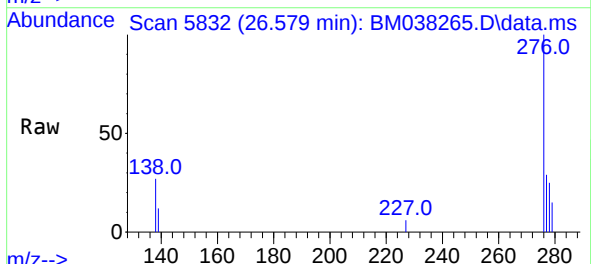
Tgt Ion: 276 Resp: 1195
Ion Ratio Lower Upper
276 100
138 19.2 21.7 32.5
227 0.0 0.0 0.0

Manual Integrations
APPROVED

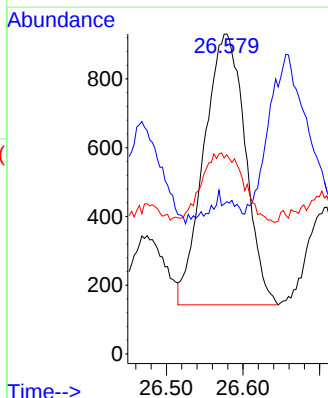
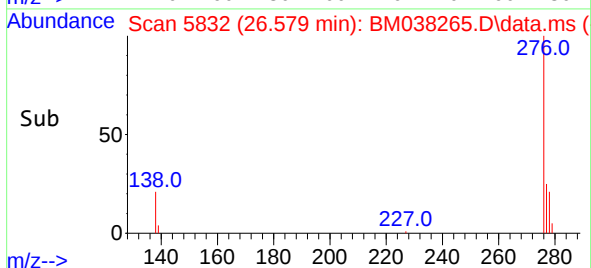
Reviewed By : Jagrut Upadhyay 12/25/2022
Supervised By : Yogesh Patel 12/25/2022

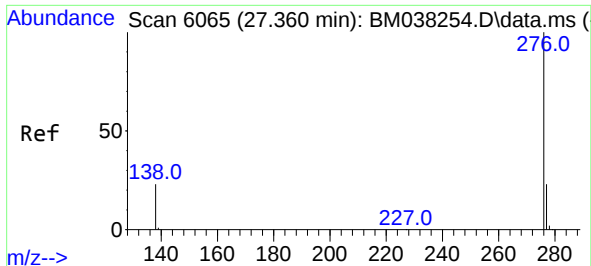


#28
Dibenzo(a,h)anthracene
Concen: 0.084 ng/ul
RT: 26.579 min Scan# 5832
Delta R.T. -0.010 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20



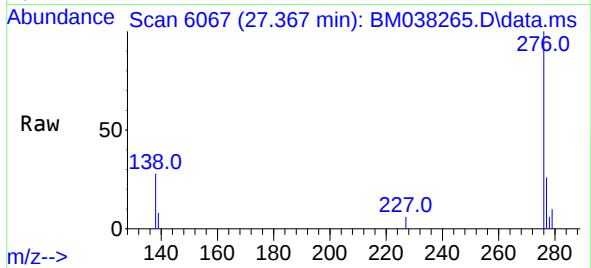
Tgt Ion: 278 Resp: 2943
Ion Ratio Lower Upper
278 100
139 47.6 16.8 25.2#
279 62.2 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 27.367 min Scan# 6065
Delta R.T. 0.007 min
Lab File: BM038265.D
Acq: 24 Dec 2022 11:20

Instrument :
BNA_M
ClientSampleId :
DBYA5



Tgt Ion:276 Resp: 12869
Ion Ratio Lower Upper
276 100
138 27.9 20.8 31.2
277 26.3 20.5 30.7

Manual Integrations
APPROVED

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

