

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038257.D
 Acq On : 24 Dec 2022 06:33
 Operator : CG/JU
 Sample : N6015-10DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXU7DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 02:54:04 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	4256	0.400	ng/ul	0.00
4) Naphthalene-d8	10.841	136	12476	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.658	164	6921	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.397	188	13427	0.400	ng/ul	0.00
17) Chrysene-d12	21.569	240	8437	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	8724	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.394	96	4940	1.141	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.425	152	1343	0.073	ng/ul	0.00
18) Fluoranthene-d10	19.419	212	2398	0.076	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.891	128	4394	0.120	ng/ul	96
7) 2-Methylnaphthalene	12.496	142	908	0.040	ng/ul	98
10) Acenaphthylene	14.380	152	3520	0.092	ng/ul	93
15) Phenanthrene	17.439	178	8355	0.186	ng/ul	98
16) Anthracene	17.528	178	2865	0.066	ng/ul#	90
19) Fluoranthene	19.446	202	22175	0.480	ng/ul	99
20) Pyrene	19.809	202	18285m	0.391	ng/ul	
21) Benzo(a)anthracene	21.552	228	11621	0.314	ng/ul	95
22) Chrysene	21.607	228	11948	0.332	ng/ul	97
24) Benzo(b)fluoranthene	23.264	252	19268	0.499	ng/ul	98
25) Benzo(k)fluoranthene	23.311	252	6660m	0.180	ng/ul	
26) Benzo(a)pyrene	23.905	252	12315	0.365	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.567	276	10128	0.217	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.574	278	2524	0.070	ng/ul#	47
29) Benzo(g,h,i)perylene	27.358	276	9894	0.252	ng/ul	97

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

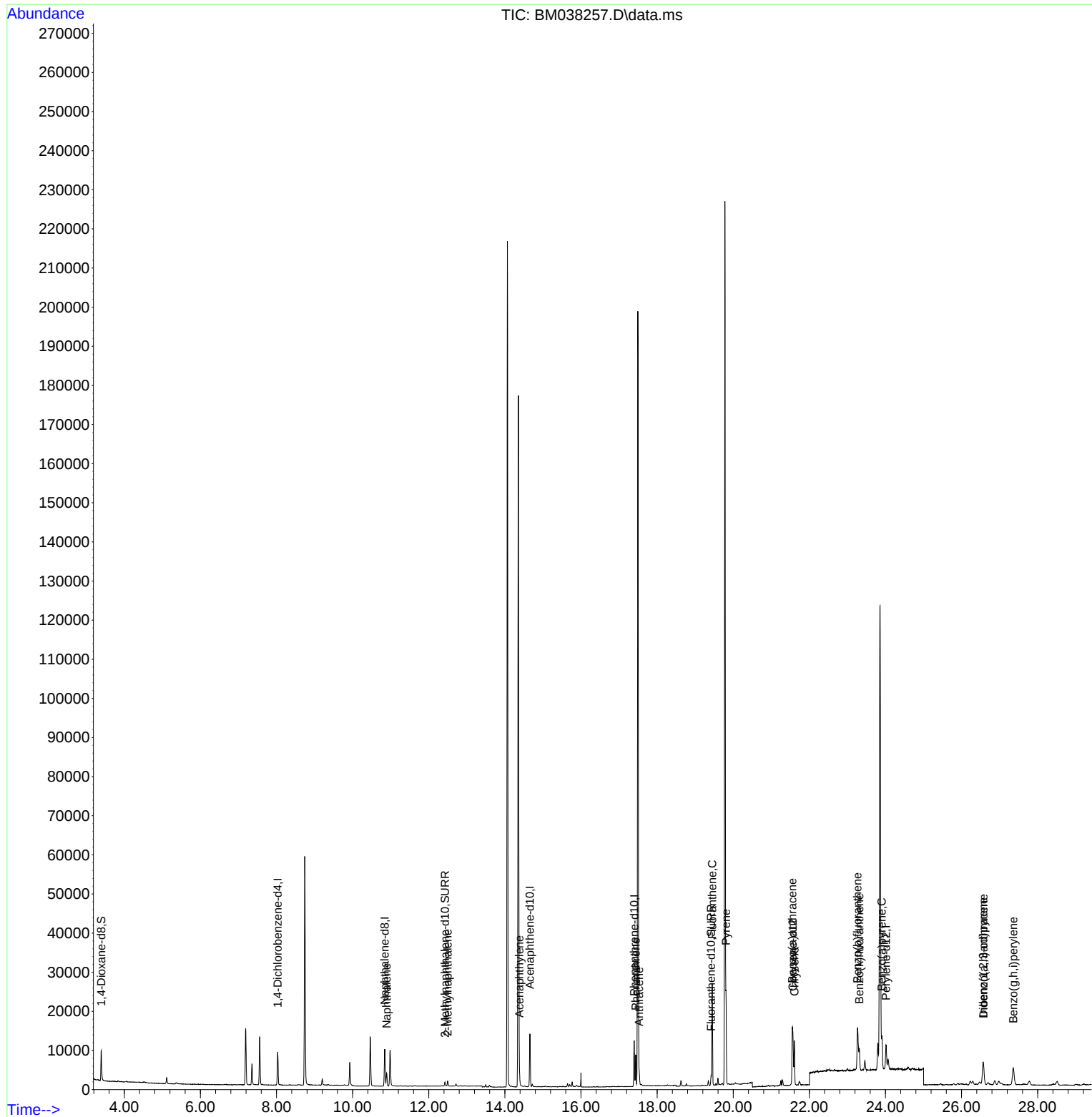
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038257.D
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ALS Vial : 65 Sample Multiplier: 1

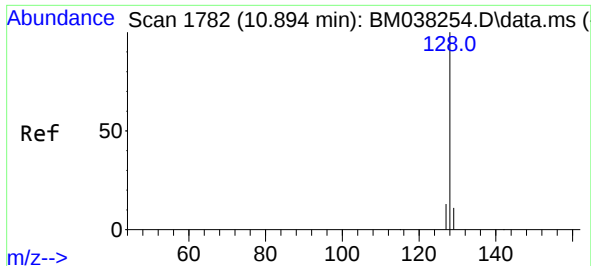
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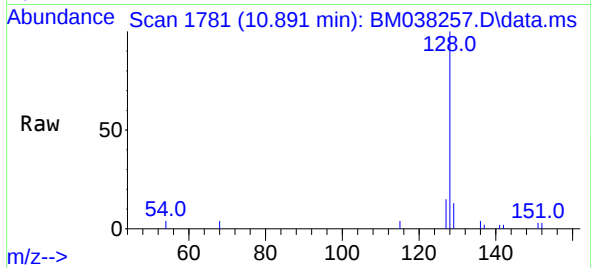
Quant Time: Dec 25 02:54:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
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#5
Naphthalene
Concen: 0.120 ng/ul
RT: 10.891 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33

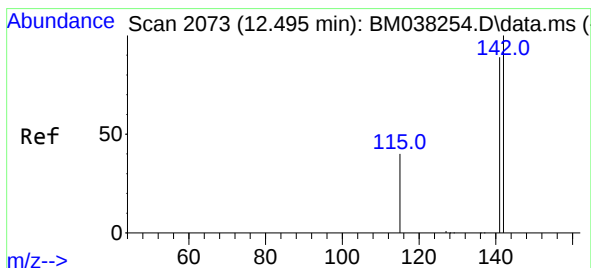
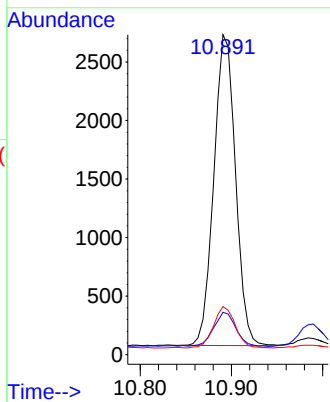
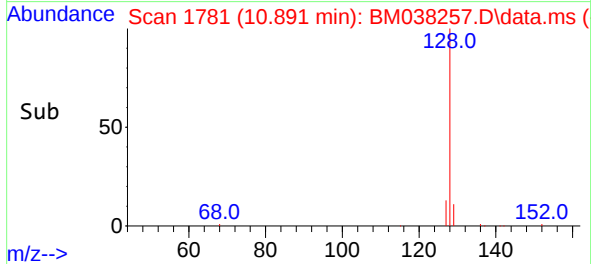
Instrument :
BNA_M
ClientSampleId :
DBXU7DL



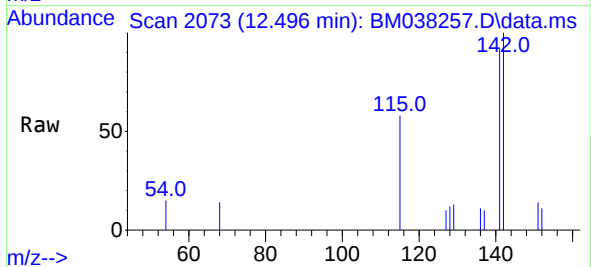
Tgt Ion:128 Resp: 4394
Ion Ratio Lower Upper
128 100
129 13.2 9.4 14.0
127 15.0 10.7 16.1

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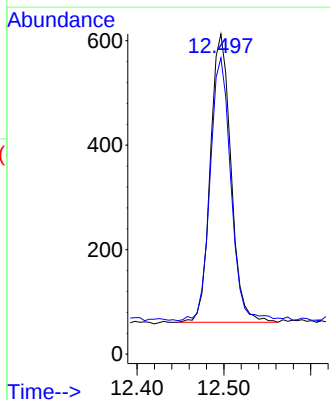
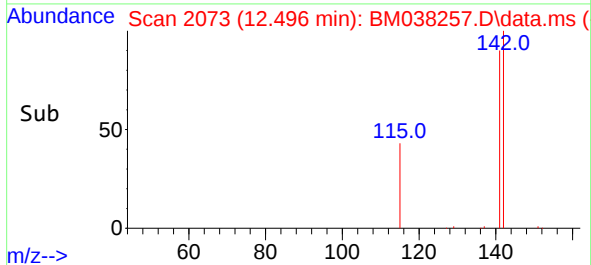
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

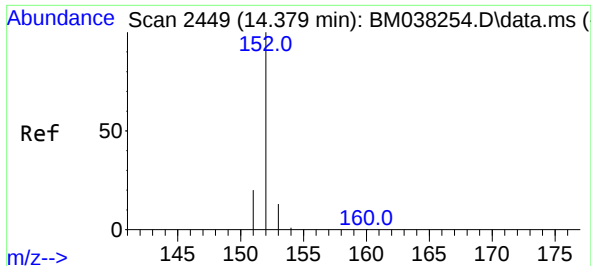


#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.496 min Scan# 2073
Delta R.T. 0.002 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33



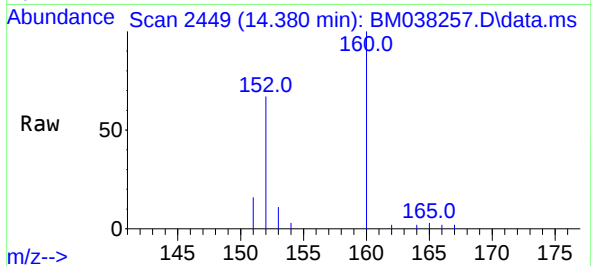
Tgt Ion:142 Resp: 908
Ion Ratio Lower Upper
142 100
141 92.2 71.9 107.9





#10
Acenaphthylene
Concen: 0.092 ng/ul
RT: 14.380 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33

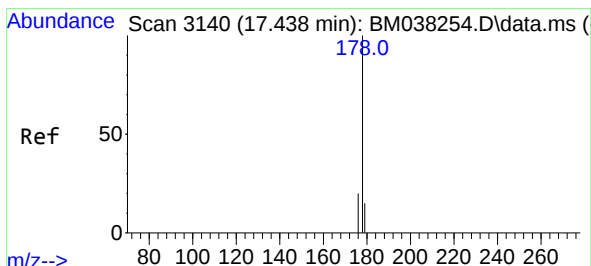
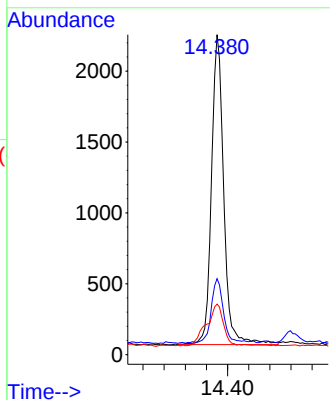
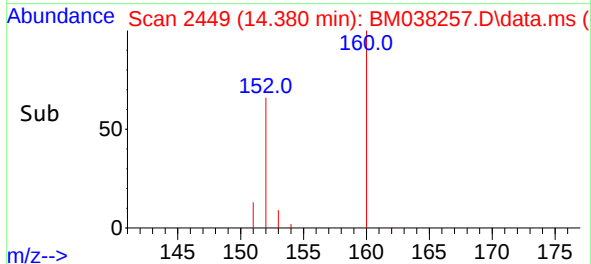
Instrument :
BNA_M
ClientSampleId :
DBXU7DL



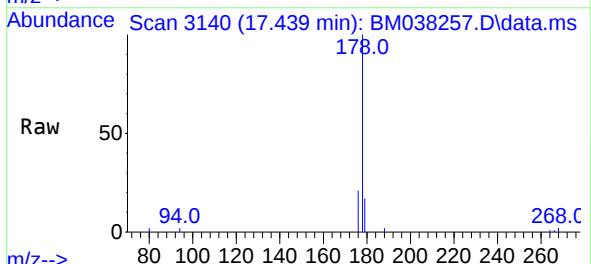
Tgt Ion:152 Resp: 3520
Ion Ratio Lower Upper
152 100
151 23.7 16.2 24.2
153 15.8 10.7 16.1

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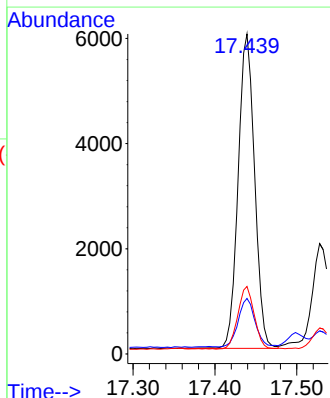
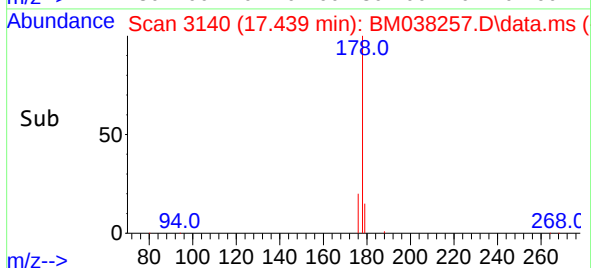
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

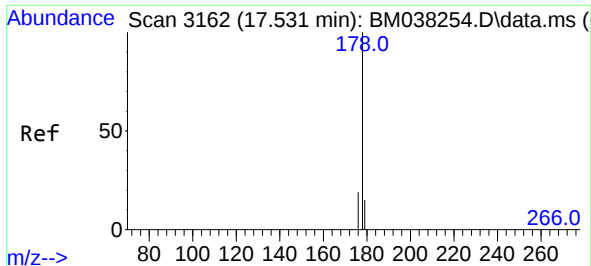


#15
Phenanthrene
Concen: 0.186 ng/ul
RT: 17.439 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33



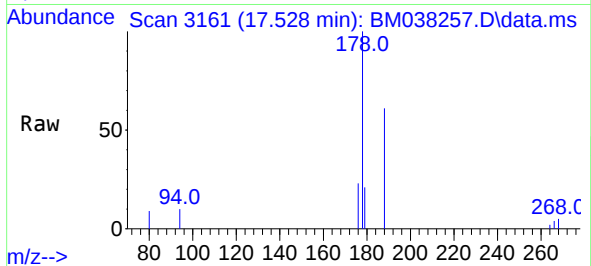
Tgt Ion:178 Resp: 8355
Ion Ratio Lower Upper
178 100
179 17.3 13.0 19.4
176 21.1 16.2 24.4





#16
 Anthracene
 Concen: 0.066 ng/ul
 RT: 17.528 min Scan# 3162
 Delta R.T. -0.003 min
 Lab File: BM038257.D
 Acq: 24 Dec 2022 06:33

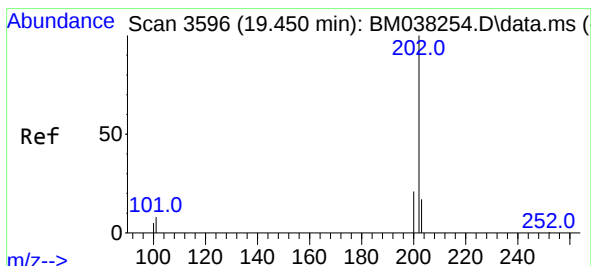
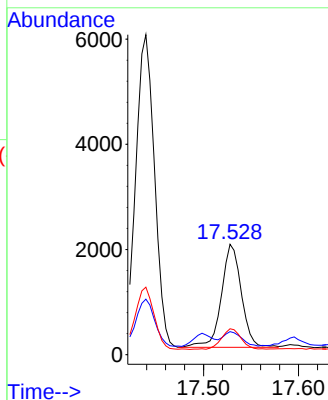
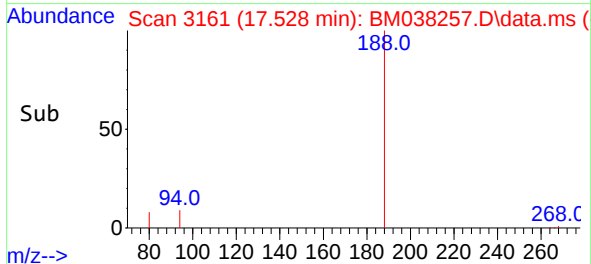
Instrument :
 BNA_M
 ClientSampleId :
 DBXU7DL



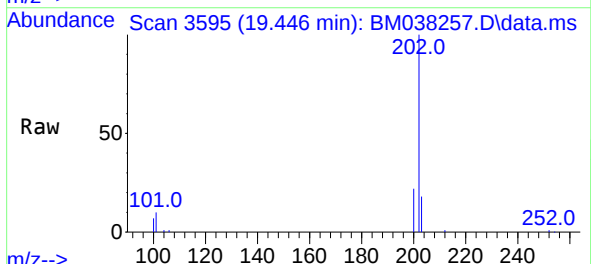
Tgt Ion:178 Resp: 286
 Ion Ratio Lower Upper
 178 100
 179 20.8 13.0 19.6
 176 23.4 15.6 23.4

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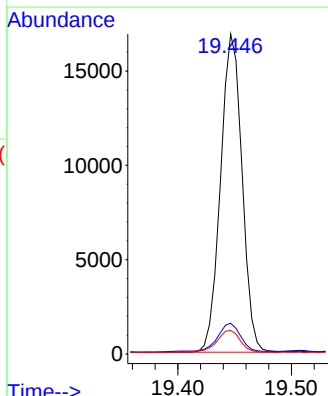
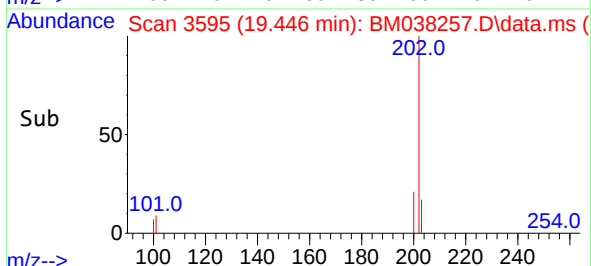
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

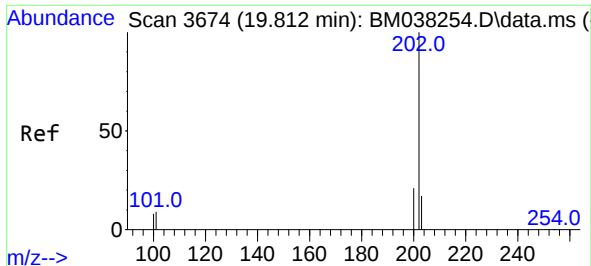


#19
 Fluoranthene
 Concen: 0.480 ng/ul
 RT: 19.446 min Scan# 3595
 Delta R.T. -0.003 min
 Lab File: BM038257.D
 Acq: 24 Dec 2022 06:33



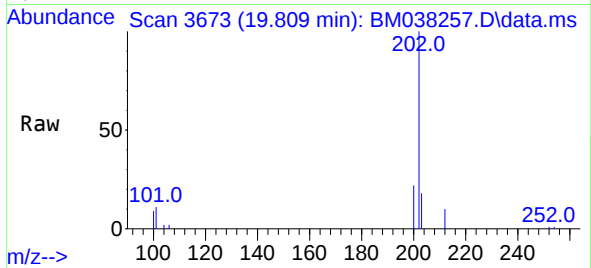
Tgt Ion:202 Resp: 22175
 Ion Ratio Lower Upper
 202 100
 101 9.6 7.5 11.3
 100 7.3 5.6 8.4





#20
Pyrene
Concen: 0.391 ng/ul m
RT: 19.809 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33

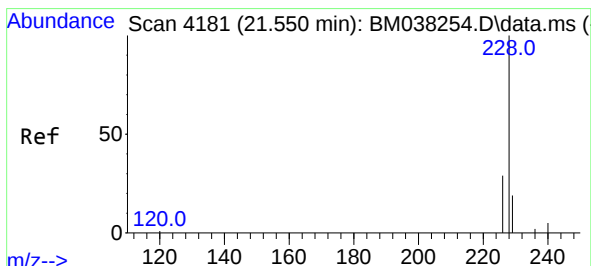
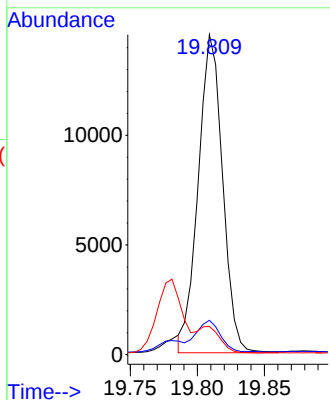
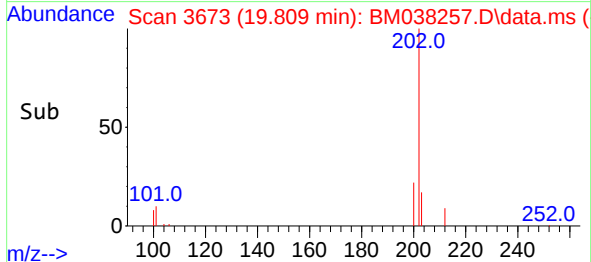
Instrument :
BNA_M
ClientSampleId :
DBXU7DL



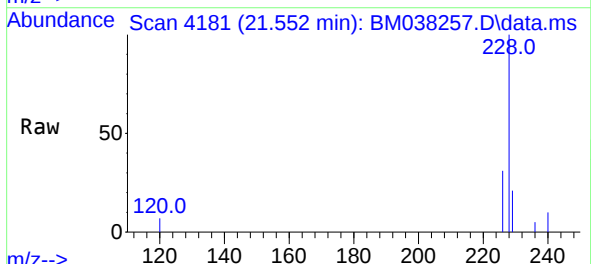
Tgt Ion:202 Resp: 1828
Ion Ratio Lower Upper
202 100
101 10.7 8.9 13.3
100 8.8 7.4 11.0

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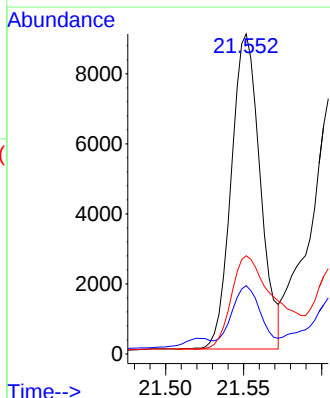
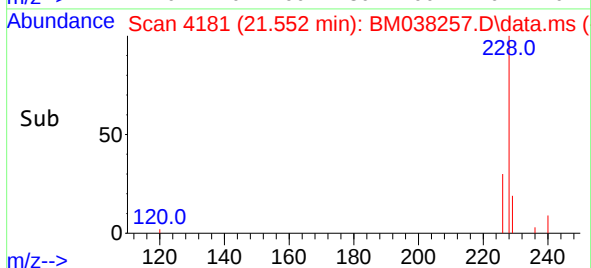
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Supervised By :Yogesh Patel 12/25/2022

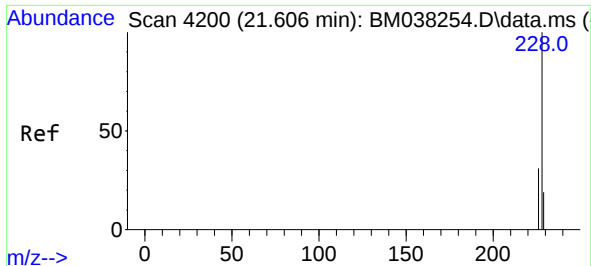


#21
Benzo(a)anthracene
Concen: 0.314 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. 0.001 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33



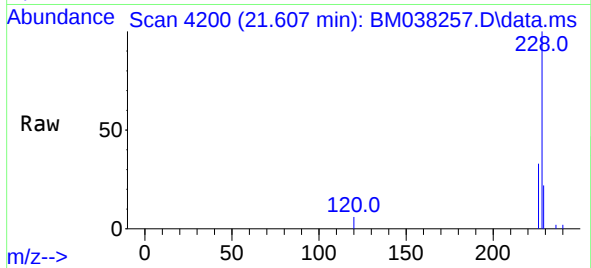
Tgt Ion:228 Resp: 11621
Ion Ratio Lower Upper
228 100
229 21.3 15.5 23.3
226 30.7 22.2 33.2





#22
Chrysene
Concen: 0.332 ng/u1
RT: 21.607 min Scan# 41
Delta R.T. 0.001 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33

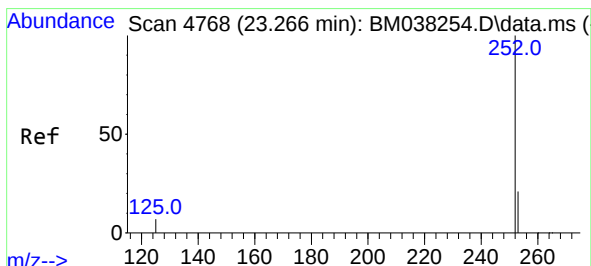
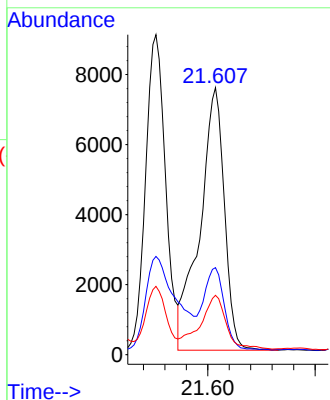
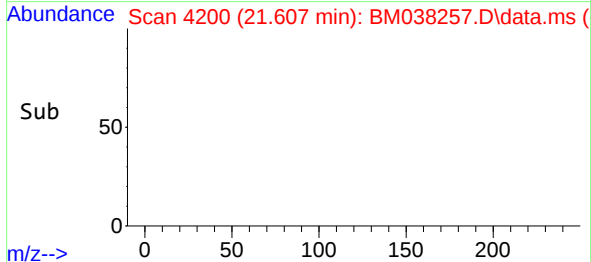
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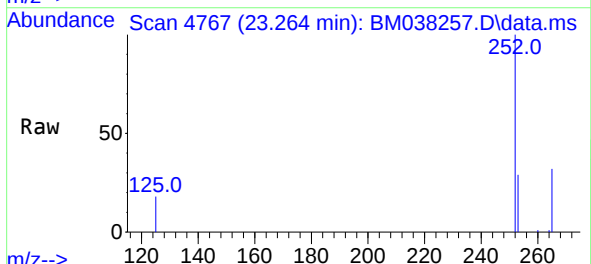
Tgt Ion:228 Resp: 11948
Ion Ratio Lower Upper
228 100
226 32.6 25.0 37.4
229 22.2 16.0 24.0

Manual Integrations
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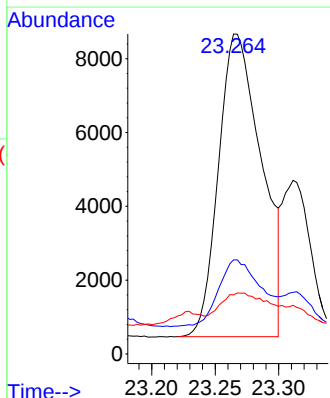
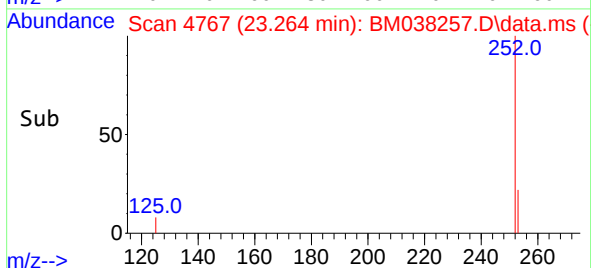
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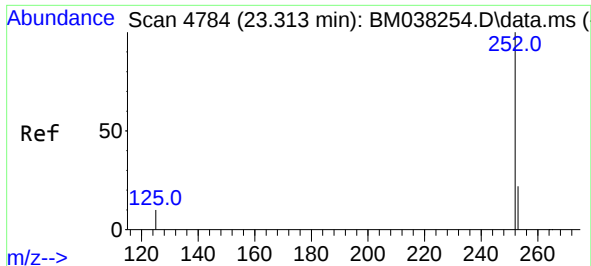


#24
Benzo(b)fluoranthene
Concen: 0.499 ng/u1
RT: 23.264 min Scan# 4767
Delta R.T. -0.002 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33



Tgt Ion:252 Resp: 19268
Ion Ratio Lower Upper
252 100
253 29.4 0.0 56.0
125 18.5 0.0 36.6





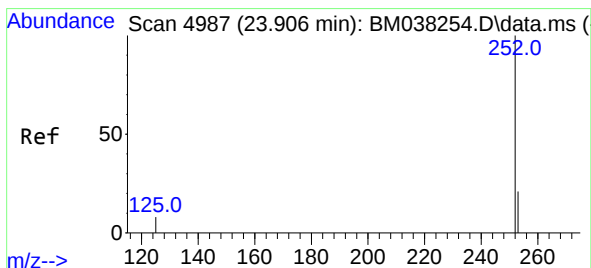
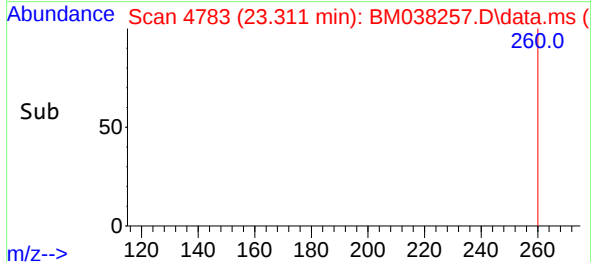
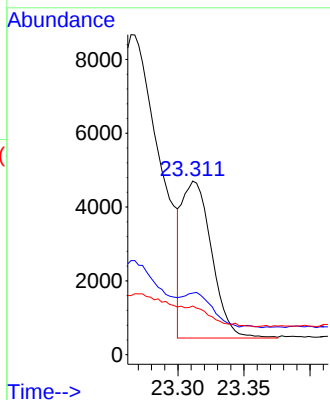
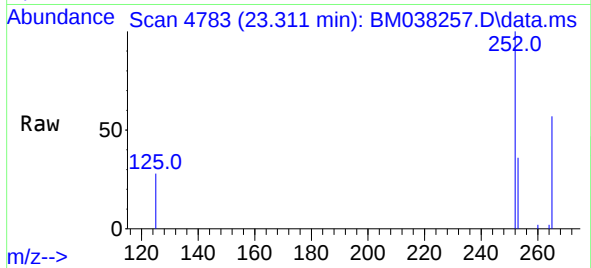
#25
Benzo(k)fluoranthene
Concen: 0.180 ng/ul m
RT: 23.311 min Scan# 4784
Delta R.T. -0.002 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33

Instrument :
BNA_M
ClientSampleId :
DBXU7DL

Tgt Ion:252 Resp: 6660
Ion Ratio Lower Upper
252 100
253 35.5 22.5 33.7
125 28.1 14.4 21.6

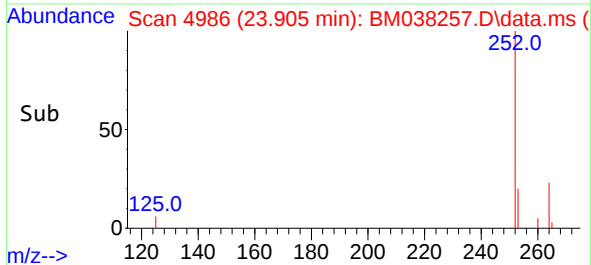
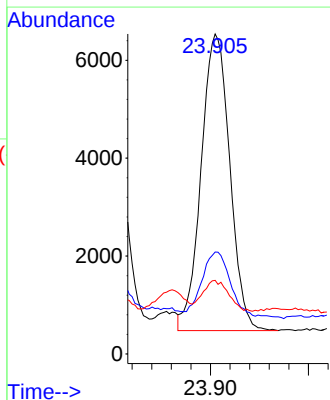
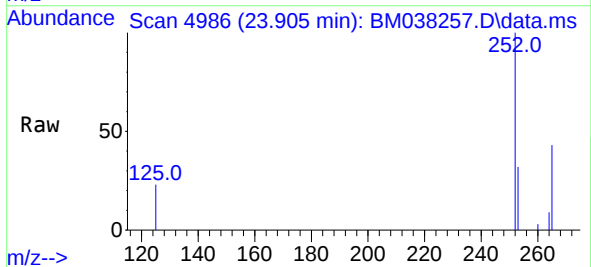
Manual Integrations
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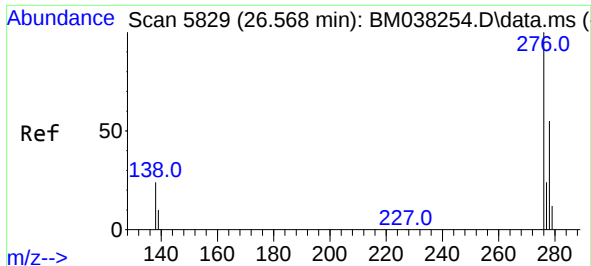
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.905 min Scan# 4986
Delta R.T. -0.002 min
Lab File: BM038257.D
Acq: 24 Dec 2022 06:33

Tgt Ion:252 Resp: 12315
Ion Ratio Lower Upper
252 100
253 31.9 24.2 36.4
125 23.0 17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.217 ng/ul

RT: 26.567 min Scan# 5829

Delta R.T. -0.002 min

Lab File: BM038257.D

Acq: 24 Dec 2022 06:33

Instrument :

BNA_M

ClientSampleId :

DBXU7DL

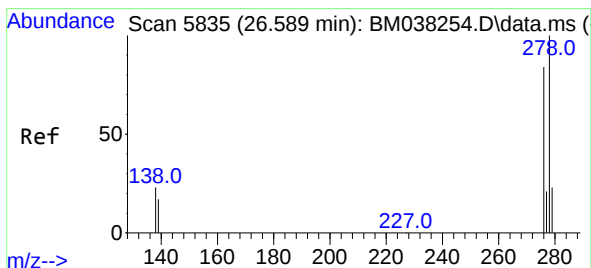
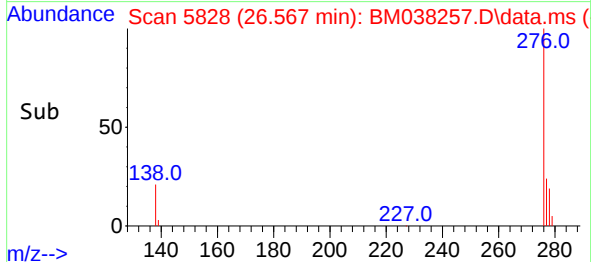
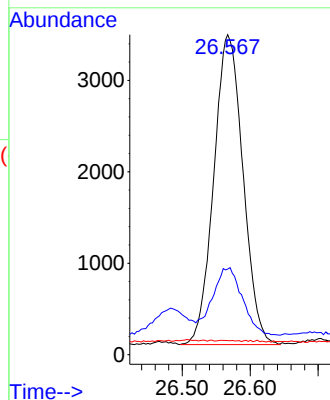
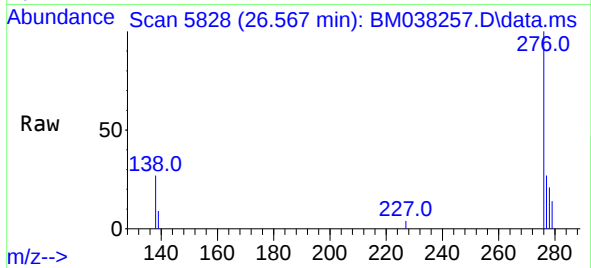
Tgt Ion:276 Resp: 10128

Ion	Ratio	Lower	Upper
276	100		
138	22.5	21.7	32.5
227	0.2	0.0	0.0

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.070 ng/ul

RT: 26.574 min Scan# 5830

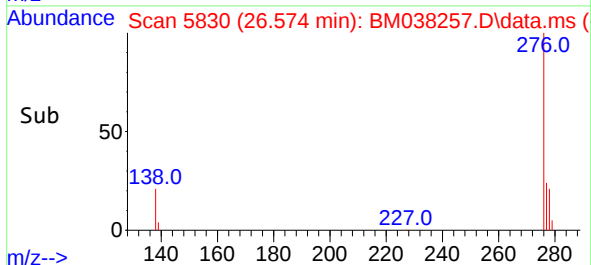
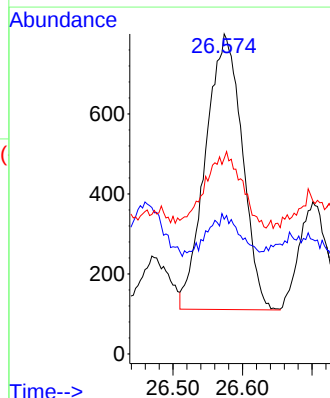
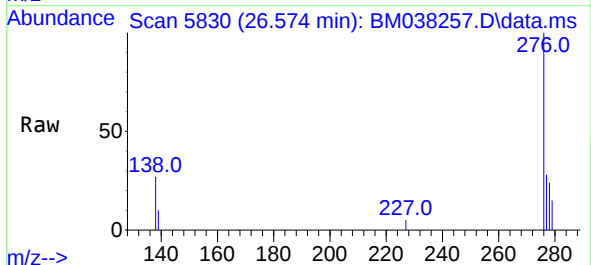
Delta R.T. -0.015 min

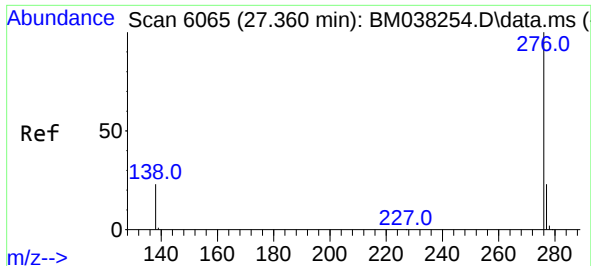
Lab File: BM038257.D

Acq: 24 Dec 2022 06:33

Tgt Ion:278 Resp: 2524

Ion	Ratio	Lower	Upper
278	100		
139	42.1	16.8	25.2#
279	61.1	23.4	35.2#





#29

Benzo(g,h,i)perylene

Concen: 0.252 ng/ul

RT: 27.358 min Scan# 6064

Delta R.T. -0.002 min

Lab File: BM038257.D

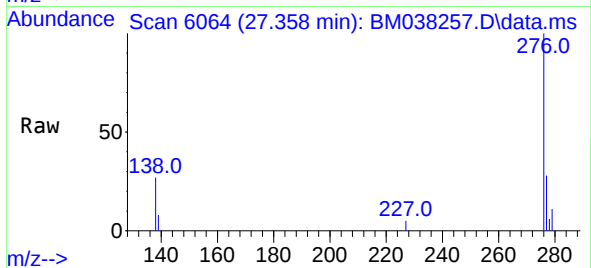
Acq: 24 Dec 2022 06:33

Instrument :

BNA_M

ClientSampleId :

DBXU7DL



Tgt Ion:276 Resp: 9894

Ion Ratio Lower Upper

276 100

138 27.3 20.8 31.2

277 27.6 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022

Supervised By :Yogesh Patel 12/25/2022

