

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038082.D
 Acq On : 17 Dec 2022 00:27
 Operator : CG/JU
 Sample : N5925-21
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYD0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 17 01:07:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	5420	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	17442	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	10121	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	21707	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	17489	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	16309	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	26056	3.517	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.445	152	7718	0.303	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	17707	0.279	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	33824	0.640	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	6299	0.194	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	2291	0.069	ng/ul	98
10) Acenaphthylene	14.402	152	27192	0.512	ng/ul	100
11) Acenaphthene	14.740	153	2249	0.056	ng/ul	97
12) Fluorene	15.721	166	2829	0.063	ng/ul#	97
14) Pentachlorophenol	17.067	266	2996	0.333	ng/ul	98
15) Phenanthrene	17.460	178	76476	1.046	ng/ul	100
16) Anthracene	17.548	178	19963	0.295	ng/ul	99
19) Fluoranthene	19.464	202	249967	2.767	ng/ul	96
20) Pyrene	19.826	202	192926m	2.092	ng/ul	
21) Benzo(a)anthracene	21.565	228	142001	1.879	ng/ul	98
22) Chrysene	21.621	228	145295m	1.906	ng/ul	
24) Benzo(b)fluoranthene	23.287	252	219843	2.842	ng/ul	91
25) Benzo(k)fluoranthene	23.331	252	81857m	1.097	ng/ul	
26) Benzo(a)pyrene	23.930	252	133873	2.055	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.602	276	95411	1.167	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.609	278	23103	0.363	ng/ul	95
29) Benzo(g,h,i)perylene	27.397	276	80847	1.164	ng/ul	96

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

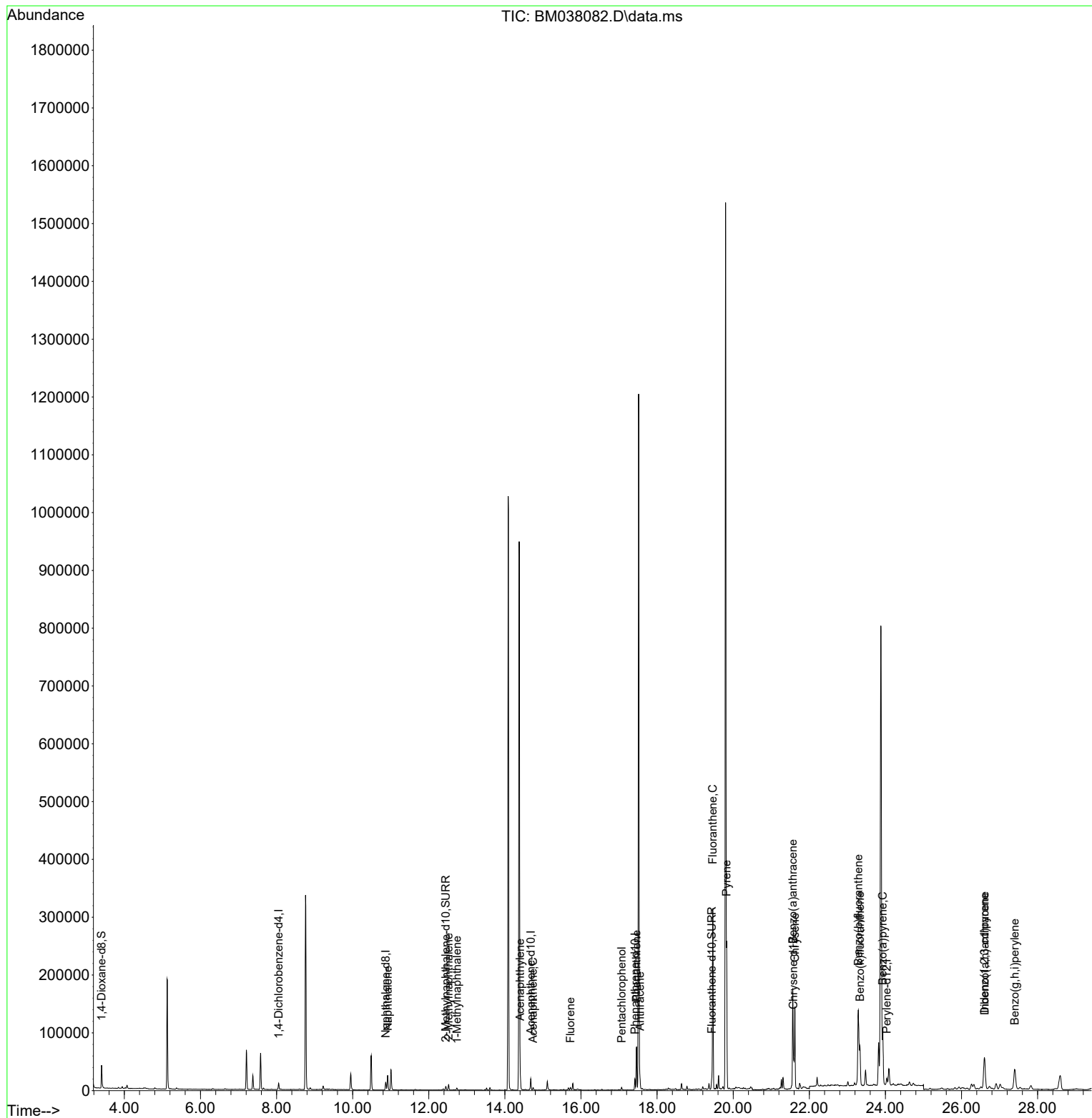
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038082.D
Acq On : 17 Dec 2022 00:27
Operator : CG/JU
Sample : N5925-21
Misc :
ALS Vial : 63 Sample Multiplier: 1

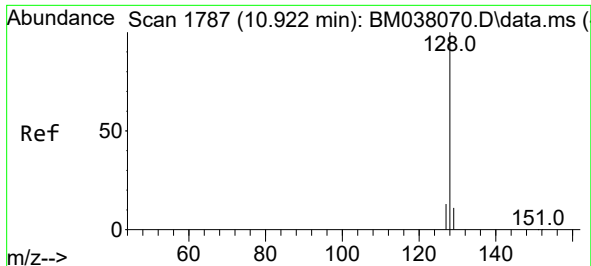
Instrument :
BNA_M
ClientSampleId :
DBYD0

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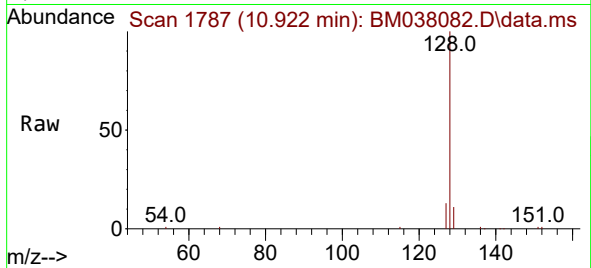
Quant Time: Dec 17 01:07:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.640 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038082.D
Acq: 17 Dec 2022 00:27

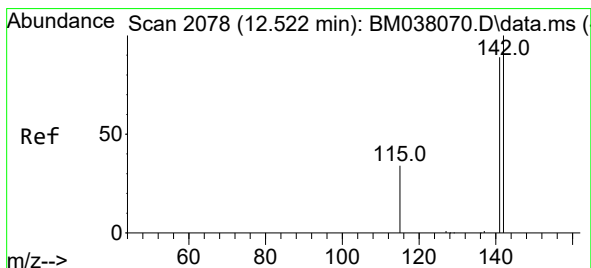
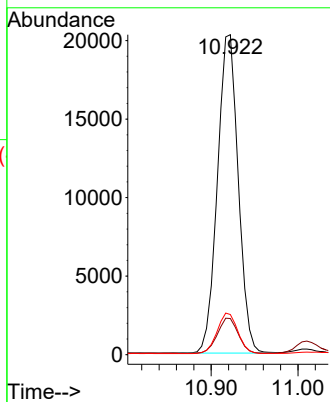
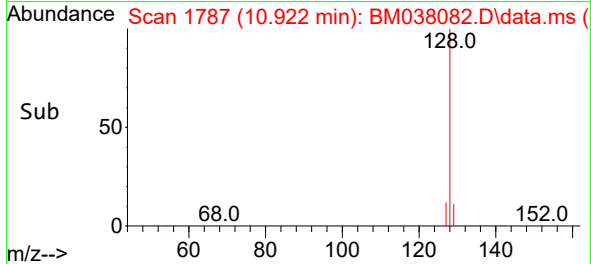
Instrument :
BNA_M
ClientSampleId :
DBYD0



Tgt Ion:128 Resp: 33824
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 12.6 10.4 15.6

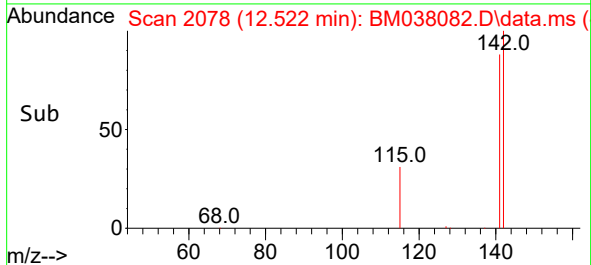
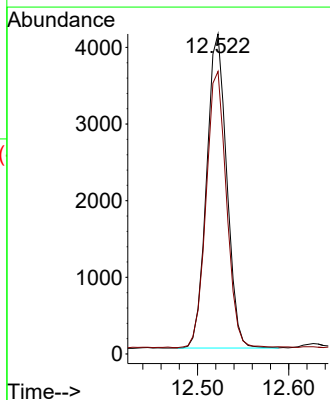
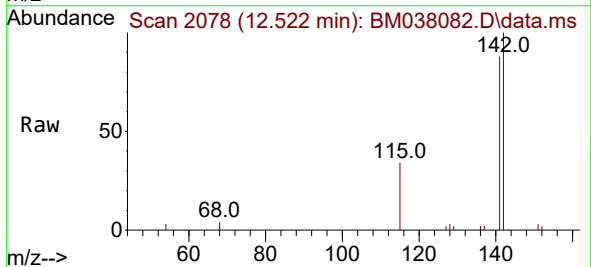
Manual Integrations
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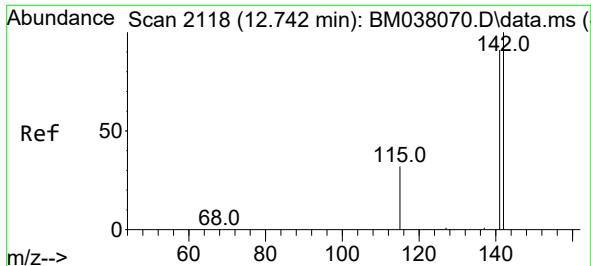
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#7
2-Methylnaphthalene
Concen: 0.194 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038082.D
Acq: 17 Dec 2022 00:27

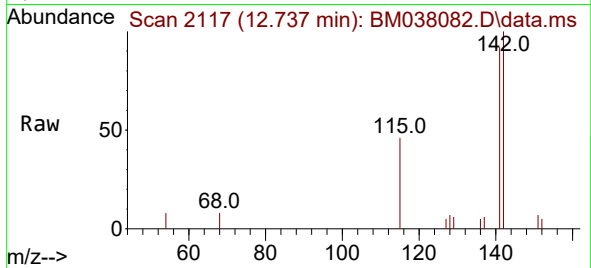
Tgt Ion:142 Resp: 6299
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BM038082.D
Acq: 17 Dec 2022 00:27

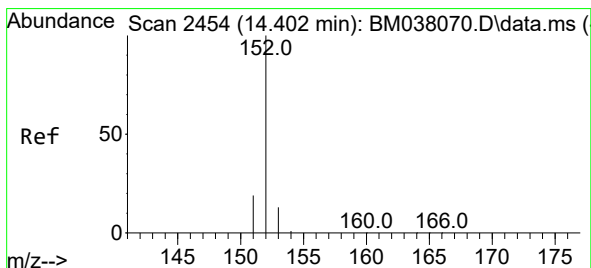
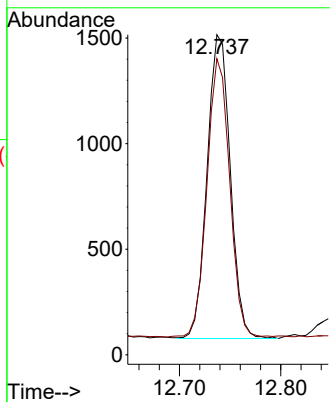
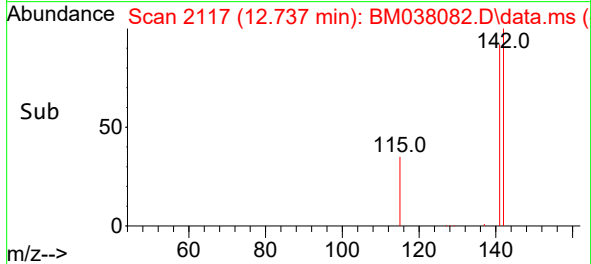
Instrument :
BNA_M
ClientSampleId :
DBYD0



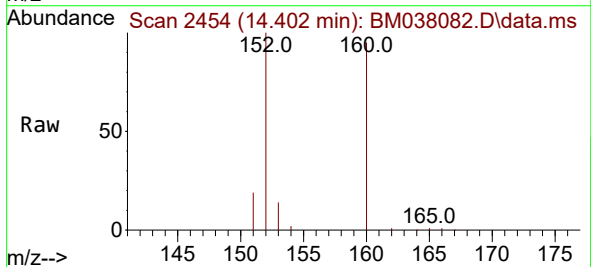
Tgt Ion:142 Resp: 229
Ion Ratio Lower Upper
142 100
141 90.1 73.6 110.4

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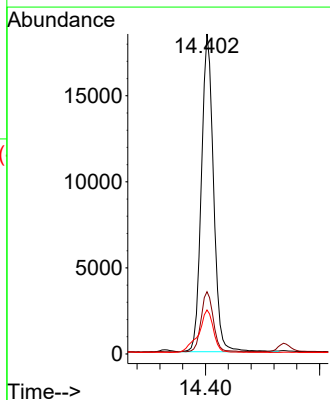
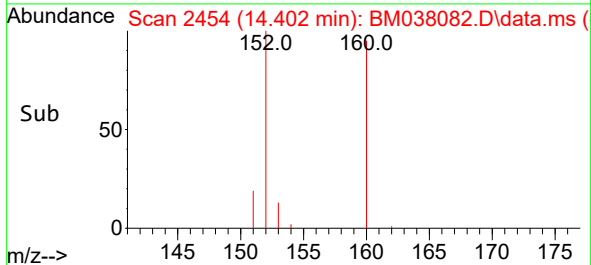
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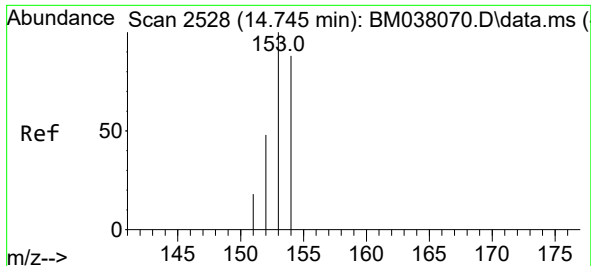


#10
Acenaphthylene
Concen: 0.512 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BM038082.D
Acq: 17 Dec 2022 00:27



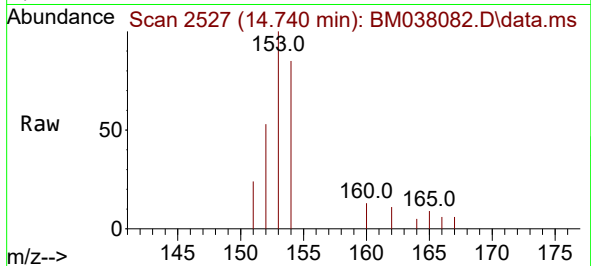
Tgt Ion:152 Resp: 27192
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 13.8 11.0 16.4





#11
Acenaphthene
Concen: 0.056 ng/uI
RT: 14.740 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM038082.D
Acq: 17 Dec 2022 00:27

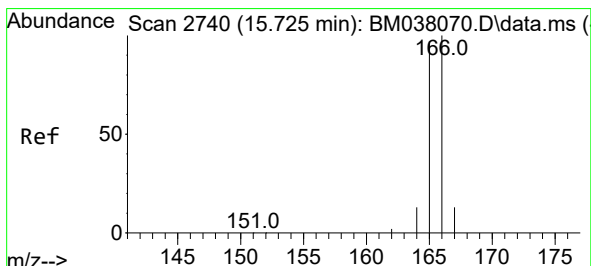
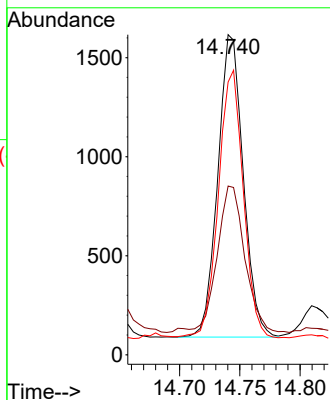
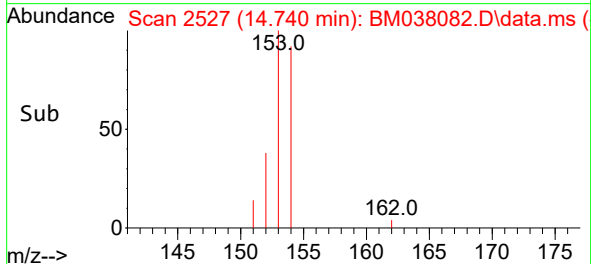
Instrument :
BNA_M
ClientSampleId :
DBYD0



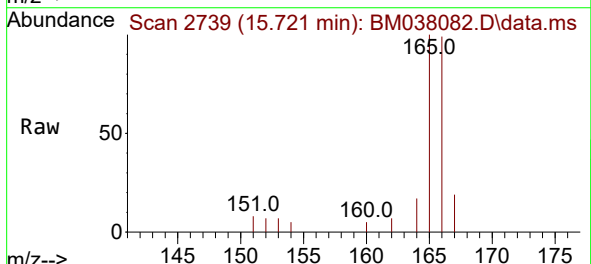
Tgt Ion:153 Resp: 2249
Ion Ratio Lower Upper
153 100
152 52.7 39.5 59.3
154 85.2 69.2 103.8

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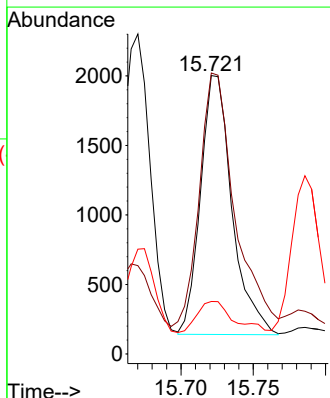
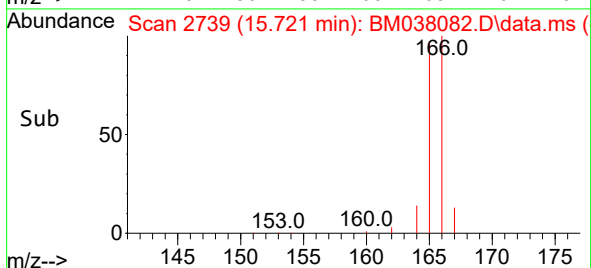
Reviewed By :Jagrut Upadhyay 12/19/2022
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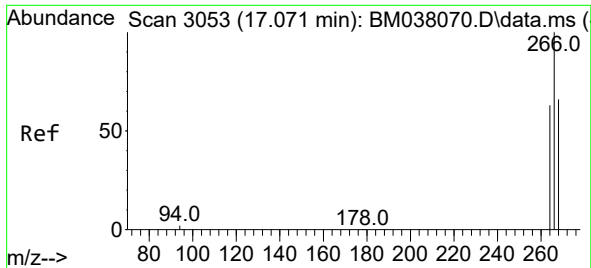


#12
Fluorene
Concen: 0.063 ng/uI
RT: 15.721 min Scan# 2739
Delta R.T. -0.009 min
Lab File: BM038082.D
Acq: 17 Dec 2022 00:27



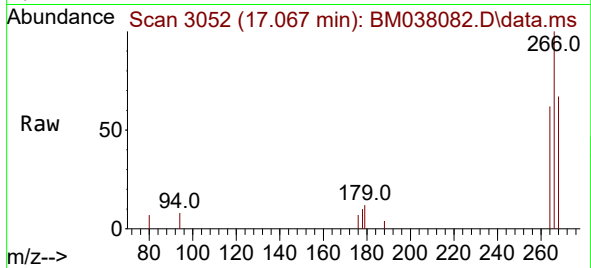
Tgt Ion:166 Resp: 2829
Ion Ratio Lower Upper
166 100
165 100.9 79.0 118.4
167 18.9 11.1 16.7#





#14
 Pentachlorophenol
 Concen: 0.333 ng/ul
 RT: 17.067 min Scan# 3053
 Delta R.T. -0.004 min
 Lab File: BM038082.D
 Acq: 17 Dec 2022 00:27

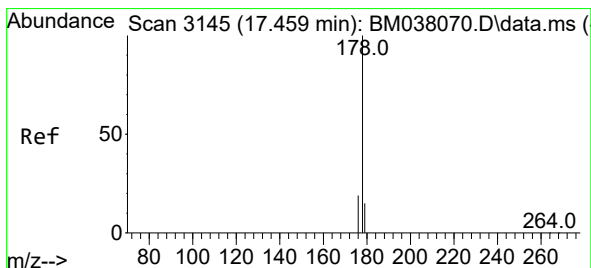
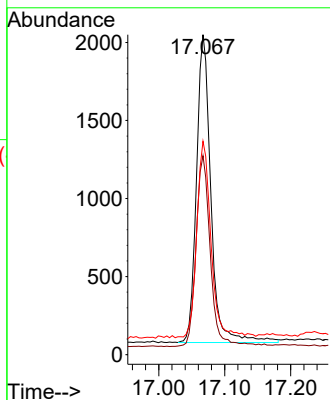
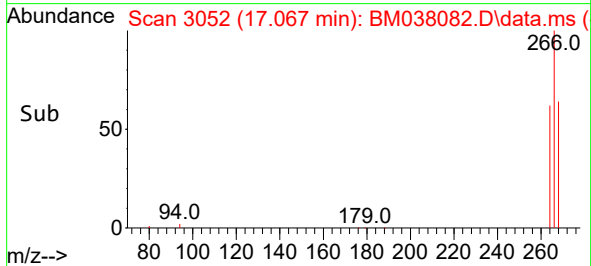
Instrument :
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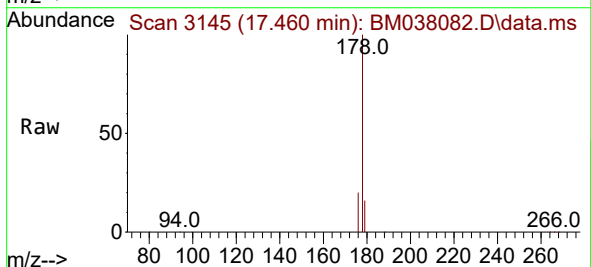
Tgt Ion:266 Resp: 2990
 Ion Ratio Lower Upper
 266 100
 264 61.6 49.9 74.9
 268 61.9 52.0 78.0

Manual Integrations
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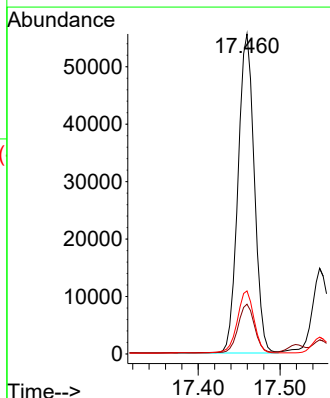
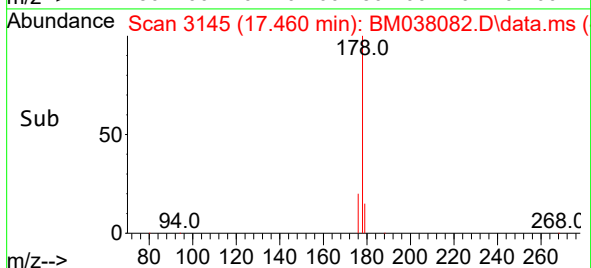
Reviewed By :Jagrut Upadhyay 12/19/2022
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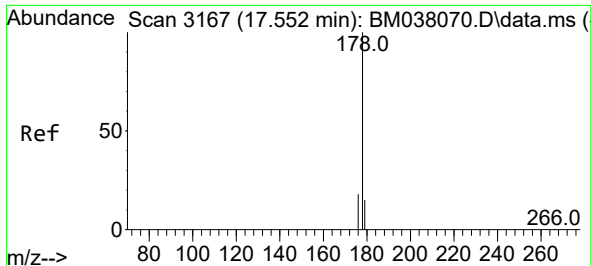


#15
 Phenanthrene
 Concen: 1.046 ng/ul
 RT: 17.460 min Scan# 3145
 Delta R.T. -0.004 min
 Lab File: BM038082.D
 Acq: 17 Dec 2022 00:27



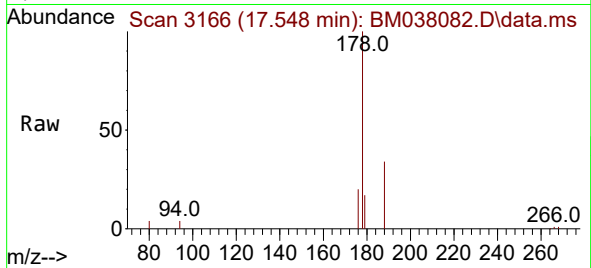
Tgt Ion:178 Resp: 76476
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.6 19.0
 176 19.7 15.8 23.6





#16
 Anthracene
 Concen: 0.295 ng/ul
 RT: 17.548 min Scan# 3166
 Delta R.T. -0.008 min
 Lab File: BM038082.D
 Acq: 17 Dec 2022 00:27

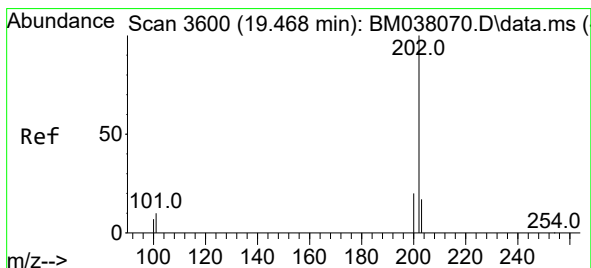
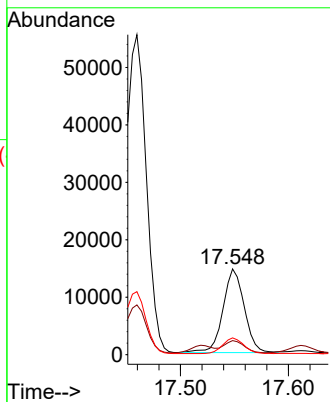
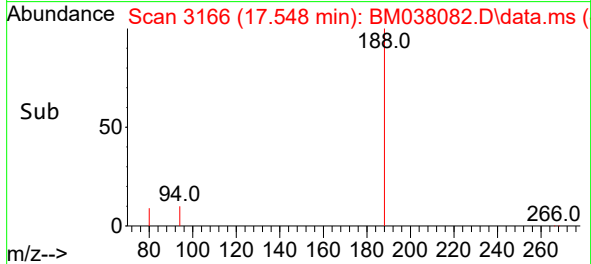
Instrument :
 BNA_M
 ClientSampleId :
 DBYD0



Tgt Ion:178 Resp: 1996
 Ion Ratio Lower Upper
 178 100
 179 16.5 13.0 19.4
 176 19.6 15.0 22.4

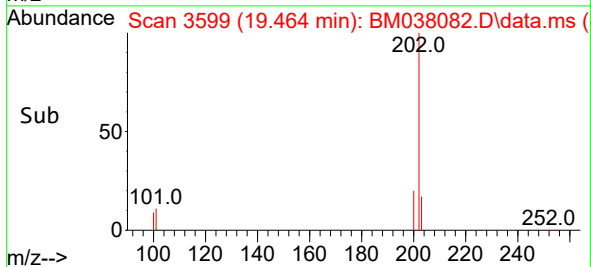
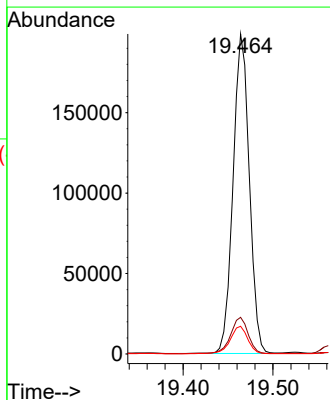
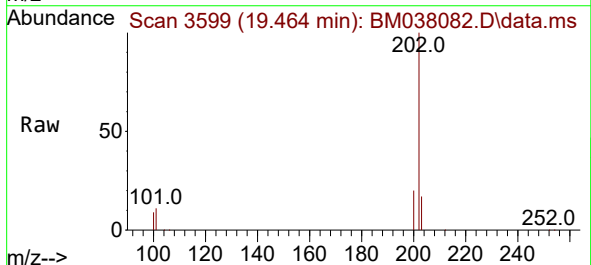
Manual Integrations
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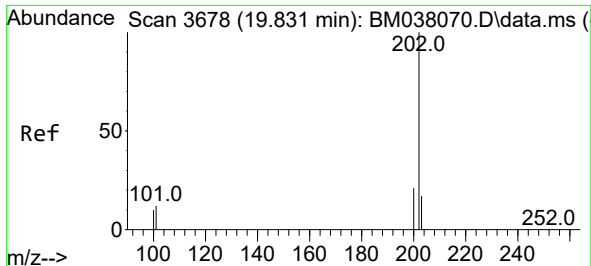
Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022



#19
 Fluoranthene
 Concen: 2.767 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. -0.004 min
 Lab File: BM038082.D
 Acq: 17 Dec 2022 00:27

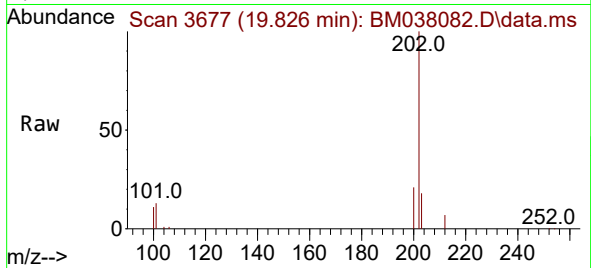
Tgt Ion:202 Resp: 249967
 Ion Ratio Lower Upper
 202 100
 101 11.5 10.6 15.8
 100 8.6 7.9 11.9





#20
Pyrene
Concen: 2.092 ng/ul m
RT: 19.826 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM038082.D
Acq: 17 Dec 2022 00:27

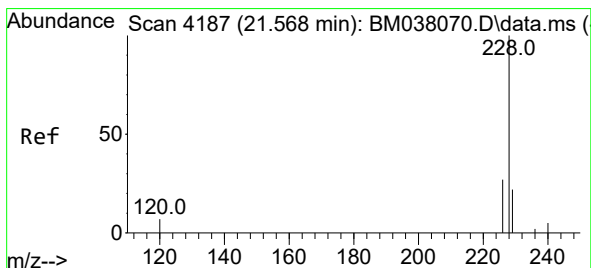
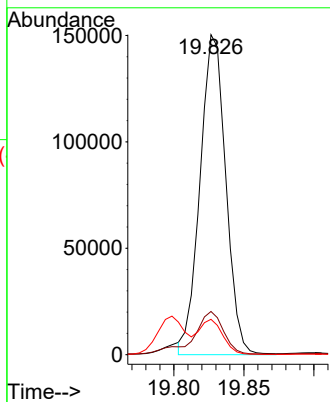
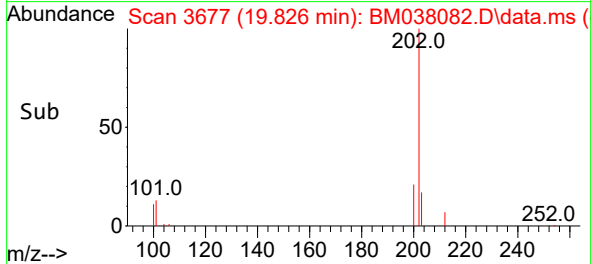
Instrument :
BNA_M
ClientSampleId :
DBYD0



Tgt Ion:202 Resp: 192920
Ion Ratio Lower Upper
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101 13.5 12.1 18.1
100 11.1 9.8 14.6

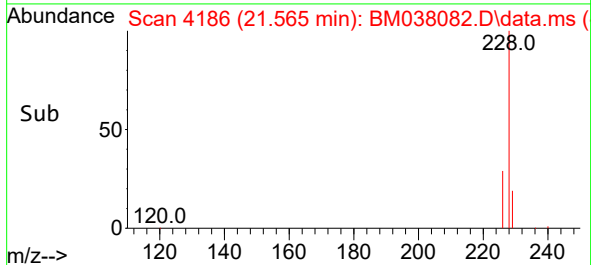
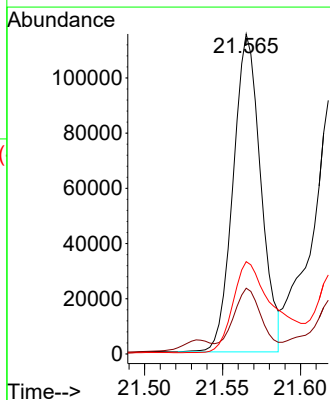
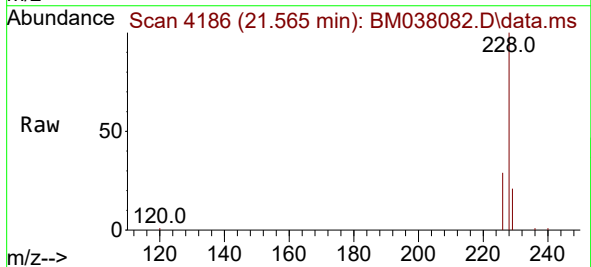
Manual Integrations
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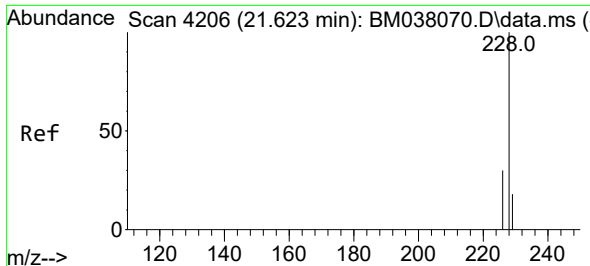
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#21
Benzo(a)anthracene
Concen: 1.879 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BM038082.D
Acq: 17 Dec 2022 00:27

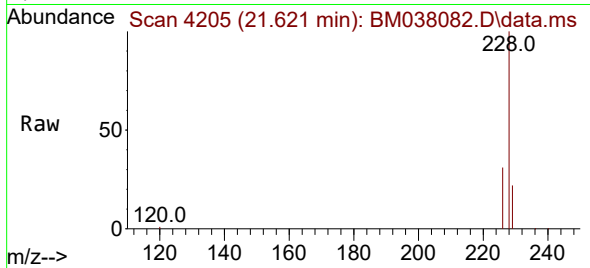
Tgt Ion:228 Resp: 142001
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 28.9 22.1 33.1





#22
Chrysene
Concen: 1.906 ng/ul m
RT: 21.621 min Scan# 4206
Delta R.T. -0.003 min
Lab File: BM038082.D
Acq: 17 Dec 2022 00:27

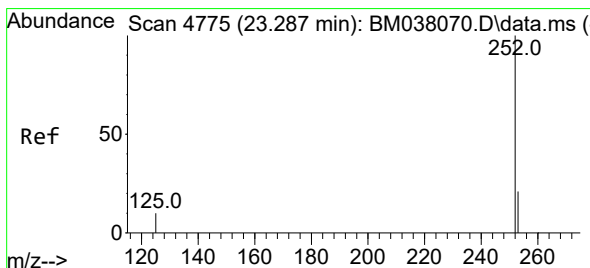
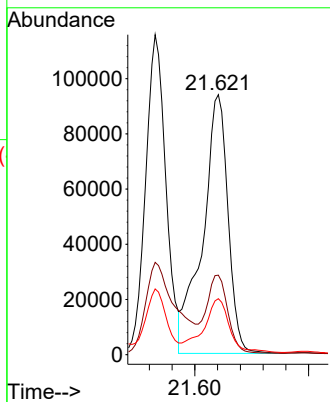
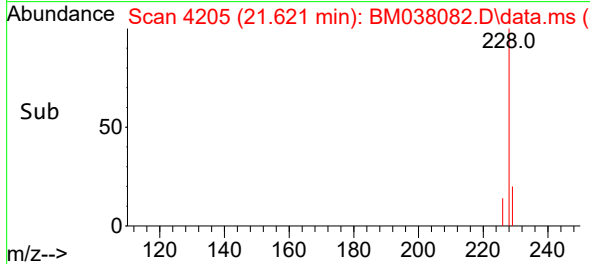
Instrument :
BNA_M
ClientSampleId :
DBYD0



Tgt Ion:228 Resp: 145295
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 21.5 15.7 23.5

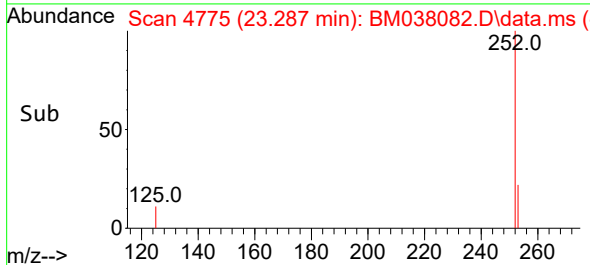
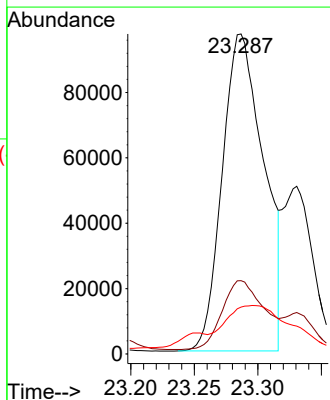
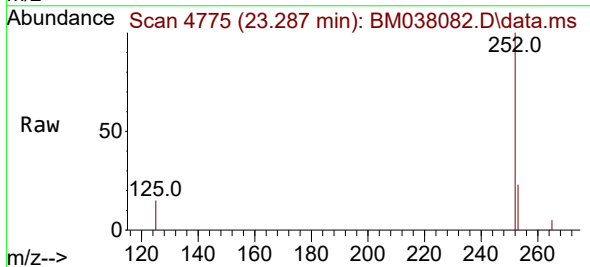
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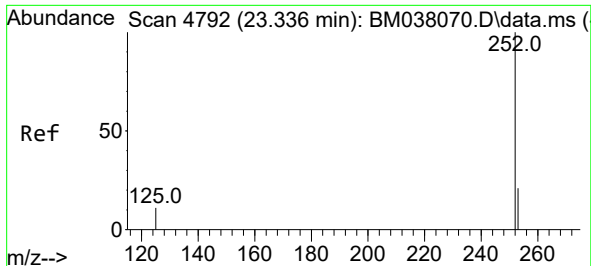
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#24
Benzo(b)fluoranthene
Concen: 2.842 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. 0.000 min
Lab File: BM038082.D
Acq: 17 Dec 2022 00:27

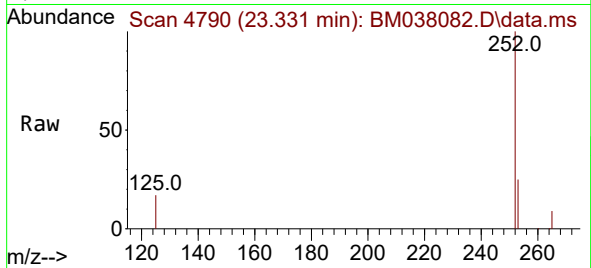
Tgt Ion:252 Resp: 219843
Ion Ratio Lower Upper
252 100
253 22.9 0.0 51.8
125 14.6 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 1.097 ng/ul m
RT: 23.331 min Scan# 4792
Delta R.T. -0.006 min
Lab File: BM038082.D
Acq: 17 Dec 2022 00:27

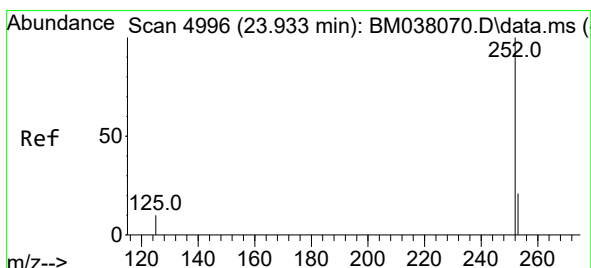
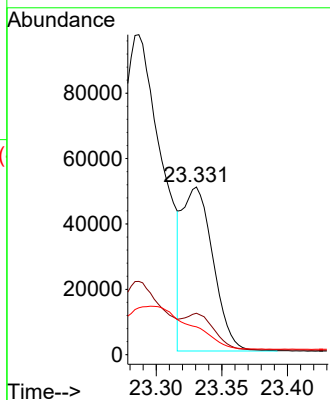
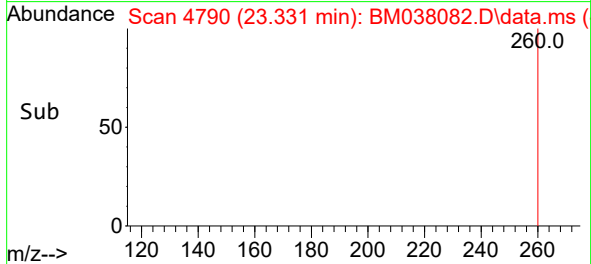
Instrument :
BNA_M
ClientSampleId :
DBYD0



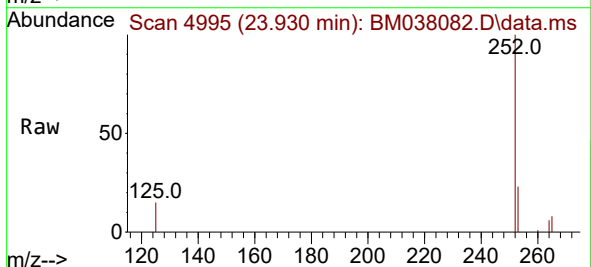
Tgt Ion:252 Resp: 8185
Ion Ratio Lower Upper
252 100
253 24.8 20.8 31.2
125 16.6 17.1 25.7

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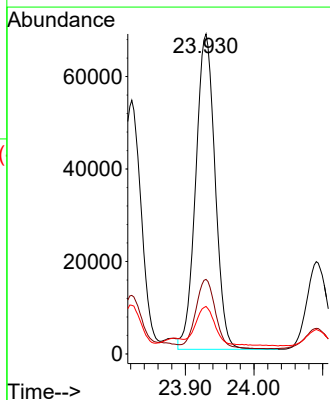
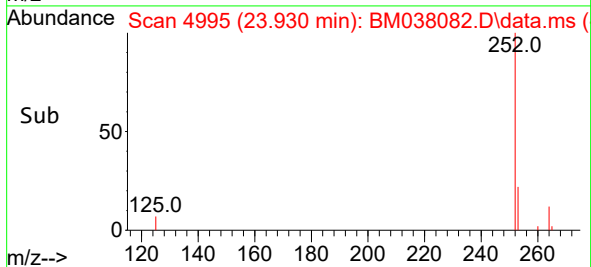
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

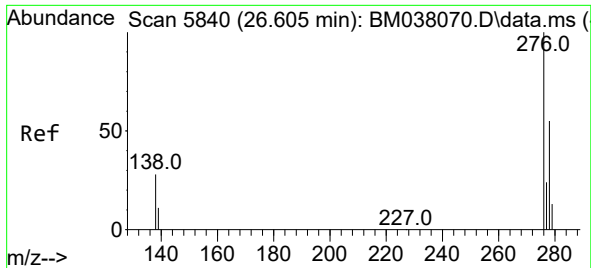


#26
Benzo(a)pyrene
Concen: 2.055 ng/ul
RT: 23.930 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM038082.D
Acq: 17 Dec 2022 00:27



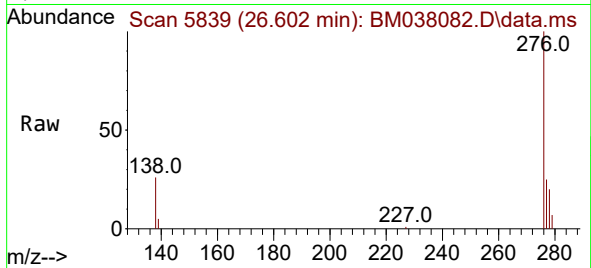
Tgt Ion:252 Resp: 133873
Ion Ratio Lower Upper
252 100
253 23.3 21.9 32.9
125 14.9 20.7 31.1





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.167 ng/ul
 RT: 26.602 min Scan# 5839
 Delta R.T. -0.006 min
 Lab File: BM038082.D
 Acq: 17 Dec 2022 00:27

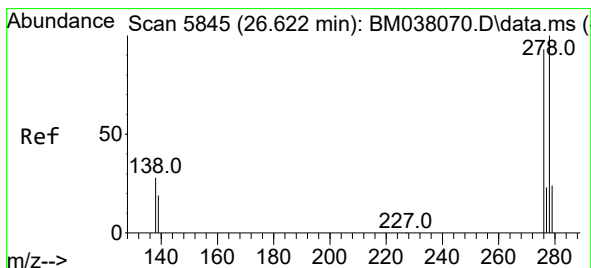
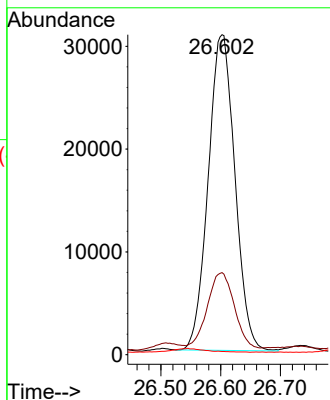
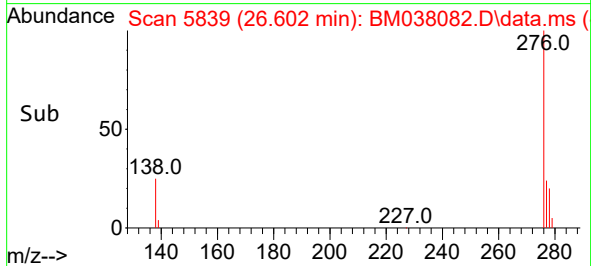
Instrument :
 BNA_M
 ClientSampleId :
 DBYD0



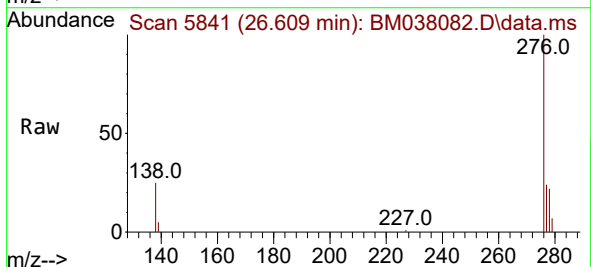
Tgt Ion:276 Resp: 9541
 Ion Ratio Lower Upper
 276 100
 138 24.3 26.6 40.0
 227 0.0 0.1 0.1

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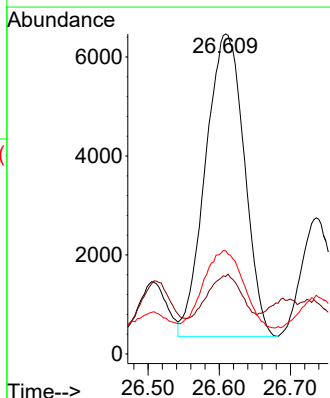
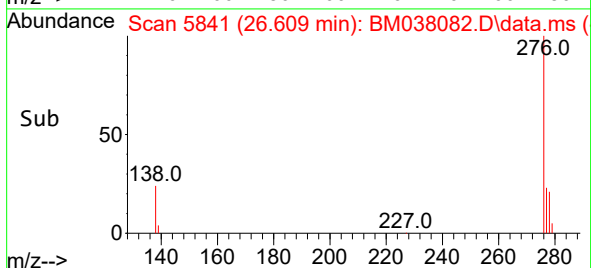
Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

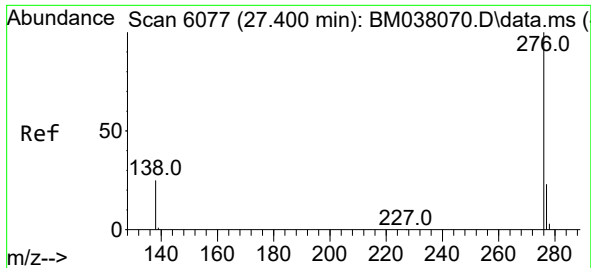


#28
 Dibenzo(a,h)anthracene
 Concen: 0.363 ng/ul
 RT: 26.609 min Scan# 5841
 Delta R.T. -0.013 min
 Lab File: BM038082.D
 Acq: 17 Dec 2022 00:27



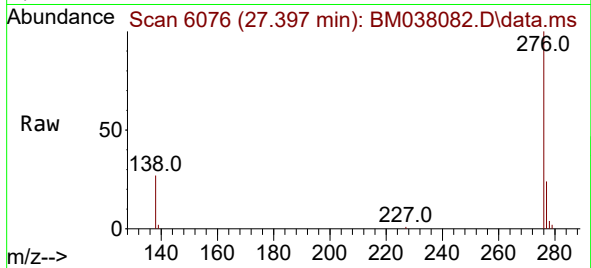
Tgt Ion:278 Resp: 23103
 Ion Ratio Lower Upper
 278 100
 139 24.2 19.0 28.6
 279 32.3 22.4 33.6





#29
 Benzo(g,h,i)perylene
 Concen: 1.164 ng/ul
 RT: 27.397 min Scan# 6076
 Delta R.T. -0.003 min
 Lab File: BM038082.D
 Acq: 17 Dec 2022 00:27

Instrument :
 BNA_M
 ClientSampleId :
 DBYD0



Tgt Ion: 276 Resp: 8084
 Ion Ratio Lower Upper
 276 100
 138 26.7 24.1 36.1
 277 24.0 19.0 28.6

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

