

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032288.D
 Acq On : 27 Jun 2024 20:05
 Operator : MA/JU
 Sample : P2909-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B78

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/28/2024

Quant Time: Jun 28 00:27:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	8093	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	25247	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.266	164	13853	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.019	188	24762m	0.400	ng/ul	0.00
17) Chrysene-d12	21.219	240	17553m	0.400	ng/ul	0.00
23) Perylene-d12	23.437	264	19485m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	14285	1.588	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.992	152	8455	0.223	ng/ul	0.00
18) Fluoranthene-d10	19.053	212	16695m	0.316	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.441	128	3080	0.046	ng/ul#	88
7) 2-Methylnaphthalene	12.069	142	1371	0.031	ng/ul	99
8) 1-Methylnaphthalene	12.289	142	1035	0.023	ng/ul	94
10) Acenaphthylene	13.984	152	8816	0.153	ng/ul	95
11) Acenaphthene	14.326	153	5129	0.115	ng/ul	97
12) Fluorene	15.321	166	5655	0.106	ng/ul#	98
15) Phenanthrene	17.061	178	125190m	1.844	ng/ul	
16) Anthracene	17.150	178	21712m	0.359	ng/ul	
19) Fluoranthene	19.086	202	253723m	3.796	ng/ul	
20) Pyrene	19.449	202	213537m	3.057	ng/ul	
21) Benzo(a)anthracene	21.202	228	104631m	1.652	ng/ul	
22) Chrysene	21.254	228	119886m	1.724	ng/ul	
24) Benzo(b)fluoranthene	22.774	252	159040m	1.879	ng/ul	
25) Benzo(k)fluoranthene	22.812	252	60796m	0.739	ng/ul	
26) Benzo(a)pyrene	23.341	252	109594m	1.861	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.675	276	87410m	0.948	ng/ul	
28) Dibenzo(a,h)anthracene	25.682	278	22845m	0.333	ng/ul	
29) Benzo(g,h,i)perylene	26.366	276	88884m	1.210	ng/ul	

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

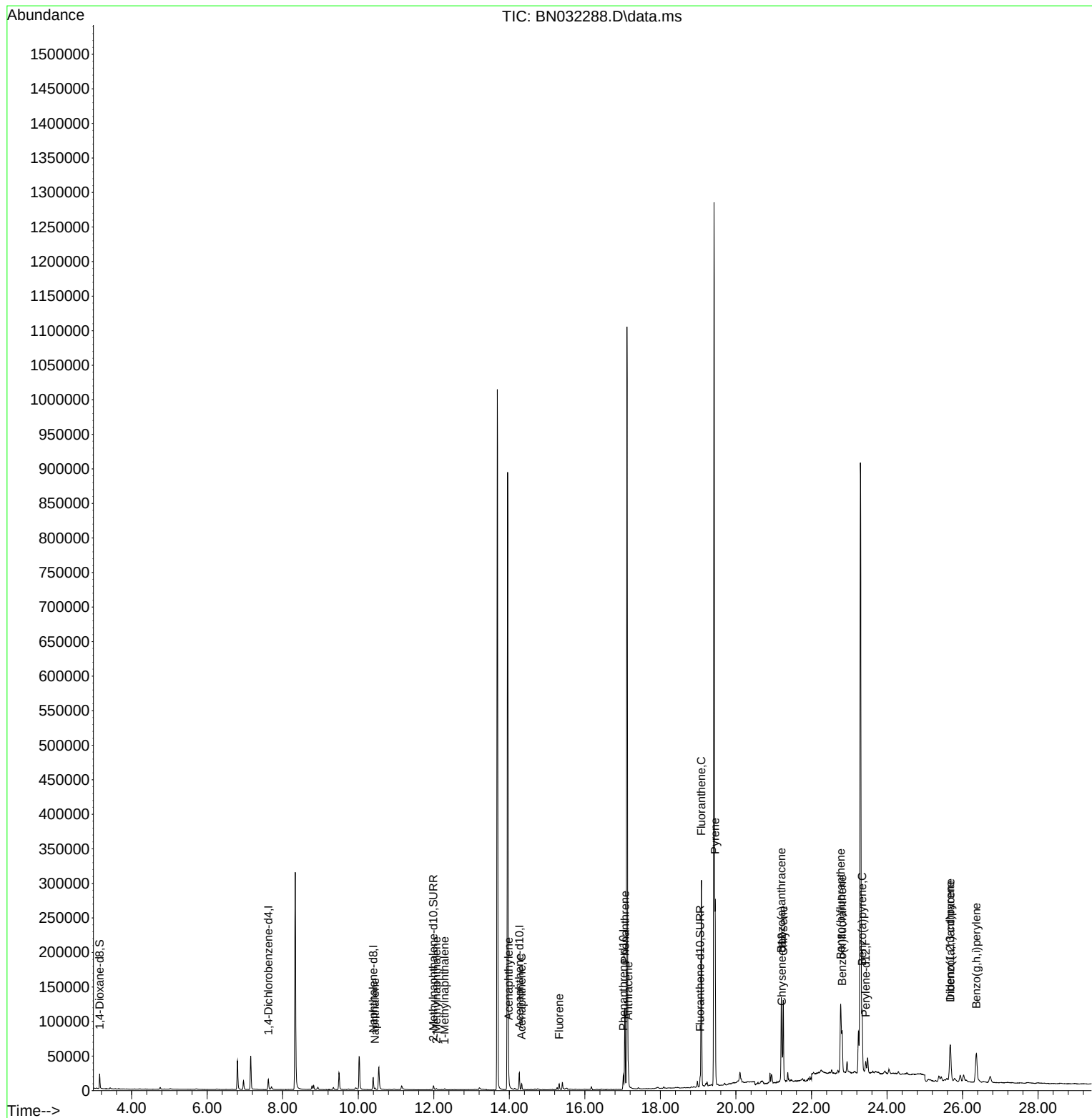
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032288.D
Acq On : 27 Jun 2024 20:05
Operator : MA/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

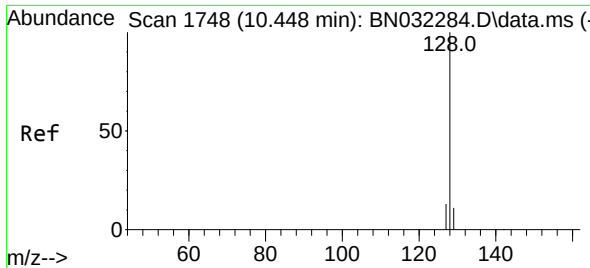
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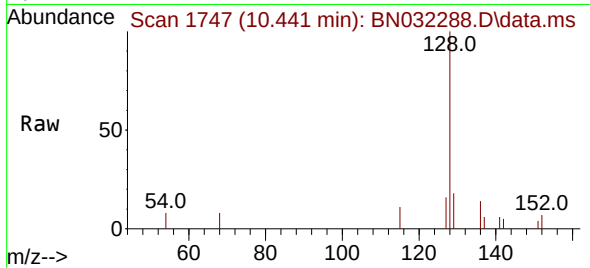
Quant Time: Jun 28 00:27:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.441 min Scan# 1747
Delta R.T. -0.007 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

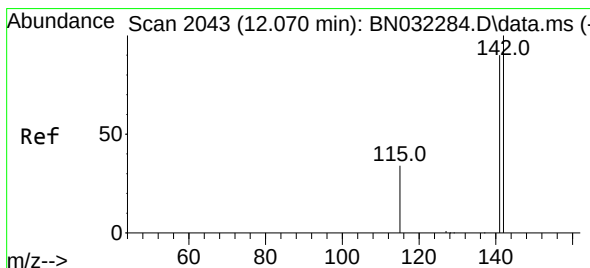
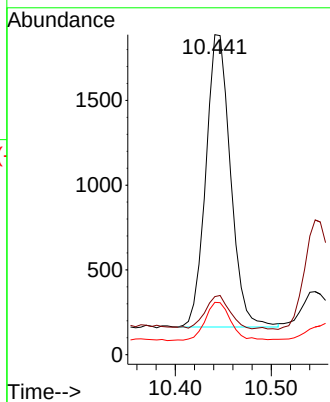
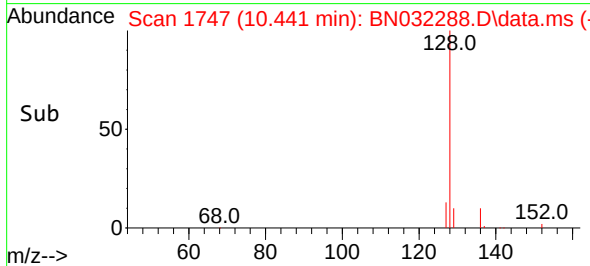
Instrument :
BNA_N
ClientSampleId :
A4B78



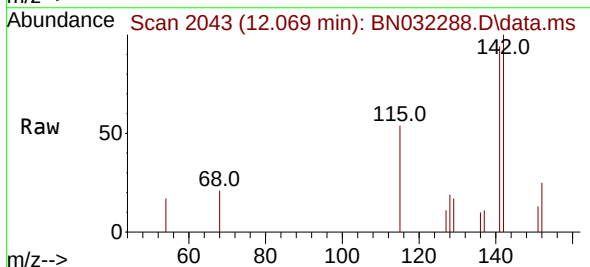
Tgt Ion:128 Resp: 3080
Ion Ratio Lower Upper
128 100
129 18.1 9.2 13.8
127 16.3 10.8 16.2

Manual Integrations
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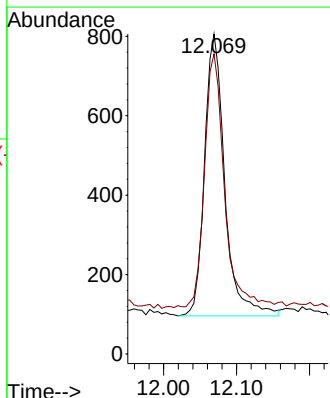
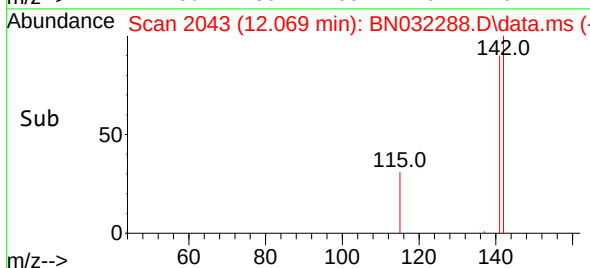
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

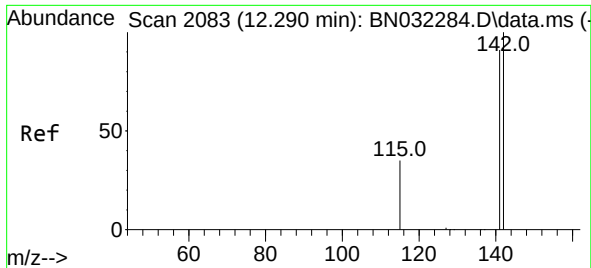


#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.069 min Scan# 2043
Delta R.T. -0.007 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05



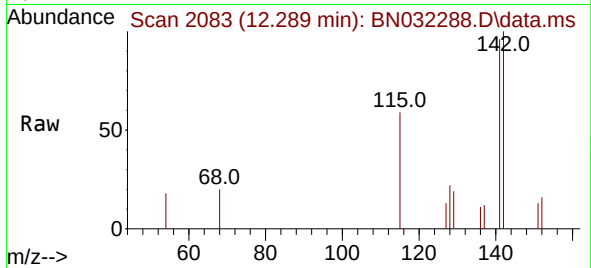
Tgt Ion:142 Resp: 1371
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.289 min Scan# 2083
Delta R.T. -0.007 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

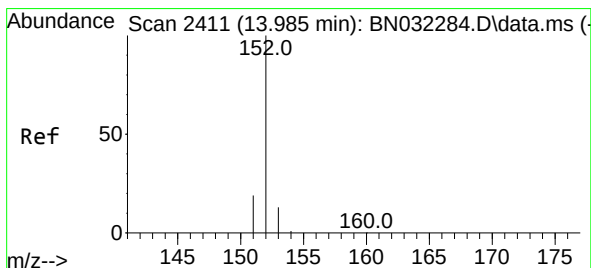
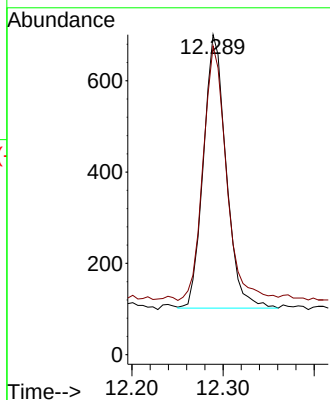
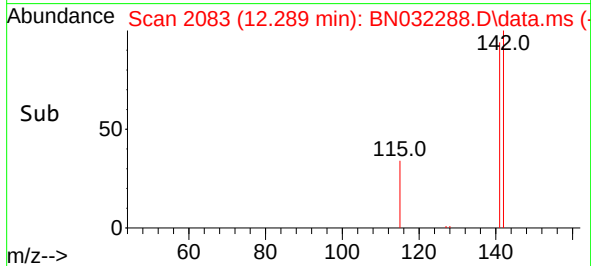
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1035
Ion Ratio Lower Upper
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141 97.1 73.4 110.0

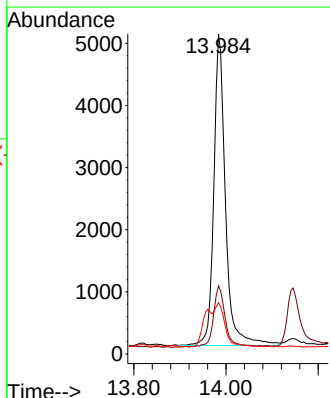
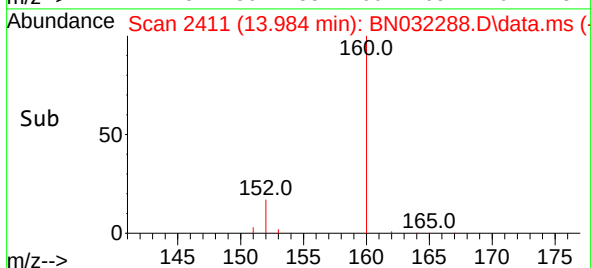
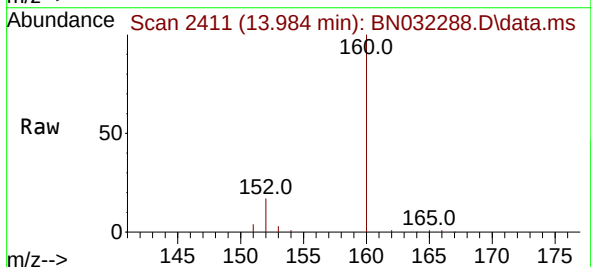
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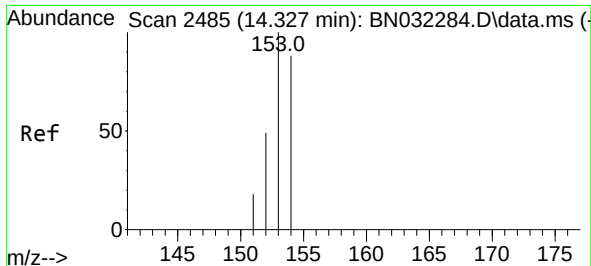
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#10
Acenaphthylene
Concen: 0.153 ng/ul
RT: 13.984 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

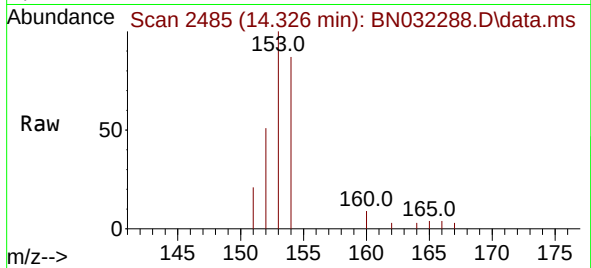
Tgt Ion:152 Resp: 8816
Ion Ratio Lower Upper
152 100
151 21.3 15.7 23.5
153 16.0 10.9 16.3





#11
Acenaphthene
Concen: 0.115 ng/ul
RT: 14.326 min Scan# 2485
Delta R.T. -0.006 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

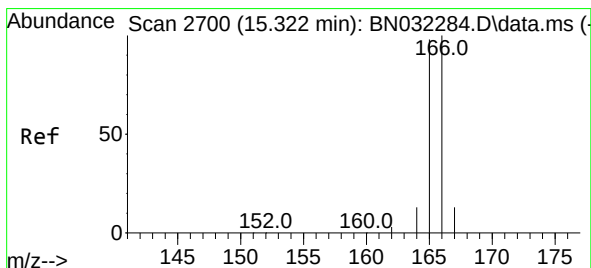
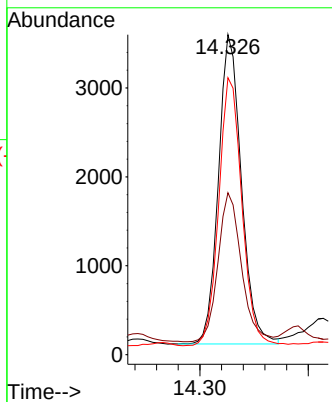
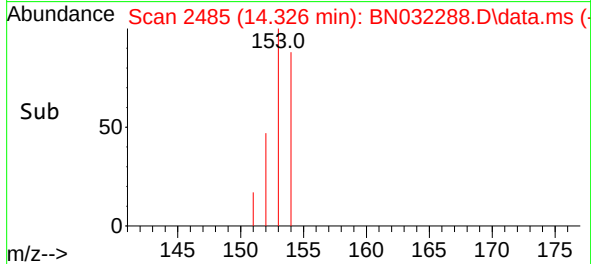
Instrument :
BNA_N
ClientSampleId :
A4B78



Tgt Ion:153 Resp: 5129
Ion Ratio Lower Upper
153 100
152 50.6 39.5 59.3
154 86.5 71.7 107.5

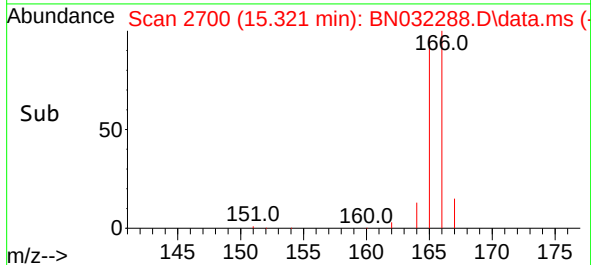
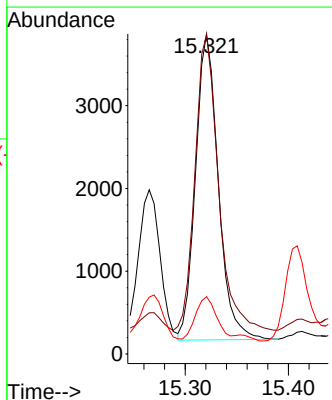
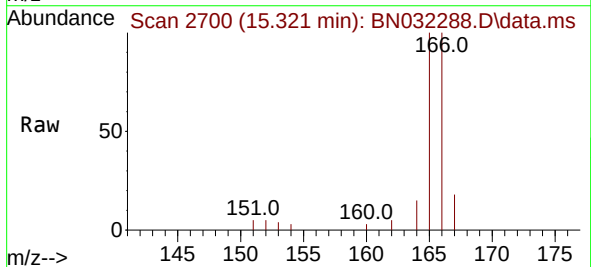
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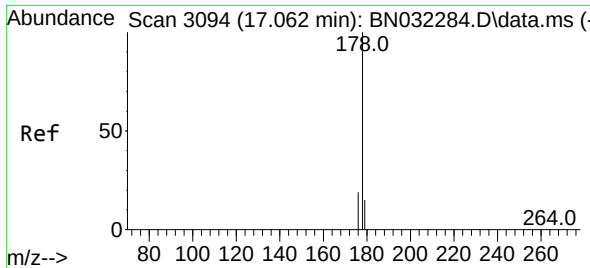
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#12
Fluorene
Concen: 0.106 ng/ul
RT: 15.321 min Scan# 2700
Delta R.T. -0.006 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

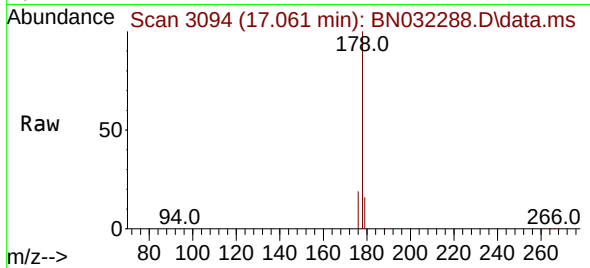
Tgt Ion:166 Resp: 5655
Ion Ratio Lower Upper
166 100
165 99.8 79.0 118.6
167 17.9 11.0 16.6#





#15
Phenanthrene
Concen: 1.844 ng/ul m
RT: 17.061 min Scan# 3094
Delta R.T. -0.005 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

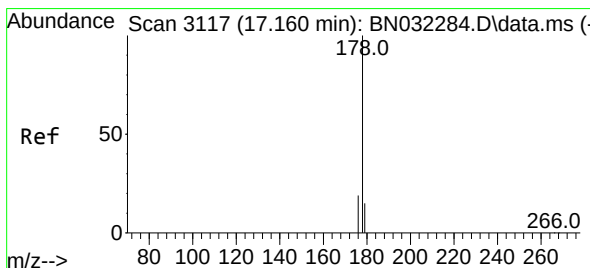
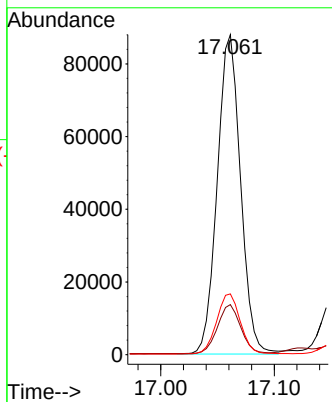
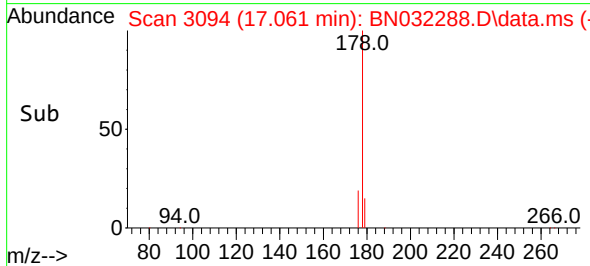
Instrument :
BNA_N
ClientSampleId :
A4B78



Tgt Ion:178 Resp: 125190
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.0 15.6 23.4

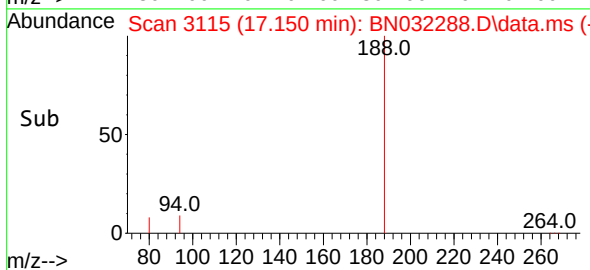
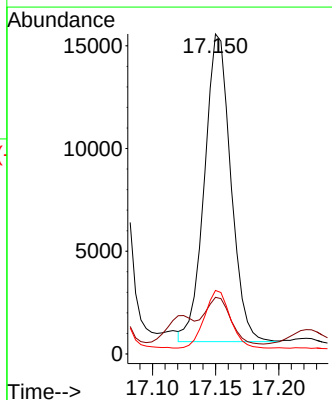
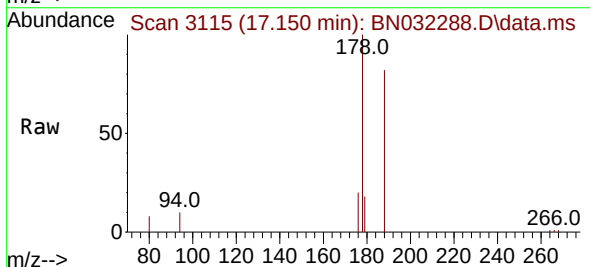
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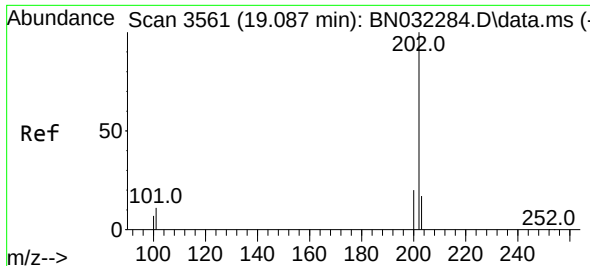
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#16
Anthracene
Concen: 0.359 ng/ul m
RT: 17.150 min Scan# 3115
Delta R.T. -0.010 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

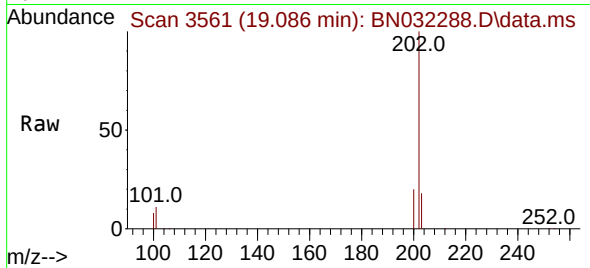
Tgt Ion:178 Resp: 21712
Ion Ratio Lower Upper
178 100
179 17.7 12.5 18.7
176 19.8 15.0 22.6





#19
Fluoranthene
Concen: 3.796 ng/ul m
RT: 19.086 min Scan# 3561
Delta R.T. -0.006 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

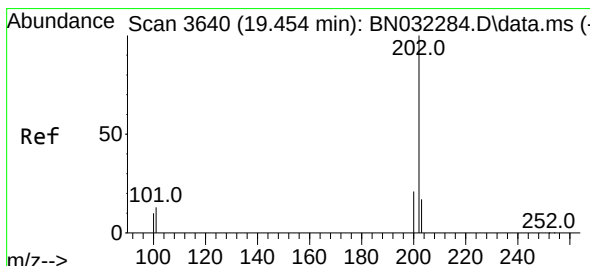
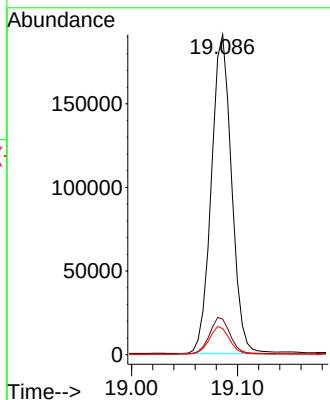
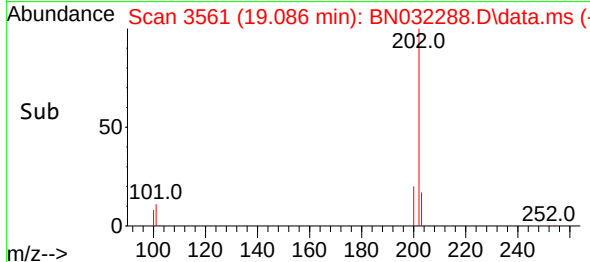
Instrument :
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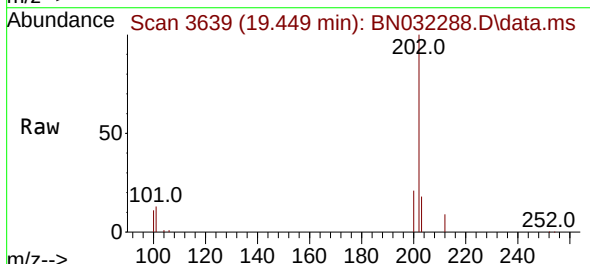
Tgt Ion:202 Resp: 25372
Ion Ratio Lower Upper
202 100
101 11.1 8.8 13.2
100 8.1 6.4 9.6

Manual Integrations
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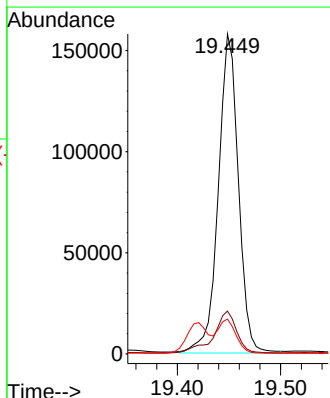
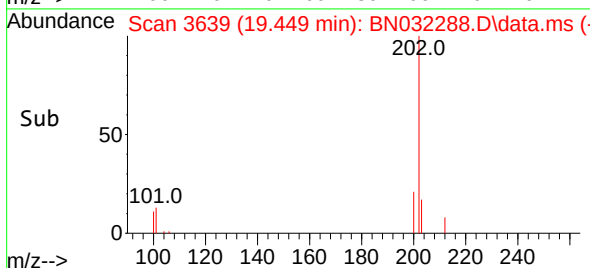
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

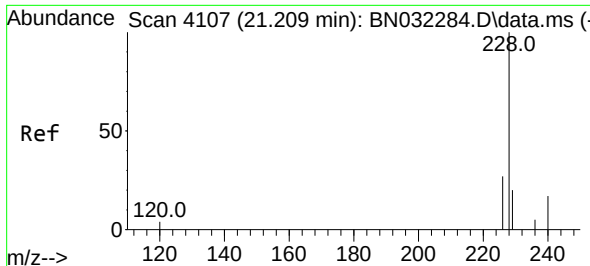


#20
Pyrene
Concen: 3.057 ng/ul m
RT: 19.449 min Scan# 3639
Delta R.T. -0.006 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05



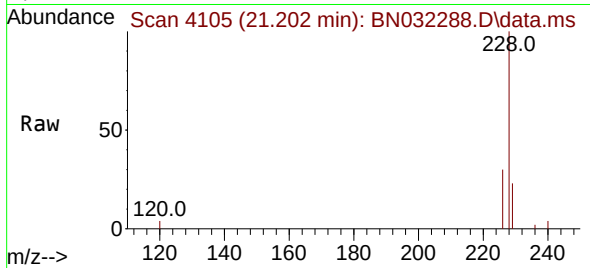
Tgt Ion:202 Resp: 213537
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.4
100 10.9 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.652 ng/ul m
RT: 21.202 min Scan# 4105
Delta R.T. -0.013 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

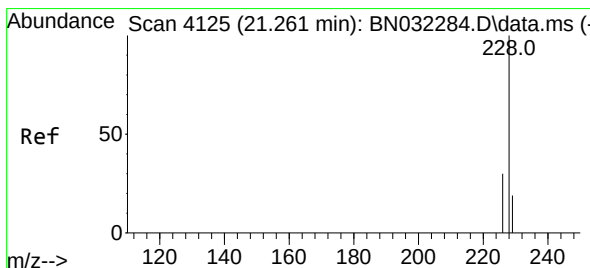
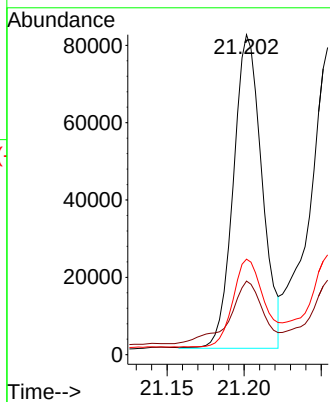
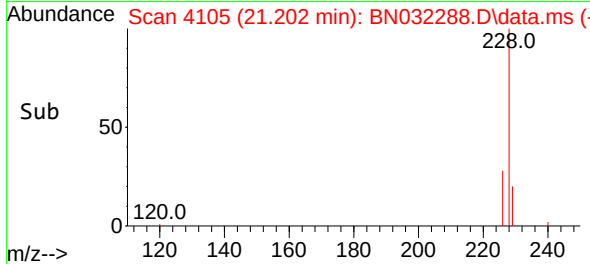
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 10463
Ion Ratio Lower Upper
228 100
229 23.0 15.7 23.5
226 29.9 21.8 32.8

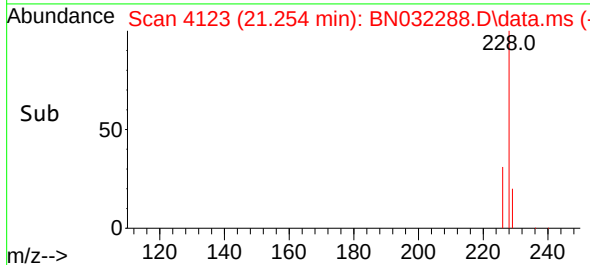
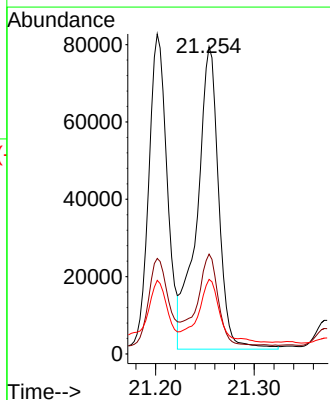
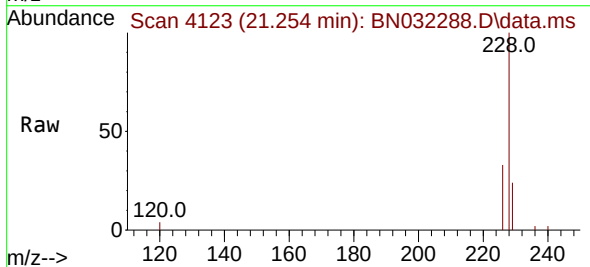
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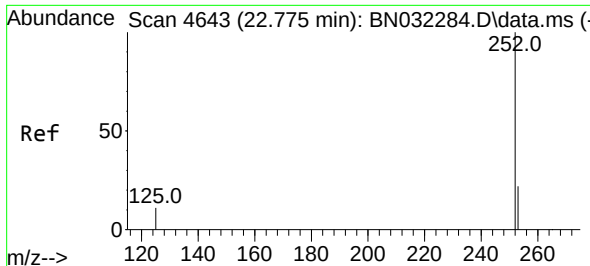
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#22
Chrysene
Concen: 1.724 ng/ul m
RT: 21.254 min Scan# 4123
Delta R.T. -0.013 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

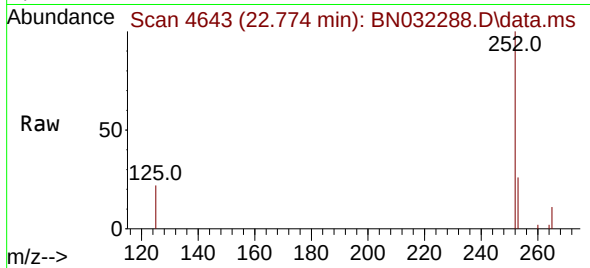
Tgt Ion:228 Resp: 119886
Ion Ratio Lower Upper
228 100
226 32.5 23.6 35.4
229 24.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.879 ng/ul m
RT: 22.774 min Scan# 4643
Delta R.T. -0.010 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

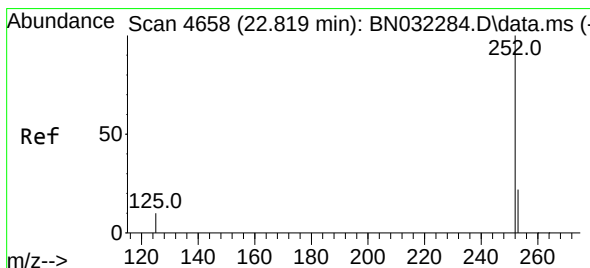
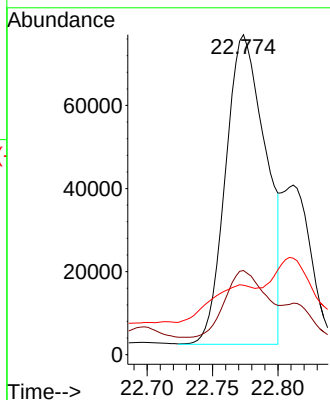
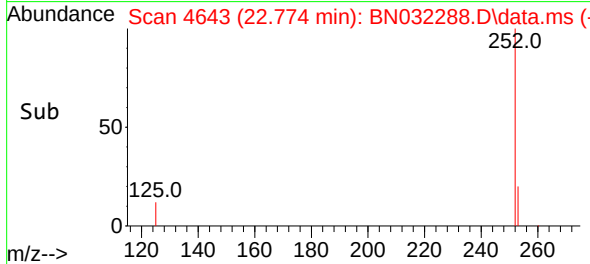
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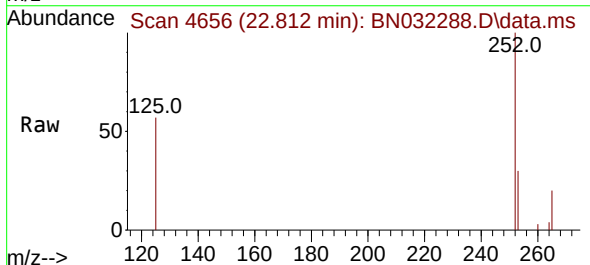
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Ion Ratio Lower Upper
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253 26.3 0.0 50.2
125 21.7 0.0 32.0

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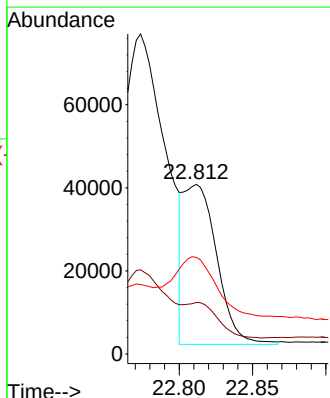
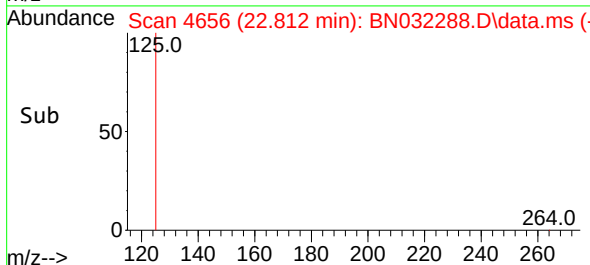
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

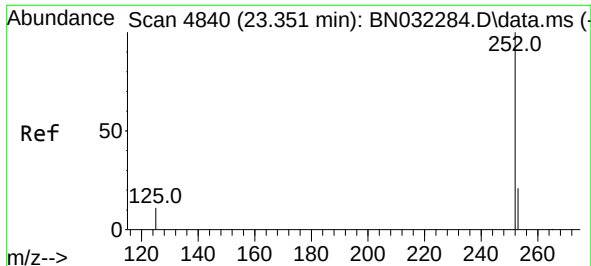


#25
Benzo(k)fluoranthene
Concen: 0.739 ng/ul m
RT: 22.812 min Scan# 4656
Delta R.T. -0.016 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05



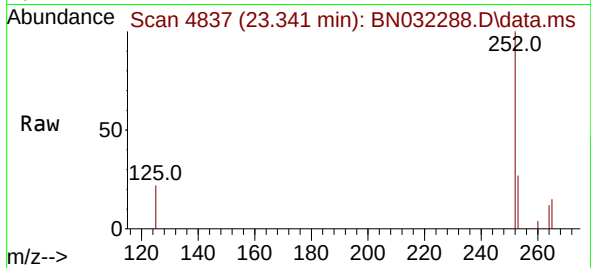
Tgt Ion:252 Resp: 60796
Ion Ratio Lower Upper
252 100
253 30.4 20.3 30.5
125 56.9 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 1.861 ng/ul m
RT: 23.341 min Scan# 4837
Delta R.T. -0.019 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

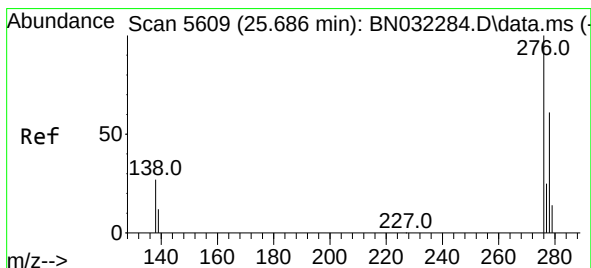
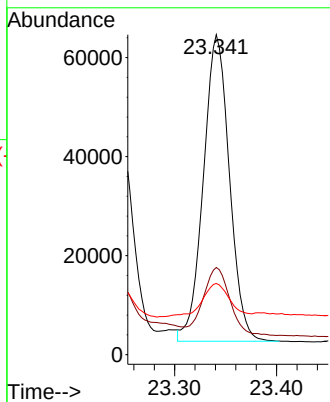
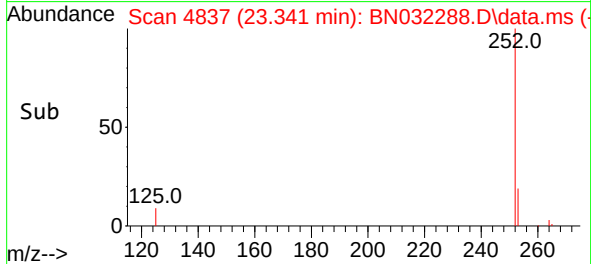
Instrument :
BNA_N
ClientSampleId :
A4B78



Tgt Ion:252 Resp: 109594
Ion Ratio Lower Upper
252 100
253 27.2 22.2 33.2
125 22.3 16.4 24.6

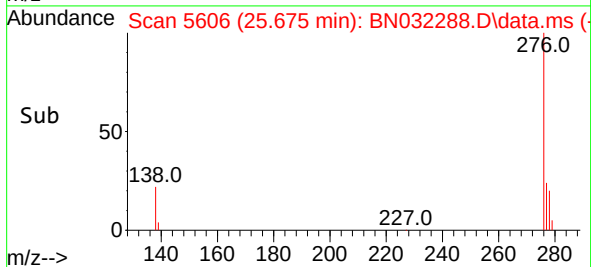
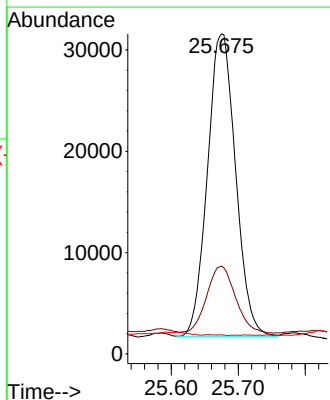
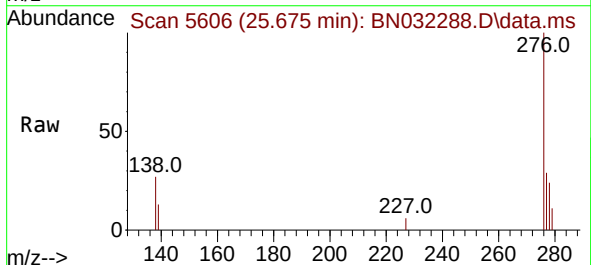
Manual Integrations
APPROVED

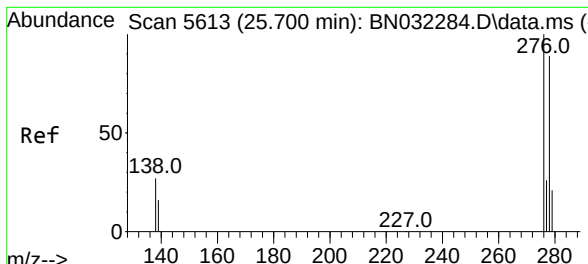
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.948 ng/ul m
RT: 25.675 min Scan# 5606
Delta R.T. -0.025 min
Lab File: BN032288.D
Acq: 27 Jun 2024 20:05

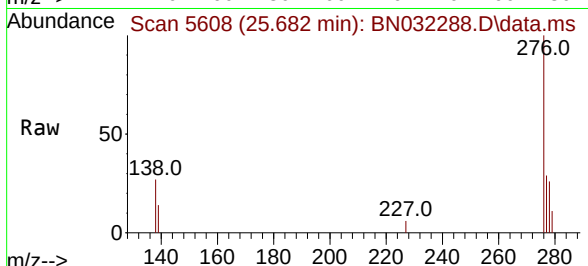
Tgt Ion:276 Resp: 87410
Ion Ratio Lower Upper
276 100
138 2.5 21.3 31.9#
227 0.0 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.333 ng/ul m
 RT: 25.682 min Scan# 5608
 Delta R.T. -0.028 min
 Lab File: BN032288.D
 Acq: 27 Jun 2024 20:05

Instrument :
 BNA_N
 ClientSampleId :
 A4B78

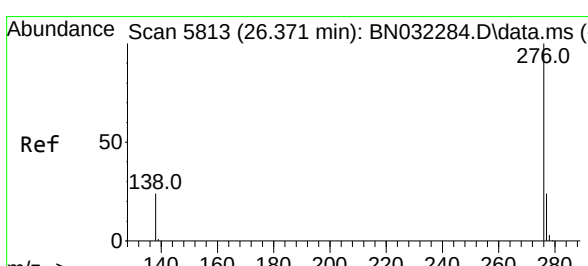
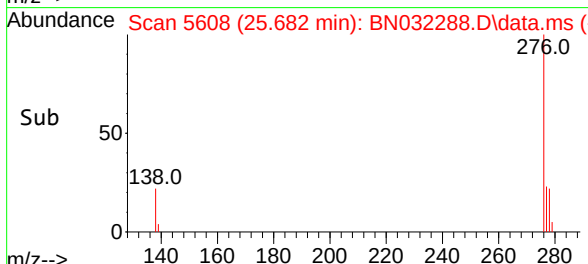
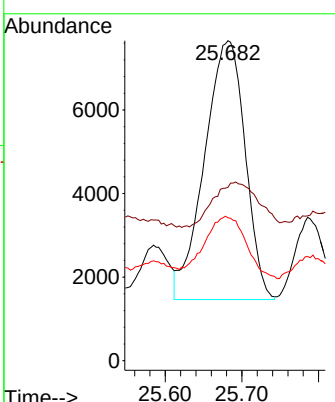


Tgt Ion: 278 Resp: 2284

Ion	Ratio	Lower	Upper
278	100		
139	54.2	15.9	23.9
279	44.6	21.1	31.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/28/2024



#29
 Benzo(g,h,i)perylene
 Concen: 1.210 ng/ul m
 RT: 26.366 min Scan# 5812
 Delta R.T. -0.015 min
 Lab File: BN032288.D
 Acq: 27 Jun 2024 20:05

Tgt Ion: 276 Resp: 88884

Ion	Ratio	Lower	Upper
276	100		
138	27.8	19.8	29.6
277	28.4	19.8	29.6

