

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032289.D
 Acq On : 27 Jun 2024 20:42
 Operator : MA/JU
 Sample : P2909-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B81

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 00:27:42 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	7370	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	21426	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.267	164	11671	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.020	188	22110m	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	17862m	0.400	ng/ul	0.00
23) Perylene-d12	23.439	264	19649m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	31453	3.839	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	7982	0.248	ng/ul	0.00
18) Fluoranthene-d10	19.055	212	15416m	0.287	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.442	128	3290	0.058	ng/ul#	89
7) 2-Methylnaphthalene	12.070	142	1316	0.035	ng/ul	98
8) 1-Methylnaphthalene	12.290	142	893	0.023	ng/ul	95
10) Acenaphthylene	13.985	152	4630	0.095	ng/ul#	92
11) Acenaphthene	14.327	153	6257	0.166	ng/ul	99
12) Fluorene	15.317	166	7641	0.170	ng/ul	99
15) Phenanthrene	17.058	178	128558m	2.121	ng/ul	
16) Anthracene	17.151	178	27778m	0.514	ng/ul	
19) Fluoranthene	19.083	202	269674m	3.965	ng/ul	
20) Pyrene	19.450	202	221823m	3.121	ng/ul	
21) Benzo(a)anthracene	21.203	228	115814m	1.796	ng/ul	
22) Chrysene	21.255	228	129495m	1.830	ng/ul	
24) Benzo(b)fluoranthene	22.772	252	174846m	2.048	ng/ul	
25) Benzo(k)fluoranthene	22.810	252	69245m	0.835	ng/ul	
26) Benzo(a)pyrene	23.339	252	112804m	1.899	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.673	276	89992m	0.968	ng/ul	
28) Dibenzo(a,h)anthracene	25.680	278	23831m	0.345	ng/ul	
29) Benzo(g,h,i)perylene	26.361	276	89407m	1.207	ng/ul	

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

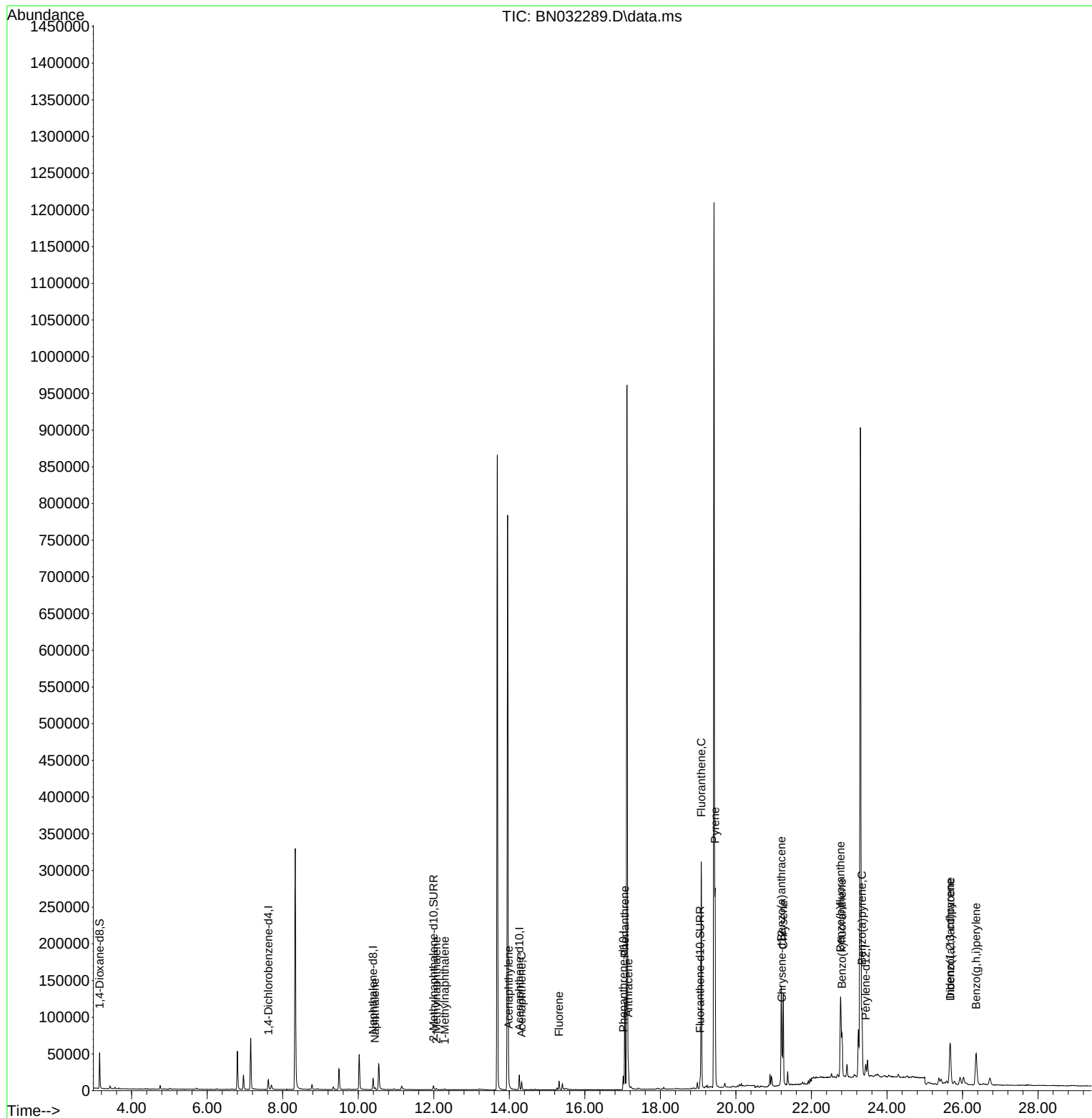
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032289.D
Acq On : 27 Jun 2024 20:42
Operator : MA/JU
Sample : P2909-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

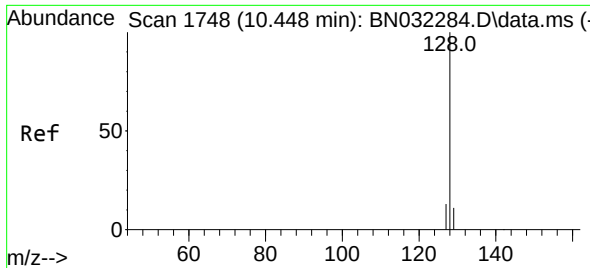
Instrument :
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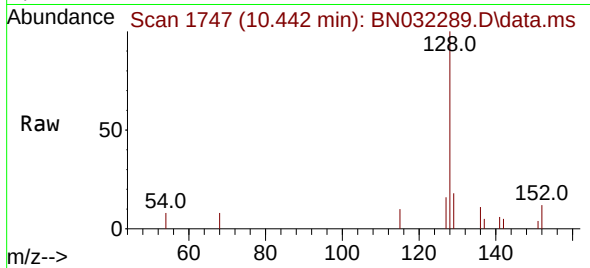
Quant Time: Jun 28 00:27:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

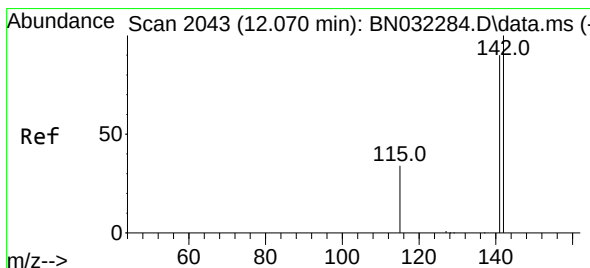
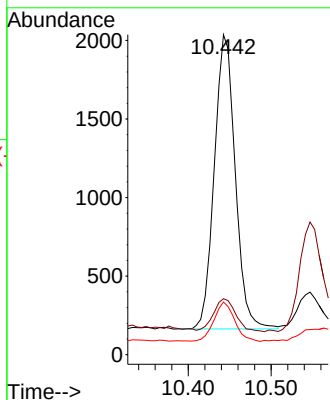
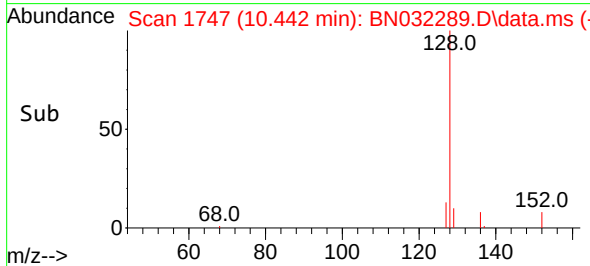
Instrument :
BNA_N
ClientSampleId :
A4B81



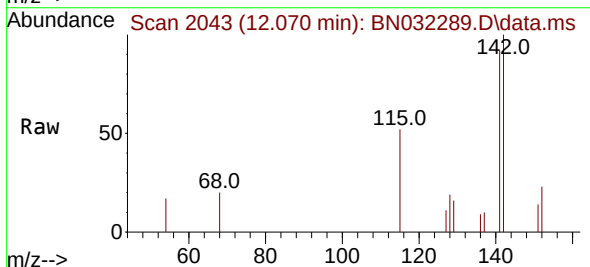
Tgt Ion:128 Resp: 3290
Ion Ratio Lower Upper
128 100
129 17.5 9.2 13.8
127 16.4 10.8 16.2

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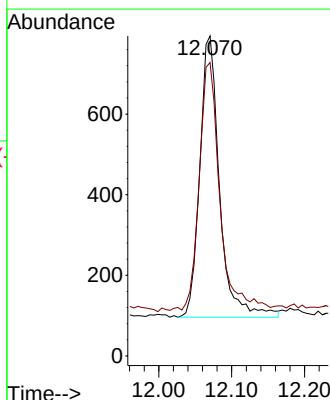
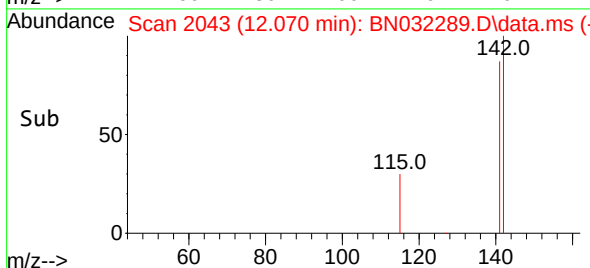
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

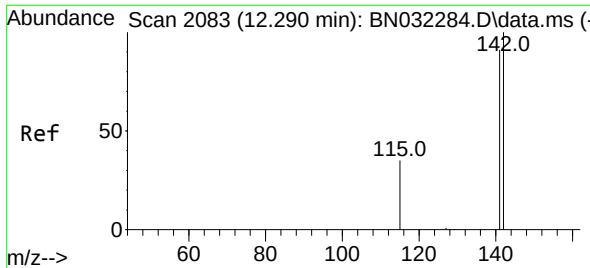


#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.070 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42



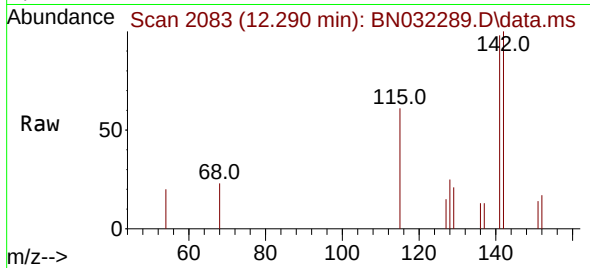
Tgt Ion:142 Resp: 1316
Ion Ratio Lower Upper
142 100
141 92.2 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.290 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

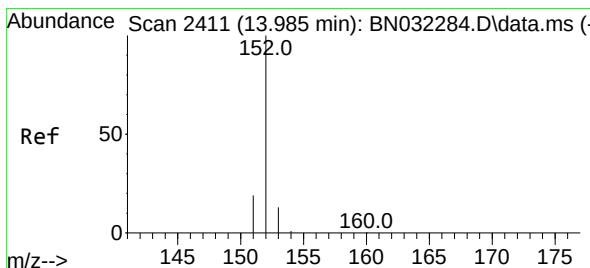
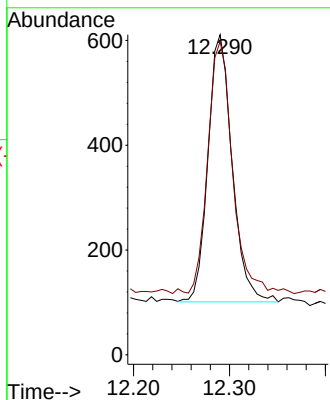
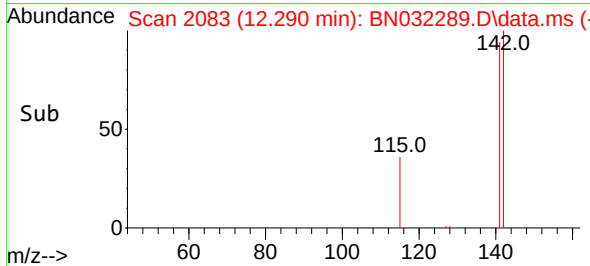
Instrument :
BNA_N
ClientSampleId :
A4B81



Tgt Ion:142 Resp: 89
Ion Ratio Lower Upper
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141 96.6 73.4 110.0

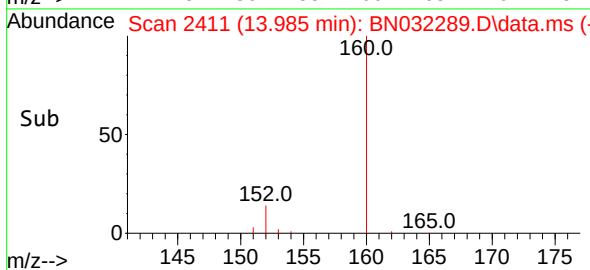
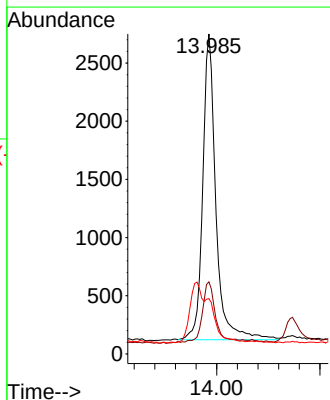
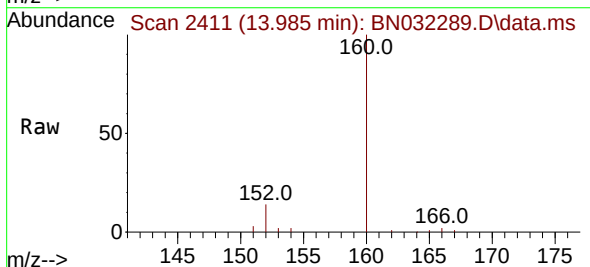
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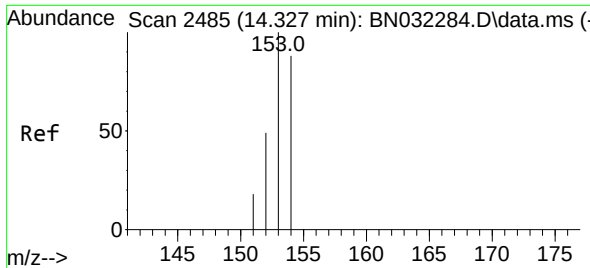
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#10
Acenaphthylene
Concen: 0.095 ng/ul
RT: 13.985 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

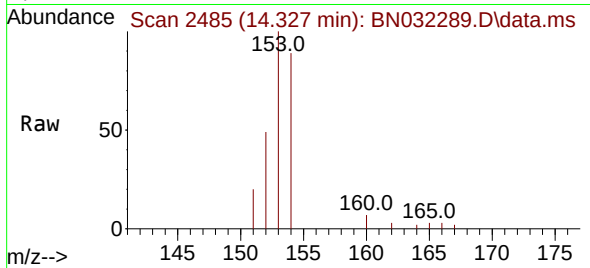
Tgt Ion:152 Resp: 4630
Ion Ratio Lower Upper
152 100
151 22.5 15.7 23.5
153 17.3 10.9 16.3#





#11
Acenaphthene
Concen: 0.166 ng/ul
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

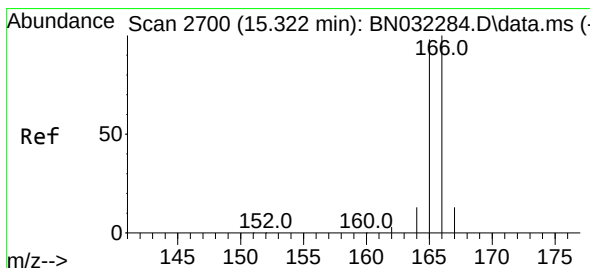
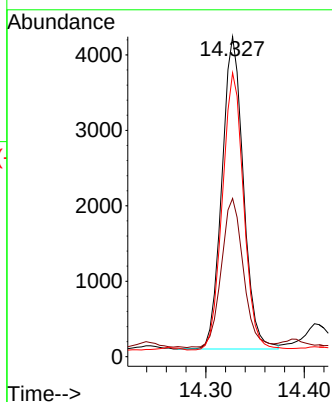
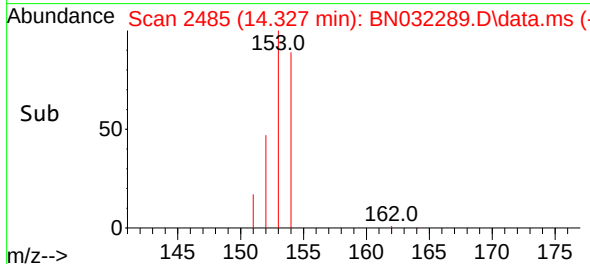
Instrument :
BNA_N
ClientSampleId :
A4B81



Tgt Ion:153 Resp: 625
Ion Ratio Lower Upper
153 100
152 49.5 39.5 59.3
154 88.7 71.7 107.5

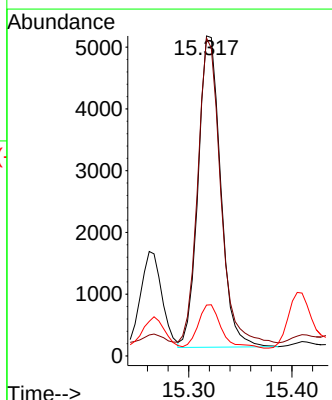
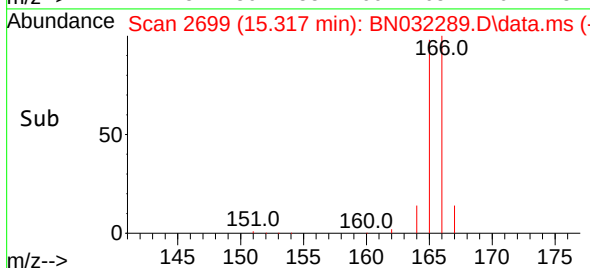
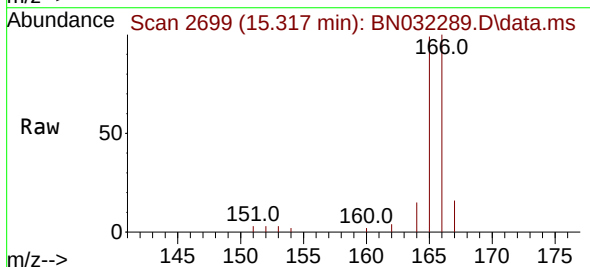
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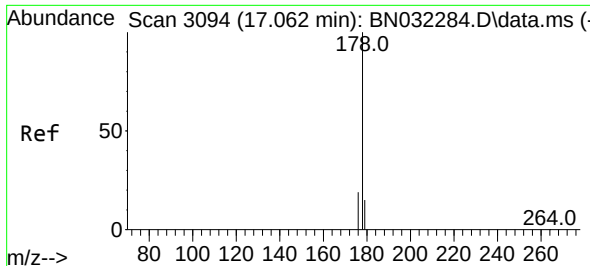
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#12
Fluorene
Concen: 0.170 ng/ul
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

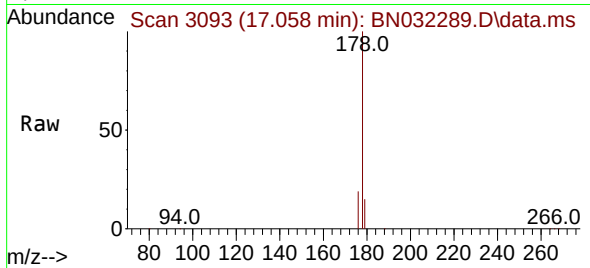
Tgt Ion:166 Resp: 7641
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 15.9 11.0 16.6





#15
Phenanthrene
Concen: 2.121 ng/ul m
RT: 17.058 min Scan# 3094
Delta R.T. -0.008 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

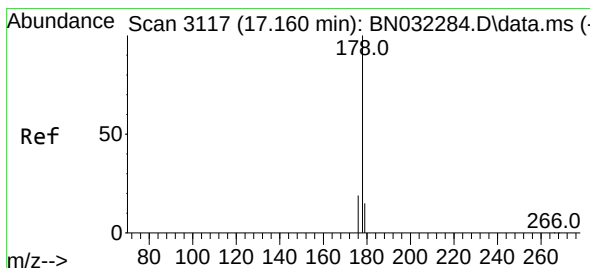
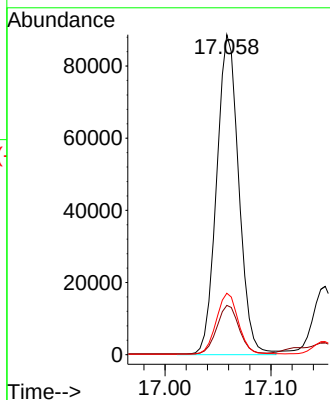
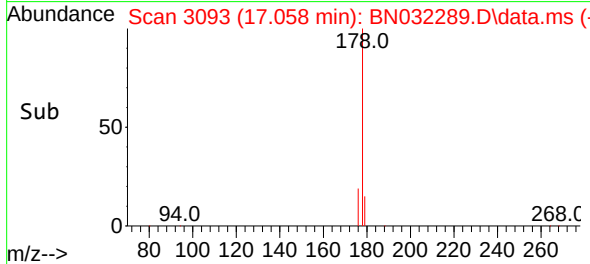
Instrument :
BNA_N
ClientSampleId :
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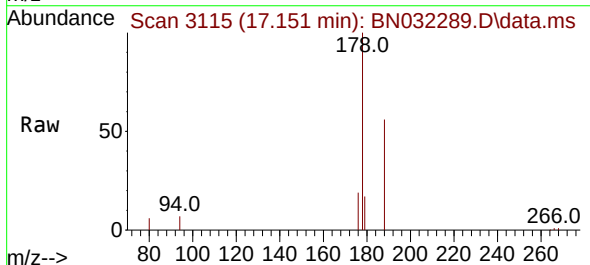
Tgt Ion:178 Resp: 128558
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.6 23.4

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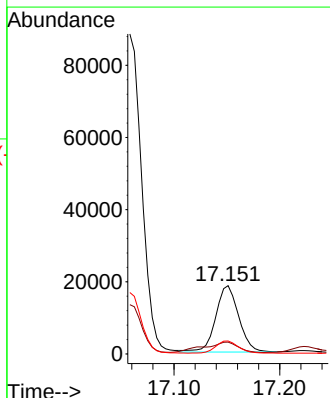
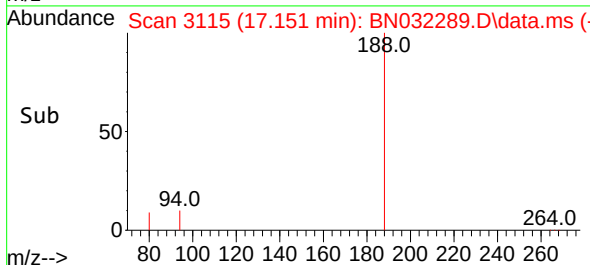
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

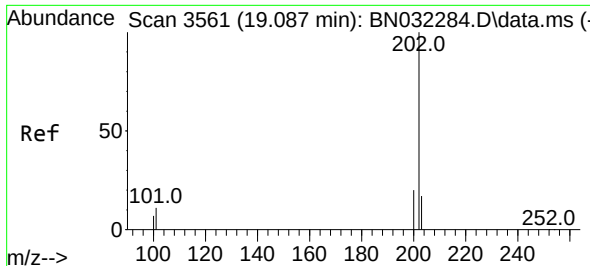


#16
Anthracene
Concen: 0.514 ng/ul m
RT: 17.151 min Scan# 3115
Delta R.T. -0.008 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42



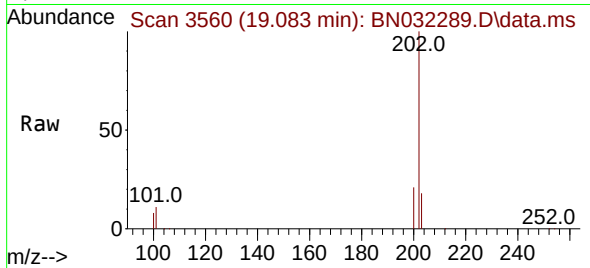
Tgt Ion:178 Resp: 27778
Ion Ratio Lower Upper
178 100
179 17.3 12.5 18.7
176 18.9 15.0 22.6





#19
Fluoranthene
Concen: 3.965 ng/ul m
RT: 19.083 min Scan# 3561
Delta R.T. -0.009 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

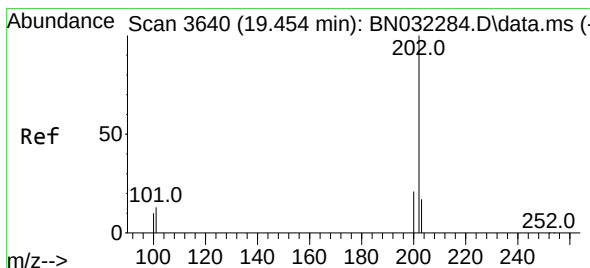
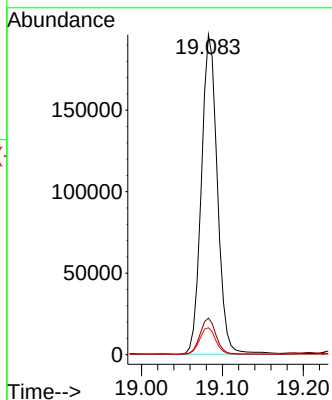
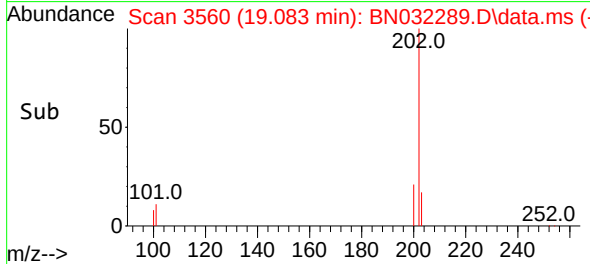
Instrument :
BNA_N
ClientSampleId :
A4B81



Tgt Ion:202 Resp: 269674
Ion Ratio Lower Upper
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101 11.4 8.8 13.2
100 8.4 6.4 9.6

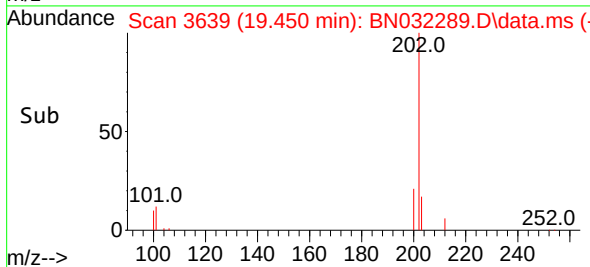
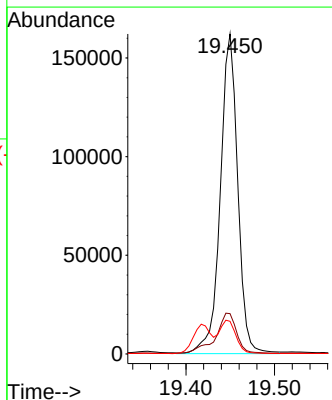
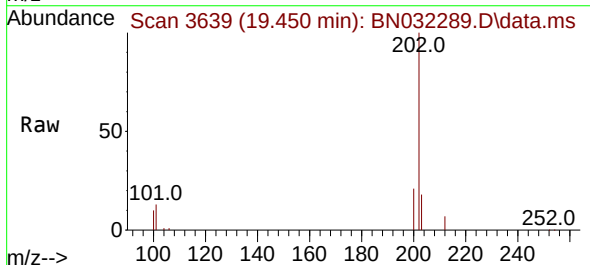
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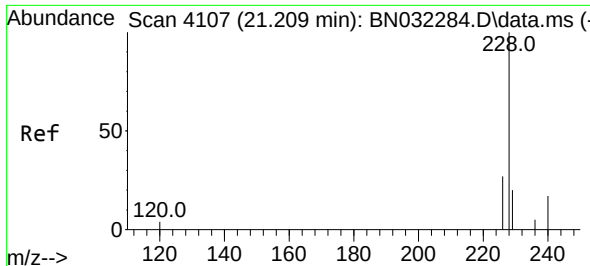
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#20
Pyrene
Concen: 3.121 ng/ul m
RT: 19.450 min Scan# 3639
Delta R.T. -0.005 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

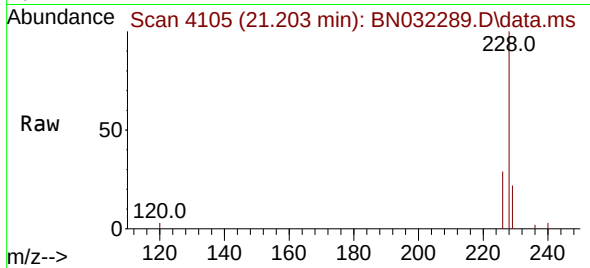
Tgt Ion:202 Resp: 221823
Ion Ratio Lower Upper
202 100
101 12.6 11.0 16.4
100 10.2 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.796 ng/ul m
RT: 21.203 min Scan# 4105
Delta R.T. -0.012 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

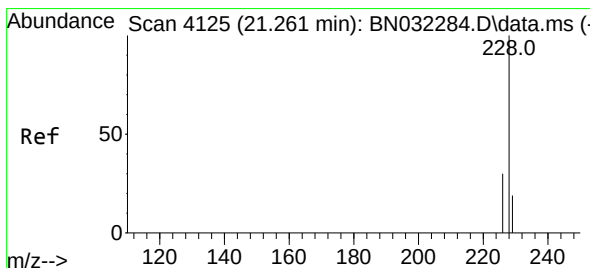
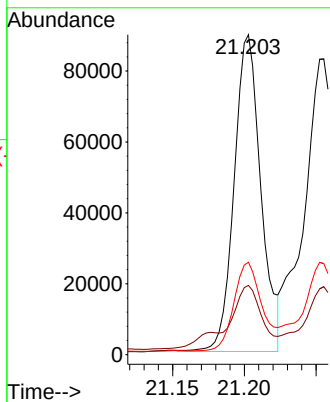
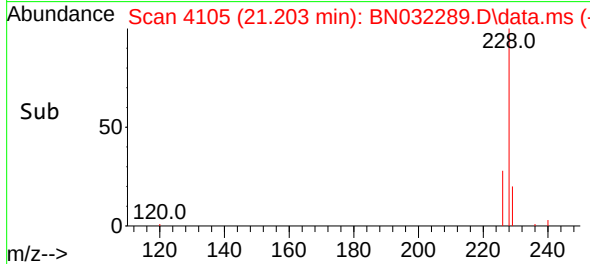
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 115814
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 28.9 21.8 32.8

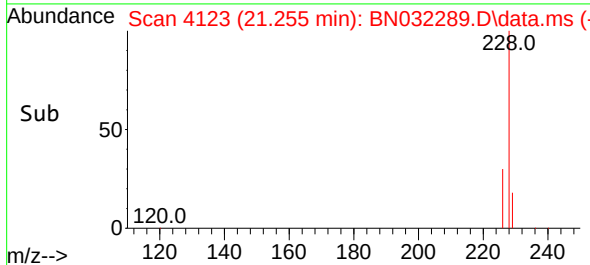
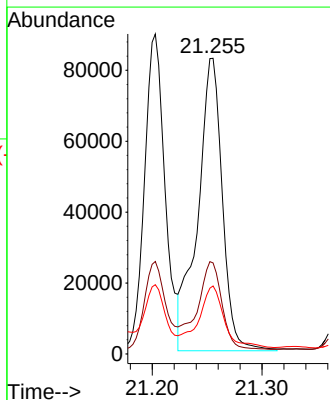
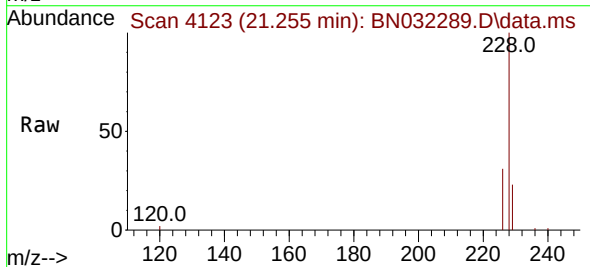
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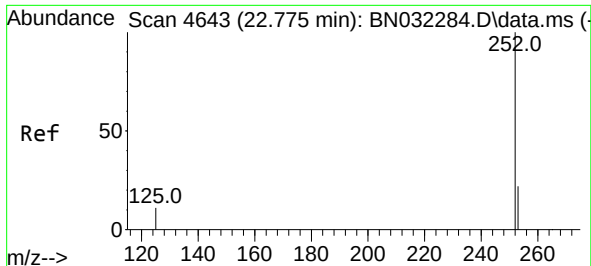
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#22
Chrysene
Concen: 1.830 ng/ul m
RT: 21.255 min Scan# 4123
Delta R.T. -0.012 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

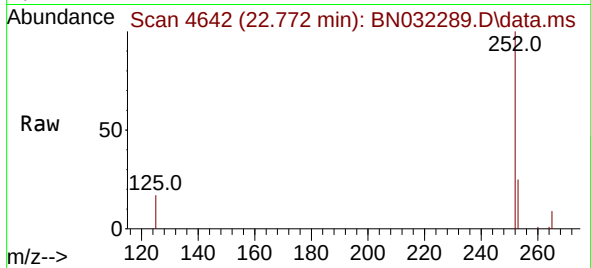
Tgt Ion:228 Resp: 129495
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 23.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.048 ng/ul m
RT: 22.772 min Scan# 4643
Delta R.T. -0.012 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

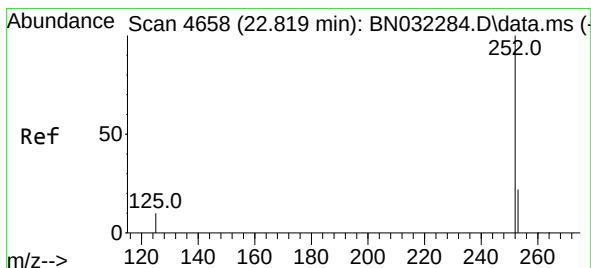
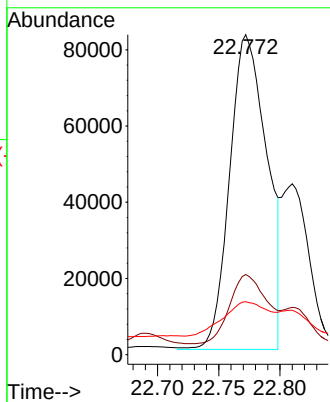
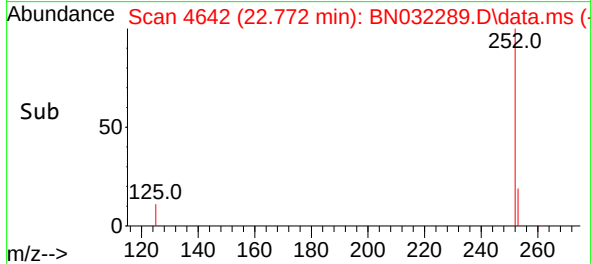
Instrument :
BNA_N
ClientSampleId :
A4B81



Tgt Ion:252 Resp: 174840
Ion Ratio Lower Upper
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253 25.1 0.0 50.2
125 16.6 0.0 32.0

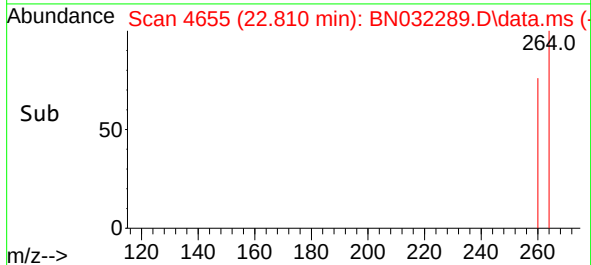
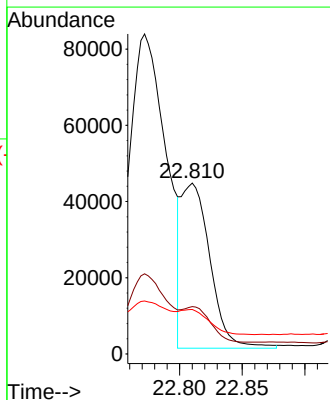
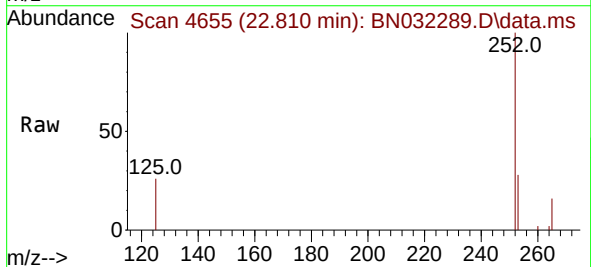
Manual Integrations
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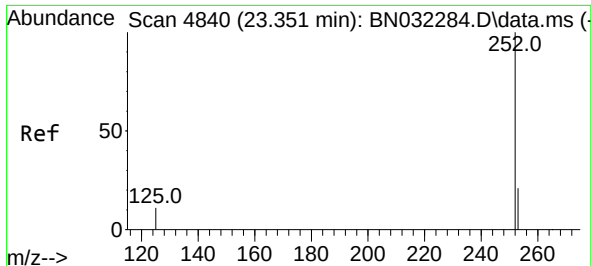
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#25
Benzo(k)fluoranthene
Concen: 0.835 ng/ul m
RT: 22.810 min Scan# 4655
Delta R.T. -0.018 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

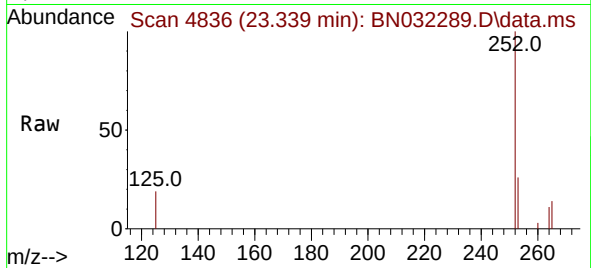
Tgt Ion:252 Resp: 69245
Ion Ratio Lower Upper
252 100
253 27.7 20.3 30.5
125 26.0 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 1.899 ng/ul m
RT: 23.339 min Scan# 4836
Delta R.T. -0.020 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

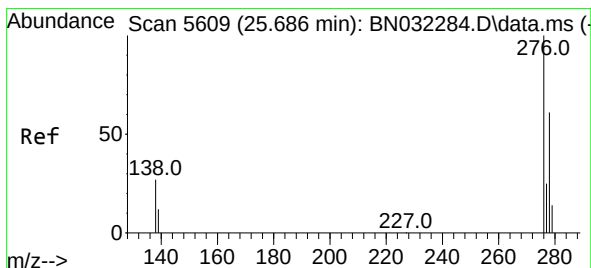
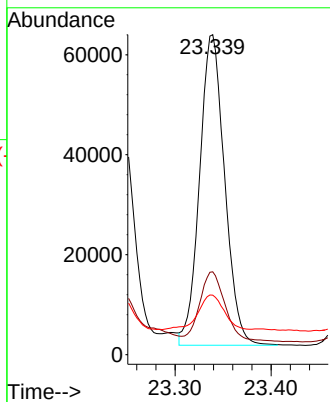
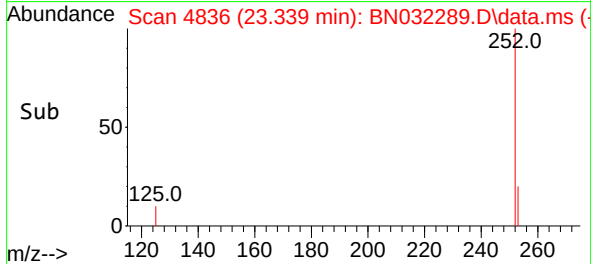
Instrument :
BNA_N
ClientSampleId :
A4B81



Tgt Ion:252 Resp: 112804
Ion Ratio Lower Upper
252 100
253 25.9 22.2 33.2
125 18.6 16.4 24.6

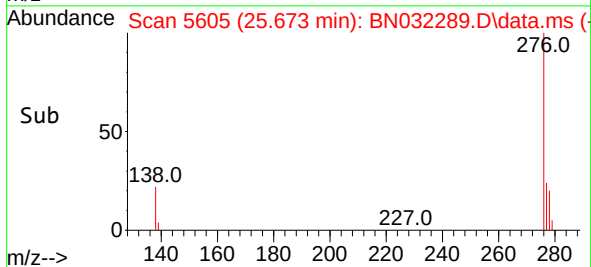
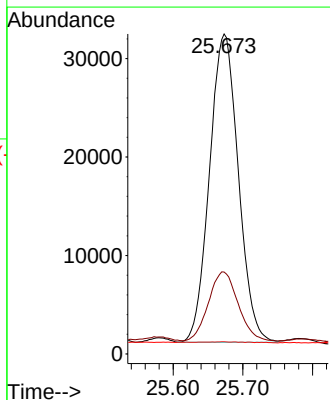
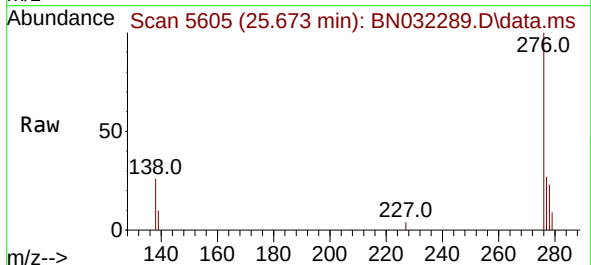
Manual Integrations
APPROVED

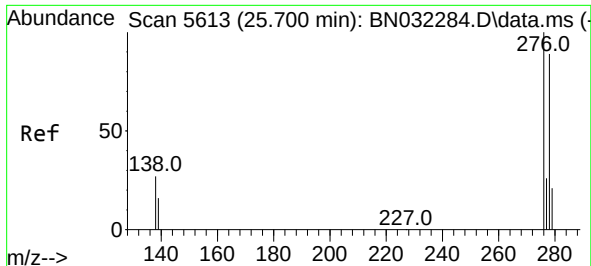
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.968 ng/ul m
RT: 25.673 min Scan# 5605
Delta R.T. -0.027 min
Lab File: BN032289.D
Acq: 27 Jun 2024 20:42

Tgt Ion:276 Resp: 89992
Ion Ratio Lower Upper
276 100
138 2.5 21.3 31.9#
227 0.3 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.345 ng/ul m

RT: 25.680 min Scan# 5613

Delta R.T. -0.030 min

Lab File: BN032289.D

Acq: 27 Jun 2024 20:42

Instrument :

BNA_N

ClientSampleId :

A4B81

Tgt Ion:278 Resp: 2383

Ion Ratio Lower Upper

278 100

139 41.1 15.9 23.9

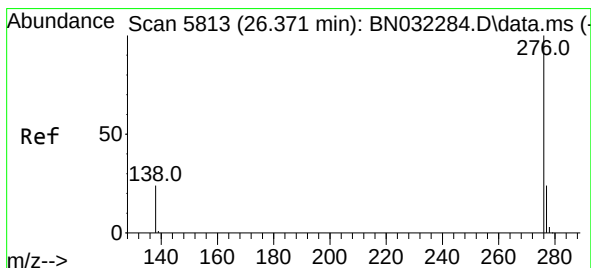
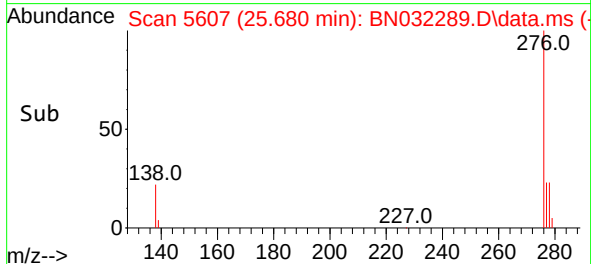
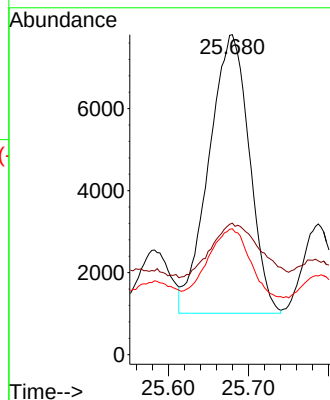
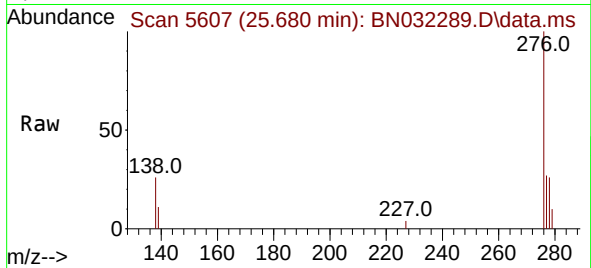
279 39.3 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :mohammad ahmed 06/28/2024



#29

Benzo(g,h,i)perylene

Concen: 1.207 ng/ul m

RT: 26.361 min Scan# 5810

Delta R.T. -0.020 min

Lab File: BN032289.D

Acq: 27 Jun 2024 20:42

Tgt Ion:276 Resp: 89407

Ion Ratio Lower Upper

276 100

138 25.7 19.8 29.6

277 26.3 19.8 29.6

