

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032295.D
 Acq On : 28 Jun 2024 00:19
 Operator : MA/JU
 Sample : P2909-03DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B78DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 01:25:43 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	9592	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	27807	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	14305	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	25561	0.400	ng/ul	0.00
17) Chrysene-d12	21.214	240	21027	0.400	ng/ul	#-0.01
23) Perylene-d12	23.433	264	25064	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.156	96	3334	0.313	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	1637	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.050	212	3383	0.053	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.985	152	2043	0.034	ng/ul#	84
11) Acenaphthene	14.327	153	1030	0.022	ng/ul	95
12) Fluorene	15.317	166	1182	0.021	ng/ul#	93
15) Phenanthrene	17.058	178	25256	0.360	ng/ul	99
16) Anthracene	17.151	178	5034	0.081	ng/ul#	90
19) Fluoranthene	19.083	202	53123	0.663	ng/ul	98
20) Pyrene	19.445	202	46992	0.562	ng/ul	100
21) Benzo(a)anthracene	21.200	228	23746	0.313	ng/ul#	92
22) Chrysene	21.252	228	25368	0.305	ng/ul#	92
24) Benzo(b)fluoranthene	22.769	252	39061m	0.359	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	14077m	0.133	ng/ul	
26) Benzo(a)pyrene	23.333	252	25197	0.333	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.670	276	22174	0.187	ng/ul	93
28) Dibenzo(a,h)anthracene	25.680	278	6050	0.069	ng/ul#	22
29) Benzo(g,h,i)perylene	26.357	276	21539	0.228	ng/ul#	86

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

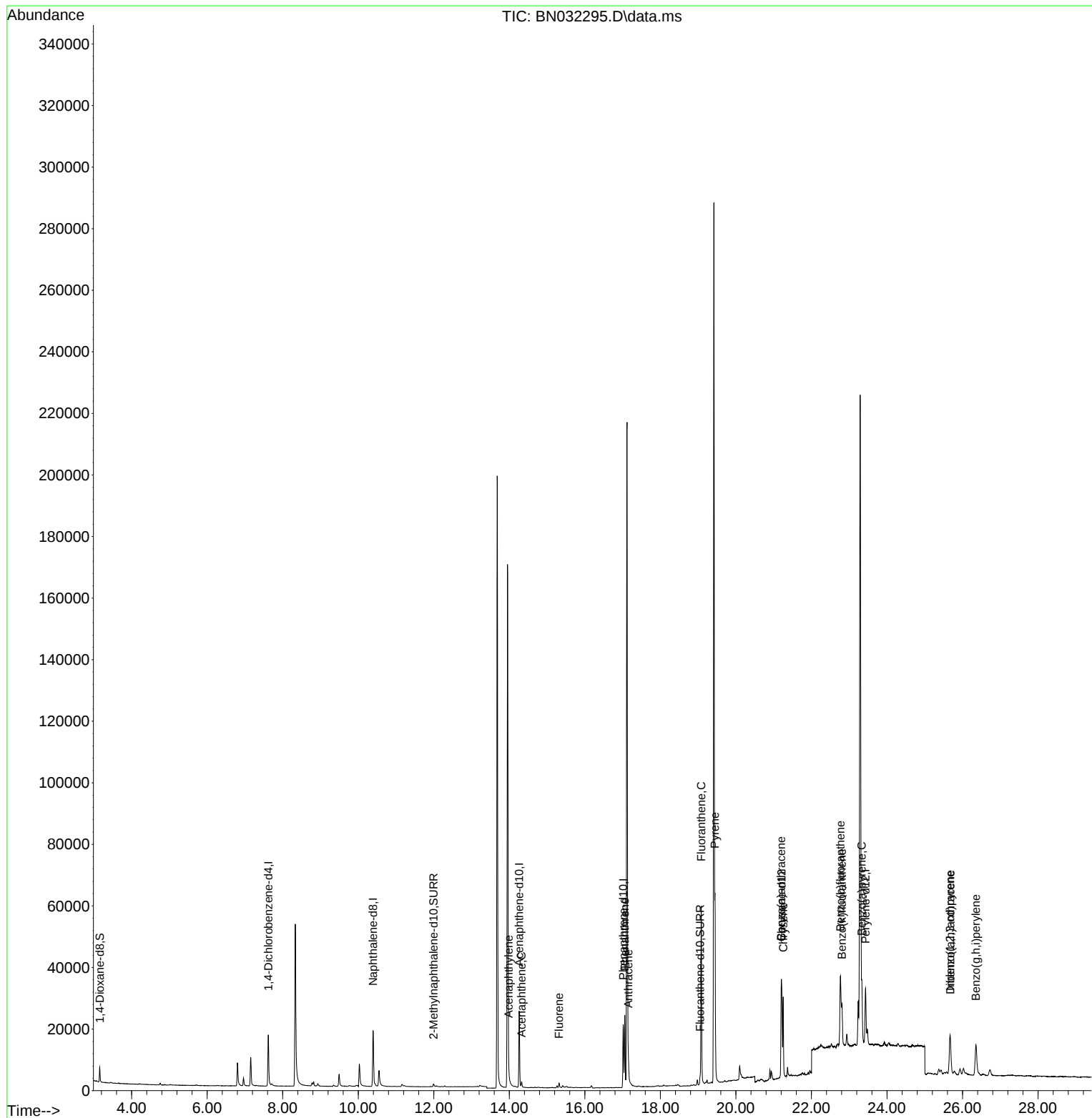
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032295.D
Acq On : 28 Jun 2024 00:19
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ALS Vial : 24 Sample Multiplier: 1

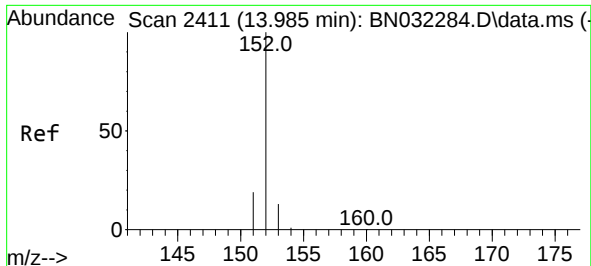
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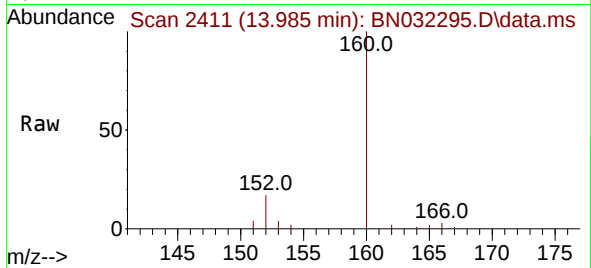
Quant Time: Jun 28 01:25:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.985 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032295.D
Acq: 28 Jun 2024 00:19

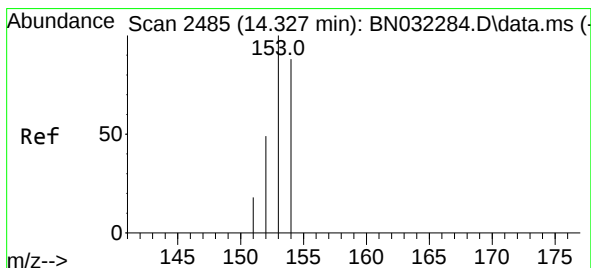
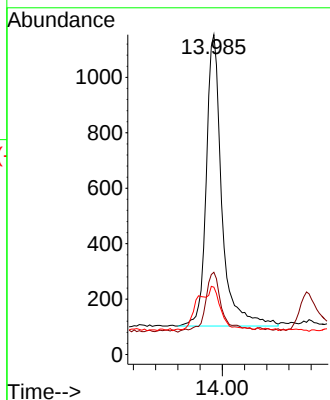
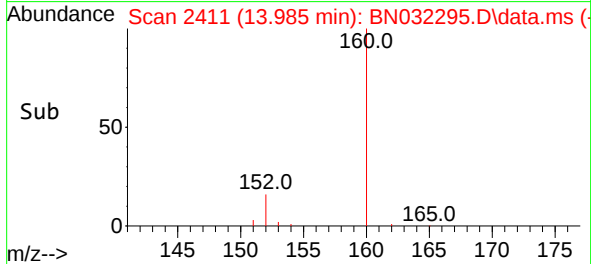
Instrument :
BNA_N
ClientSampleId :
A4B78DL



Tgt Ion:152 Resp: 204
Ion Ratio Lower Upper
152 100
151 25.7 15.7 23.5
153 21.1 10.9 16.3

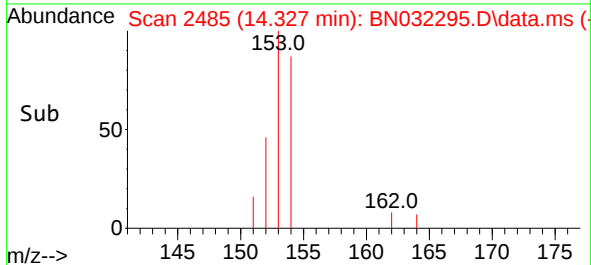
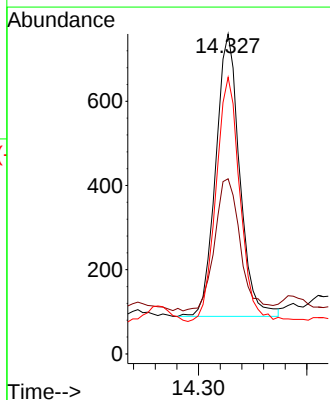
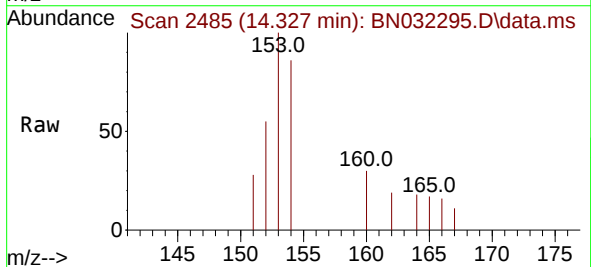
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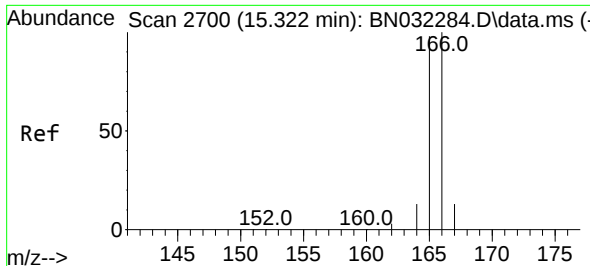
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032295.D
Acq: 28 Jun 2024 00:19

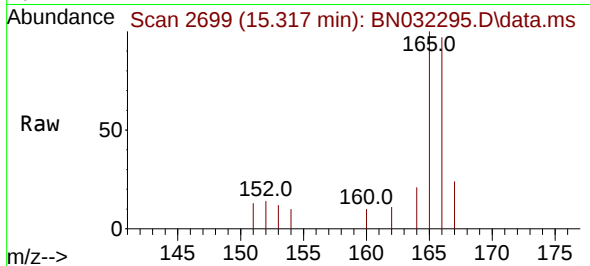
Tgt Ion:153 Resp: 1030
Ion Ratio Lower Upper
153 100
152 54.7 39.5 59.3
154 86.4 71.7 107.5





#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032295.D
Acq: 28 Jun 2024 00:19

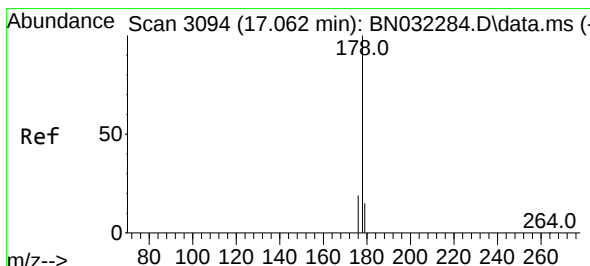
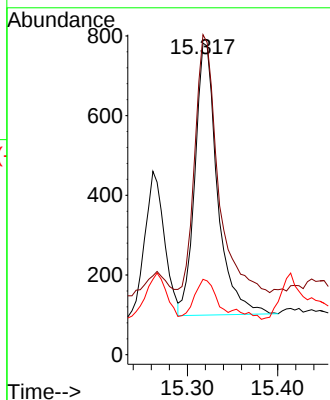
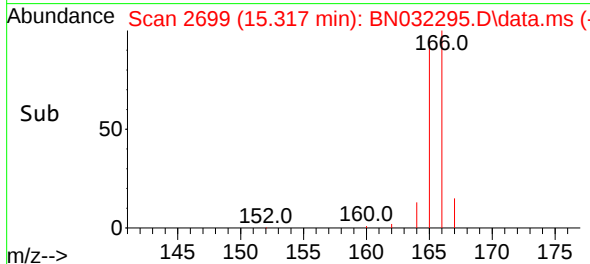
Instrument :
BNA_N
ClientSampleId :
A4B78DL



Tgt Ion:166 Resp: 118
Ion Ratio Lower Upper
166 100
165 102.7 79.0 118.6
167 24.2 11.0 16.6

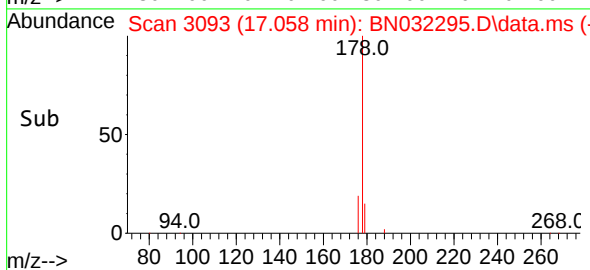
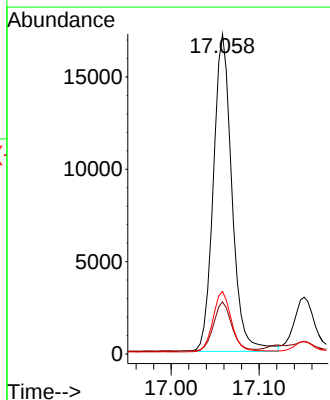
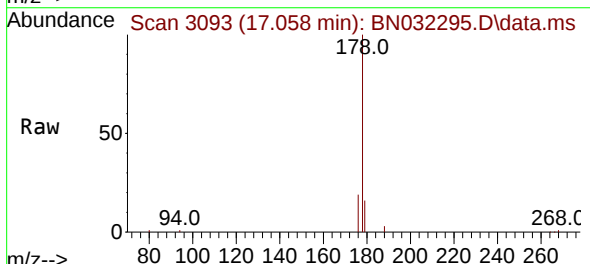
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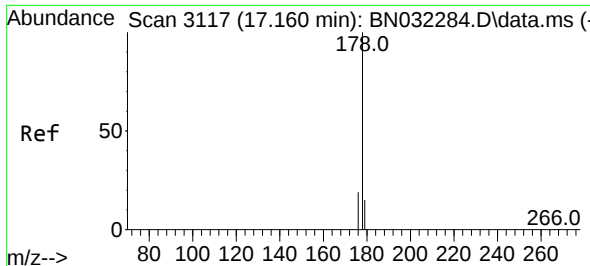
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.058 min Scan# 3093
Delta R.T. -0.008 min
Lab File: BN032295.D
Acq: 28 Jun 2024 00:19

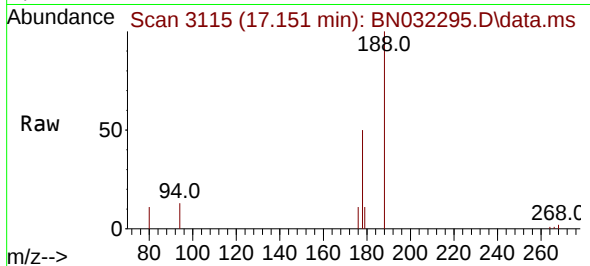
Tgt Ion:178 Resp: 25256
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.5 15.6 23.4





#16
 Anthracene
 Concen: 0.081 ng/ul
 RT: 17.151 min Scan# 3115
 Delta R.T. -0.008 min
 Lab File: BN032295.D
 Acq: 28 Jun 2024 00:19

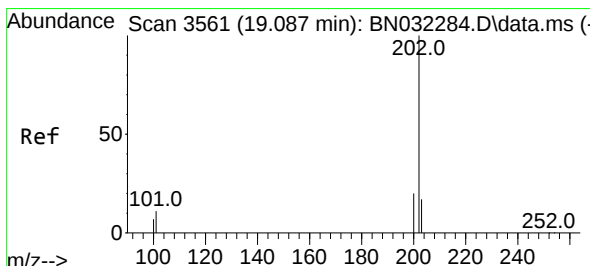
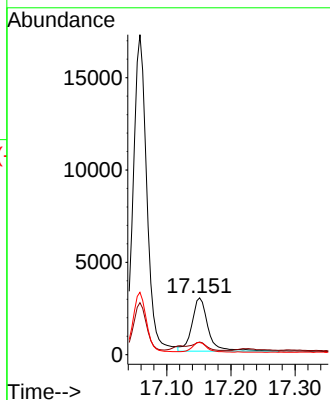
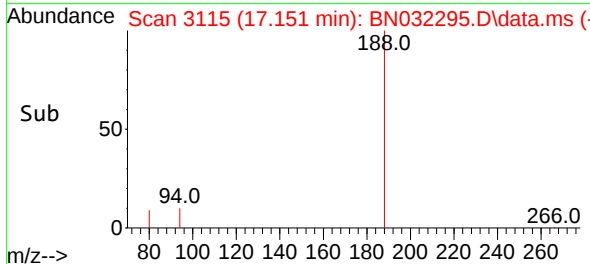
Instrument :
 BNA_N
 ClientSampleId :
 A4B78DL



Tgt Ion:178 Resp: 5034
 Ion Ratio Lower Upper
 178 100
 179 22.3 12.5 18.7
 176 21.4 15.0 22.6

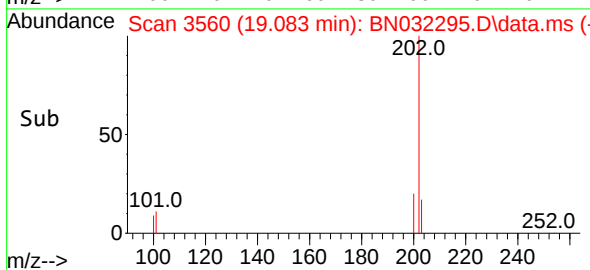
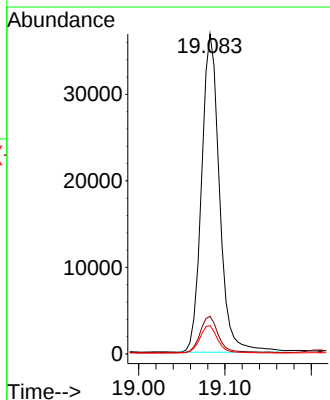
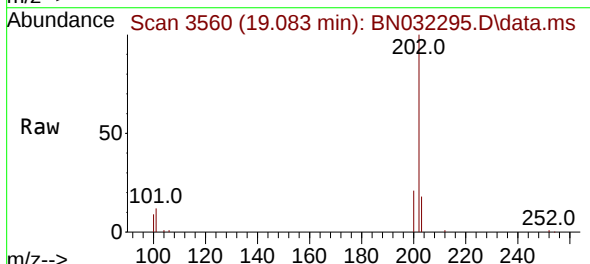
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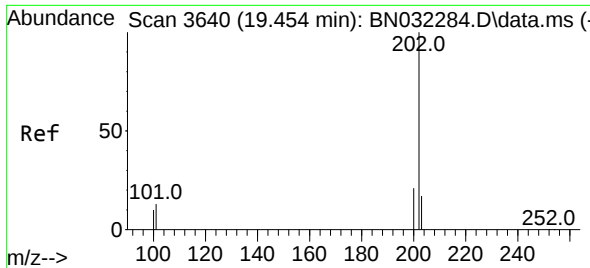
Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/28/2024



#19
 Fluoranthene
 Concen: 0.663 ng/ul
 RT: 19.083 min Scan# 3560
 Delta R.T. -0.009 min
 Lab File: BN032295.D
 Acq: 28 Jun 2024 00:19

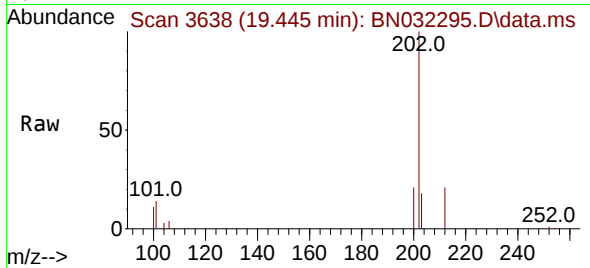
Tgt Ion:202 Resp: 53123
 Ion Ratio Lower Upper
 202 100
 101 11.8 8.8 13.2
 100 8.8 6.4 9.6





#20
Pyrene
Concen: 0.562 ng/ul
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032295.D
Acq: 28 Jun 2024 00:19

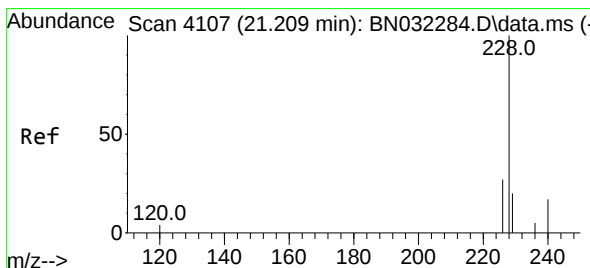
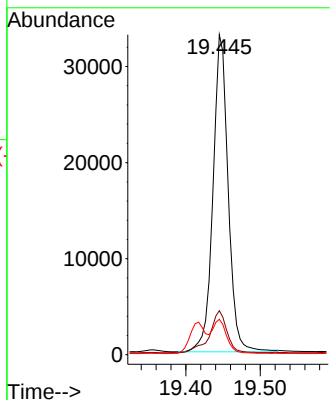
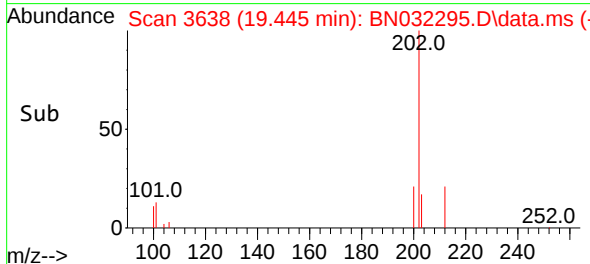
Instrument :
BNA_N
ClientSampleId :
A4B78DL



Tgt Ion:202 Resp: 46992
Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.4
100 11.1 8.7 13.1

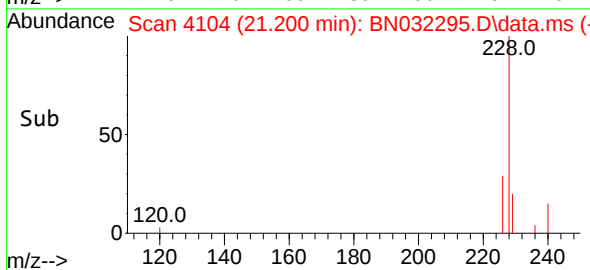
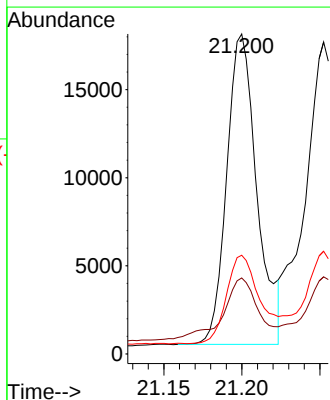
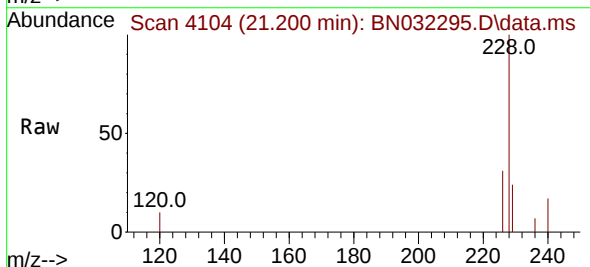
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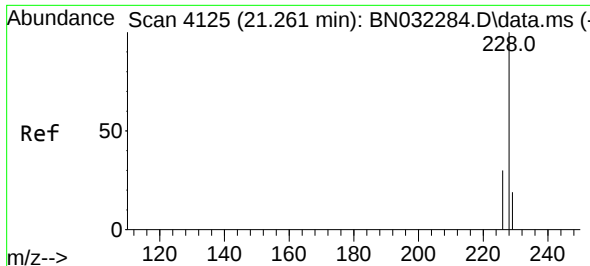
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#21
Benzo(a)anthracene
Concen: 0.313 ng/ul
RT: 21.200 min Scan# 4104
Delta R.T. -0.015 min
Lab File: BN032295.D
Acq: 28 Jun 2024 00:19

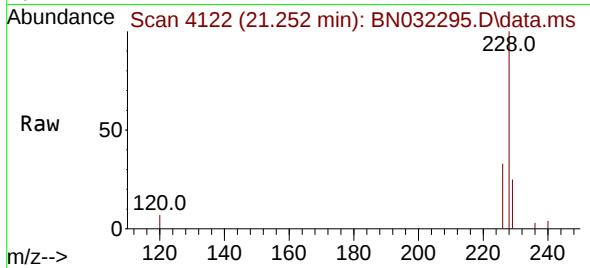
Tgt Ion:228 Resp: 23746
Ion Ratio Lower Upper
228 100
229 23.7 15.7 23.5#
226 30.9 21.8 32.8





#22
Chrysene
Concen: 0.305 ng/ul
RT: 21.252 min Scan# 4125
Delta R.T. -0.015 min
Lab File: BN032295.D
Acq: 28 Jun 2024 00:19

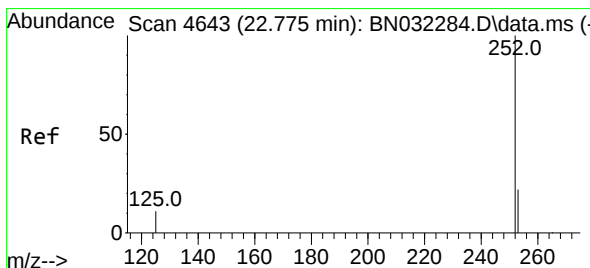
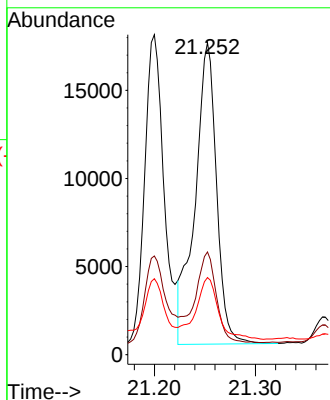
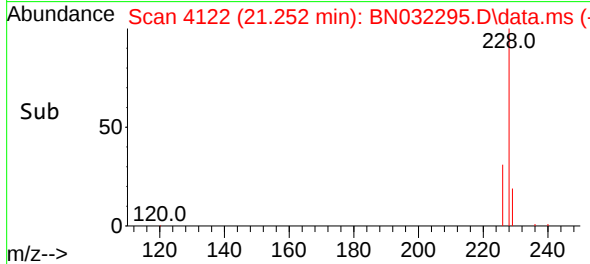
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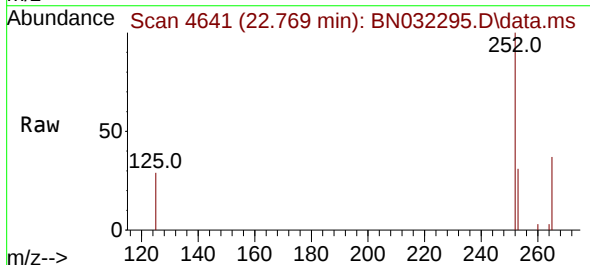
Tgt Ion:228 Resp: 25368
Ion Ratio Lower Upper
228 100
226 32.9 23.6 35.4
229 24.7 15.7 23.5

Manual Integrations
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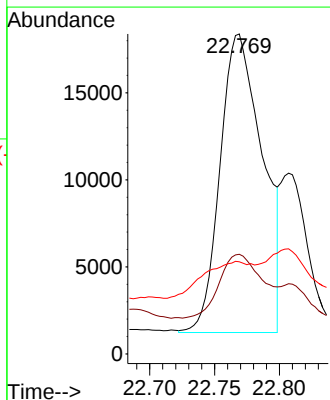
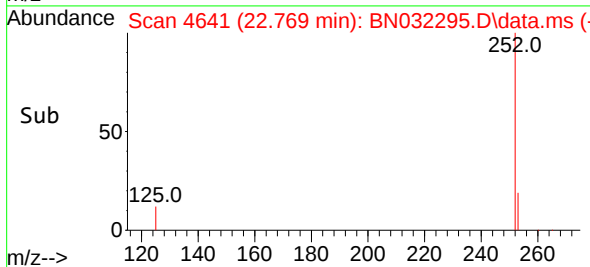
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Supervised By :mohammad ahmed 06/28/2024

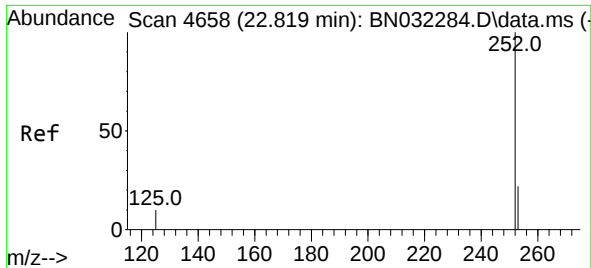


#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul m
RT: 22.769 min Scan# 4641
Delta R.T. -0.015 min
Lab File: BN032295.D
Acq: 28 Jun 2024 00:19



Tgt Ion:252 Resp: 39061
Ion Ratio Lower Upper
252 100
253 31.1 0.0 50.2
125 28.8 0.0 32.0





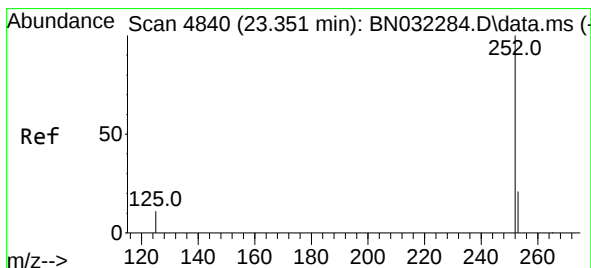
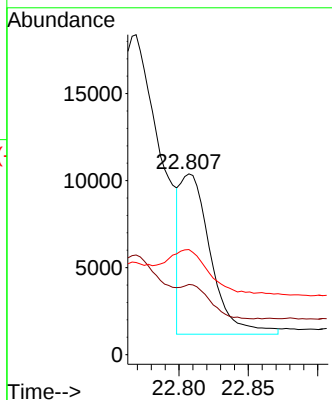
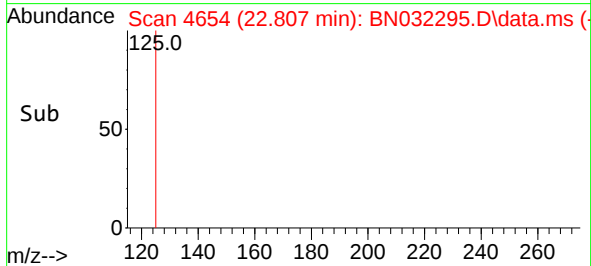
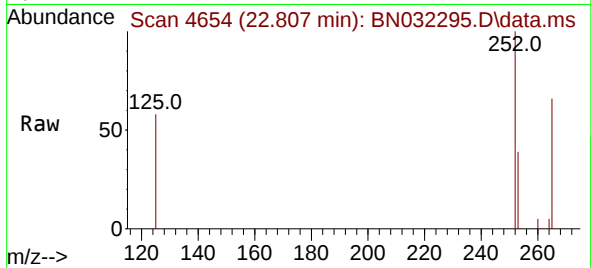
#25
Benzo(k)fluoranthene
Concen: 0.133 ng/ul m
RT: 22.807 min Scan# 4654
Delta R.T. -0.020 min
Lab File: BN032295.D
Acq: 28 Jun 2024 00:19

Instrument :
BNA_N
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Tgt Ion:	252	Resp:	1407
Ion Ratio	Lower	Upper	
252	100		
253	38.8	20.3	30.5
125	58.1	12.8	19.2

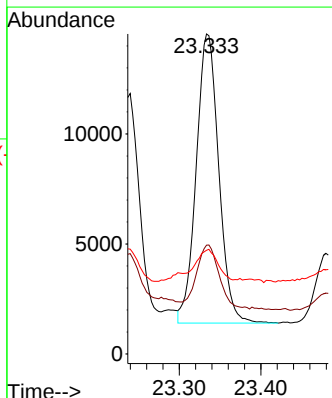
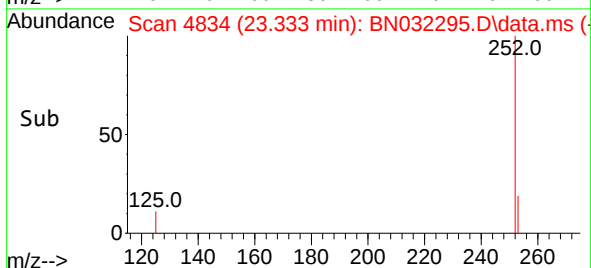
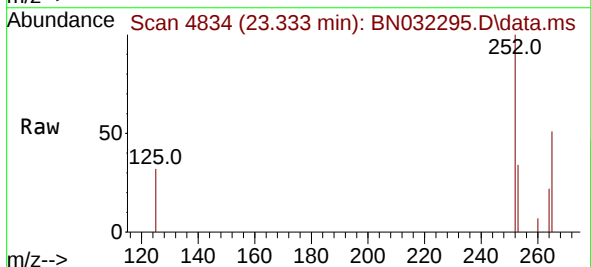
Manual Integrations
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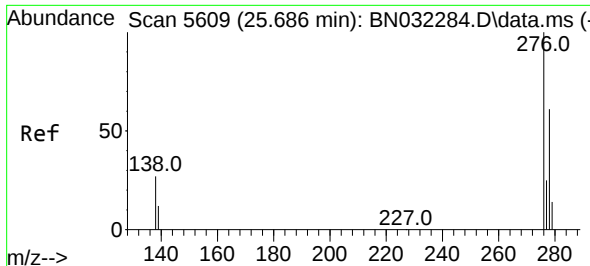
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#26
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.333 min Scan# 4834
Delta R.T. -0.026 min
Lab File: BN032295.D
Acq: 28 Jun 2024 00:19

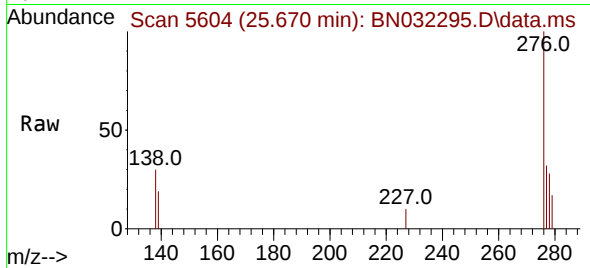
Tgt Ion:	252	Resp:	25197
Ion Ratio	Lower	Upper	
252	100		
253	34.0	22.2	33.2
125	32.4	16.4	24.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.187 ng/ul
RT: 25.670 min Scan# 5604
Delta R.T. -0.030 min
Lab File: BN032295.D
Acq: 28 Jun 2024 00:19

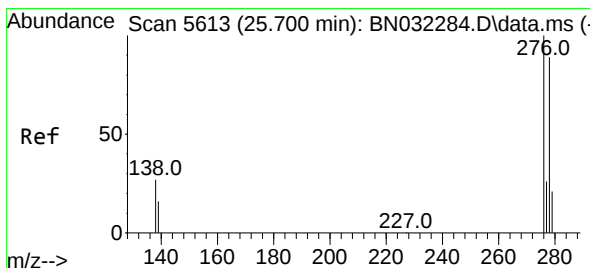
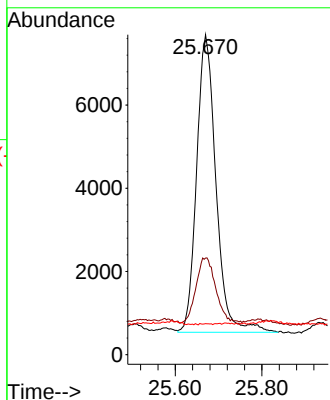
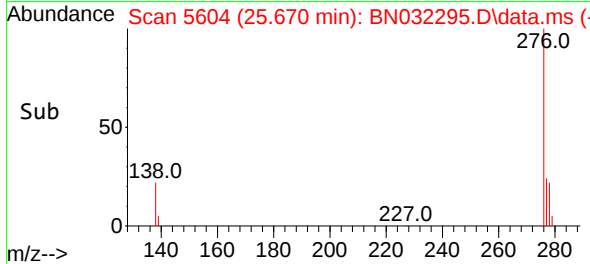
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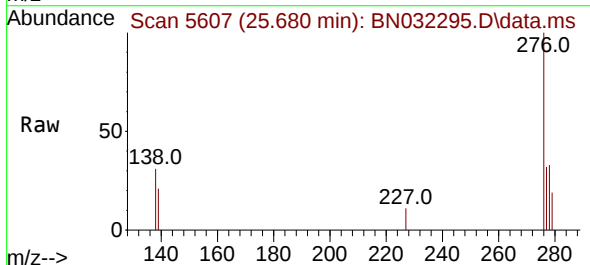
Tgt Ion:276 Resp: 22174
Ion Ratio Lower Upper
276 100
138 22.8 21.3 31.9
227 0.1 0.1 0.1

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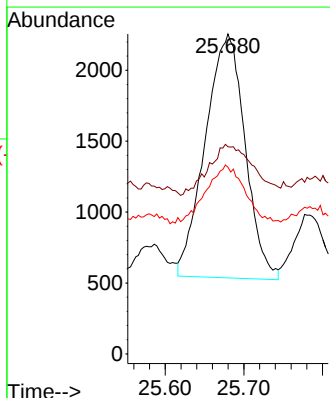
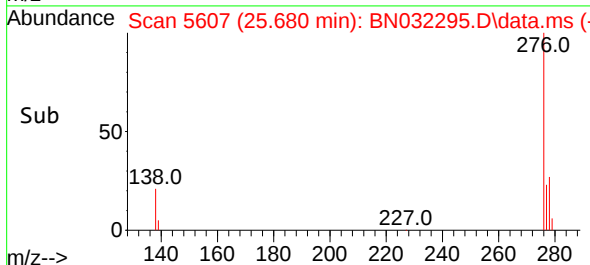
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

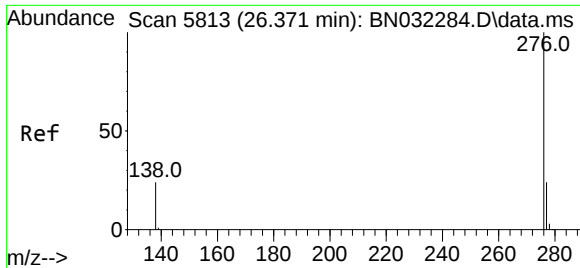


#28
Dibenzo(a,h)anthracene
Concen: 0.069 ng/ul
RT: 25.680 min Scan# 5607
Delta R.T. -0.030 min
Lab File: BN032295.D
Acq: 28 Jun 2024 00:19



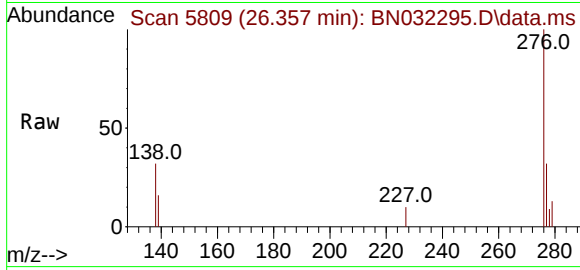
Tgt Ion:278 Resp: 6050
Ion Ratio Lower Upper
278 100
139 64.8 15.9 23.9#
279 58.3 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.228 ng/ul
 RT: 26.357 min Scan# 5809
 Delta R.T. -0.023 min
 Lab File: BN032295.D
 Acq: 28 Jun 2024 00:19

Instrument :
 BNA_N
 ClientSampleId :
 A4B78DL



Tgt Ion:	276	Resp:	21539
Ion Ratio	Lower	Upper	
276	100		
138	31.8	19.8	29.6
277	31.8	19.8	29.6

Manual Integrations
 APPROVED

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

