

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032296.D
 Acq On : 28 Jun 2024 00:55
 Operator : MA/JU
 Sample : P2909-04DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B81DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 01:26:00 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	9113	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	26978	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	13782	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	24225	0.400	ng/ul	0.00
17) Chrysene-d12	21.220	240	19320	0.400	ng/ul	0.00
23) Perylene-d12	23.436	264	23457	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.156	96	6969	0.688	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	1809	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.050	212	2978	0.051	ng/ul	0.00
Target Compounds						
11) Acenaphthene	14.327	153	1443	0.032	ng/ul	96
12) Fluorene	15.317	166	1666	0.031	ng/ul#	98
15) Phenanthrene	17.058	178	26720	0.402	ng/ul	99
16) Anthracene	17.151	178	6227	0.105	ng/ul#	92
19) Fluoranthene	19.083	202	53634	0.729	ng/ul	98
20) Pyrene	19.445	202	46348	0.603	ng/ul	99
21) Benzo(a)anthracene	21.203	228	25473	0.365	ng/ul	94
22) Chrysene	21.255	228	23294m	0.304	ng/ul	
24) Benzo(b)fluoranthene	22.772	252	36504m	0.358	ng/ul	
25) Benzo(k)fluoranthene	22.810	252	16051m	0.162	ng/ul	
26) Benzo(a)pyrene	23.336	252	23096	0.326	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.673	276	20912	0.188	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.680	278	5879	0.071	ng/ul#	37
29) Benzo(g,h,i)perylene	26.361	276	19767	0.224	ng/ul#	89

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

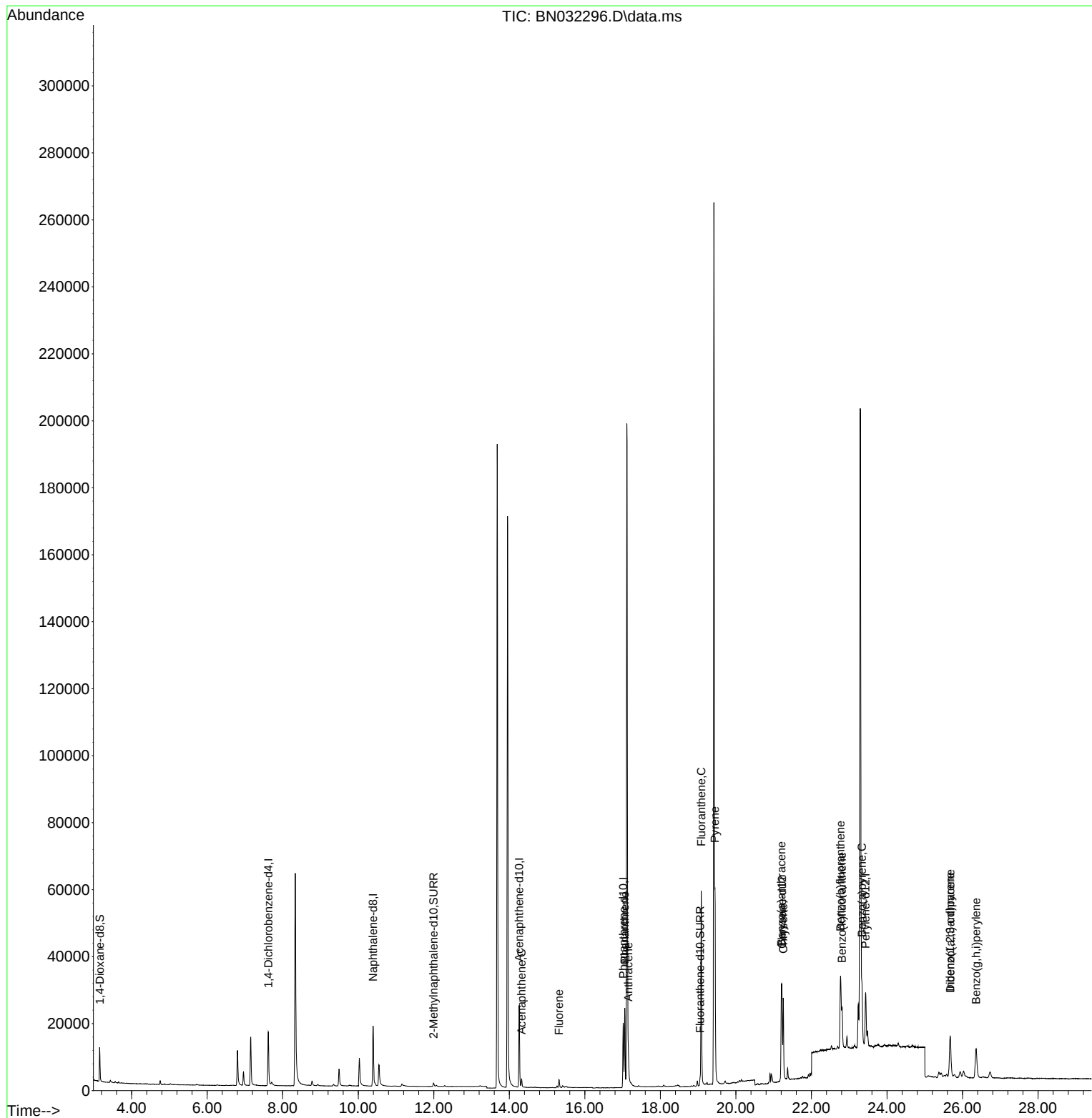
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032296.D
Acq On : 28 Jun 2024 00:55
Operator : MA/JU
Sample : P2909-04DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

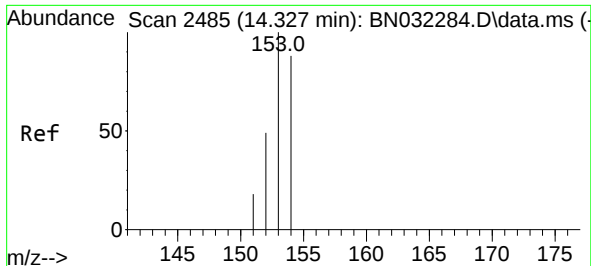
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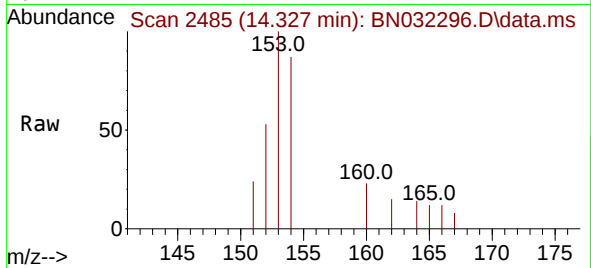
Quant Time: Jun 28 01:26:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#11
Acenaphthene
Concen: 0.032 ng/u1
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032296.D
Acq: 28 Jun 2024 00:55

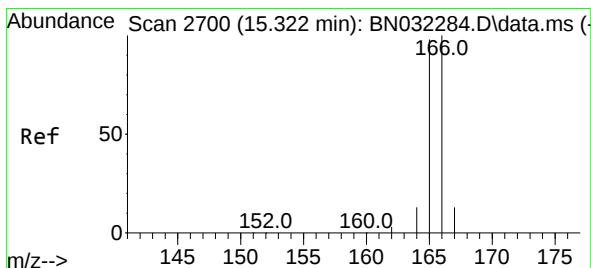
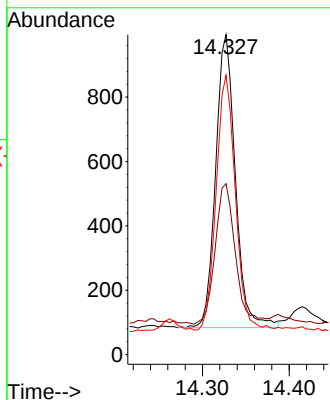
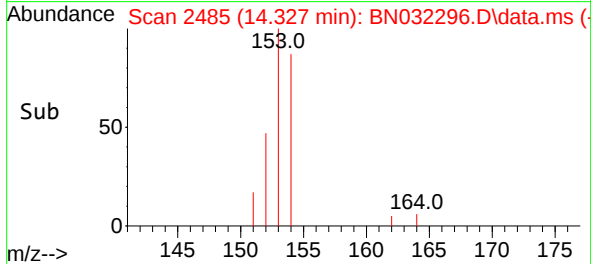
Instrument :
BNA_N
ClientSampleId :
A4B81DL



Tgt Ion:153 Resp: 144.0
Ion Ratio Lower Upper
153 100
152 53.4 39.5 59.3
154 87.3 71.7 107.5

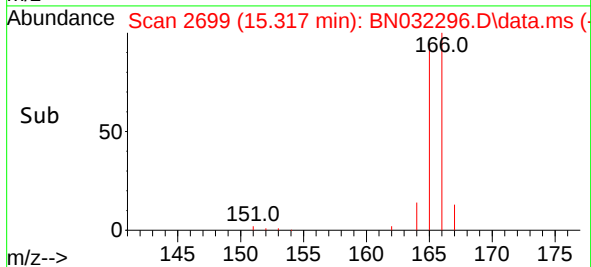
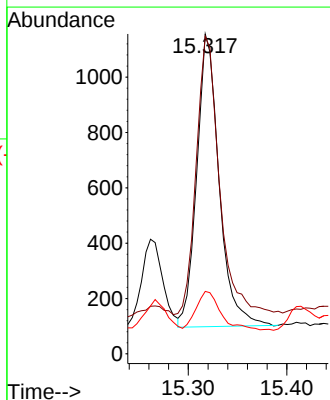
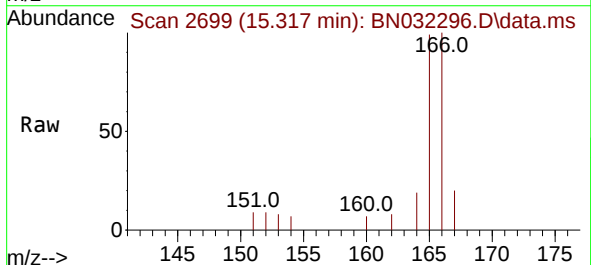
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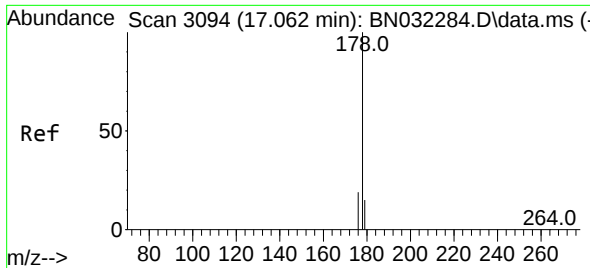
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#12
Fluorene
Concen: 0.031 ng/u1
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032296.D
Acq: 28 Jun 2024 00:55

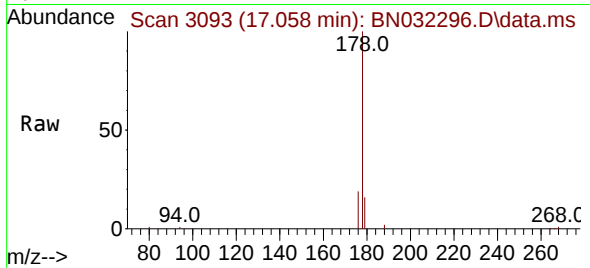
Tgt Ion:166 Resp: 1666
Ion Ratio Lower Upper
166 100
165 99.3 79.0 118.6
167 19.6 11.0 16.6#





#15
Phenanthrene
Concen: 0.402 ng/u1
RT: 17.058 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN032296.D
Acq: 28 Jun 2024 00:55

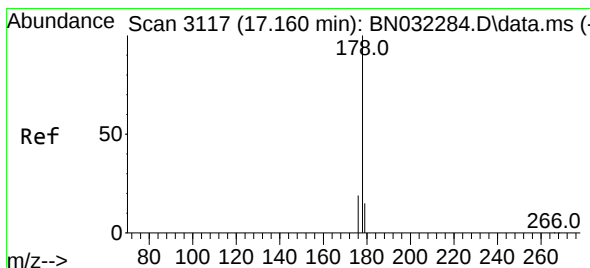
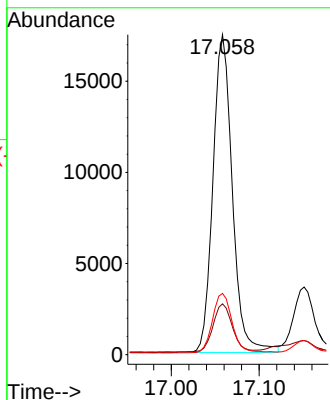
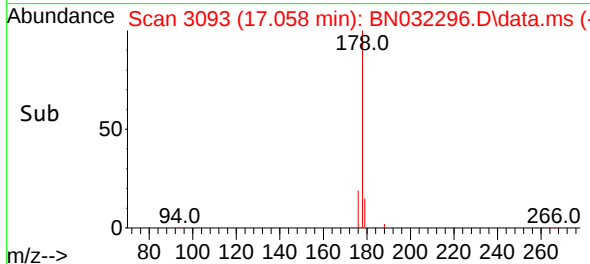
Instrument :
BNA_N
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A4B81DL



Tgt Ion:178 Resp: 26720
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.2 15.6 23.4

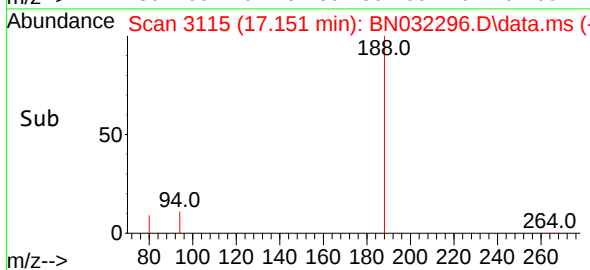
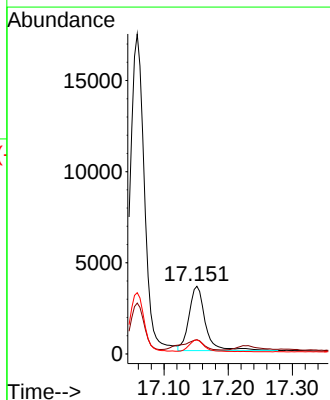
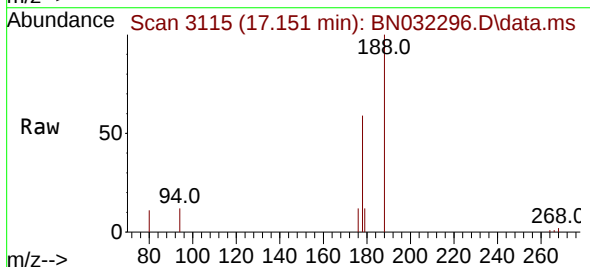
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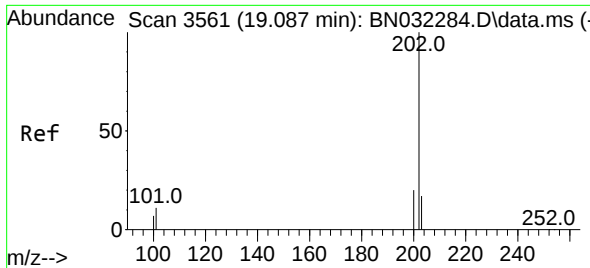
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#16
Anthracene
Concen: 0.105 ng/u1
RT: 17.151 min Scan# 3115
Delta R.T. -0.009 min
Lab File: BN032296.D
Acq: 28 Jun 2024 00:55

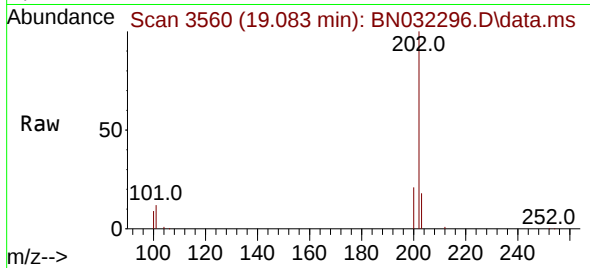
Tgt Ion:178 Resp: 6227
Ion Ratio Lower Upper
178 100
179 21.1 12.5 18.7#
176 20.8 15.0 22.6





#19
Fluoranthene
Concen: 0.729 ng/ul
RT: 19.083 min Scan# 3560
Delta R.T. -0.009 min
Lab File: BN032296.D
Acq: 28 Jun 2024 00:55

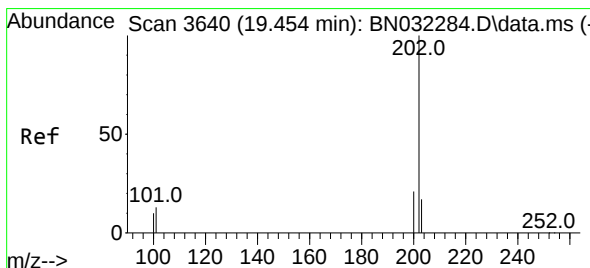
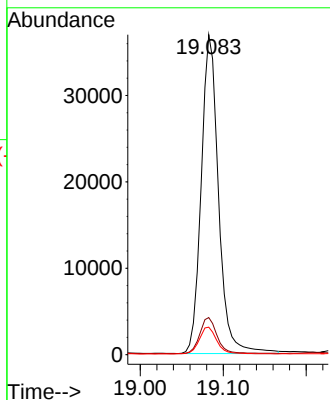
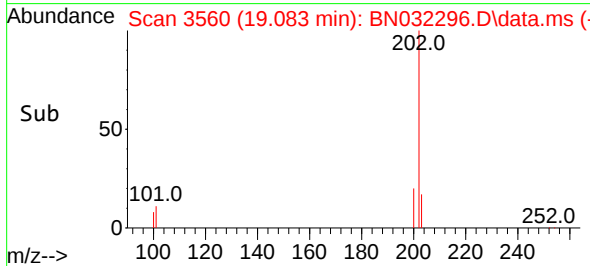
Instrument :
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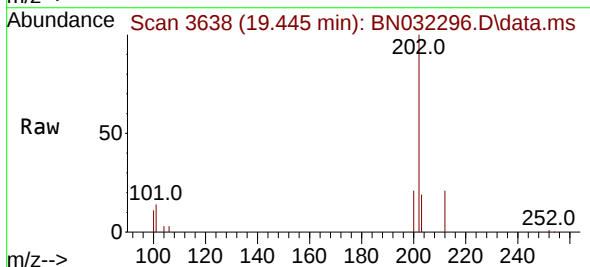
Tgt Ion:202 Resp: 53634
Ion Ratio Lower Upper
202 100
101 11.6 8.8 13.2
100 8.6 6.4 9.6

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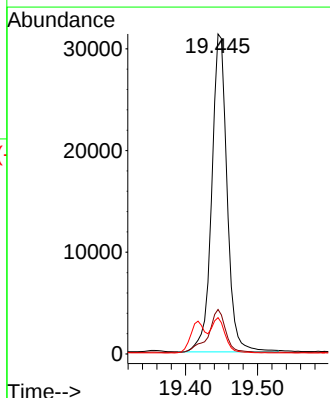
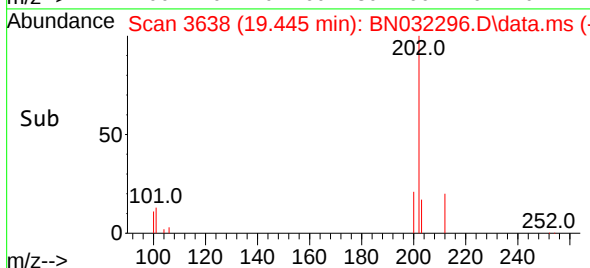
Reviewed By :Yogesh Patel 06/28/2024
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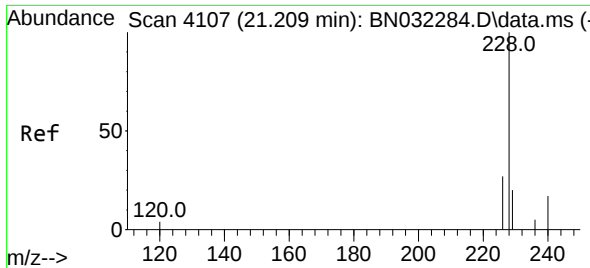


#20
Pyrene
Concen: 0.603 ng/ul
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032296.D
Acq: 28 Jun 2024 00:55



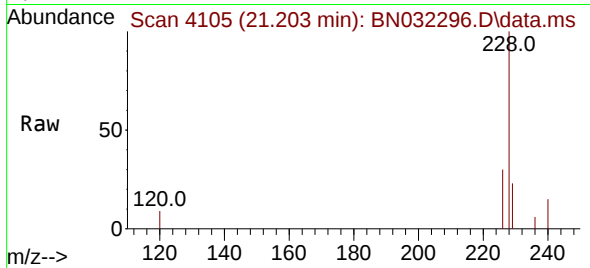
Tgt Ion:202 Resp: 46348
Ion Ratio Lower Upper
202 100
101 13.9 11.0 16.4
100 11.4 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.203 min Scan# 4105
Delta R.T. -0.012 min
Lab File: BN032296.D
Acq: 28 Jun 2024 00:55

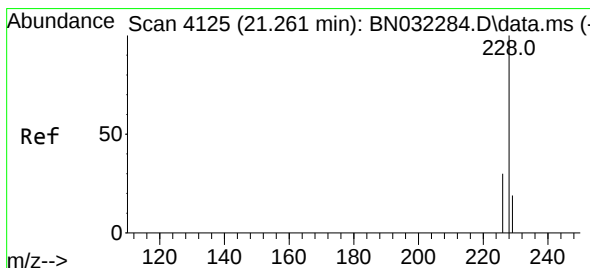
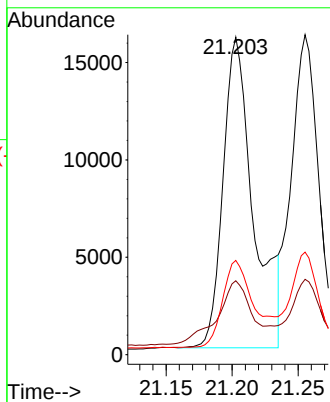
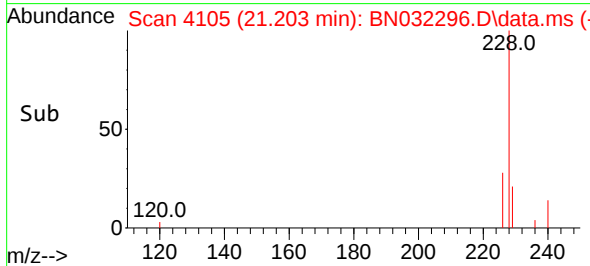
Instrument :
BNA_N
ClientSampleId :
A4B81DL



Tgt Ion:228 Resp: 2547
Ion Ratio Lower Upper
228 100
229 23.3 15.7 23.5
226 29.7 21.8 32.8

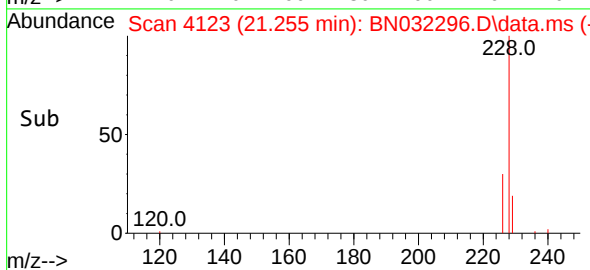
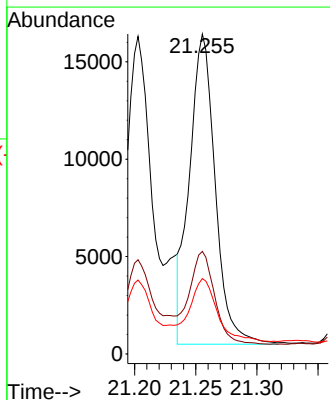
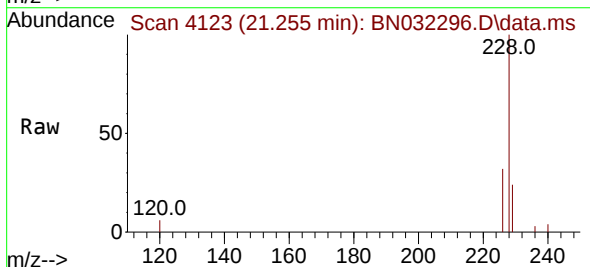
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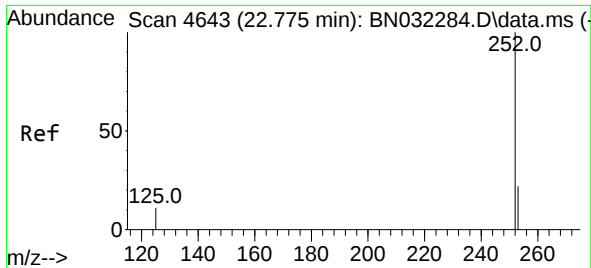
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#22
Chrysene
Concen: 0.304 ng/ul m
RT: 21.255 min Scan# 4123
Delta R.T. -0.012 min
Lab File: BN032296.D
Acq: 28 Jun 2024 00:55

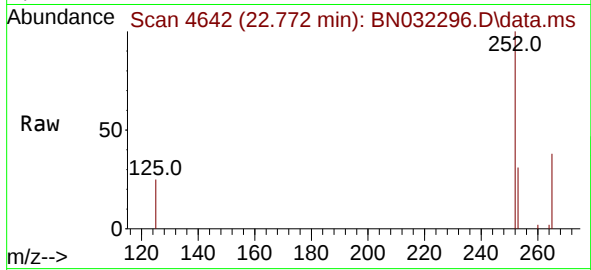
Tgt Ion:228 Resp: 23294
Ion Ratio Lower Upper
228 100
226 32.0 23.6 35.4
229 23.6 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.358 ng/ul m
RT: 22.772 min Scan# 4642
Delta R.T. -0.012 min
Lab File: BN032296.D
Acq: 28 Jun 2024 00:55

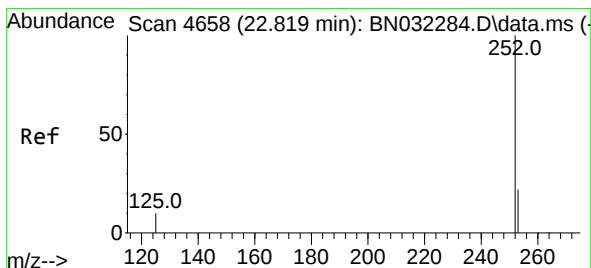
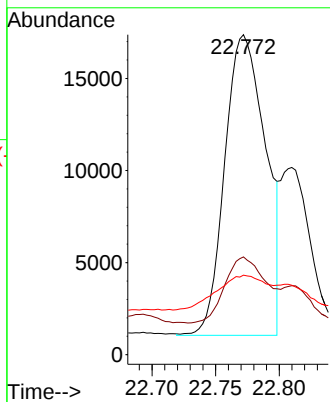
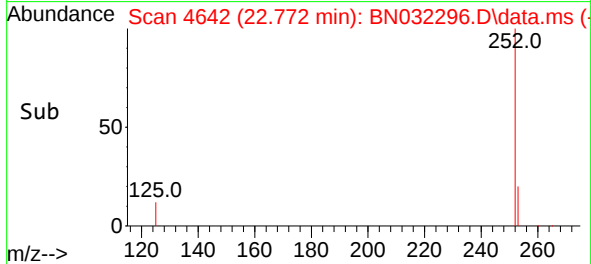
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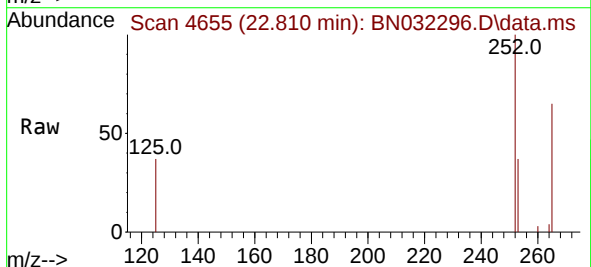
Tgt Ion:252 Resp: 36504
Ion Ratio Lower Upper
252 100
253 30.5 0.0 50.2
125 24.9 0.0 32.0

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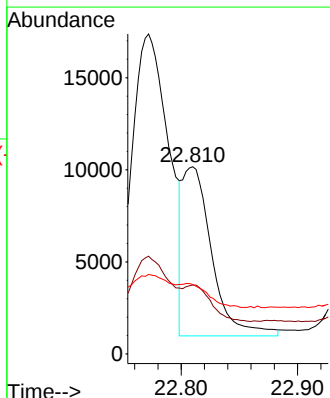
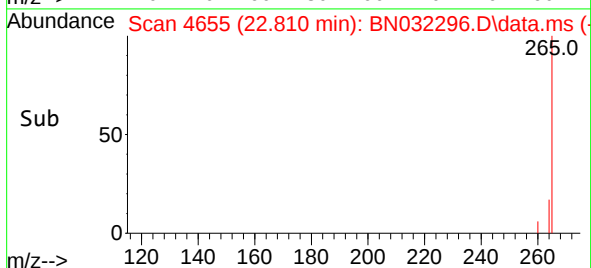
Reviewed By :Yogesh Patel 06/28/2024
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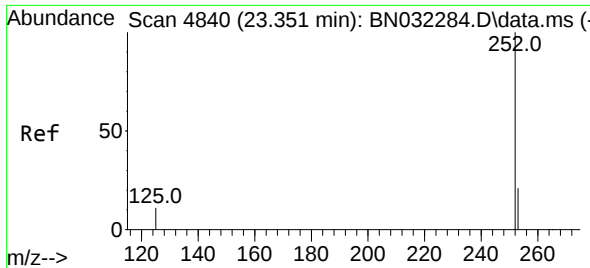


#25
Benzo(k)fluoranthene
Concen: 0.162 ng/ul m
RT: 22.810 min Scan# 4655
Delta R.T. -0.018 min
Lab File: BN032296.D
Acq: 28 Jun 2024 00:55



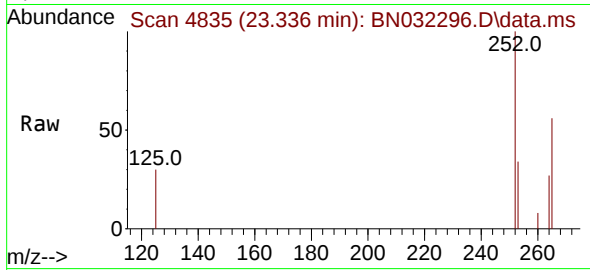
Tgt Ion:252 Resp: 16051
Ion Ratio Lower Upper
252 100
253 36.8 20.3 30.5#
125 37.1 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.326 ng/ul
RT: 23.336 min Scan# 4835
Delta R.T. -0.023 min
Lab File: BN032296.D
Acq: 28 Jun 2024 00:55

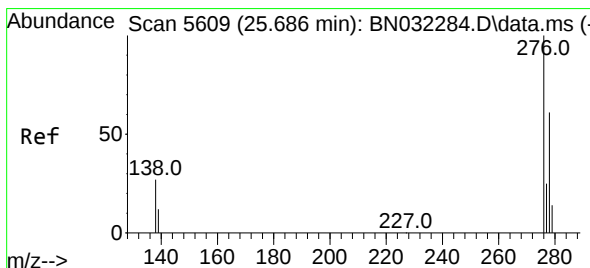
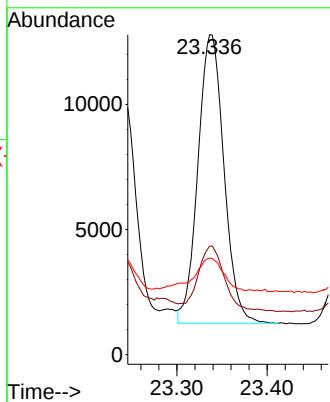
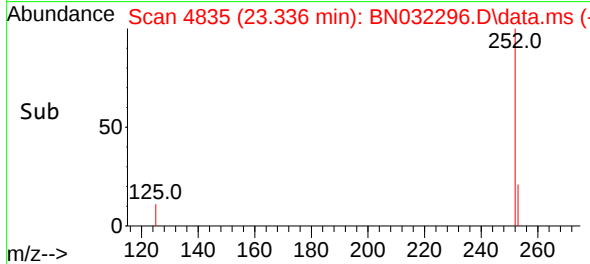
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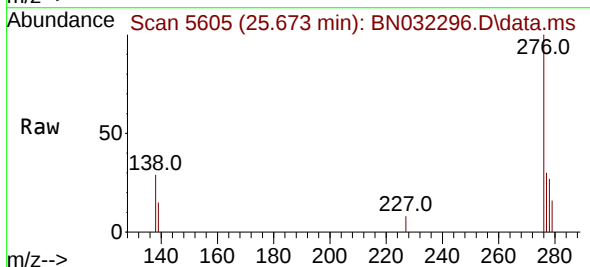
Tgt Ion:252 Resp: 23090
Ion Ratio Lower Upper
252 100
253 33.8 22.2 33.2
125 30.1 16.4 24.6

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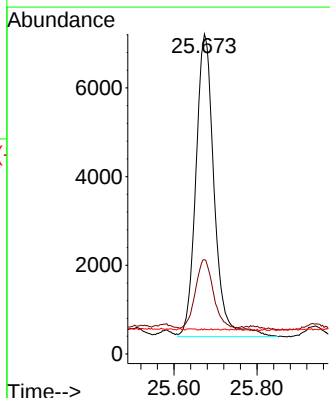
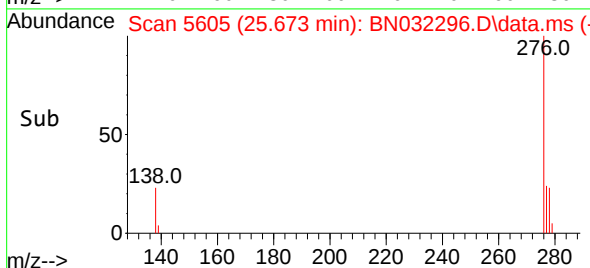
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

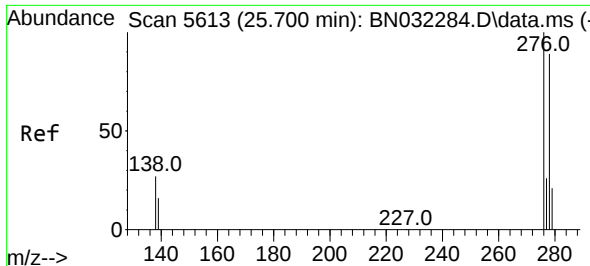


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.188 ng/ul
RT: 25.673 min Scan# 5605
Delta R.T. -0.027 min
Lab File: BN032296.D
Acq: 28 Jun 2024 00:55



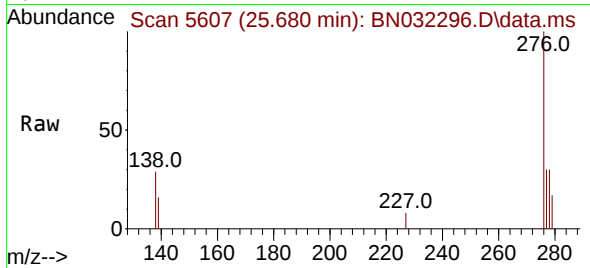
Tgt Ion:276 Resp: 20912
Ion Ratio Lower Upper
276 100
138 21.8 21.3 31.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul
RT: 25.680 min Scan# 5607
Delta R.T. -0.030 min
Lab File: BN032296.D
Acq: 28 Jun 2024 00:55

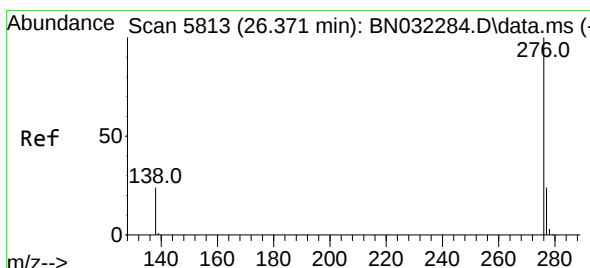
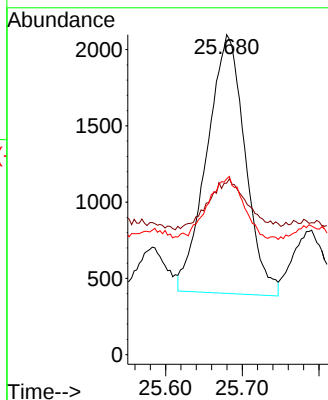
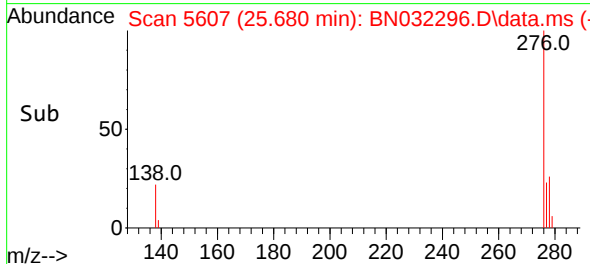
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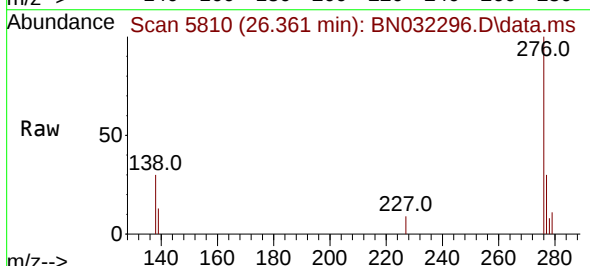
Tgt Ion:278 Resp: 5879
Ion Ratio Lower Upper
278 100
139 53.6 15.9 23.9#
279 55.0 21.1 31.7#

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



#29
Benzo(g,h,i)perylene
Concen: 0.224 ng/ul
RT: 26.361 min Scan# 5810
Delta R.T. -0.020 min
Lab File: BN032296.D
Acq: 28 Jun 2024 00:55



Tgt Ion:276 Resp: 19767
Ion Ratio Lower Upper
276 100
138 30.3 19.8 29.6#
277 30.4 19.8 29.6#

