

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033206.D
 Acq On : 02 Aug 2024 16:01
 Operator : MA/JU
 Sample : P3378-01DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 16:54:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.478	152	3366m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.246	136	10357	0.400	ng/ul	#-0.07
9) Acenaphthene-d10	14.115	164	5864	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.890	188	10252	0.400	ng/ul	-0.05
17) Chrysene-d12	21.122	240	7971	0.400	ng/ul	-0.03
23) Perylene-d12	23.299	264	9649m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	3766	0.885	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.868	152	935	0.055	ng/ul	-0.06
18) Fluoranthene-d10	18.935	212	1895	0.084	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.295	128	4831	0.182	ng/ul	100
8) 1-Methylnaphthalene	12.143	142	9643	0.495	ng/ul	100
10) Acenaphthylene	13.838	152	3982	0.166	ng/ul#	93
11) Acenaphthene	14.180	153	160371	8.884	ng/ul	99
12) Fluorene	15.184	166	64357	3.059	ng/ul	99
15) Phenanthrene	16.933	178	3514	0.128	ng/ul#	91
16) Anthracene	17.030	178	7825	0.317	ng/ul#	95
19) Fluoranthene	18.968	202	34083	1.299	ng/ul	97
20) Pyrene	19.335	202	29915	1.063	ng/ul	96
21) Benzo(a)anthracene	21.107	228	1608	0.059	ng/ul#	77
22) Chrysene	21.160	228	1201	0.038	ng/ul#	75

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

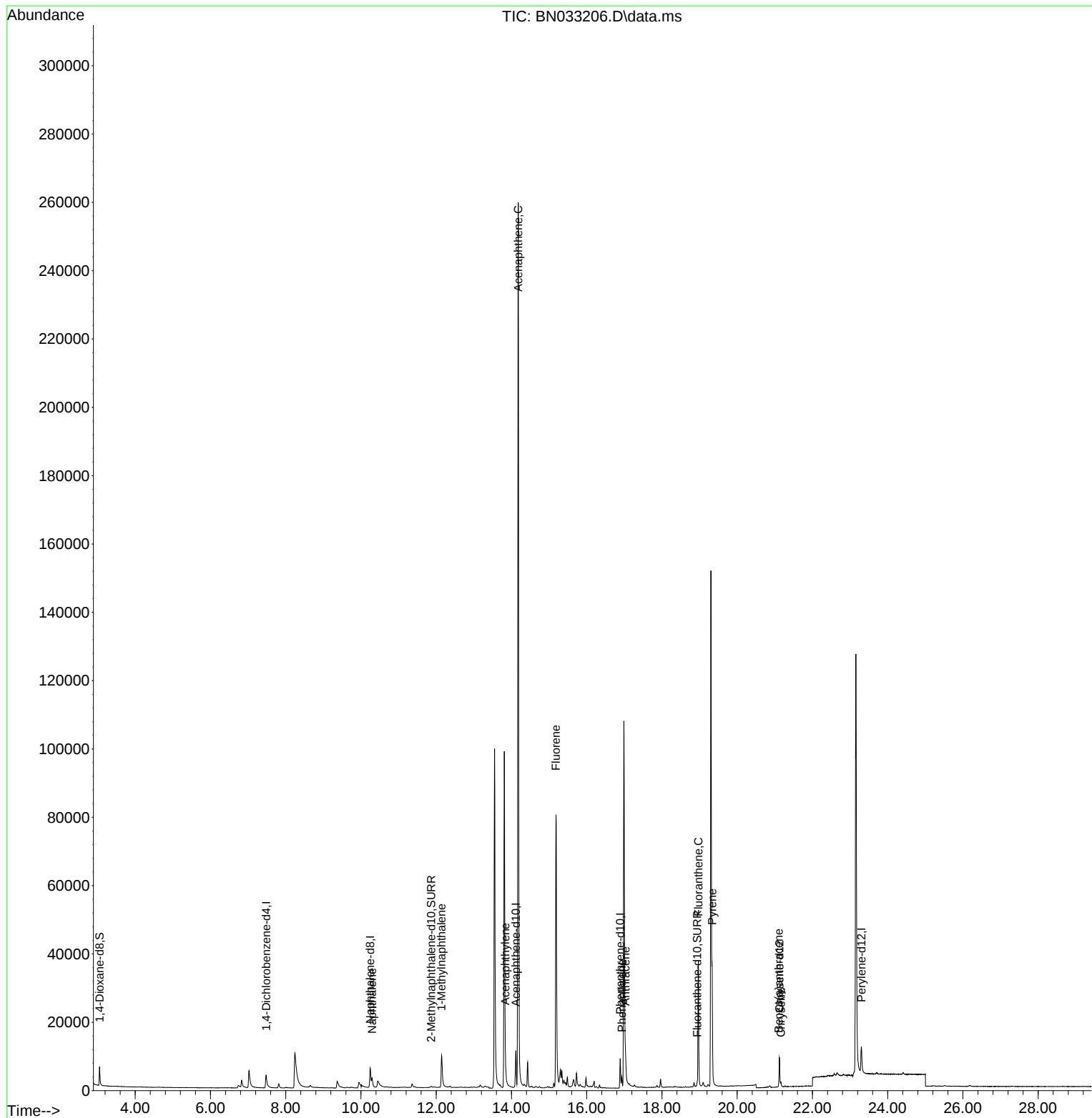
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033206.D
Acq On : 02 Aug 2024 16:01
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Misc :
ALS Vial : 5 Sample Multiplier: 1

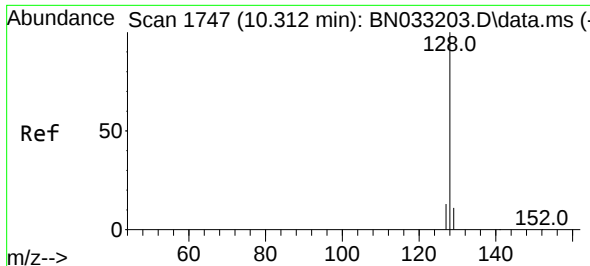
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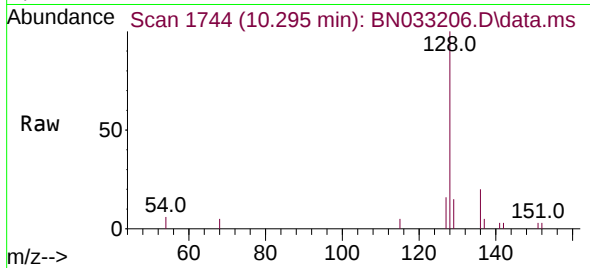
Quant Time: Aug 02 16:54:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.182 ng/ul
RT: 10.295 min Scan# 1744
Delta R.T. -0.082 min
Lab File: BN033206.D
Acq: 02 Aug 2024 16:01

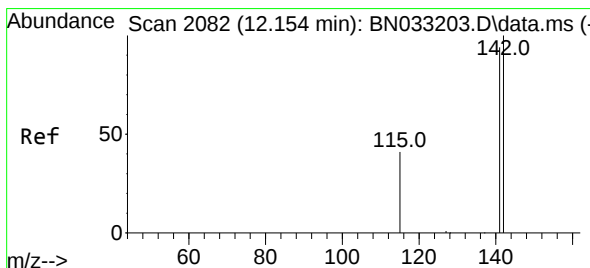
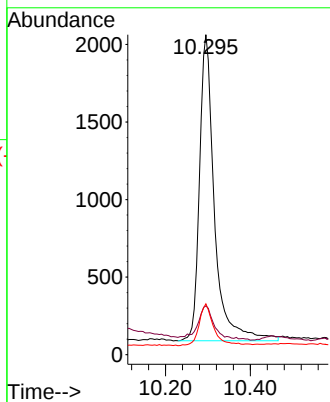
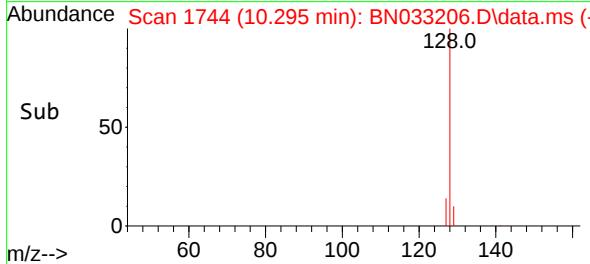
Instrument :
BNA_N
ClientSampleId :
C0AX2DL



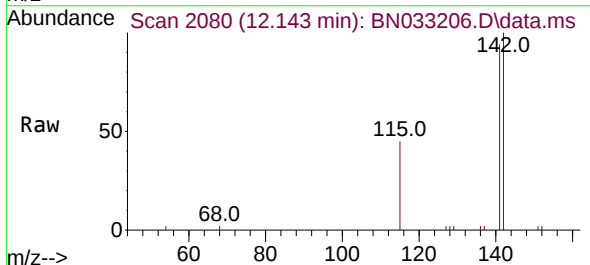
Tgt Ion:128 Resp: 483
Ion Ratio Lower Upper
128 100
129 15.3 12.0 18.0
127 15.9 12.7 19.1

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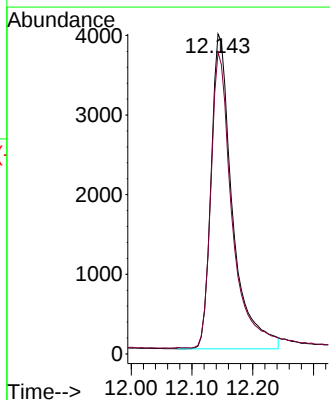
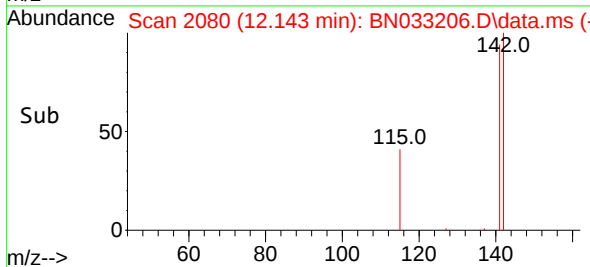
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024

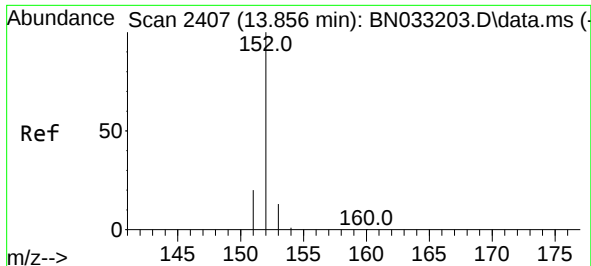


#8
1-Methylnaphthalene
Concen: 0.495 ng/ul
RT: 12.143 min Scan# 2080
Delta R.T. -0.055 min
Lab File: BN033206.D
Acq: 02 Aug 2024 16:01



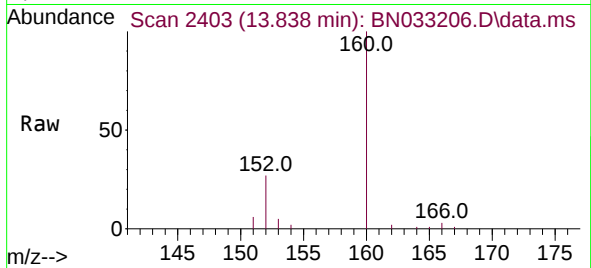
Tgt Ion:142 Resp: 9643
Ion Ratio Lower Upper
142 100
141 92.8 74.3 111.5





#10
Acenaphthylene
Concen: 0.166 ng/ul
RT: 13.838 min Scan# 2403
Delta R.T. -0.060 min
Lab File: BN033206.D
Acq: 02 Aug 2024 16:01

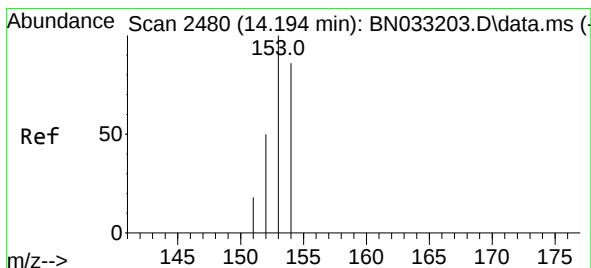
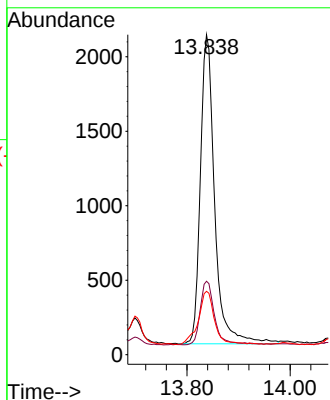
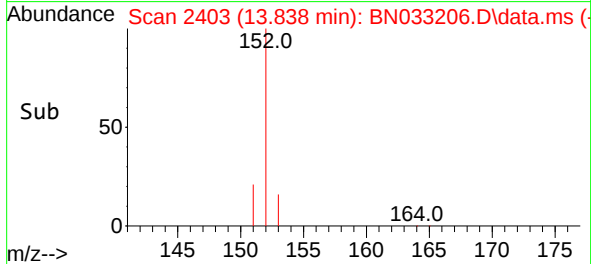
Instrument :
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ClientSampleId :
C0AX2DL



Tgt Ion:152 Resp: 3982
Ion Ratio Lower Upper
152 100
151 23.0 16.8 25.2
153 19.8 11.9 17.9

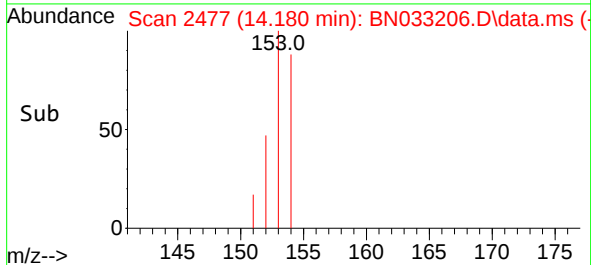
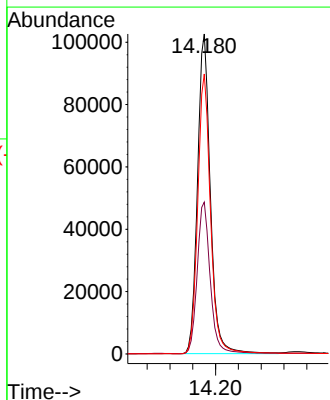
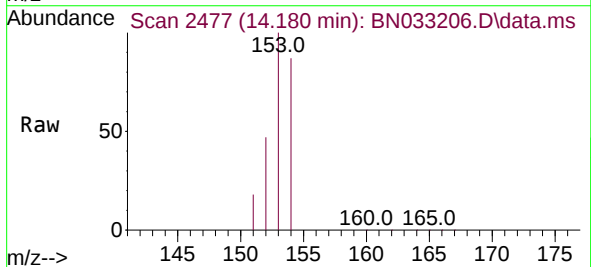
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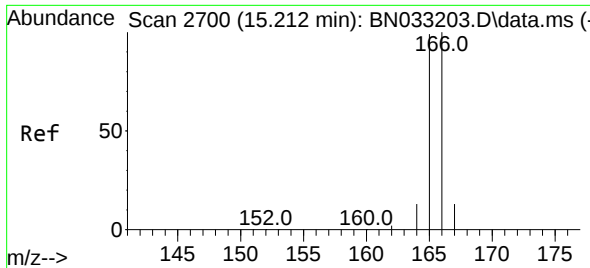
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#11
Acenaphthene
Concen: 8.884 ng/ul
RT: 14.180 min Scan# 2477
Delta R.T. -0.046 min
Lab File: BN033206.D
Acq: 02 Aug 2024 16:01

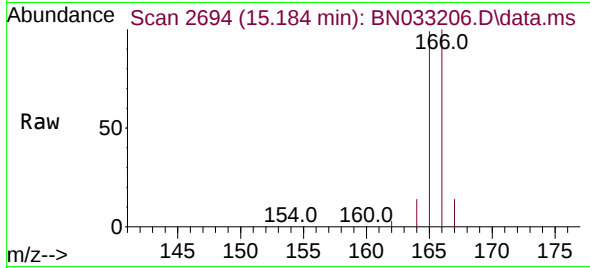
Tgt Ion:153 Resp: 160371
Ion Ratio Lower Upper
153 100
152 47.5 40.0 60.0
154 87.5 70.1 105.1





#12
Fluorene
Concen: 3.059 ng/u1
RT: 15.184 min Scan# 2694
Delta R.T. -0.064 min
Lab File: BN033206.D
Acq: 02 Aug 2024 16:01

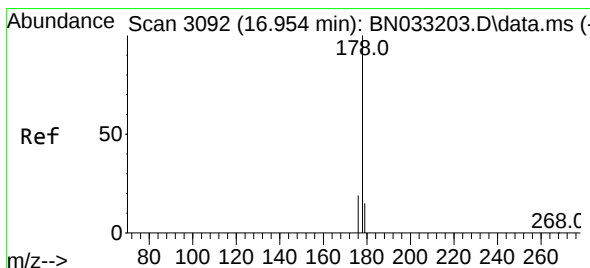
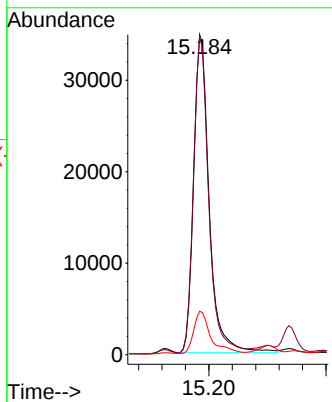
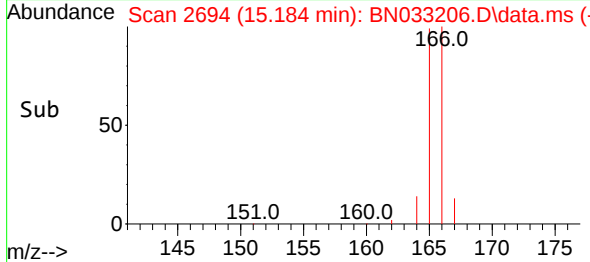
Instrument :
BNA_N
ClientSampleId :
C0AX2DL



Tgt Ion:166 Resp: 6435
Ion Ratio Lower Upper
166 100
165 99.4 79.6 119.4
167 13.6 12.2 18.4

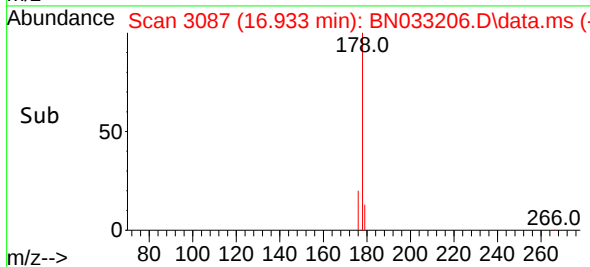
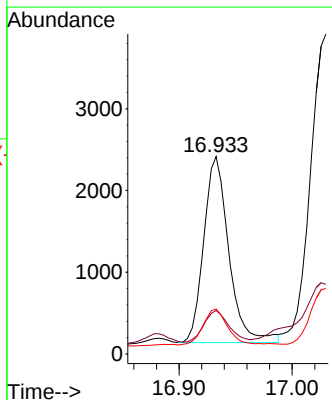
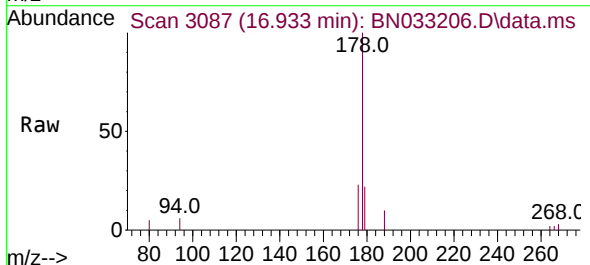
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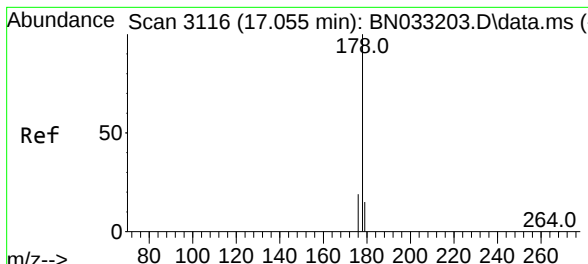
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#15
Phenanthrene
Concen: 0.128 ng/u1
RT: 16.933 min Scan# 3087
Delta R.T. -0.050 min
Lab File: BN033206.D
Acq: 02 Aug 2024 16:01

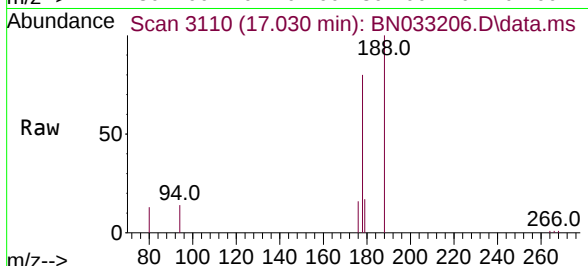
Tgt Ion:178 Resp: 3514
Ion Ratio Lower Upper
178 100
179 22.0 13.7 20.5#
176 22.8 15.9 23.9





#16
 Anthracene
 Concen: 0.317 ng/u1
 RT: 17.030 min Scan# 3110
 Delta R.T. -0.059 min
 Lab File: BN033206.D
 Acq: 02 Aug 2024 16:01

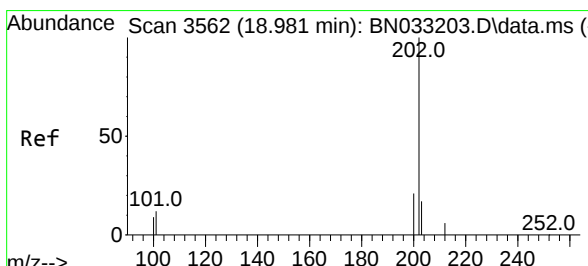
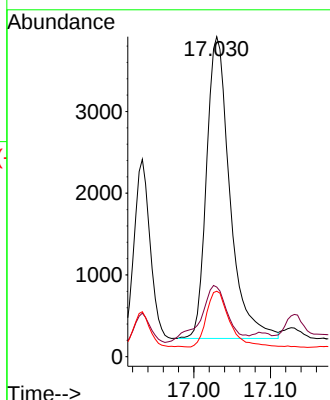
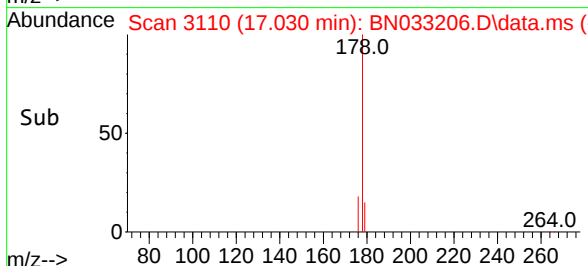
Instrument :
 BNA_N
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 C0AX2DL



Tgt Ion:	178	Resp:	782
Ion Ratio	Lower	Upper	
178	100		
179	21.7	14.3	21.5
176	20.5	15.8	23.8

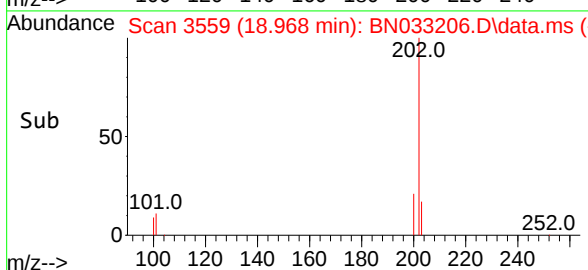
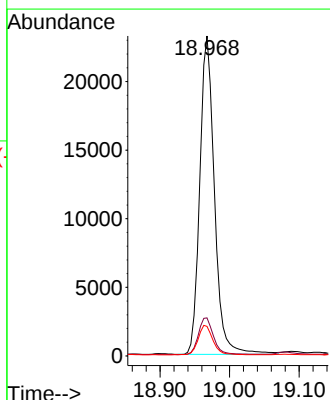
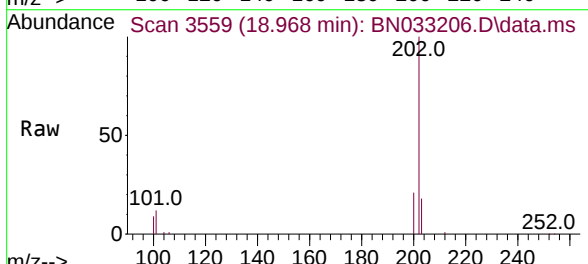
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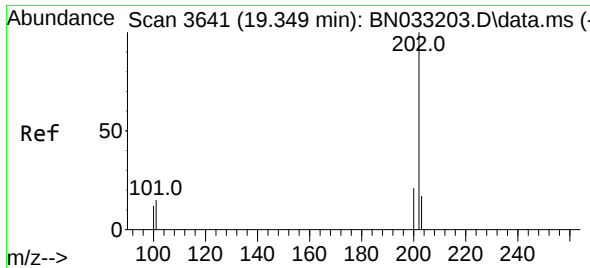
Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/03/2024



#19
 Fluoranthene
 Concen: 1.299 ng/u1
 RT: 18.968 min Scan# 3559
 Delta R.T. -0.037 min
 Lab File: BN033206.D
 Acq: 02 Aug 2024 16:01

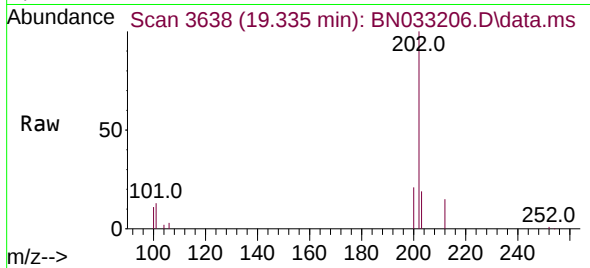
Tgt Ion:	202	Resp:	34083
Ion Ratio	Lower	Upper	
202	100		
101	11.9	10.7	16.1
100	9.3	8.3	12.5





#20
Pyrene
Concen: 1.063 ng/u1
RT: 19.335 min Scan# 3096
Delta R.T. -0.037 min
Lab File: BN033206.D
Acq: 02 Aug 2024 16:01

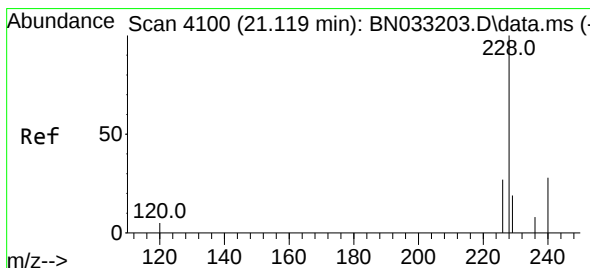
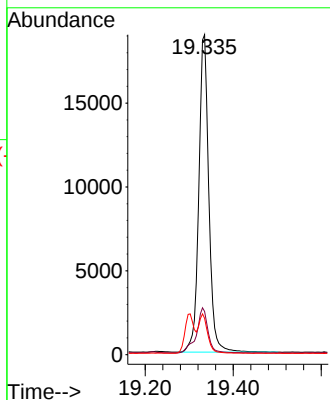
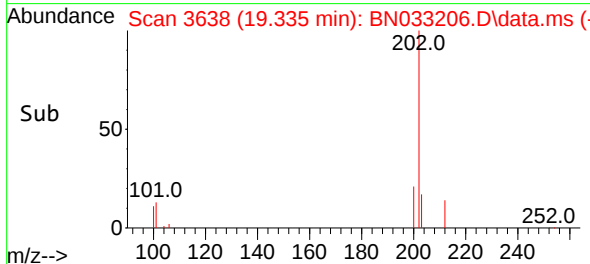
Instrument :
BNA_N
ClientSampleId :
C0AX2DL



Tgt Ion:202 Resp: 29915
Ion Ratio Lower Upper
202 100
101 13.5 12.6 18.8
100 11.4 9.9 14.9

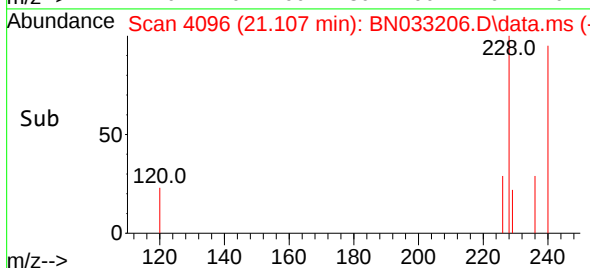
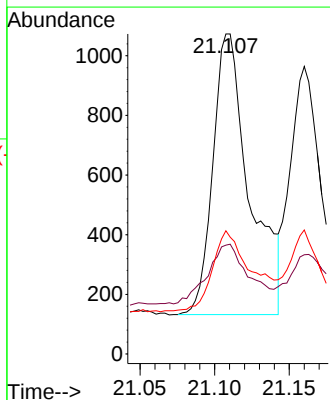
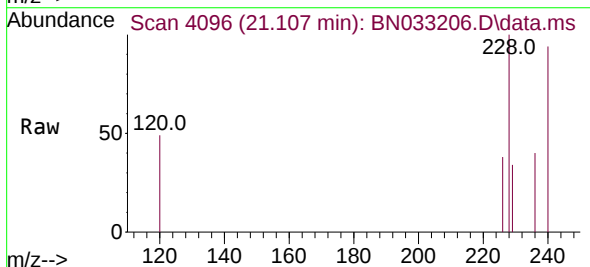
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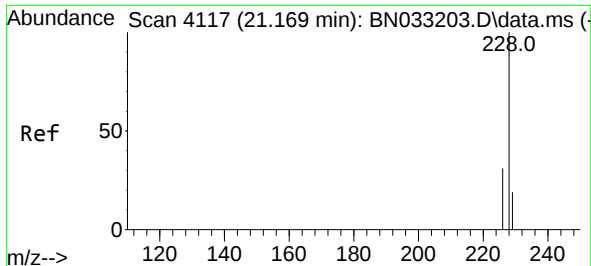
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#21
Benzo(a)anthracene
Concen: 0.059 ng/u1
RT: 21.107 min Scan# 4096
Delta R.T. -0.029 min
Lab File: BN033206.D
Acq: 02 Aug 2024 16:01

Tgt Ion:228 Resp: 1608
Ion Ratio Lower Upper
228 100
229 34.0 17.1 25.7#
226 38.5 22.4 33.6#





#22

Chrysene

Concen: 0.038 ng/ul

RT: 21.160 min Scan# 4114

Delta R.T. -0.029 min

Lab File: BN033206.D

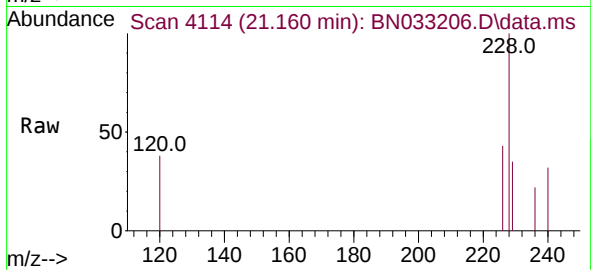
Acq: 02 Aug 2024 16:01

Instrument :

BNA_N

ClientSampleId :

C0AX2DL



Tgt Ion:228 Resp: 120

Ion Ratio Lower Upper

228 100

226 43.2 24.7 37.1

229 34.5 17.0 25.6

Manual Integrations

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Supervised By :mohammad ahmed 08/03/2024

