

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033207.D
 Acq On : 02 Aug 2024 16:38
 Operator : MA/JU
 Sample : P3378-08DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COB10DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 17:03:11 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	7.482	152	2463m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.245	136	8222	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.115	164	4724	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.890	188	8815	0.400	ng/ul	-0.05
17) Chrysene-d12	21.122	240	6364	0.400	ng/ul	-0.03
23) Perylene-d12	23.302	264	6147m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	1484	0.476	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.868	152	803	0.060	ng/ul	-0.06
18) Fluoranthene-d10	18.935	212	1979	0.110	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.295	128	7332	0.347	ng/ul	98
7) 2-Methylnaphthalene	11.939	142	330	0.023	ng/ul	98
8) 1-Methylnaphthalene	12.143	142	15598	1.008	ng/ul	100
10) Acenaphthylene	13.838	152	4359	0.225	ng/ul#	91
11) Acenaphthene	14.180	153	204823	14.085	ng/ul	98
12) Fluorene	15.184	166	85726	5.058	ng/ul	99
15) Phenanthrene	16.933	178	6120	0.259	ng/ul	96
16) Anthracene	17.030	178	8527	0.401	ng/ul	95
19) Fluoranthene	18.967	202	42840	2.044	ng/ul	97
20) Pyrene	19.335	202	41337	1.840	ng/ul	96
21) Benzo(a)anthracene	21.107	228	1591	0.073	ng/ul#	79
22) Chrysene	21.160	228	1218	0.048	ng/ul#	78
24) Benzo(b)fluoranthene	22.653	252	910m	0.051	ng/ul	
25) Benzo(k)fluoranthene	22.691	252	464m	0.022	ng/ul	

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

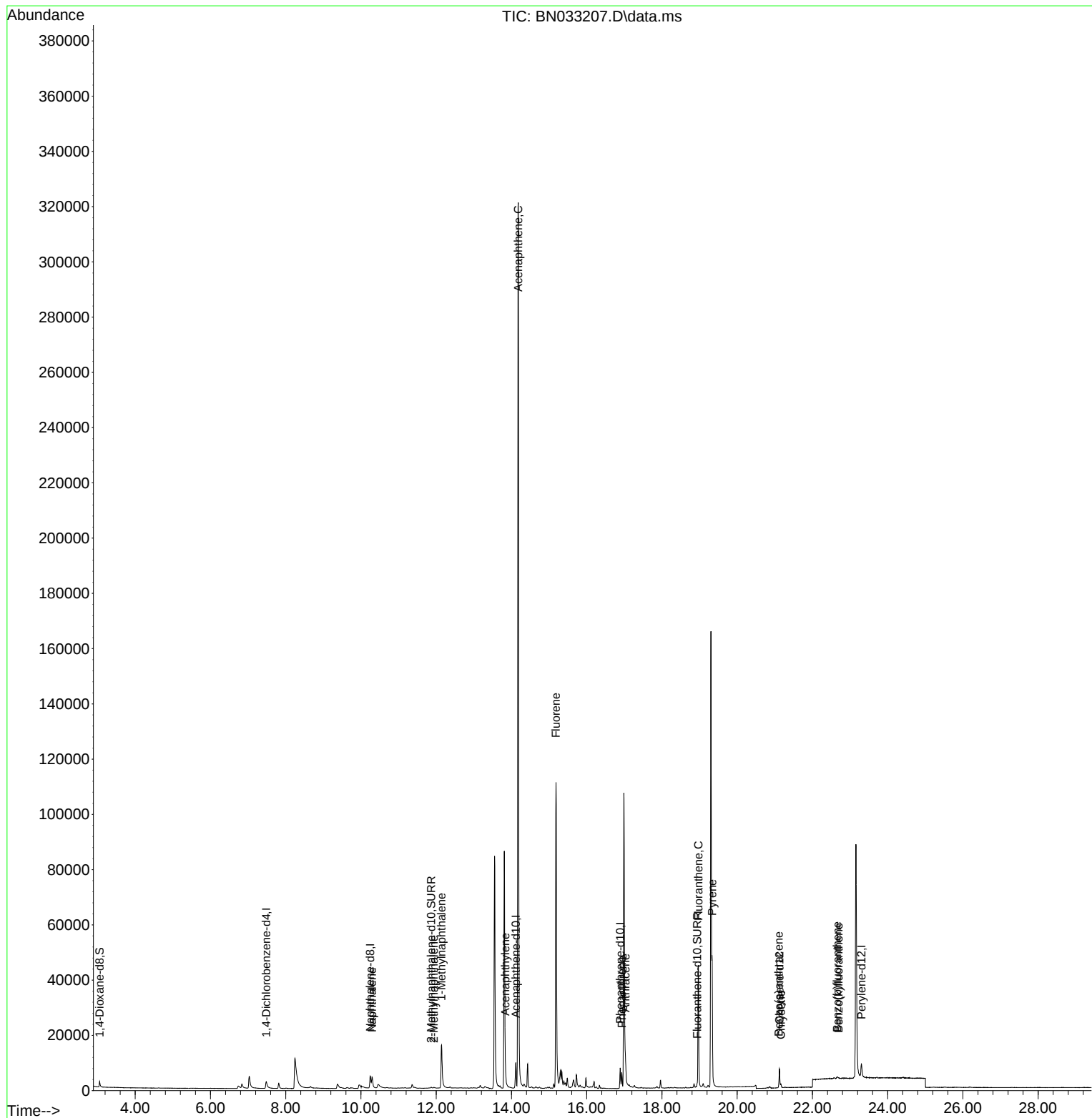
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033207.D
Acq On : 02 Aug 2024 16:38
Operator : MA/JU
Sample : P3378-08DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

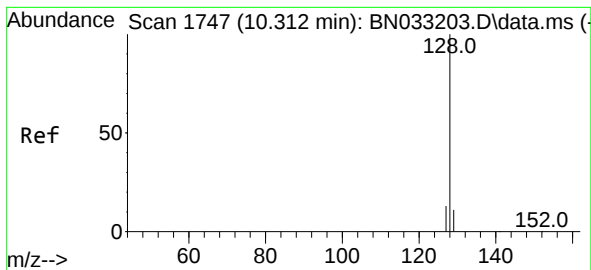
Instrument :
BNA_N
ClientSampleId :
C0B10DL

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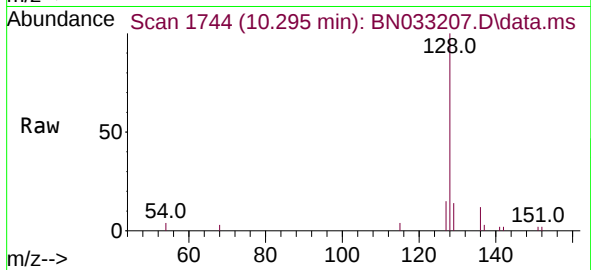
Quant Time: Aug 02 17:03:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.347 ng/ul
RT: 10.295 min Scan# 1744
Delta R.T. -0.082 min
Lab File: BN033207.D
Acq: 02 Aug 2024 16:38

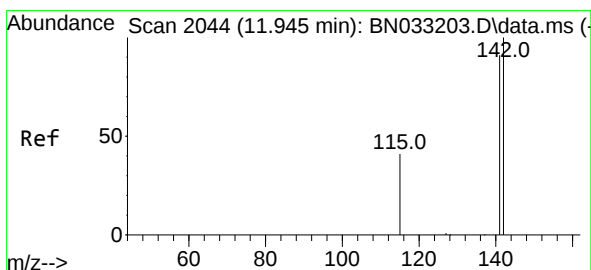
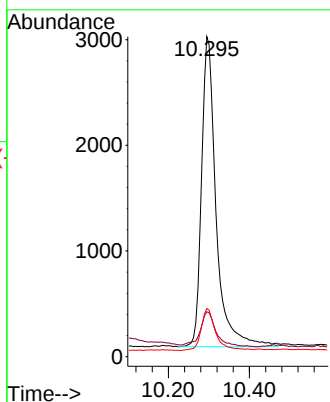
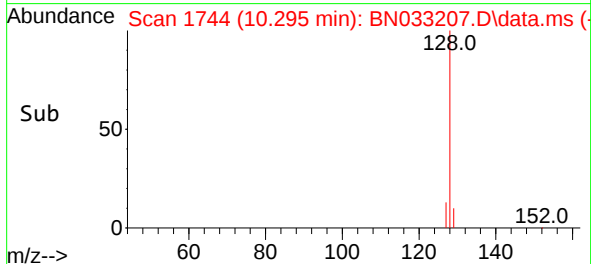
Instrument :
BNA_N
ClientSampleId :
C0B10DL



Tgt Ion:128 Resp: 733
Ion Ratio Lower Upper
128 100
129 14.1 12.0 18.0
127 15.1 12.7 19.1

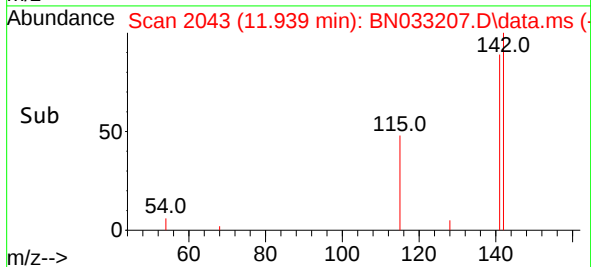
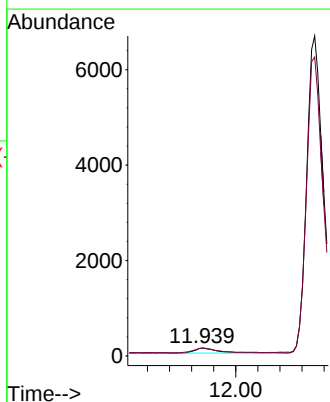
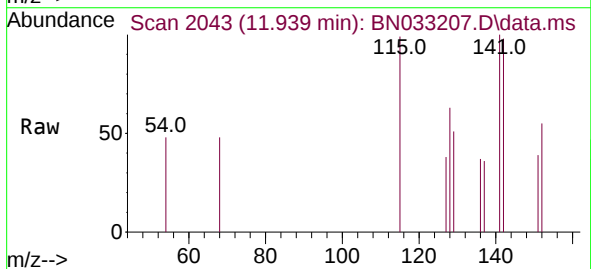
Manual Integrations
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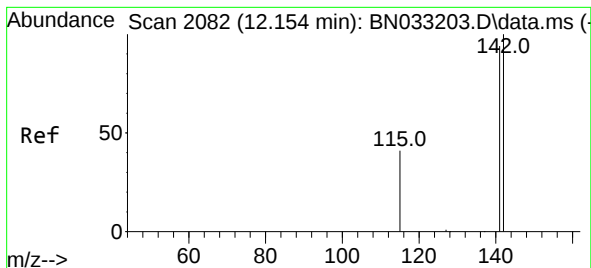
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.066 min
Lab File: BN033207.D
Acq: 02 Aug 2024 16:38

Tgt Ion:142 Resp: 330
Ion Ratio Lower Upper
142 100
141 95.5 75.2 112.8





#8

1-Methylnaphthalene

Concen: 1.008 ng/ul

RT: 12.143 min Scan# 2082

Delta R.T. -0.055 min

Lab File: BN033207.D

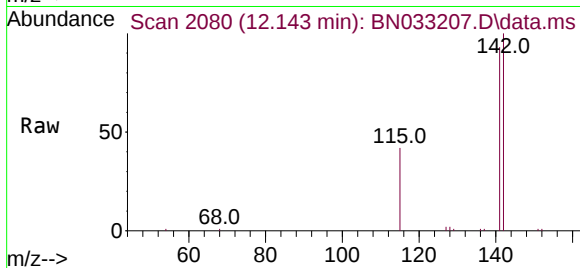
Acq: 02 Aug 2024 16:38

Instrument :

BNA_N

ClientSampleId :

COB10DL



Tgt Ion:142 Resp: 1559

Ion Ratio Lower Upper

142 100

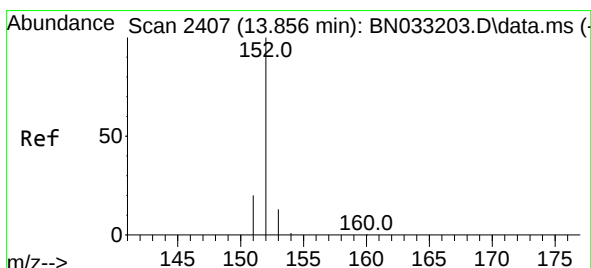
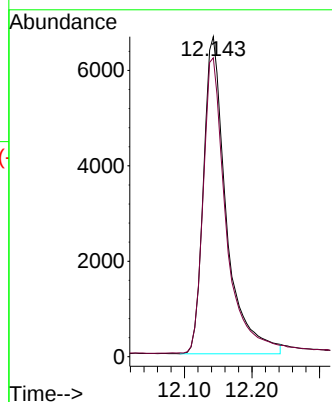
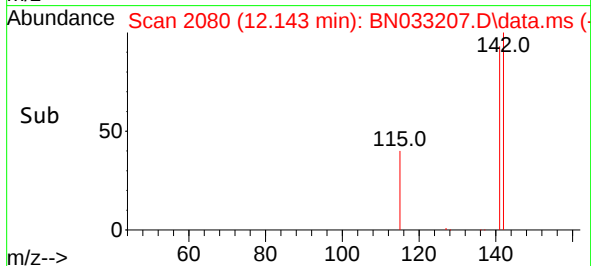
141 93.2 74.3 111.5

Manual Integrations

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Supervised By :mohammad ahmed 08/03/2024



#10

Acenaphthylene

Concen: 0.225 ng/ul

RT: 13.838 min Scan# 2403

Delta R.T. -0.060 min

Lab File: BN033207.D

Acq: 02 Aug 2024 16:38

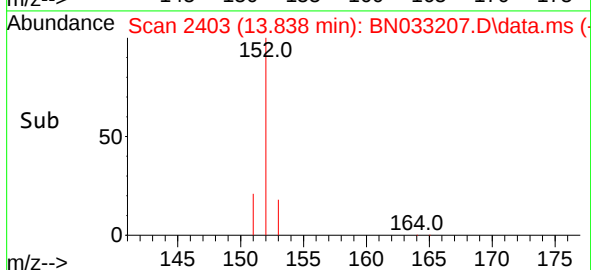
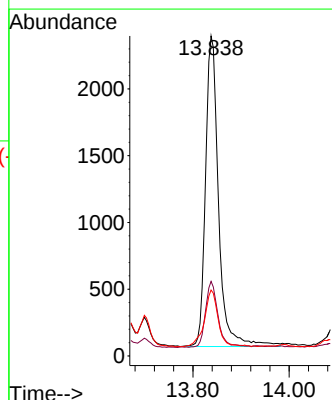
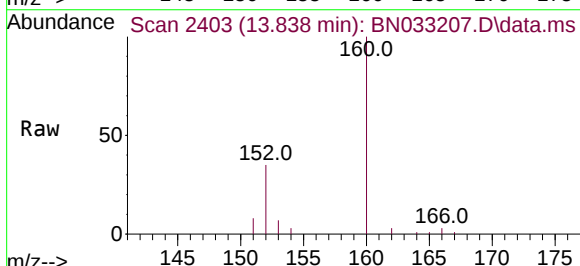
Tgt Ion:152 Resp: 4359

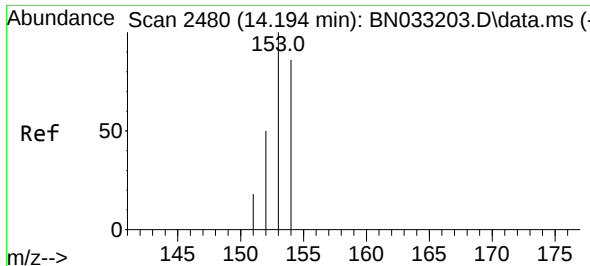
Ion Ratio Lower Upper

152 100

151 23.3 16.8 25.2

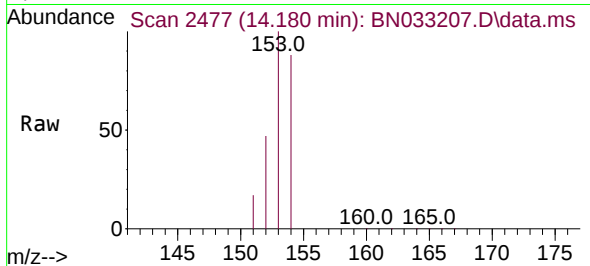
153 20.6 11.9 17.9#





#11
Acenaphthene
Concen: 14.085 ng/ul
RT: 14.180 min Scan# 2480
Delta R.T. -0.046 min
Lab File: BN033207.D
Acq: 02 Aug 2024 16:38

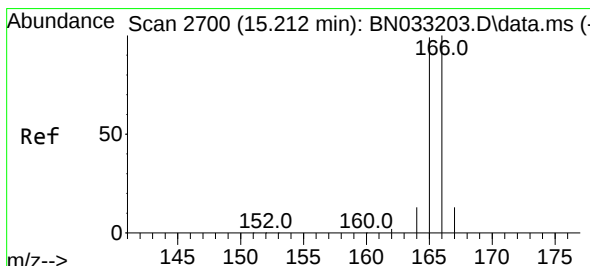
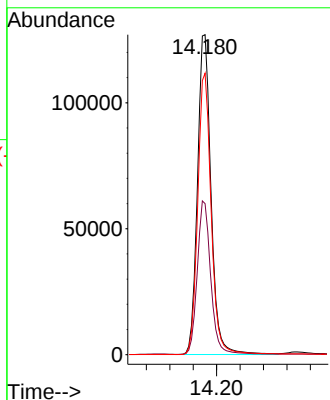
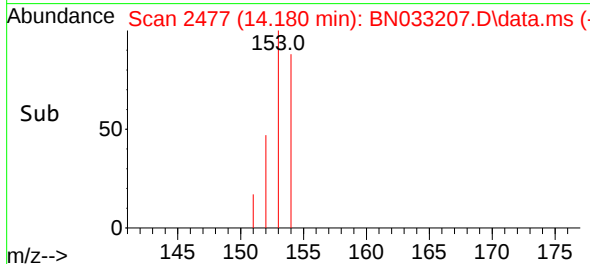
Instrument :
BNA_N
ClientSampleId :
C0B10DL



Tgt Ion:153 Resp: 20482
Ion Ratio Lower Upper
153 100
152 47.2 40.0 60.0
154 87.9 70.1 105.1

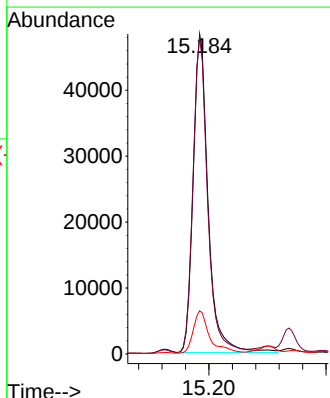
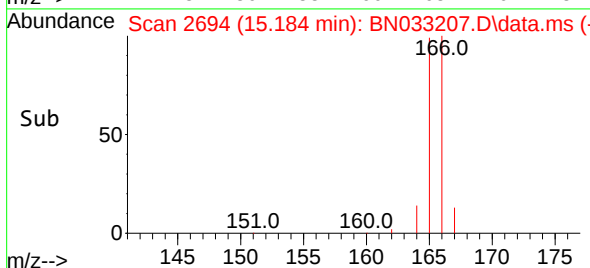
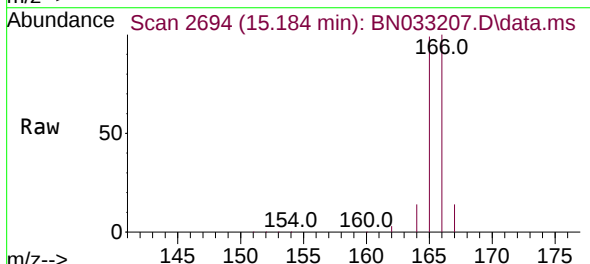
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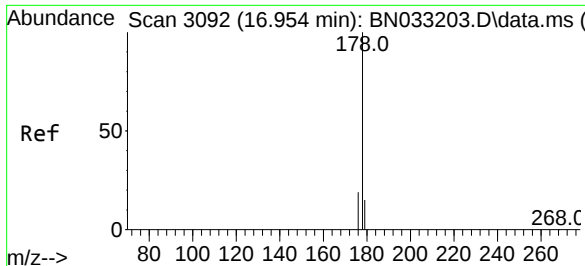
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 5.058 ng/ul
RT: 15.184 min Scan# 2694
Delta R.T. -0.065 min
Lab File: BN033207.D
Acq: 02 Aug 2024 16:38

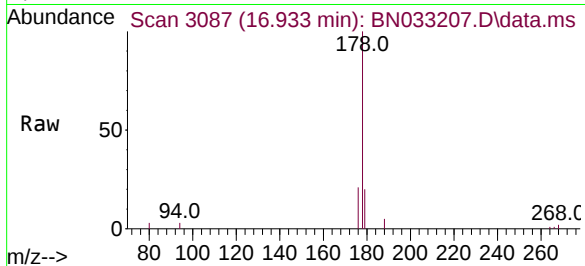
Tgt Ion:166 Resp: 85726
Ion Ratio Lower Upper
166 100
165 98.9 79.6 119.4
167 13.5 12.2 18.4





#15
Phenanthrene
Concen: 0.259 ng/u1
RT: 16.933 min Scan# 3092
Delta R.T. -0.050 min
Lab File: BN033207.D
Acq: 02 Aug 2024 16:38

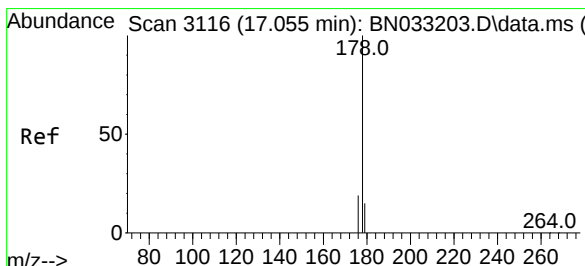
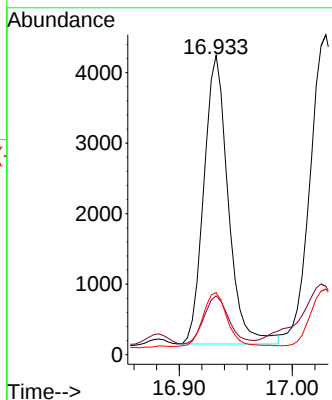
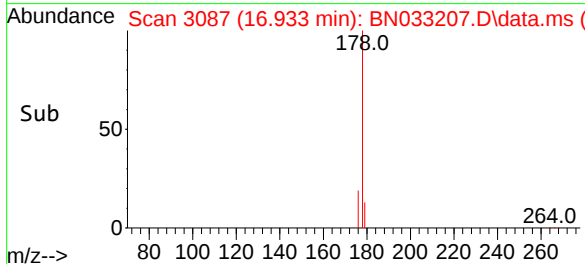
Instrument :
BNA_N
ClientSampleId :
C0B10DL



Tgt Ion:178 Resp: 6120
Ion Ratio Lower Upper
178 100
179 19.7 13.7 20.5
176 20.7 15.9 23.9

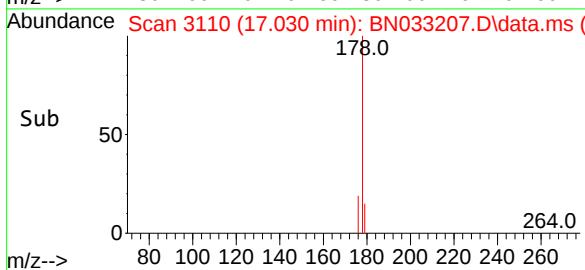
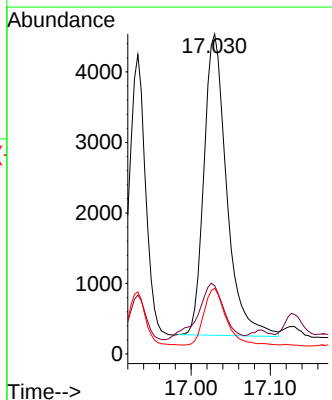
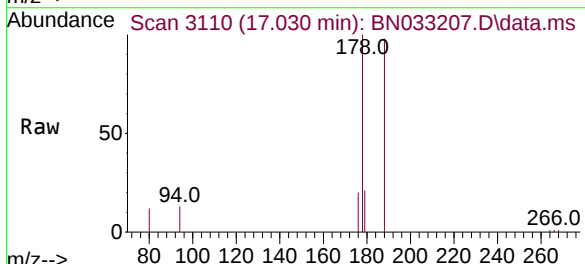
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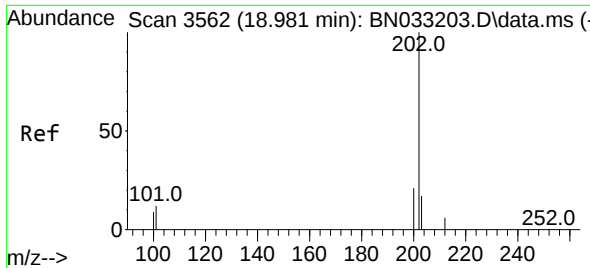
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#16
Anthracene
Concen: 0.401 ng/u1
RT: 17.030 min Scan# 3110
Delta R.T. -0.059 min
Lab File: BN033207.D
Acq: 02 Aug 2024 16:38

Tgt Ion:178 Resp: 8527
Ion Ratio Lower Upper
178 100
179 21.4 14.3 21.5
176 20.5 15.8 23.8





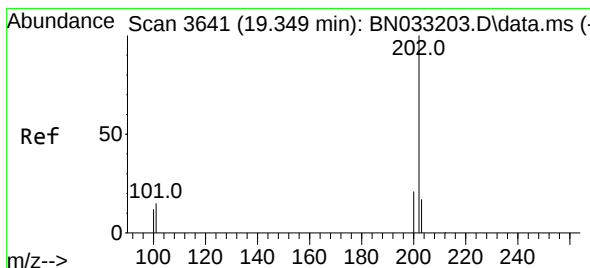
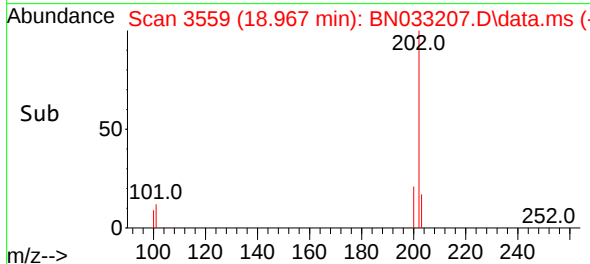
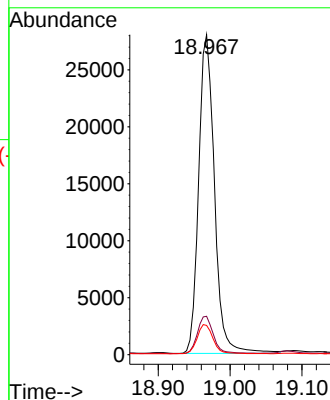
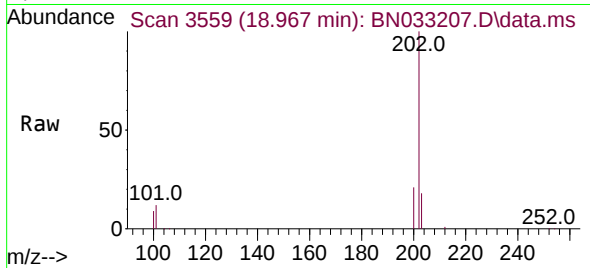
#19
Fluoranthene
Concen: 2.044 ng/ul
RT: 18.967 min Scan# 3559
Delta R.T. -0.037 min
Lab File: BN033207.D
Acq: 02 Aug 2024 16:38

Instrument :
BNA_N
ClientSampleId :
C0B10DL

Tgt Ion:202 Resp: 42840
Ion Ratio Lower Upper
202 100
101 12.0 10.7 16.1
100 9.2 8.3 12.5

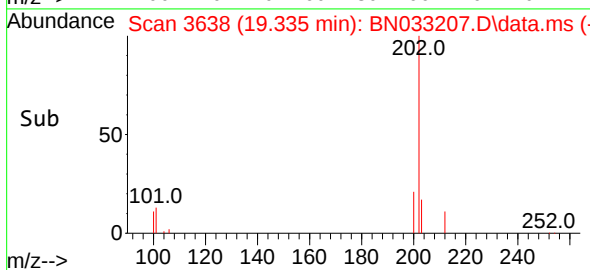
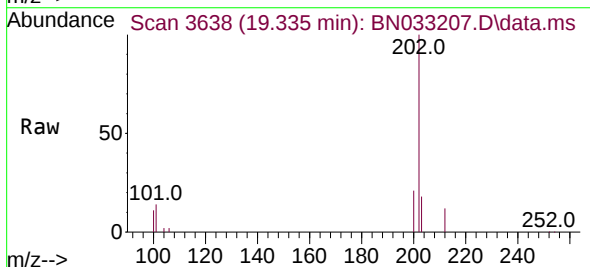
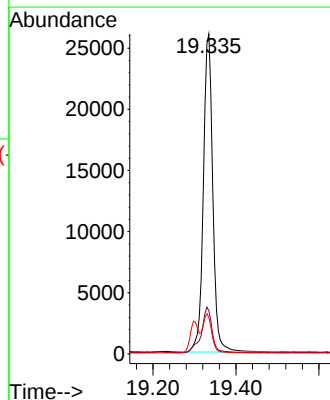
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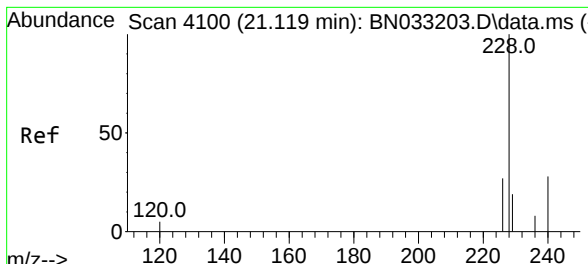
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 1.840 ng/ul
RT: 19.335 min Scan# 3638
Delta R.T. -0.037 min
Lab File: BN033207.D
Acq: 02 Aug 2024 16:38

Tgt Ion:202 Resp: 41337
Ion Ratio Lower Upper
202 100
101 13.6 12.6 18.8
100 11.4 9.9 14.9





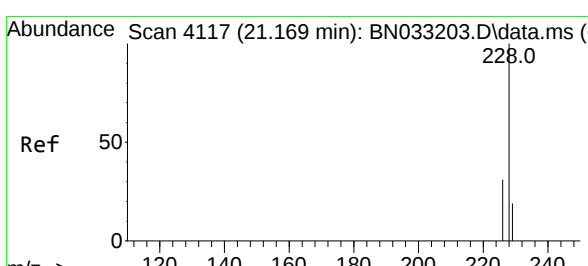
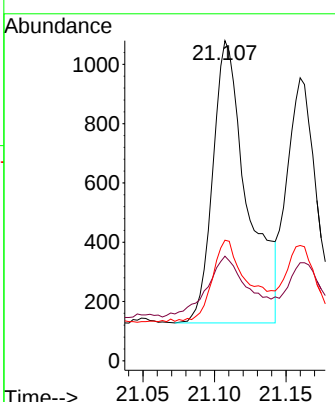
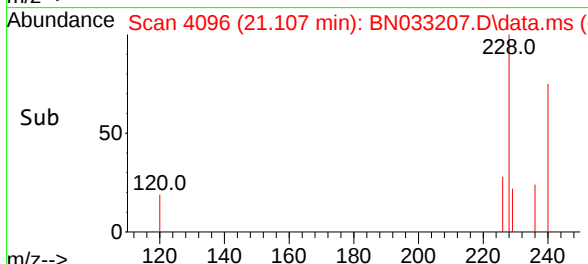
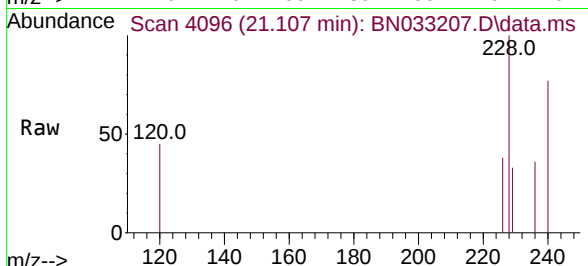
#21
 Benzo(a)anthracene
 Concen: 0.073 ng/ul
 RT: 21.107 min Scan# 4096
 Delta R.T. -0.029 min
 Lab File: BN033207.D
 Acq: 02 Aug 2024 16:38

Instrument : BNA_N
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Tgt Ion:228 Resp: 159

Ion	Ratio	Lower	Upper
228	100		
229	32.7	17.1	25.7
226	37.7	22.4	33.6

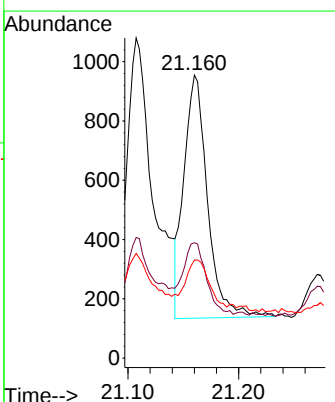
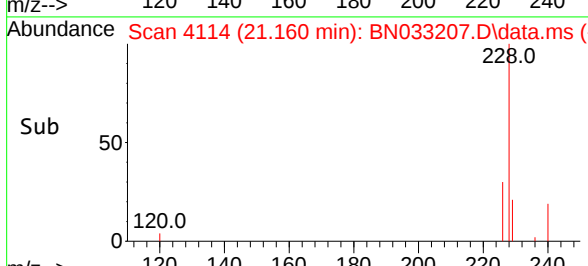
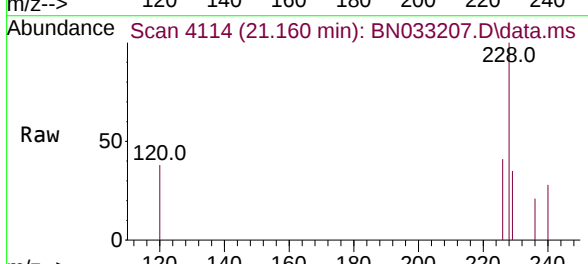
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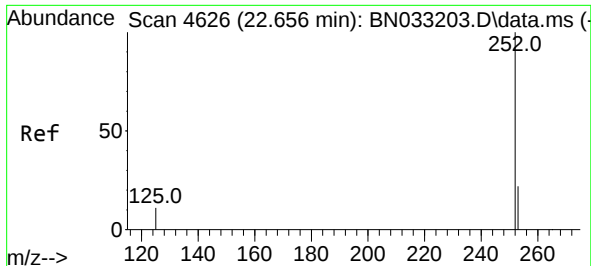


#22
 Chrysene
 Concen: 0.048 ng/ul
 RT: 21.160 min Scan# 4114
 Delta R.T. -0.029 min
 Lab File: BN033207.D
 Acq: 02 Aug 2024 16:38

Tgt Ion:228 Resp: 1218

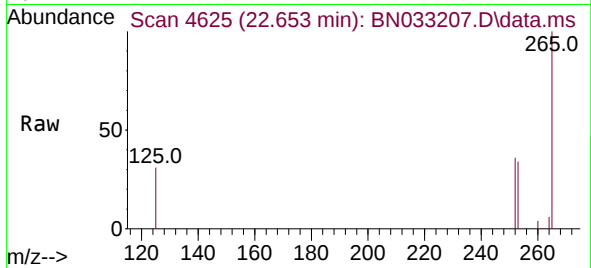
Ion	Ratio	Lower	Upper
228	100		
226	40.7	24.7	37.1
229	34.7	17.0	25.6





#24
Benzo(b)fluoranthene
Concen: 0.051 ng/ul m
RT: 22.653 min Scan# 4625
Delta R.T. -0.029 min
Lab File: BN033207.D
Acq: 02 Aug 2024 16:38

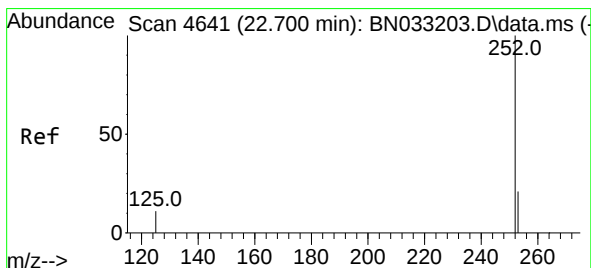
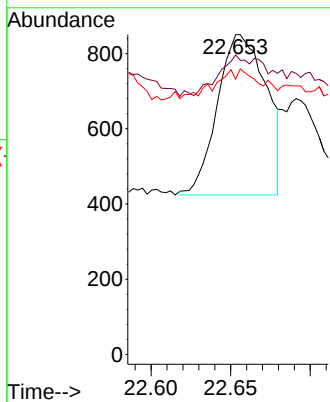
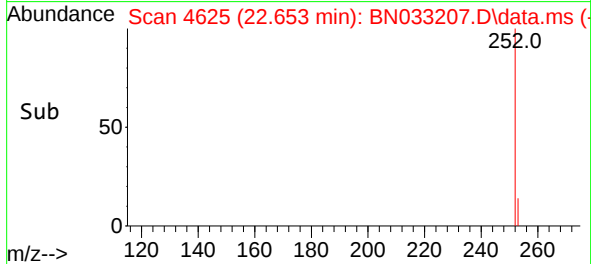
Instrument :
BNA_N
ClientSampleId :
COB10DL



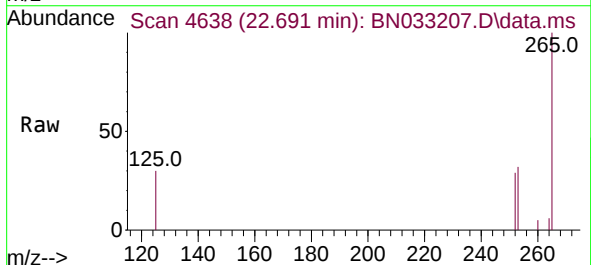
Tgt Ion:252 Resp: 910
Ion Ratio Lower Upper
252 100
253 93.6 0.0 60.6
125 86.1 0.0 51.0

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



#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 22.691 min Scan# 4638
Delta R.T. -0.035 min
Lab File: BN033207.D
Acq: 02 Aug 2024 16:38



Tgt Ion:252 Resp: 464
Ion Ratio Lower Upper
252 100
253 109.9 24.9 37.3#
125 105.0 20.9 31.3#

