

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033201.D
 Acq On : 02 Aug 2024 12:23
 Operator : MA/JU
 Sample : P3265-06DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D39DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 13:09:24 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	7.486	152	3446m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.262	136	10757	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.129	164	6250	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.890	188	13075	0.400	ng/ul	-0.05
17) Chrysene-d12	21.116	240	9336	0.400	ng/ul	#-0.03
23) Perylene-d12	23.290	264	10585m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	1378	0.316	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152	295	0.017	ng/ul	-0.04
18) Fluoranthene-d10	18.930	212	733	0.028	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.311	128	3414	0.124	ng/ul#	91
7) 2-Methylnaphthalene	11.961	142	1075	0.057	ng/ul	95
8) 1-Methylnaphthalene	12.165	142	843	0.042	ng/ul	97
10) Acenaphthylene	13.852	152	6190	0.242	ng/ul	99
11) Acenaphthene	14.194	153	4388	0.228	ng/ul	99
12) Fluorene	15.198	166	4432	0.198	ng/ul	98
15) Phenanthrene	16.933	178	108909	3.105	ng/ul	97
16) Anthracene	17.030	178	19644	0.623	ng/ul	98
19) Fluoranthene	18.963	202	229143	7.454	ng/ul	96
20) Pyrene	19.330	202	176653	5.359	ng/ul	97
21) Benzo(a)anthracene	21.099	228	85872	2.697	ng/ul	99
22) Chrysene	21.151	228	99871	2.687	ng/ul	99
24) Benzo(b)fluoranthene	22.641	252	139375m	4.507	ng/ul	
25) Benzo(k)fluoranthene	22.682	252	50382m	1.360	ng/ul	
26) Benzo(a)pyrene	23.200	252	63523	2.183	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.473	276	63836	1.443	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.463	278	16962	0.484	ng/ul	98
29) Benzo(g,h,i)perylene	26.144	276	10629	0.302	ng/ul#	90

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

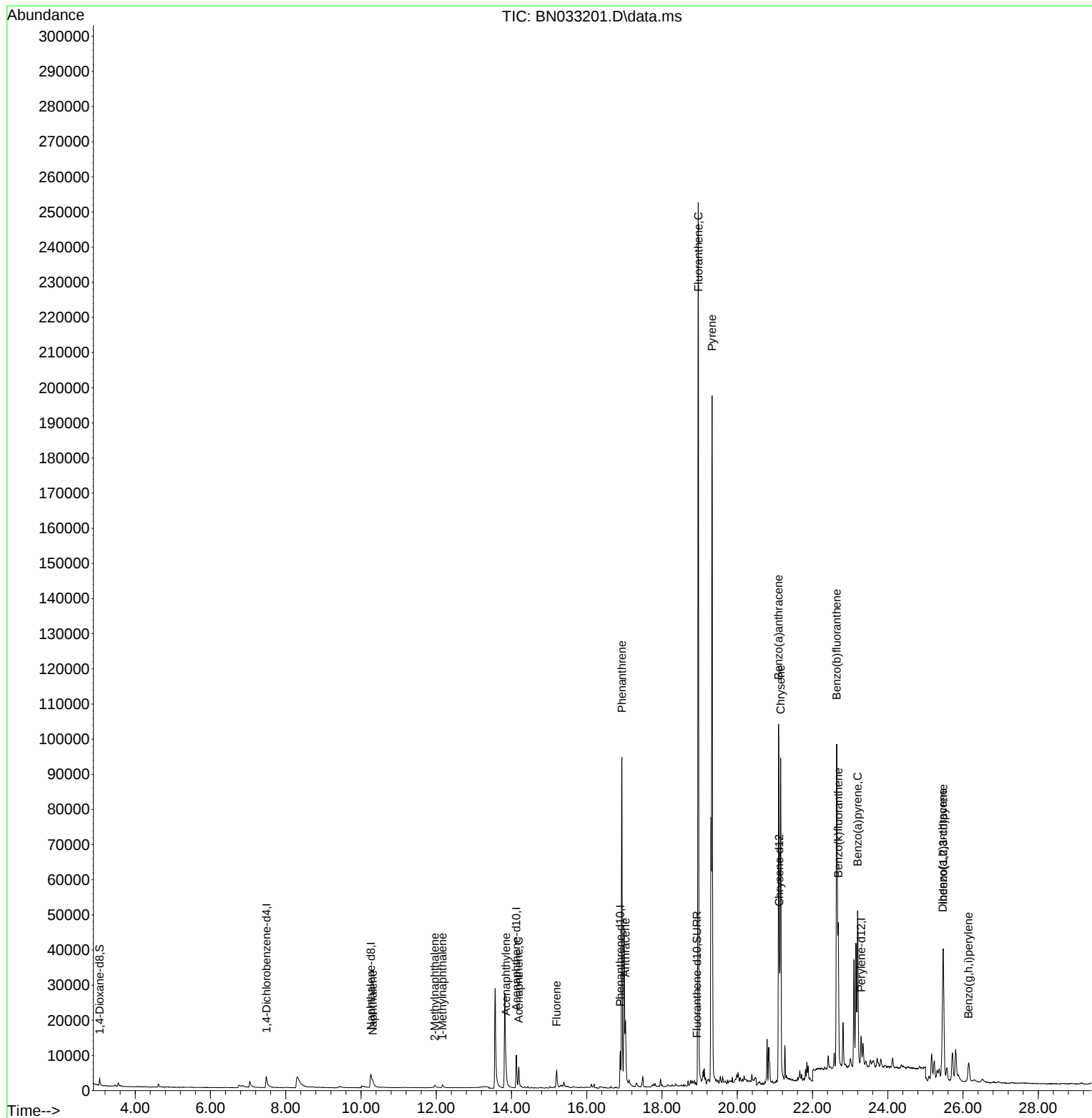
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033201.D
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ALS Vial : 35 Sample Multiplier: 1

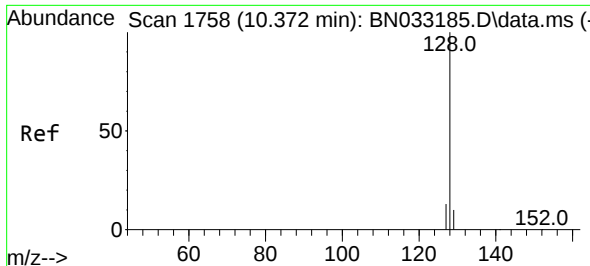
Instrument :
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ClientSampleId :
A4D39DL

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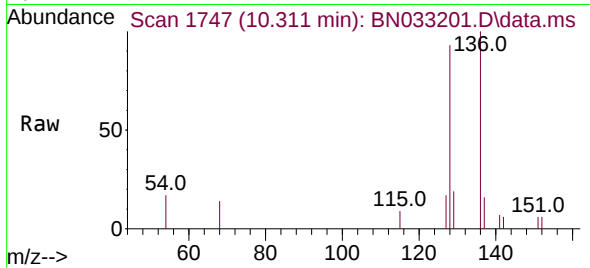
Quant Time: Aug 02 13:09:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.124 ng/ul
RT: 10.311 min Scan# 1747
Delta R.T. -0.066 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23

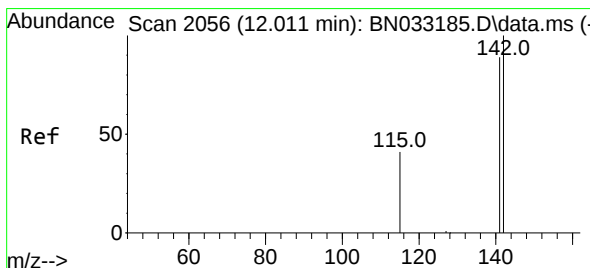
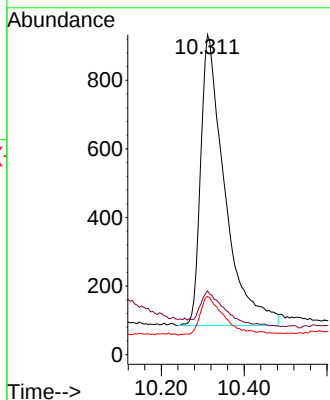
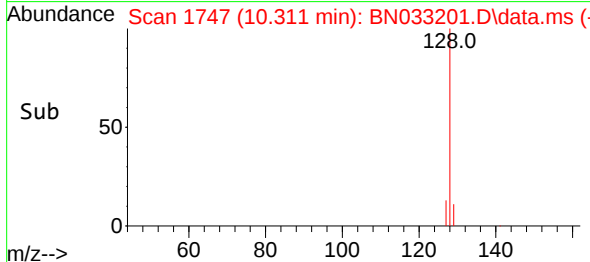
Instrument :
BNA_N
ClientSampleId :
A4D39DL



Tgt Ion:128 Resp: 3414
Ion Ratio Lower Upper
128 100
129 19.9 12.0 18.0
127 18.2 12.7 19.1

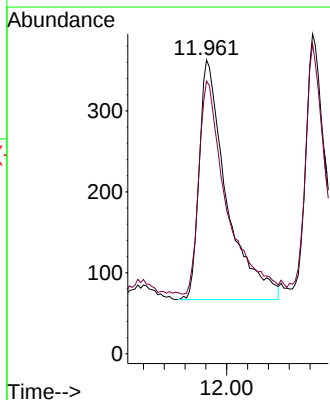
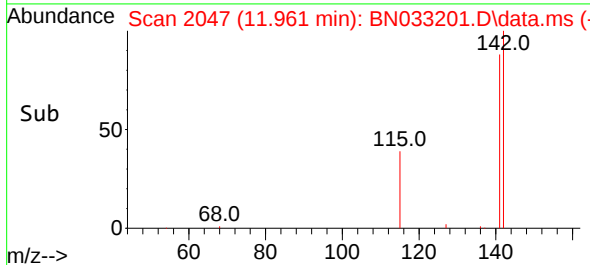
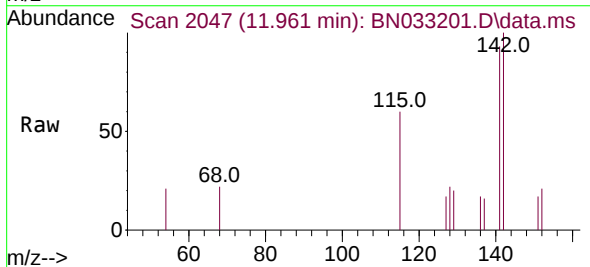
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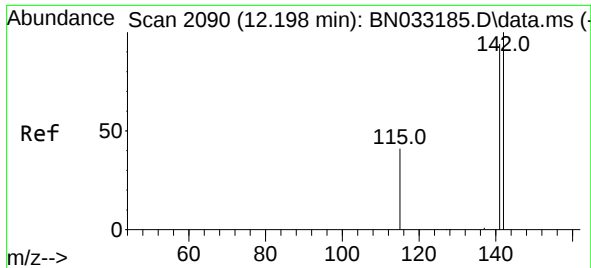
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 11.961 min Scan# 2047
Delta R.T. -0.044 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23

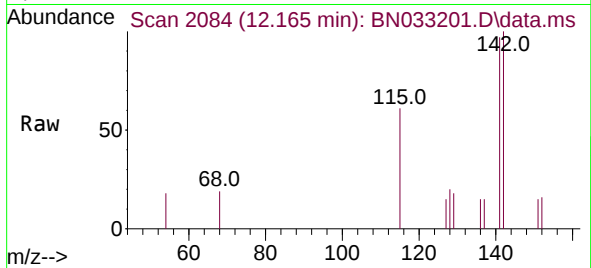
Tgt Ion:142 Resp: 1075
Ion Ratio Lower Upper
142 100
141 89.0 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.165 min Scan# 2090
Delta R.T. -0.033 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23

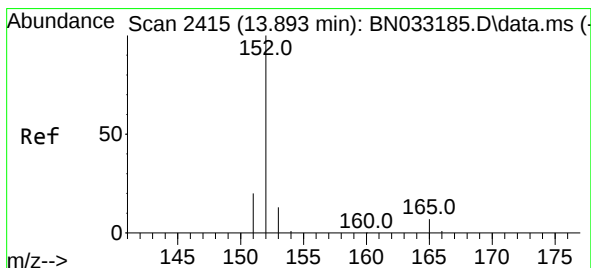
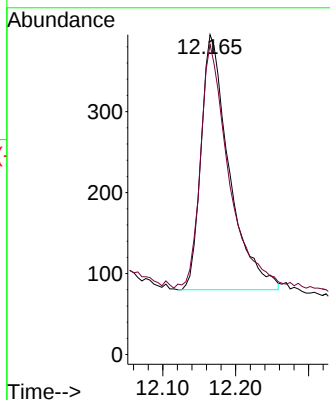
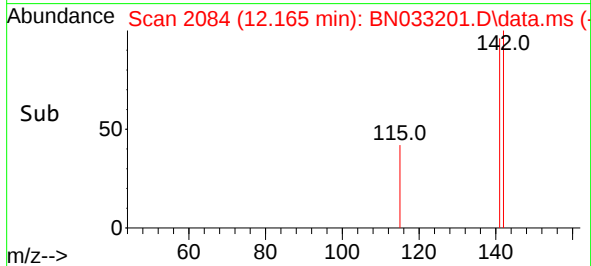
Instrument :
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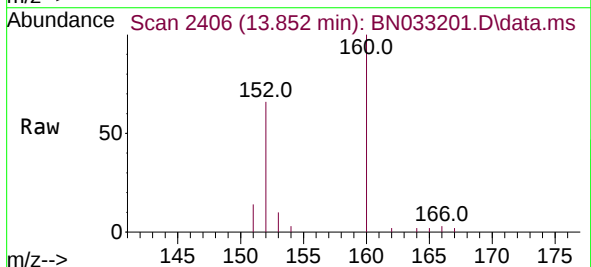
Tgt Ion:142 Resp: 84
Ion Ratio Lower Upper
142 100
141 96.2 74.3 111.5

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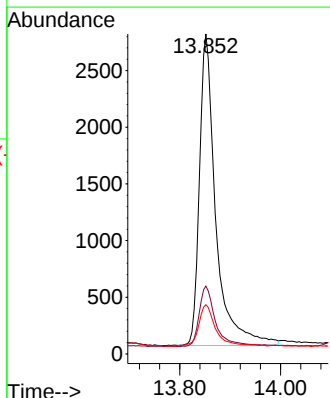
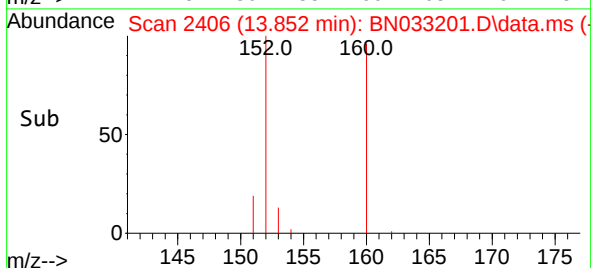
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024

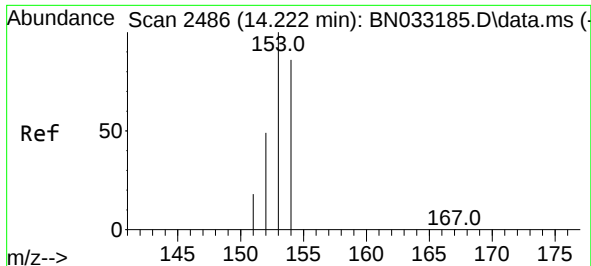


#10
Acenaphthylene
Concen: 0.242 ng/ul
RT: 13.852 min Scan# 2406
Delta R.T. -0.046 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23



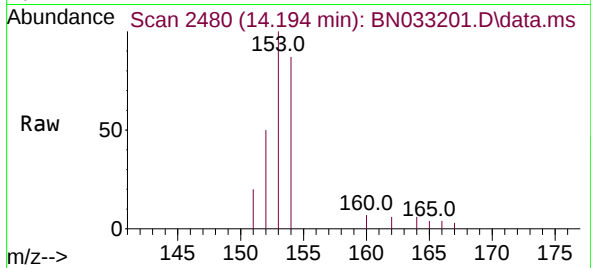
Tgt Ion:152 Resp: 6190
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2
153 15.4 11.9 17.9





#11
Acenaphthene
Concen: 0.228 ng/ul
RT: 14.194 min Scan# 2486
Delta R.T. -0.032 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23

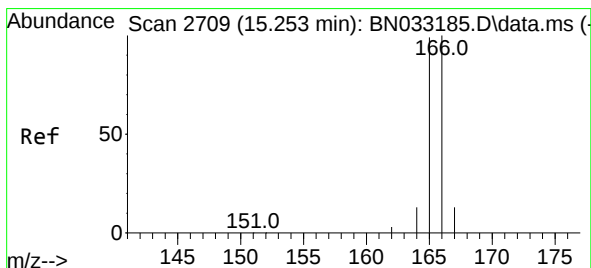
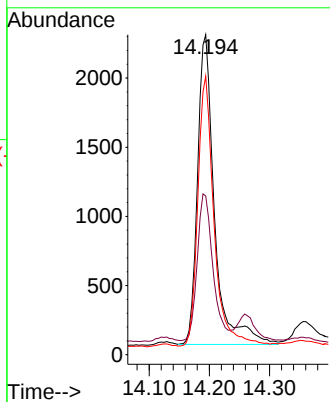
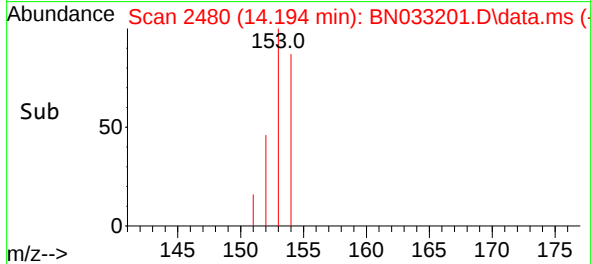
Instrument :
BNA_N
ClientSampleId :
A4D39DL



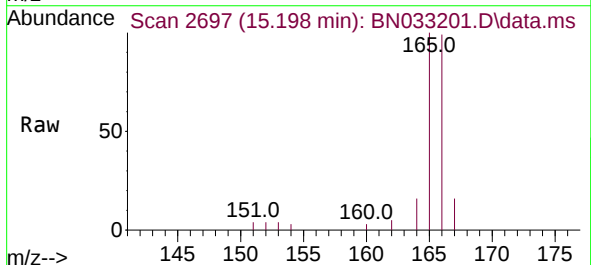
Tgt Ion:153 Resp: 4388
Ion Ratio Lower Upper
153 100
152 49.6 40.0 60.0
154 87.1 70.1 105.1

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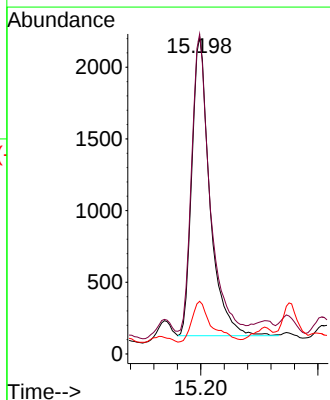
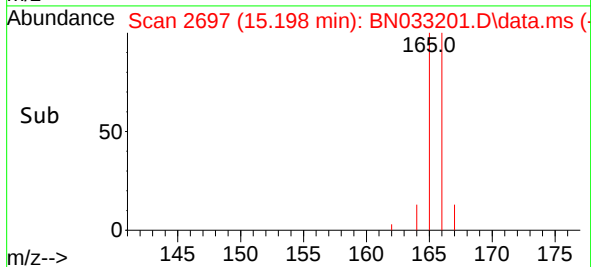
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024

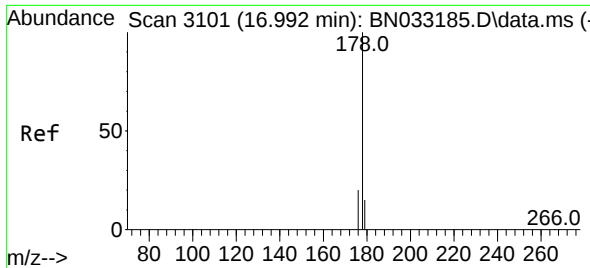


#12
Fluorene
Concen: 0.198 ng/ul
RT: 15.198 min Scan# 2697
Delta R.T. -0.051 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23



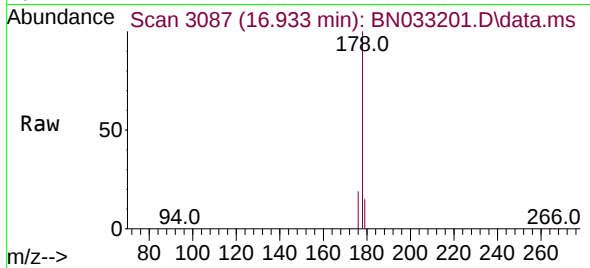
Tgt Ion:166 Resp: 4432
Ion Ratio Lower Upper
166 100
165 100.9 79.6 119.4
167 16.6 12.2 18.4





#15
Phenanthrene
Concen: 3.105 ng/ul
RT: 16.933 min Scan# 3087
Delta R.T. -0.050 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23

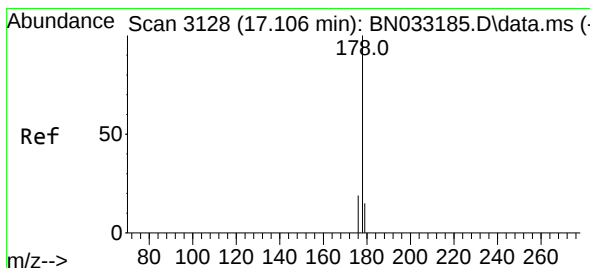
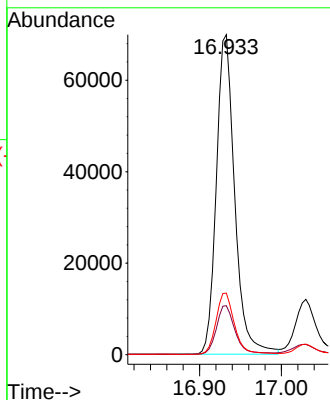
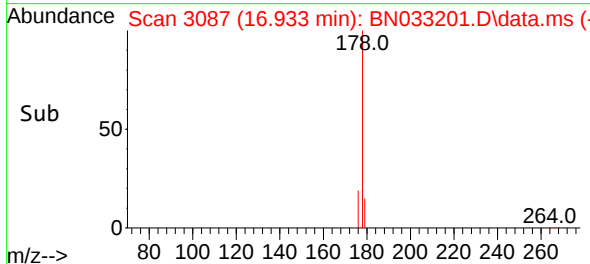
Instrument :
BNA_N
ClientSampleId :
A4D39DL



Tgt Ion:178 Resp: 108909
Ion Ratio Lower Upper
178 100
179 15.3 13.7 20.5
176 19.2 15.9 23.9

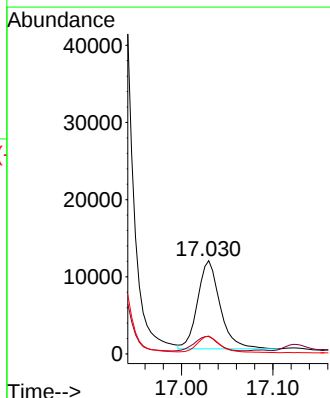
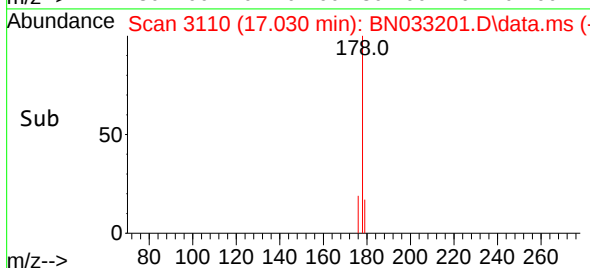
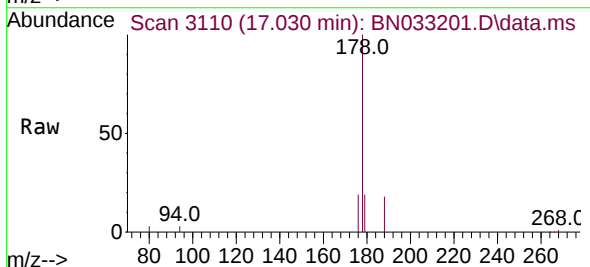
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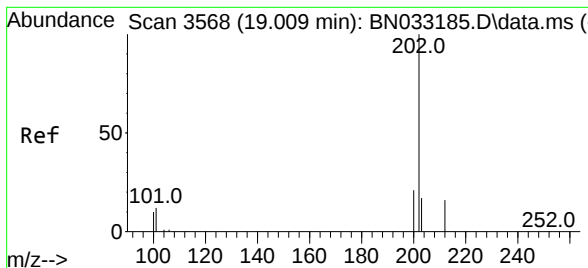
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#16
Anthracene
Concen: 0.623 ng/ul
RT: 17.030 min Scan# 3110
Delta R.T. -0.059 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23

Tgt Ion:178 Resp: 19644
Ion Ratio Lower Upper
178 100
179 18.6 14.3 21.5
176 19.2 15.8 23.8





#19

Fluoranthene

Concen: 7.454 ng/u1

RT: 18.963 min Scan# 31

Delta R.T. -0.042 min

Lab File: BN033201.D

Acq: 02 Aug 2024 12:23

Instrument :

BNA_N

ClientSampleId :

A4D39DL

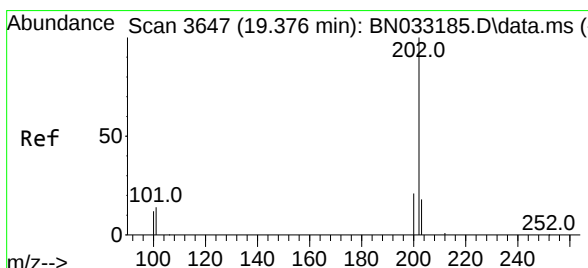
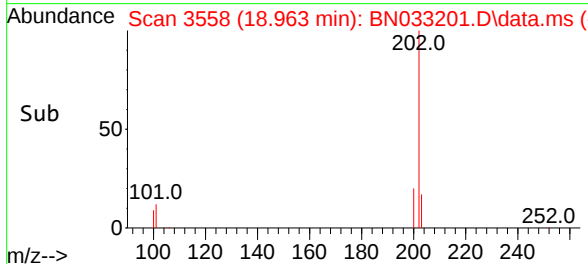
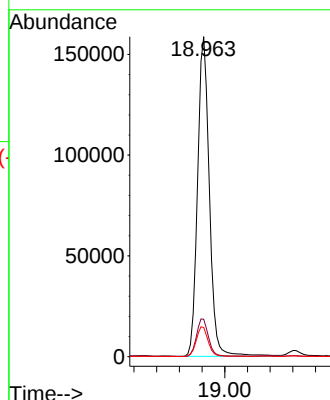
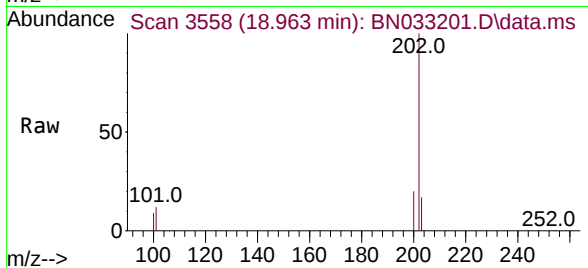
Tgt Ion:202 Resp: 22914
 Ion Ratio Lower Upper
 202 100
 101 11.7 10.7 16.1
 100 9.1 8.3 12.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/03/2024

Supervised By :mohammad ahmed 08/03/2024



#20

Pyrene

Concen: 5.359 ng/u1

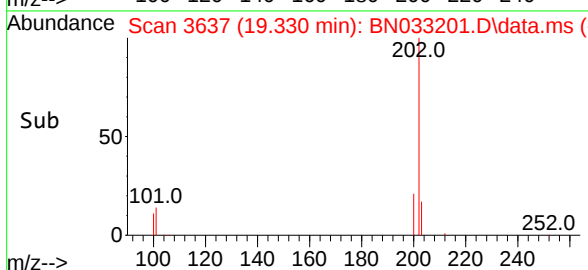
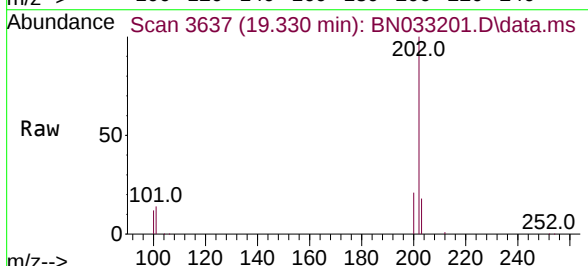
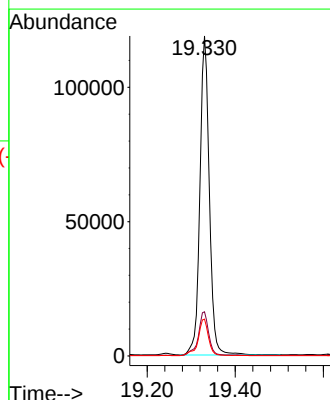
RT: 19.330 min Scan# 3637

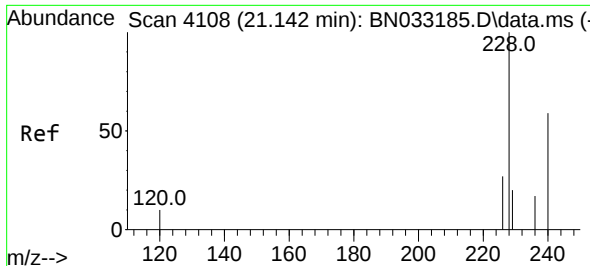
Delta R.T. -0.042 min

Lab File: BN033201.D

Acq: 02 Aug 2024 12:23

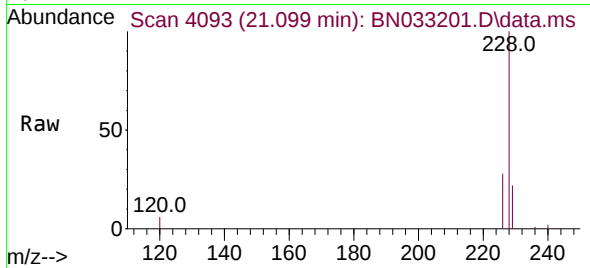
Tgt Ion:202 Resp: 176653
 Ion Ratio Lower Upper
 202 100
 101 13.8 12.6 18.8
 100 11.5 9.9 14.9





#21
Benzo(a)anthracene
Concen: 2.697 ng/ul
RT: 21.099 min Scan# 4108
Delta R.T. -0.038 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23

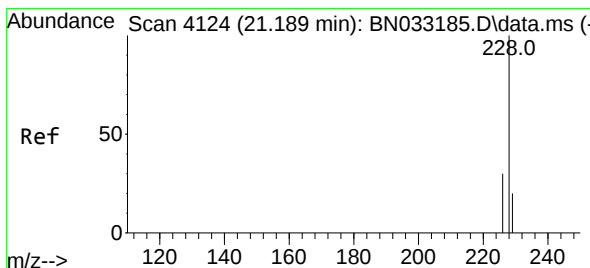
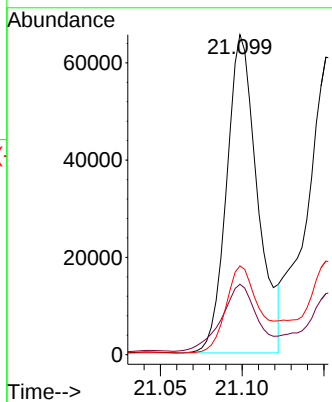
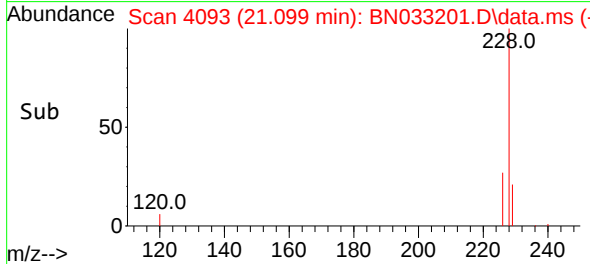
Instrument :
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ClientSampleId :
A4D39DL



Tgt Ion:228 Resp: 85872
Ion Ratio Lower Upper
228 100
229 22.0 17.1 25.7
226 27.7 22.4 33.6

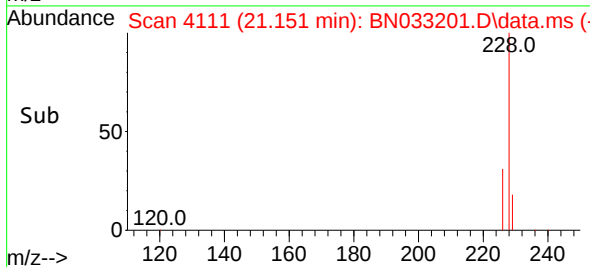
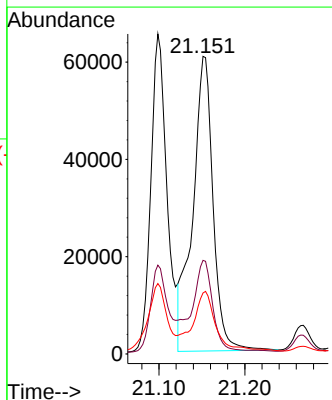
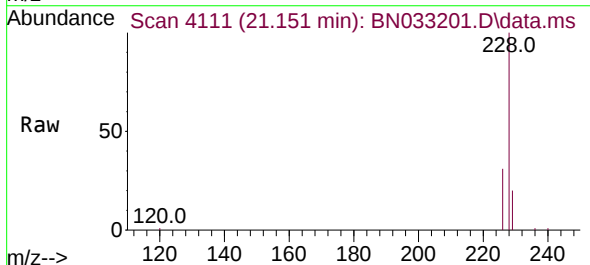
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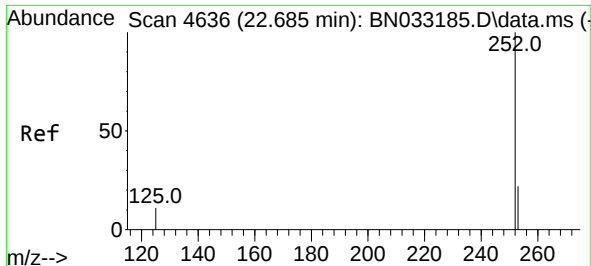
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 2.687 ng/ul
RT: 21.151 min Scan# 4111
Delta R.T. -0.038 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23

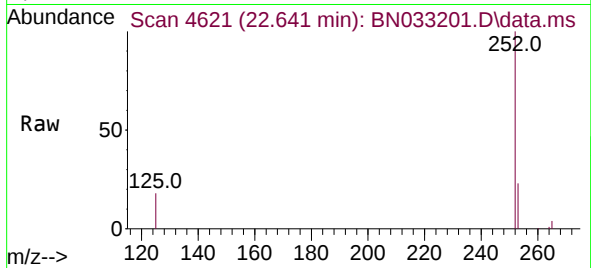
Tgt Ion:228 Resp: 99871
Ion Ratio Lower Upper
228 100
226 31.5 24.7 37.1
229 20.5 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 4.507 ng/ul m
RT: 22.641 min Scan# 4621
Delta R.T. -0.041 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23

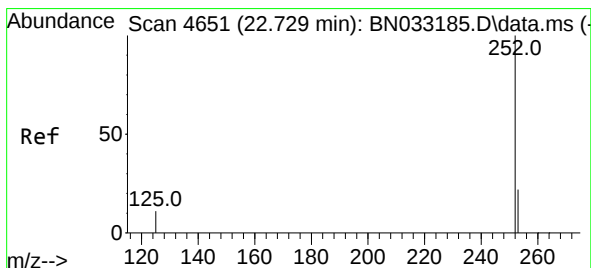
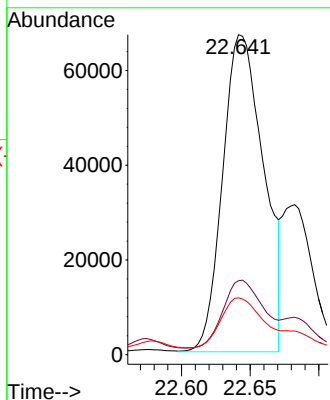
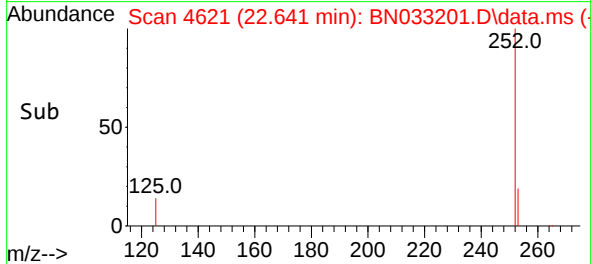
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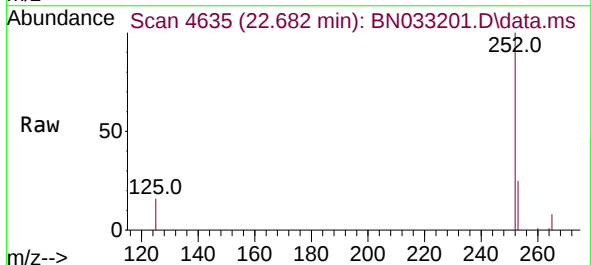
Tgt Ion:252 Resp: 139375
Ion Ratio Lower Upper
252 100
253 23.1 0.0 60.6
125 17.8 0.0 51.0

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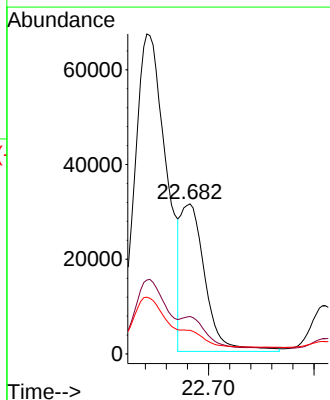
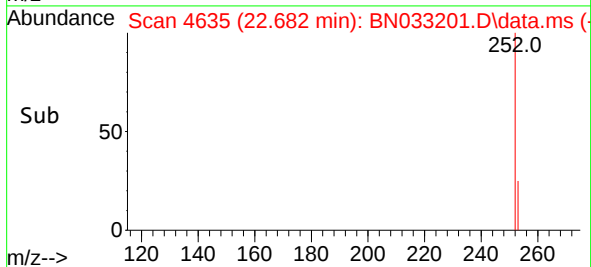
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024

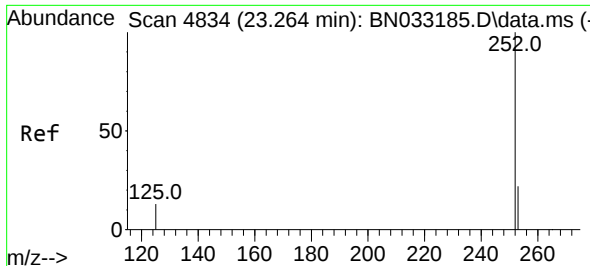


#25
Benzo(k)fluoranthene
Concen: 1.360 ng/ul m
RT: 22.682 min Scan# 4635
Delta R.T. -0.044 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23



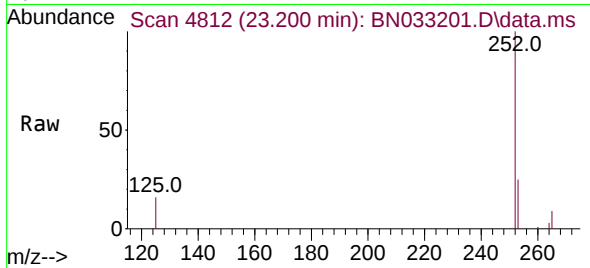
Tgt Ion:252 Resp: 50382
Ion Ratio Lower Upper
252 100
253 24.9 24.9 37.3
125 15.8 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 2.183 ng/ul
RT: 23.200 min Scan# 4812
Delta R.T. -0.049 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23

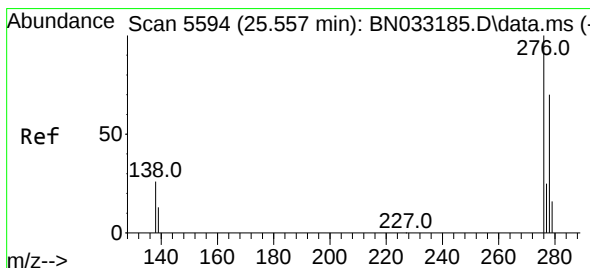
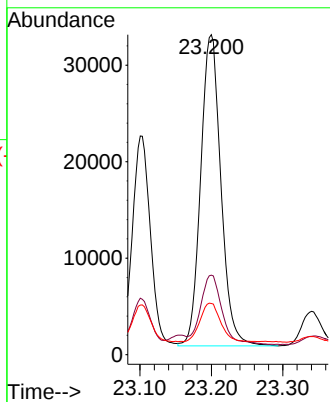
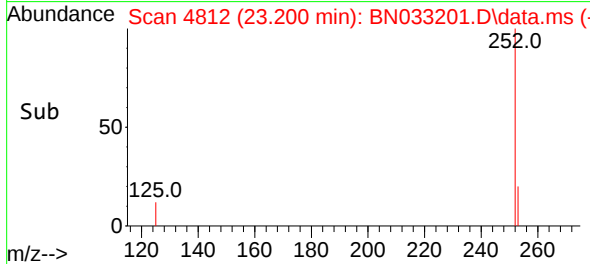
Instrument :
BNA_N
ClientSampleId :
A4D39DL



Tgt Ion:252 Resp: 6352
Ion Ratio Lower Upper
252 100
253 24.8 27.5 41.3
125 16.0 27.0 40.6

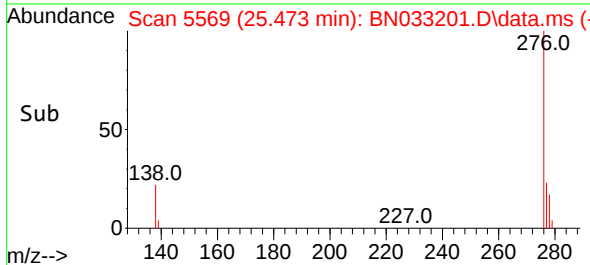
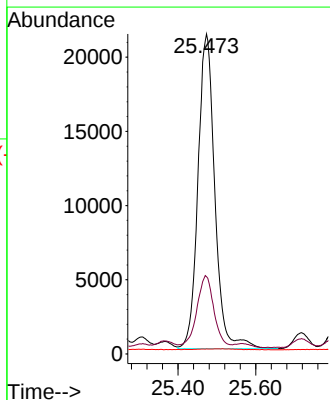
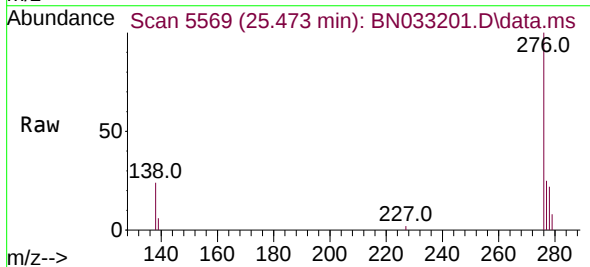
Manual Integrations
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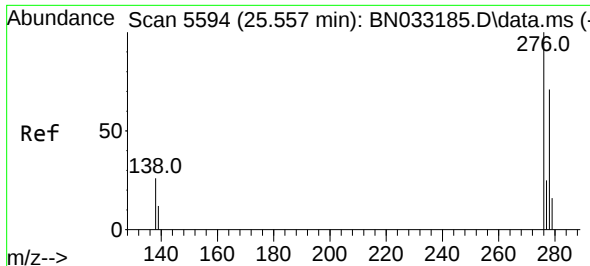
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.443 ng/ul
RT: 25.473 min Scan# 5569
Delta R.T. -0.067 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23

Tgt Ion:276 Resp: 63836
Ion Ratio Lower Upper
276 100
138 24.6 21.8 32.8
227 0.0 0.2 0.2





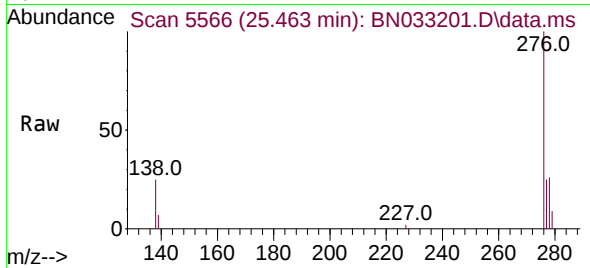
#28
Dibenzo(a,h)anthracene
Concen: 0.484 ng/ul
RT: 25.463 min Scan# 51
Delta R.T. -0.077 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23

Instrument :

BNA_N

ClientSampleId :

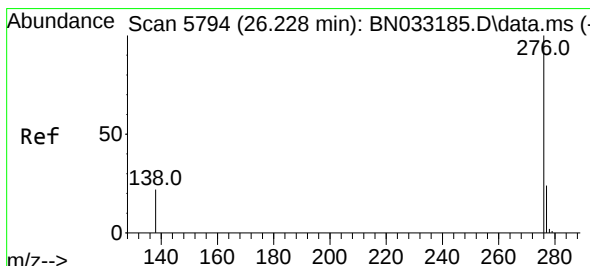
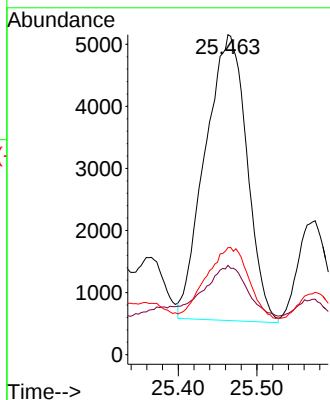
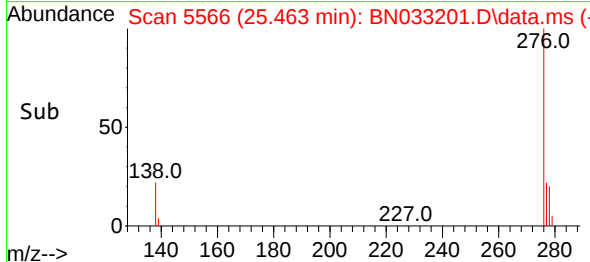
A4D39DL



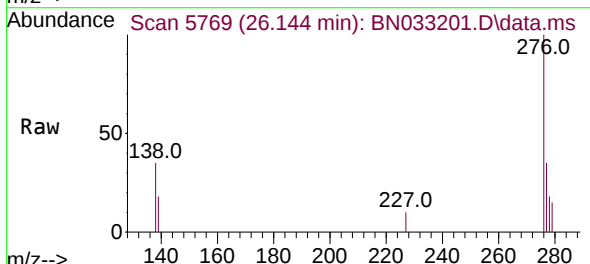
Tgt Ion:278 Resp: 1696
Ion Ratio Lower Upper
278 100
139 27.9 22.5 33.7
279 33.4 25.5 38.3

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



#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 26.144 min Scan# 5769
Delta R.T. -0.074 min
Lab File: BN033201.D
Acq: 02 Aug 2024 12:23



Tgt Ion:276 Resp: 10629
Ion Ratio Lower Upper
276 100
138 35.1 24.6 37.0
277 34.7 22.6 34.0#

