

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033202.D
 Acq On : 02 Aug 2024 12:59
 Operator : MA/JU
 Sample : P3265-07DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D40DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 13:35:25 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	3551m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.256	136	10911	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.125	164	6304	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.890	188	13019	0.400	ng/ul	-0.05
17) Chrysene-d12	21.113	240	9399	0.400	ng/ul	#-0.04
23) Perylene-d12	23.290	264	10523m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	1664	0.370	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.879	152	389	0.022	ng/ul	-0.05
18) Fluoranthene-d10	18.930	212	843	0.032	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.311	128	3835	0.137	ng/ul#	93
7) 2-Methylnaphthalene	11.956	142	1268	0.067	ng/ul	96
8) 1-Methylnaphthalene	12.159	142	967	0.047	ng/ul	100
10) Acenaphthylene	13.852	152	7105	0.275	ng/ul	99
11) Acenaphthene	14.189	153	5056	0.261	ng/ul	99
12) Fluorene	15.193	166	5134	0.227	ng/ul	98
15) Phenanthrene	16.928	178	124567	3.567	ng/ul	97
16) Anthracene	17.026	178	22521	0.717	ng/ul	98
19) Fluoranthene	18.963	202	256919	8.302	ng/ul	96
20) Pyrene	19.330	202	198080	5.969	ng/ul	96
21) Benzo(a)anthracene	21.099	228	96305	3.004	ng/ul	100
22) Chrysene	21.151	228	111975	2.993	ng/ul	99
24) Benzo(b)fluoranthene	22.641	252	162377m	5.282	ng/ul	
25) Benzo(k)fluoranthene	22.679	252	53136m	1.442	ng/ul	
26) Benzo(a)pyrene	23.197	252	72776	2.516	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.470	276	73078	1.661	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.460	278	19620	0.563	ng/ul	98
29) Benzo(g,h,i)perylene	26.147	276	12033	0.344	ng/ul#	90

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

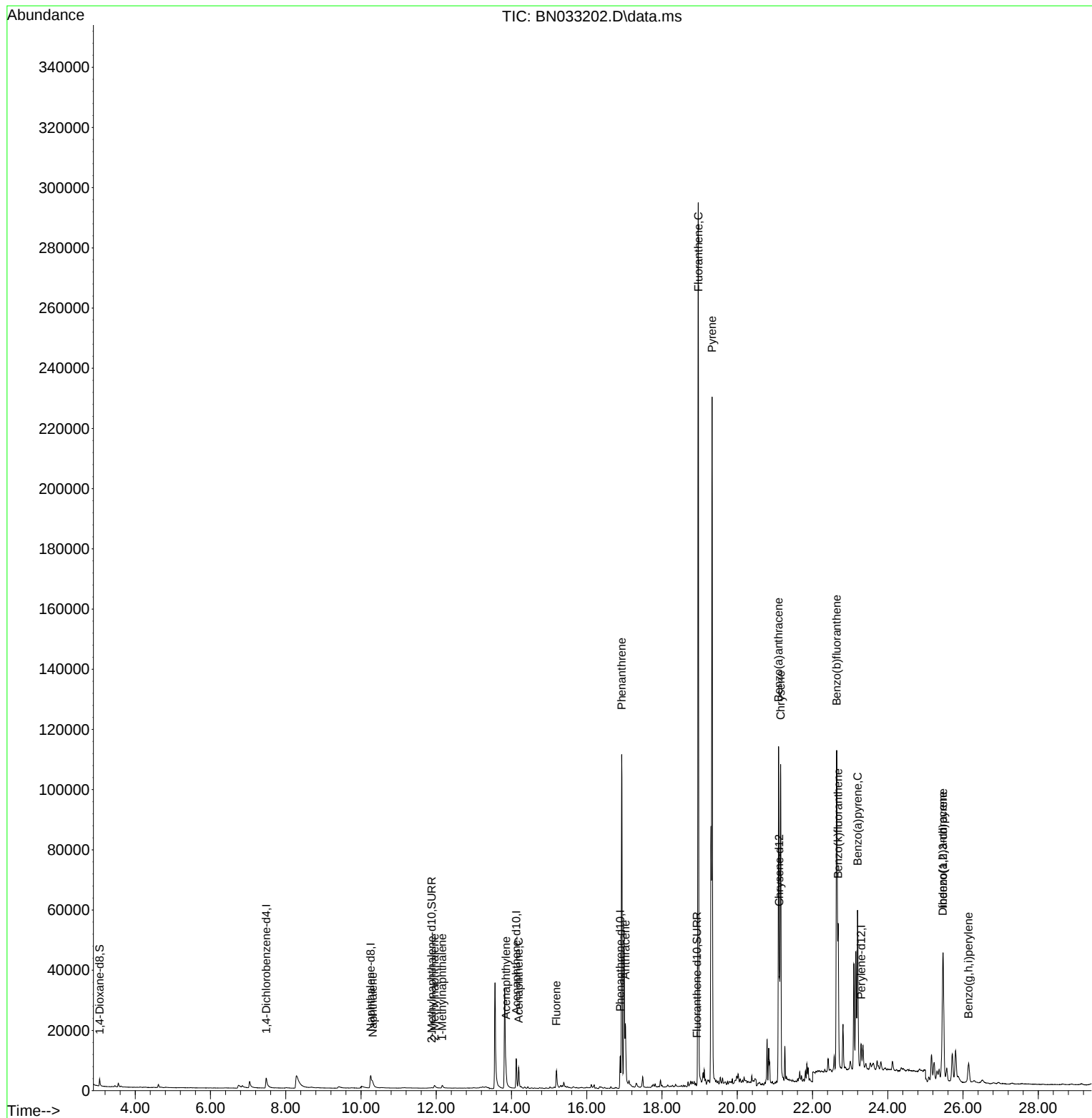
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033202.D
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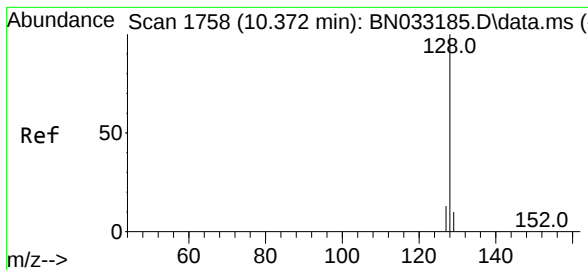
Instrument :
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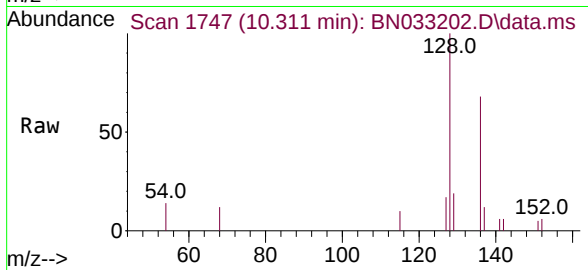
Quant Time: Aug 02 13:35:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.137 ng/ul
RT: 10.311 min Scan# 1747
Delta R.T. -0.066 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59

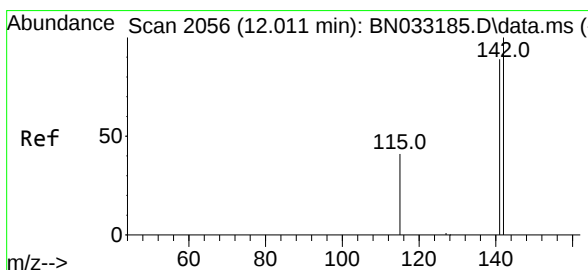
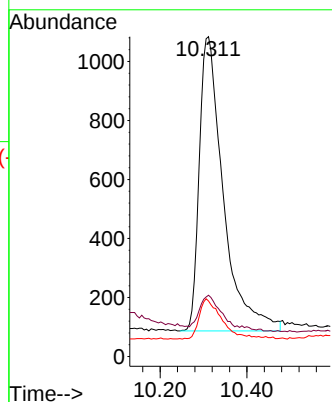
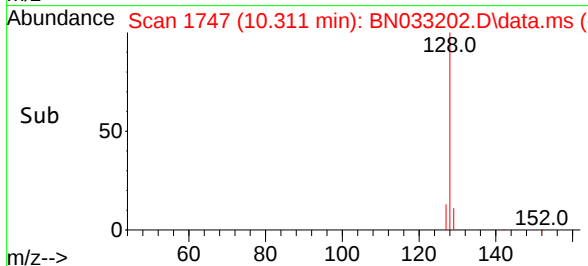
Instrument :
BNA_N
ClientSampleId :
A4D40DL



Tgt Ion:128 Resp: 383
Ion Ratio Lower Upper
128 100
129 19.2 12.0 18.0
127 17.3 12.7 19.1

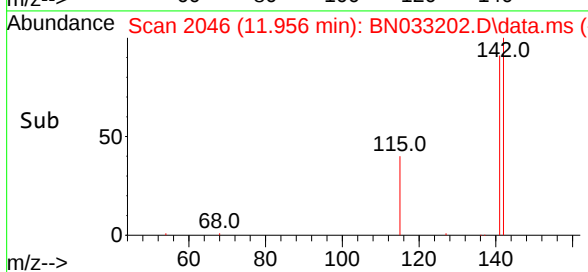
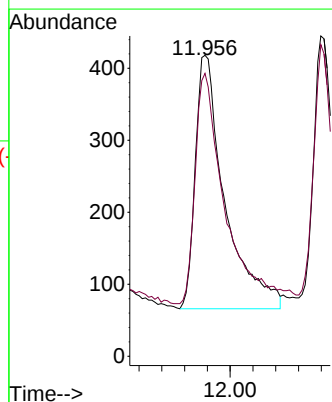
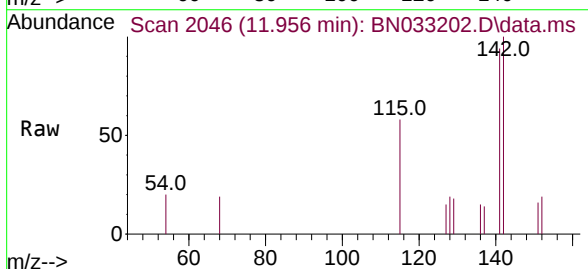
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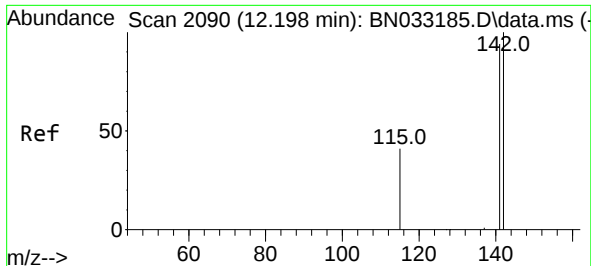
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 11.956 min Scan# 2046
Delta R.T. -0.049 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59

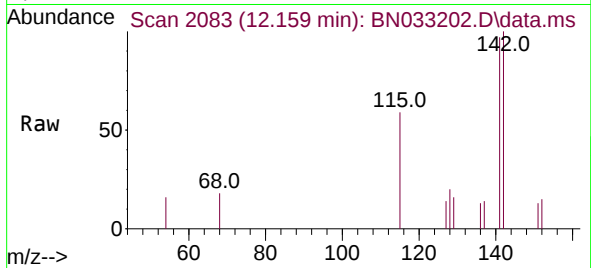
Tgt Ion:142 Resp: 1268
Ion Ratio Lower Upper
142 100
141 90.2 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.159 min Scan# 2083
Delta R.T. -0.038 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59

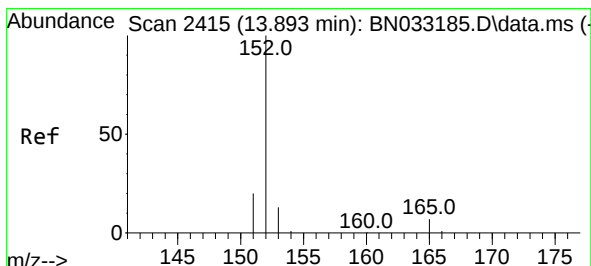
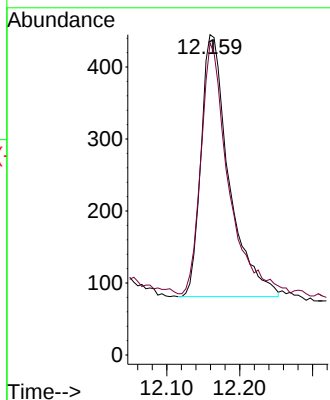
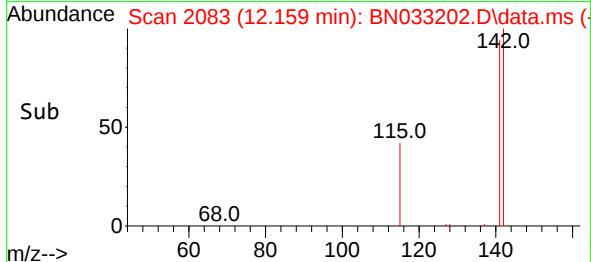
Instrument :
BNA_N
ClientSampleId :
A4D40DL



Tgt Ion:142 Resp: 96
Ion Ratio Lower Upper
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141 93.3 74.3 111.5

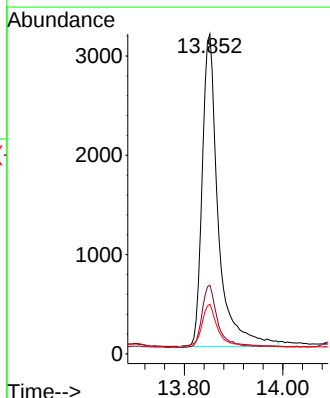
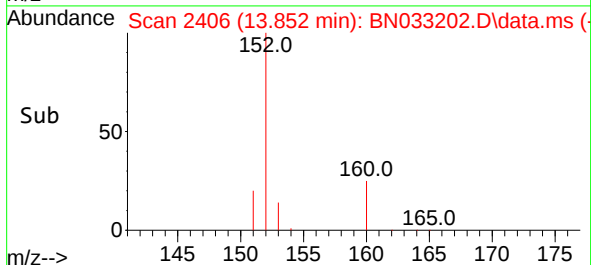
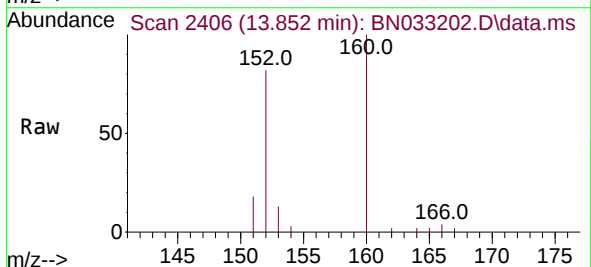
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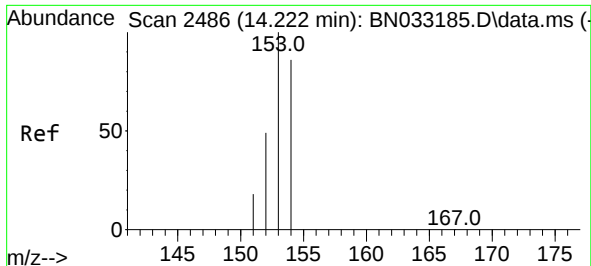
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 0.275 ng/ul
RT: 13.852 min Scan# 2406
Delta R.T. -0.046 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59

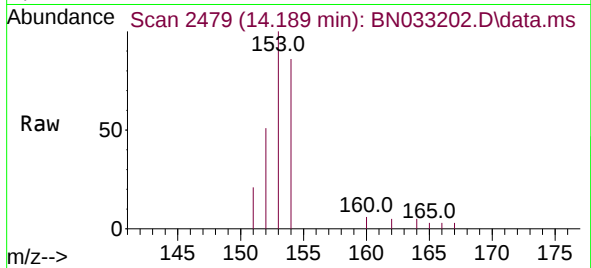
Tgt Ion:152 Resp: 7105
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2
153 15.5 11.9 17.9





#11
Acenaphthene
Concen: 0.261 ng/ul
RT: 14.189 min Scan# 2486
Delta R.T. -0.037 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59

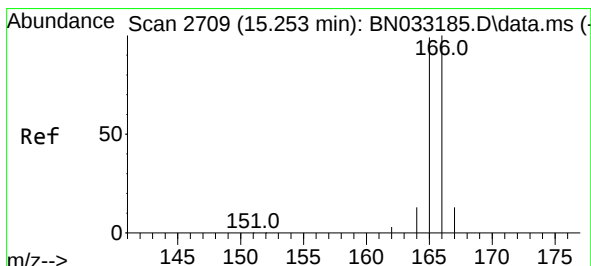
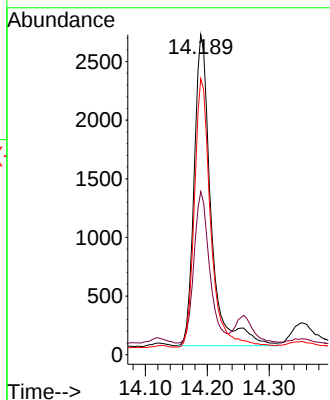
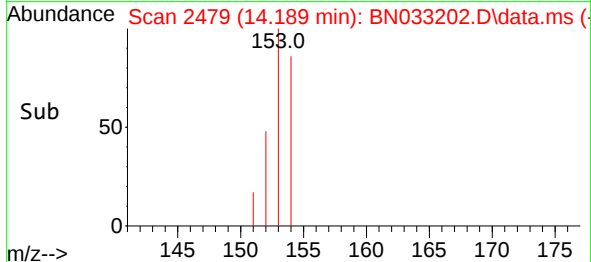
Instrument :
BNA_N
ClientSampleId :
A4D40DL



Tgt Ion:153 Resp: 5050
Ion Ratio Lower Upper
153 100
152 51.0 40.0 60.0
154 86.3 70.1 105.1

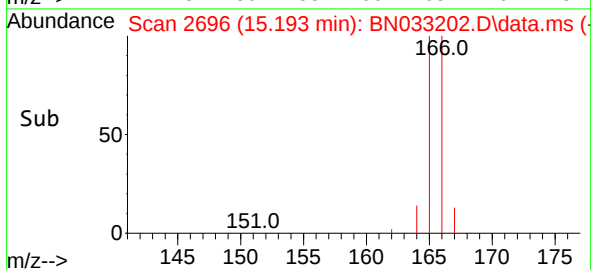
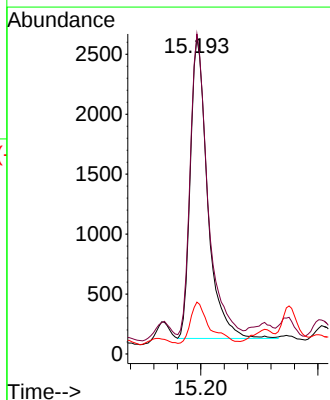
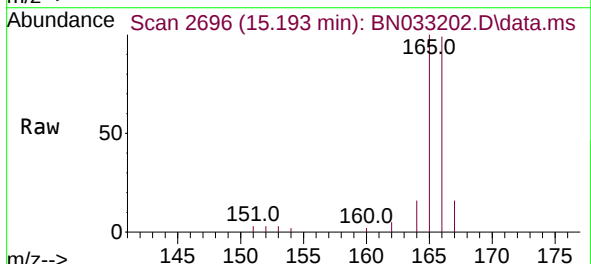
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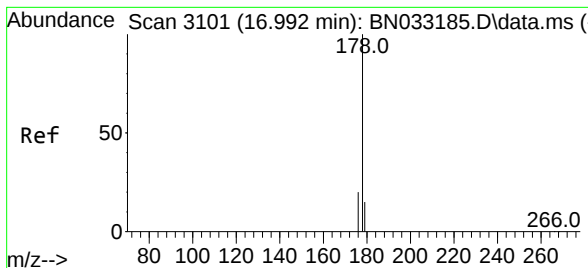
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 0.227 ng/ul
RT: 15.193 min Scan# 2696
Delta R.T. -0.055 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59

Tgt Ion:166 Resp: 5134
Ion Ratio Lower Upper
166 100
165 101.3 79.6 119.4
167 16.4 12.2 18.4





#15

Phenanthrene

Concen: 3.567 ng/ul

RT: 16.928 min Scan# 3101

Delta R.T. -0.055 min

Lab File: BN033202.D

Acq: 02 Aug 2024 12:59

Instrument :

BNA_N

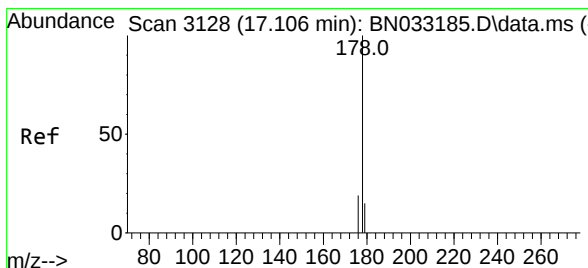
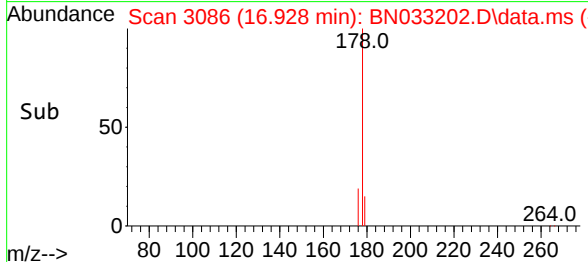
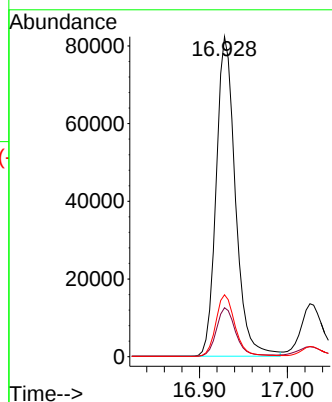
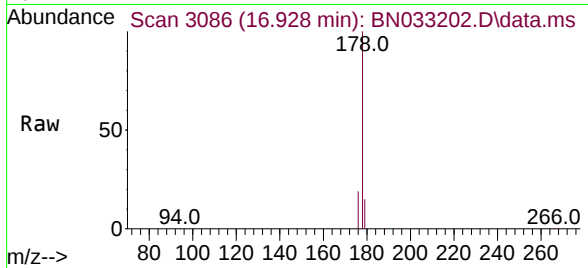
ClientSampleId :

A4D40DL

Tgt Ion:178	Resp:	12456
Ion Ratio	Lower	Upper
178	100	
179	15.3	13.7 20.5
176	19.4	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: 0.717 ng/ul

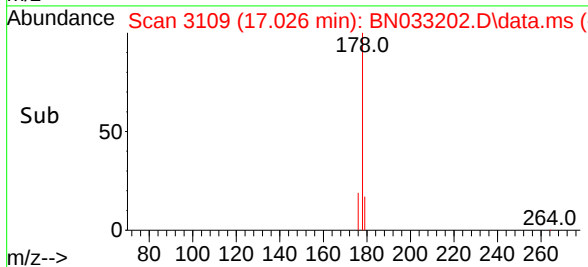
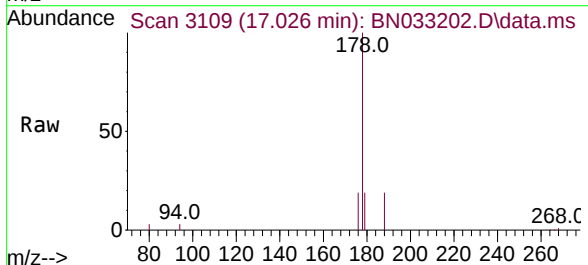
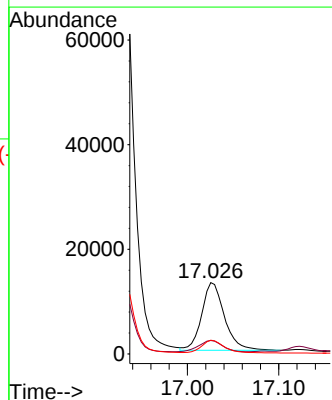
RT: 17.026 min Scan# 3109

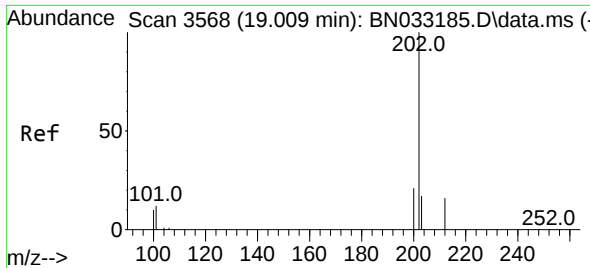
Delta R.T. -0.063 min

Lab File: BN033202.D

Acq: 02 Aug 2024 12:59

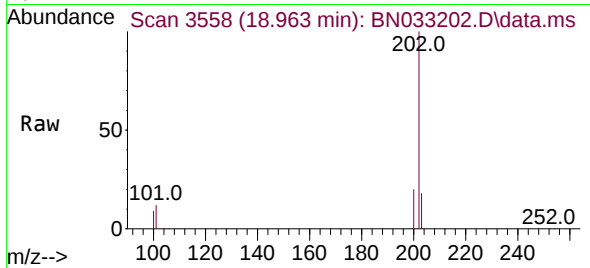
Tgt Ion:178	Resp:	22521
Ion Ratio	Lower	Upper
178	100	
179	18.7	14.3 21.5
176	19.2	15.8 23.8





#19
Fluoranthene
Concen: 8.302 ng/u1
RT: 18.963 min Scan# 3558
Delta R.T. -0.042 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59

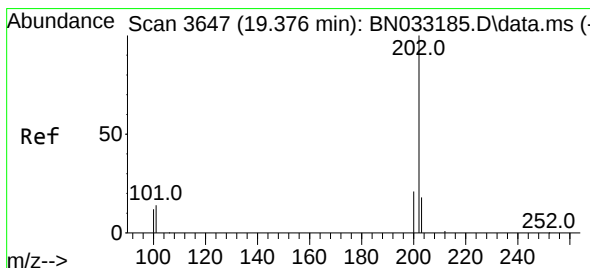
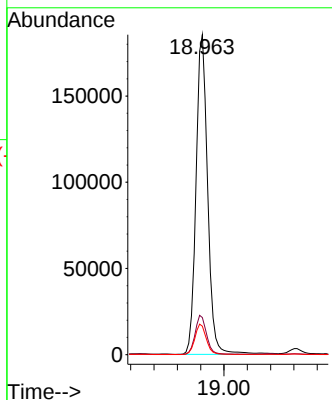
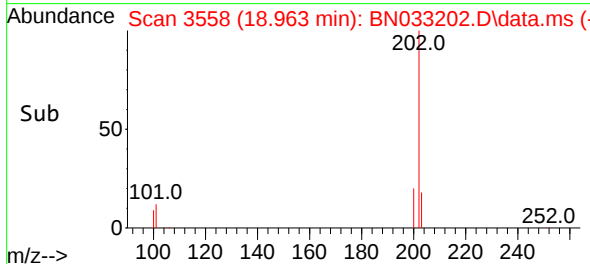
Instrument :
BNA_N
ClientSampleId :
A4D40DL



Tgt Ion:202 Resp: 256919
Ion Ratio Lower Upper
202 100
101 11.6 10.7 16.1
100 8.9 8.3 12.5

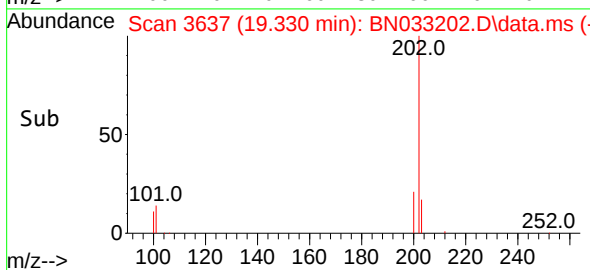
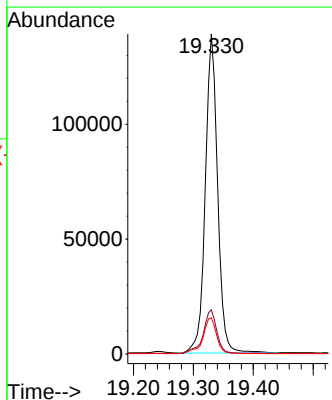
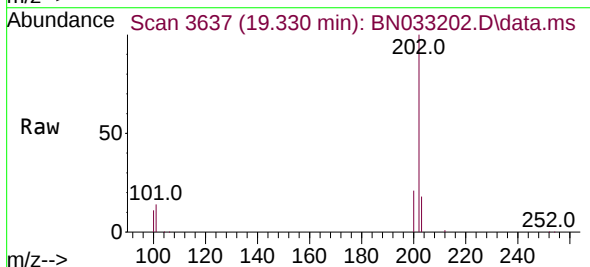
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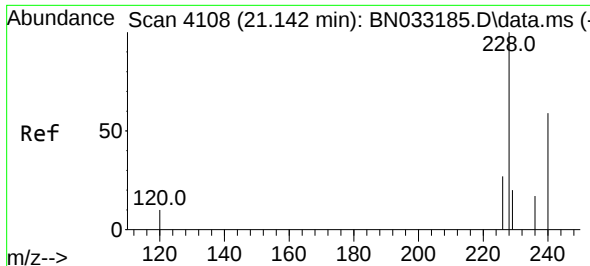
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 5.969 ng/u1
RT: 19.330 min Scan# 3637
Delta R.T. -0.042 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59

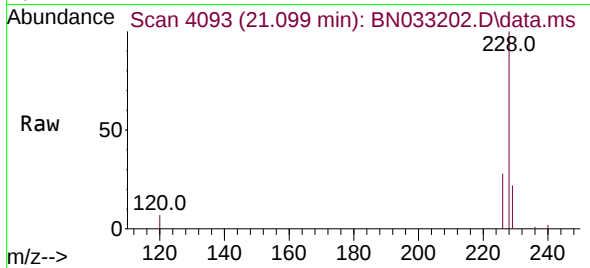
Tgt Ion:202 Resp: 198080
Ion Ratio Lower Upper
202 100
101 13.8 12.6 18.8
100 11.3 9.9 14.9





#21
Benzo(a)anthracene
Concen: 3.004 ng/u1
RT: 21.099 min Scan# 4109
Delta R.T. -0.038 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59

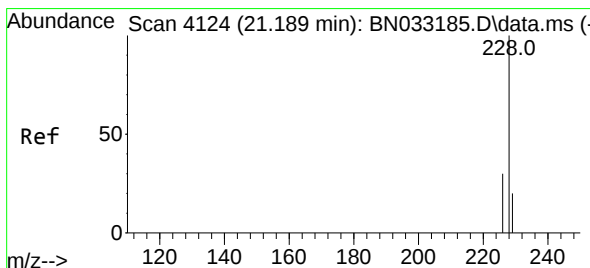
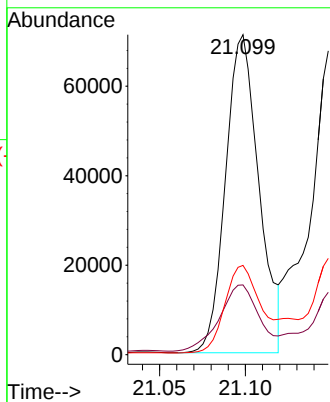
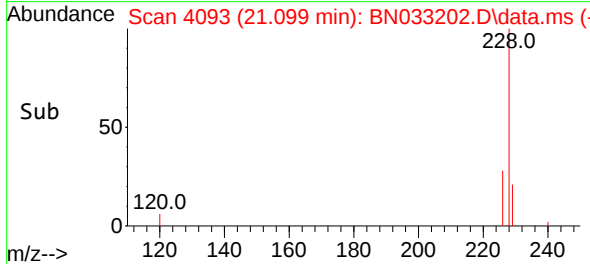
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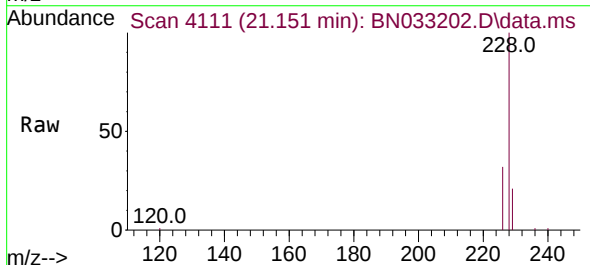
Tgt Ion:228 Resp: 96309
Ion Ratio Lower Upper
228 100
229 21.8 17.1 25.7
226 27.9 22.4 33.6

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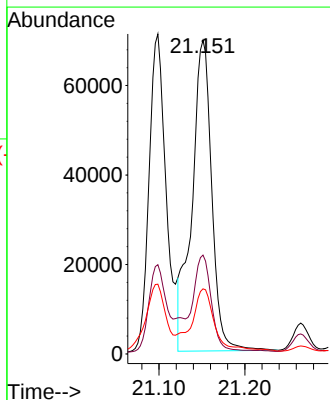
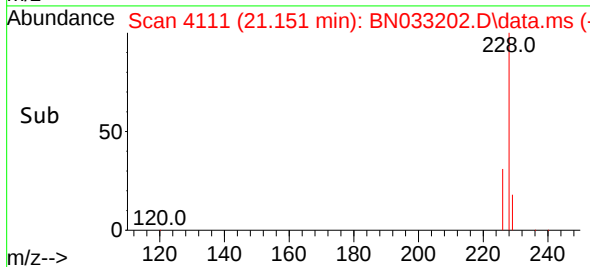
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024

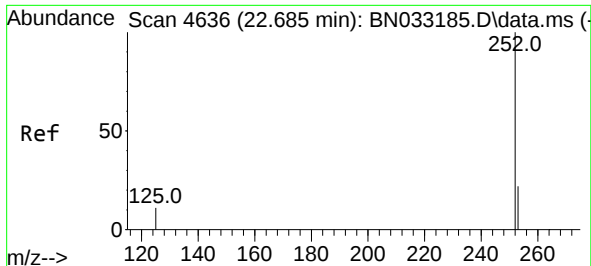


#22
Chrysene
Concen: 2.993 ng/u1
RT: 21.151 min Scan# 4111
Delta R.T. -0.038 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59



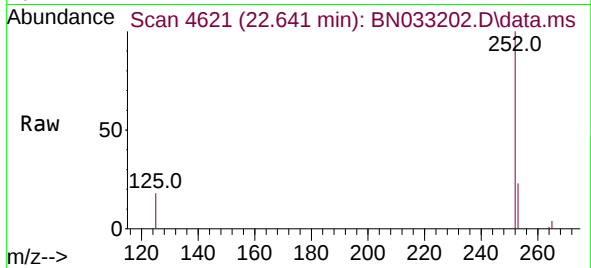
Tgt Ion:228 Resp: 111975
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 20.8 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 5.282 ng/ul m
RT: 22.641 min Scan# 4621
Delta R.T. -0.041 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59

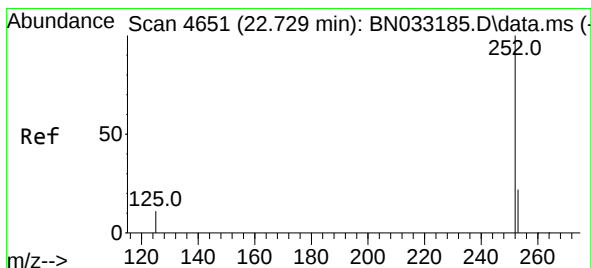
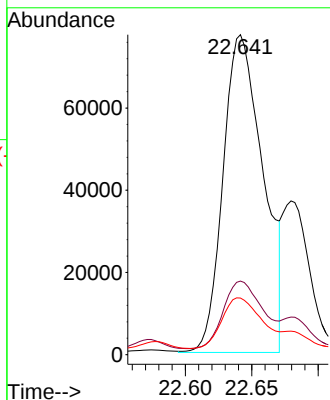
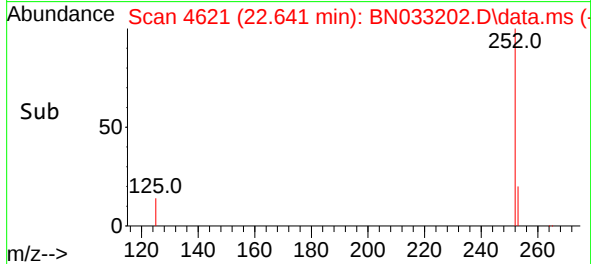
Instrument :
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A4D40DL



Tgt Ion:252 Resp: 162377
Ion Ratio Lower Upper
252 100
253 23.0 0.0 60.6
125 17.7 0.0 51.0

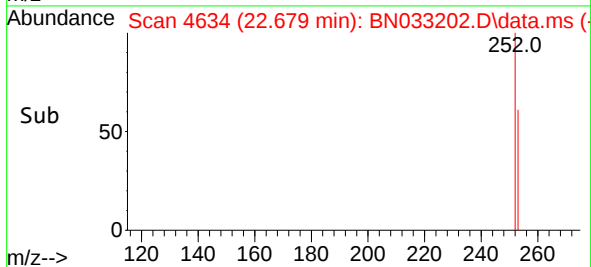
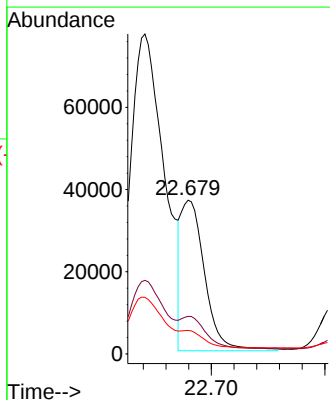
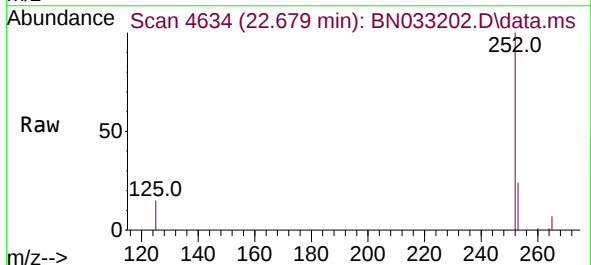
Manual Integrations
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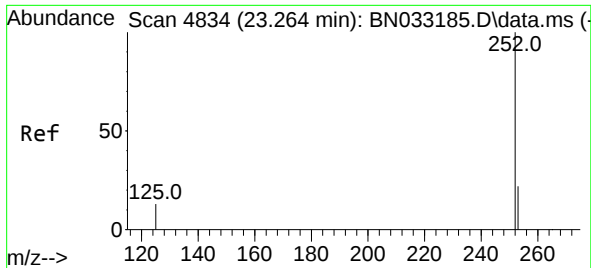
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#25
Benzo(k)fluoranthene
Concen: 1.442 ng/ul m
RT: 22.679 min Scan# 4634
Delta R.T. -0.047 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59

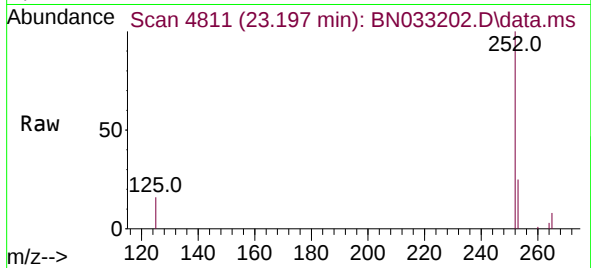
Tgt Ion:252 Resp: 53136
Ion Ratio Lower Upper
252 100
253 24.5 24.9 37.3#
125 15.3 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 2.516 ng/ul
RT: 23.197 min Scan# 4811
Delta R.T. -0.052 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59

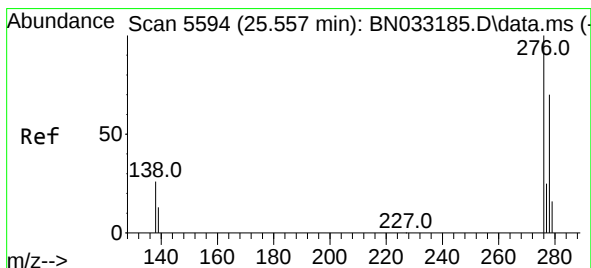
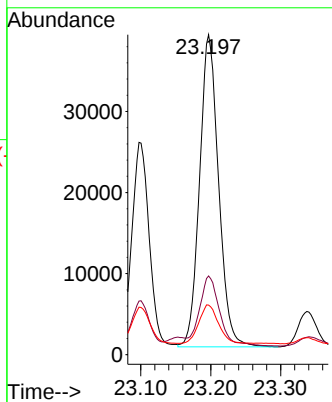
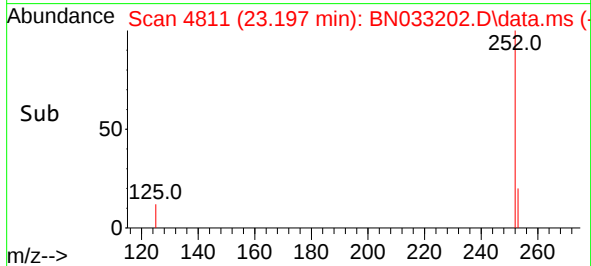
Instrument :
BNA_N
ClientSampleId :
A4D40DL



Tgt Ion:252 Resp: 72770
Ion Ratio Lower Upper
252 100
253 24.6 27.5 41.3
125 15.5 27.0 40.6

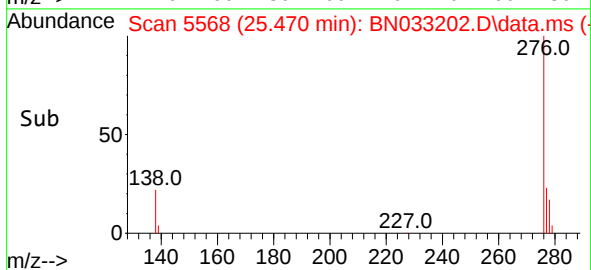
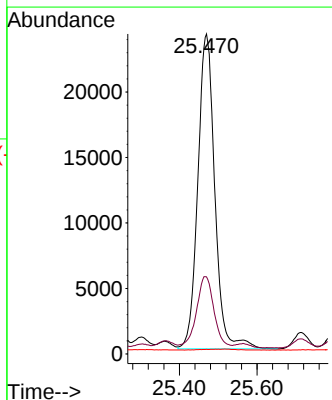
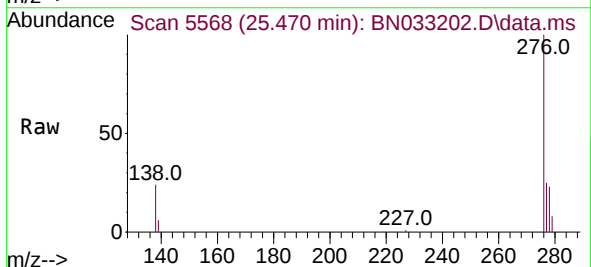
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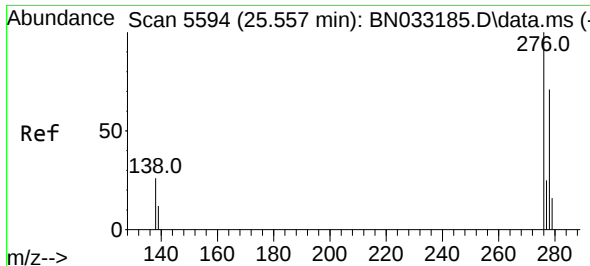
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.661 ng/ul
RT: 25.470 min Scan# 5568
Delta R.T. -0.070 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59

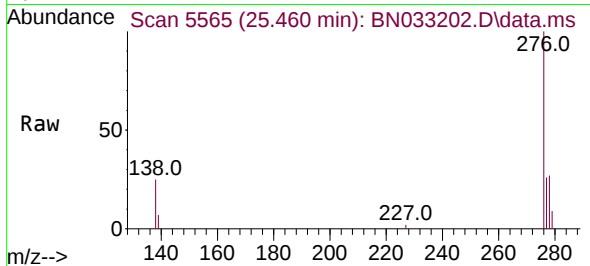
Tgt Ion:276 Resp: 73078
Ion Ratio Lower Upper
276 100
138 22.6 21.8 32.8
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.563 ng/ul
RT: 25.460 min Scan# 51
Delta R.T. -0.080 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59

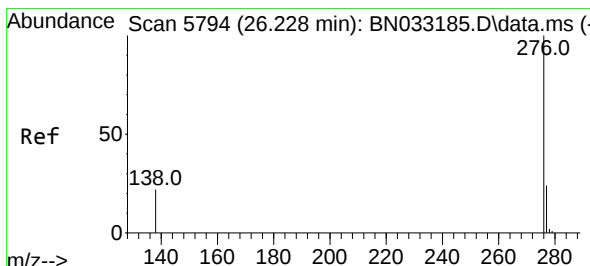
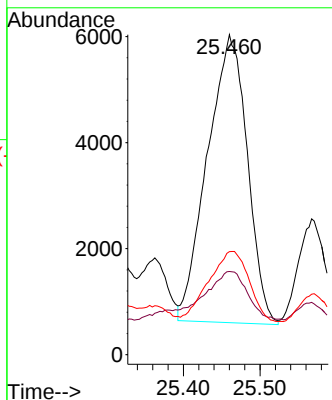
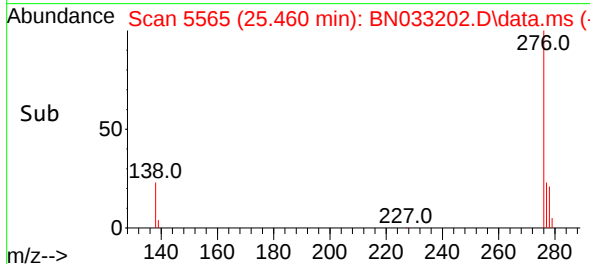
Instrument :
BNA_N
ClientSampleId :
A4D40DL



Tgt Ion:278 Resp: 19620
Ion Ratio Lower Upper
278 100
139 26.0 22.5 33.7
279 32.2 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: 0.344 ng/ul
RT: 26.147 min Scan# 5770
Delta R.T. -0.070 min
Lab File: BN033202.D
Acq: 02 Aug 2024 12:59

Tgt Ion:276 Resp: 12033
Ion Ratio Lower Upper
276 100
138 34.8 24.6 37.0
277 35.5 22.6 34.0#

