

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032484.D
 Acq On : 04 Jul 2024 21:10
 Operator : MA/JU
 Sample : P3065-08
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 23:08:22 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	6822	0.400	ng/ul	0.00
4) Naphthalene-d8	10.369	136	19522	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.242	164	10525	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.002	188	20894m	0.400	ng/ul	0.00
17) Chrysene-d12	21.207	240	17821m	0.400	ng/ul	0.00
23) Perylene-d12	23.422	264	21016m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	25049	3.303	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	5843	0.200	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	11077m	0.207	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.419	128	5338	0.103	ng/ul#	93
7) 2-Methylnaphthalene	12.047	142	2655	0.078	ng/ul	100
8) 1-Methylnaphthalene	12.267	142	1715	0.048	ng/ul	96
10) Acenaphthylene	13.965	152	16612	0.379	ng/ul	98
11) Acenaphthene	14.307	153	5290	0.156	ng/ul	98
12) Fluorene	15.302	166	7642	0.189	ng/ul#	98
15) Phenanthrene	17.040	178	135008m	2.357	ng/ul	
16) Anthracene	17.133	178	30217m	0.591	ng/ul	
19) Fluoranthene	19.067	202	297503m	4.384	ng/ul	
20) Pyrene	19.434	202	200730m	2.830	ng/ul	
21) Benzo(a)anthracene	21.190	228	150134m	2.334	ng/ul	
22) Chrysene	21.242	228	167690m	2.375	ng/ul	
24) Benzo(b)fluoranthene	22.759	252	235278m	2.577	ng/ul	
25) Benzo(k)fluoranthene	22.794	252	85264m	0.961	ng/ul	
26) Benzo(a)pyrene	23.323	252	79644m	1.254	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.658	276	83149m	0.836	ng/ul	
28) Dibenzo(a,h)anthracene	25.658	278	31291m	0.423	ng/ul	
29) Benzo(g,h,i)perylene	26.352	276	13141m	0.166	ng/ul	

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

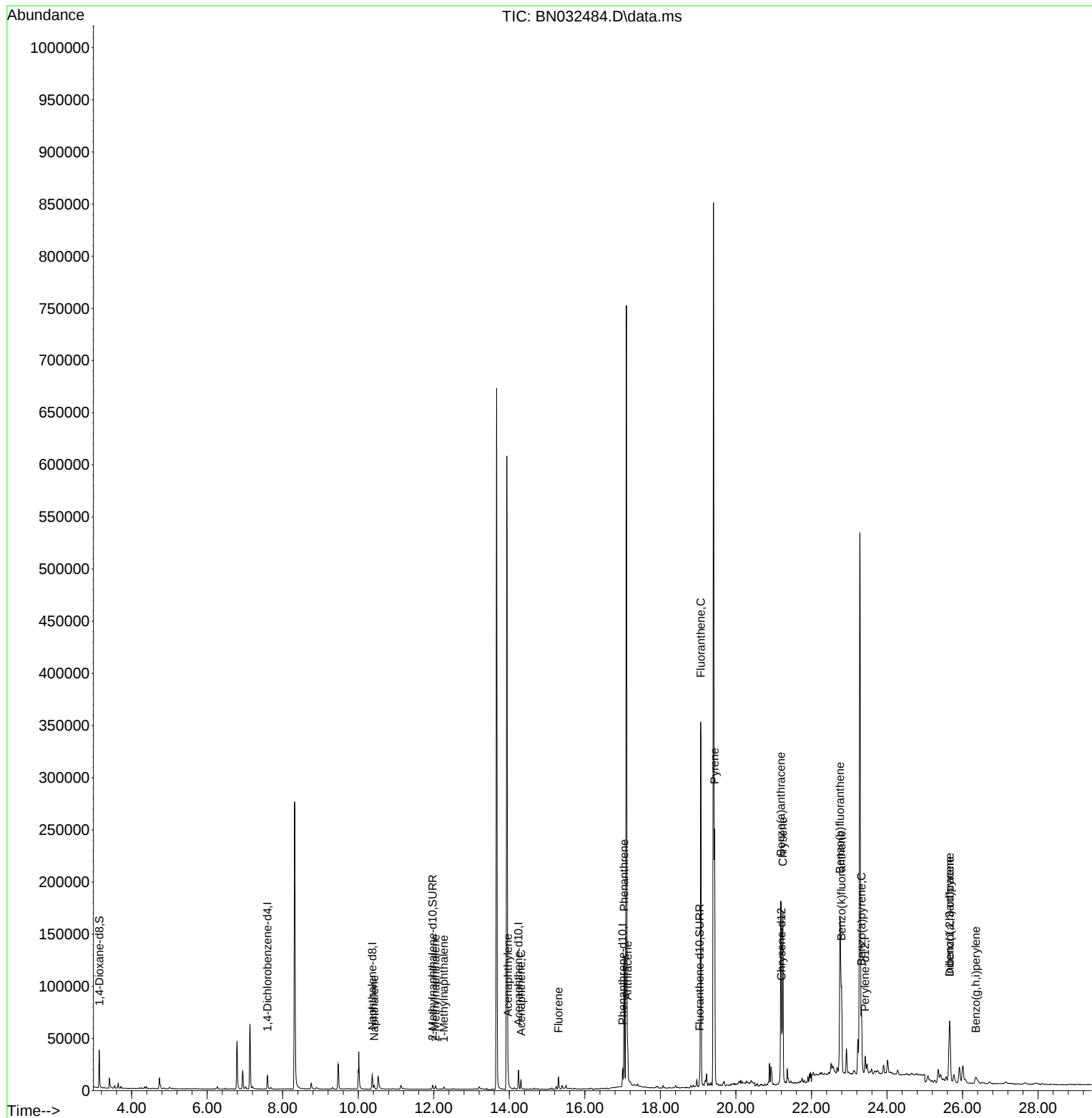
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032484.D
Acq On : 04 Jul 2024 21:10
Operator : MA/JU
Sample : P3065-08
Misc :
ALS Vial : 57 Sample Multiplier: 1

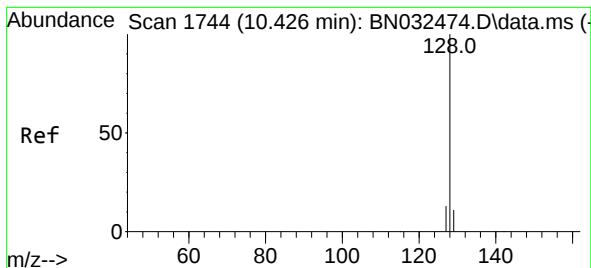
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A4CD4

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Supervised By :mohammad ahmed 07/05/2024

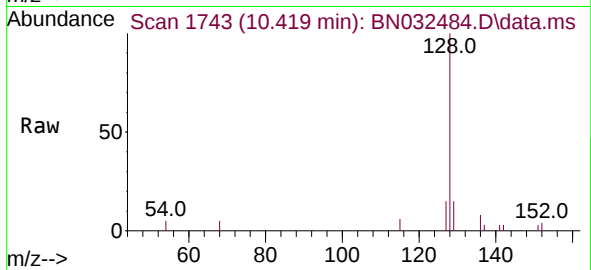
Quant Time: Jul 04 23:08:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.419 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

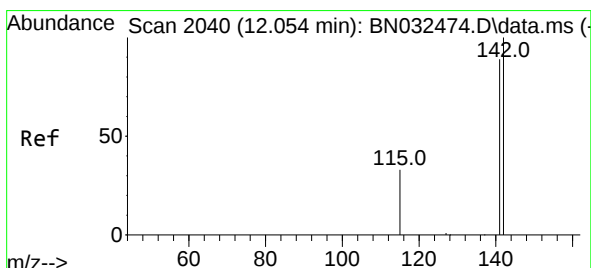
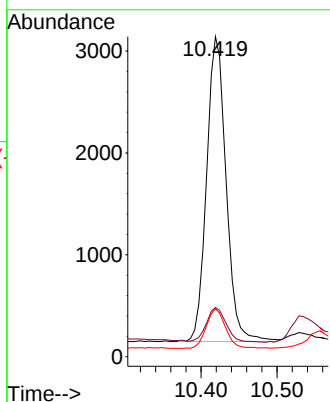
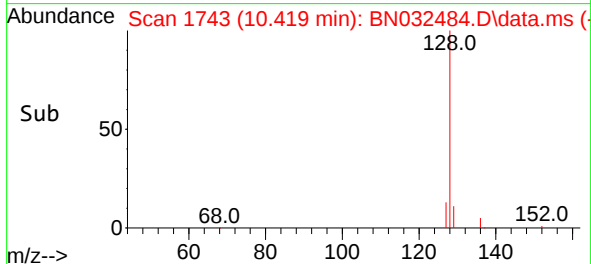
Instrument :
BNA_N
ClientSampleId :
A4CD4



Tgt Ion:128 Resp: 5338
Ion Ratio Lower Upper
128 100
129 15.3 9.2 13.8
127 15.0 10.8 16.2

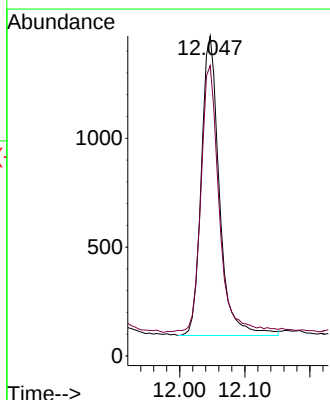
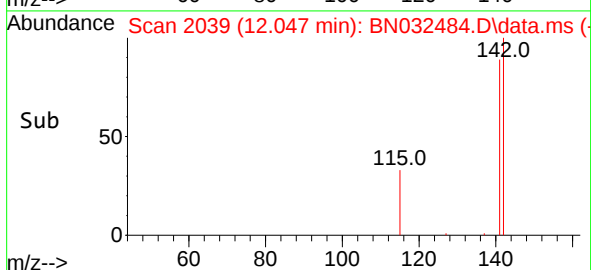
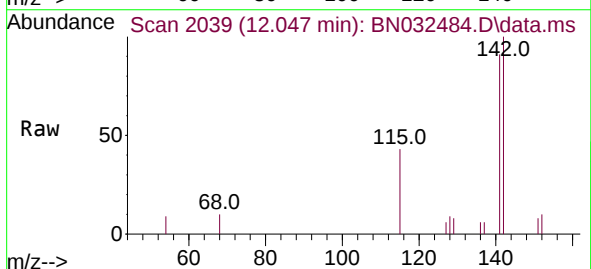
Manual Integrations
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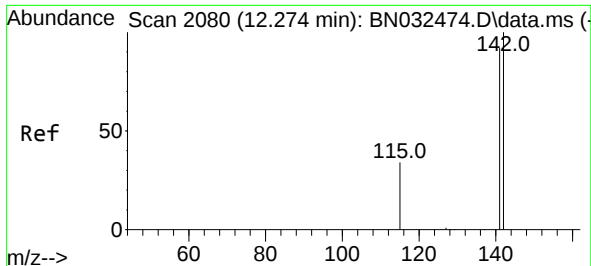
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.047 min Scan# 2039
Delta R.T. -0.007 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

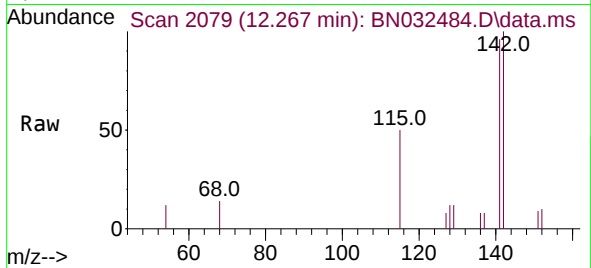
Tgt Ion:142 Resp: 2655
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.267 min Scan# 2080
Delta R.T. -0.007 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

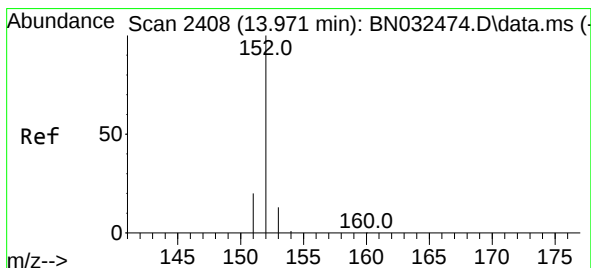
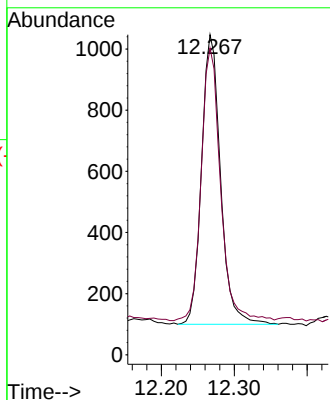
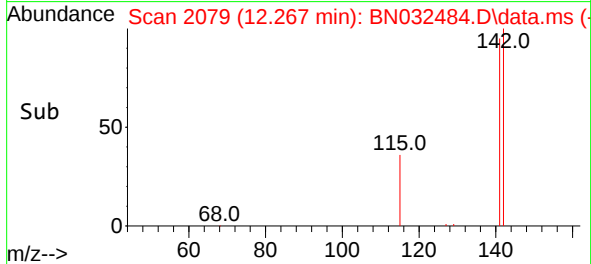
Instrument :
BNA_N
ClientSampleId :
A4CD4



Tgt Ion:142 Resp: 1715
Ion Ratio Lower Upper
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141 95.0 73.4 110.0

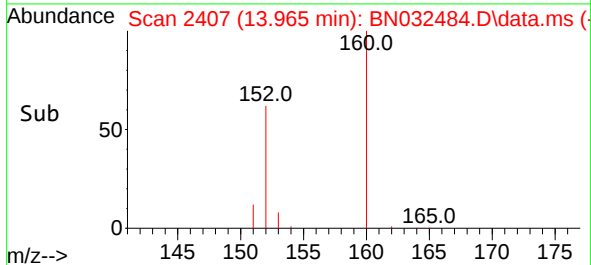
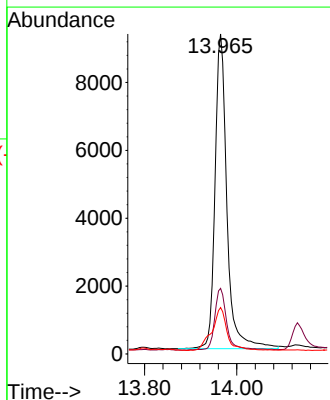
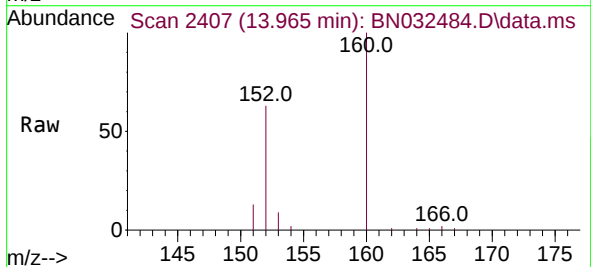
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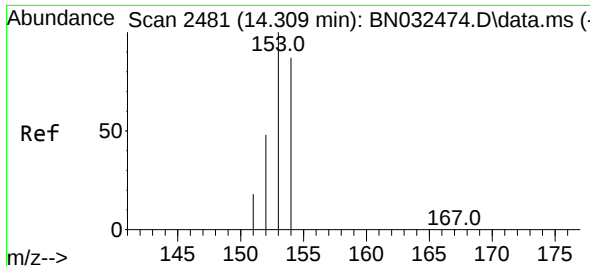
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 13.965 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

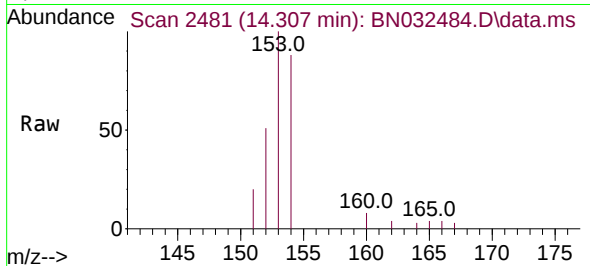
Tgt Ion:152 Resp: 16612
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 14.5 10.9 16.3





#11
Acenaphthene
Concen: 0.156 ng/ul
RT: 14.307 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

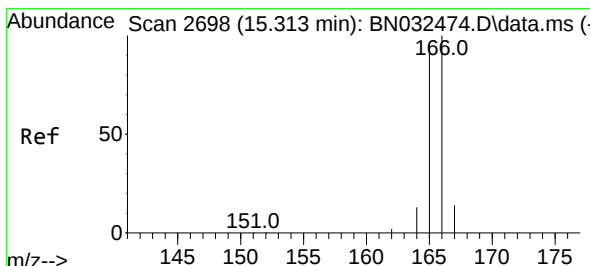
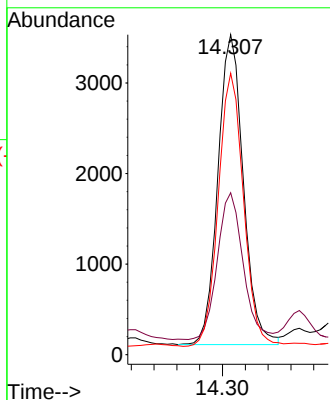
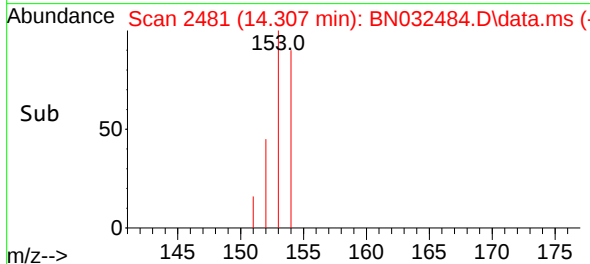
Instrument :
BNA_N
ClientSampleId :
A4CD4



Tgt Ion:153 Resp: 5290
Ion Ratio Lower Upper
153 100
152 50.6 39.5 59.3
154 87.9 71.7 107.5

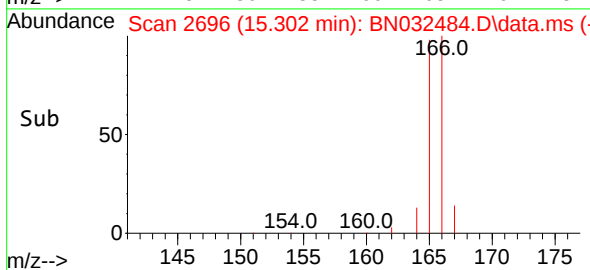
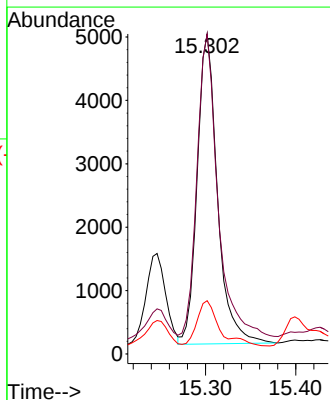
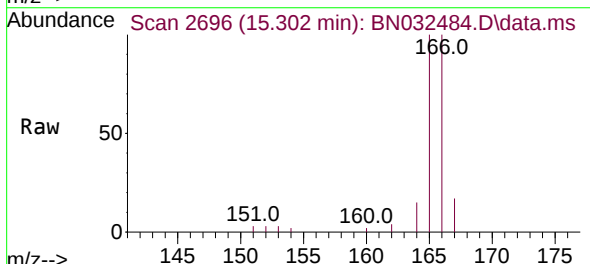
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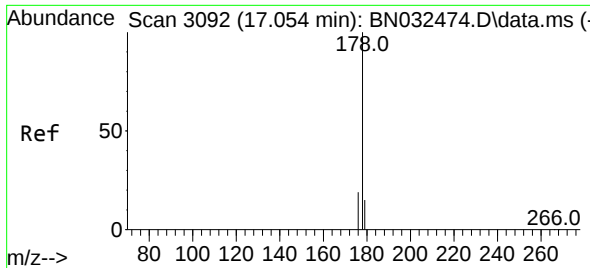
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.189 ng/ul
RT: 15.302 min Scan# 2696
Delta R.T. -0.011 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

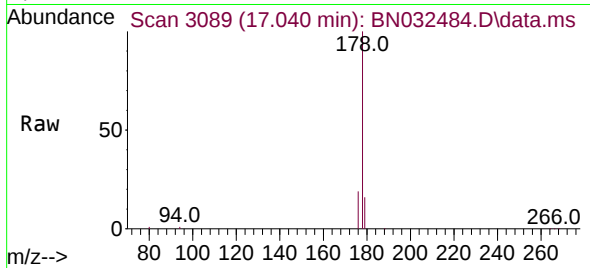
Tgt Ion:166 Resp: 7642
Ion Ratio Lower Upper
166 100
165 100.0 79.0 118.6
167 16.7 11.0 16.6#





#15
Phenanthrene
Concen: 2.357 ng/ul m
RT: 17.040 min Scan# 3092
Delta R.T. -0.010 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

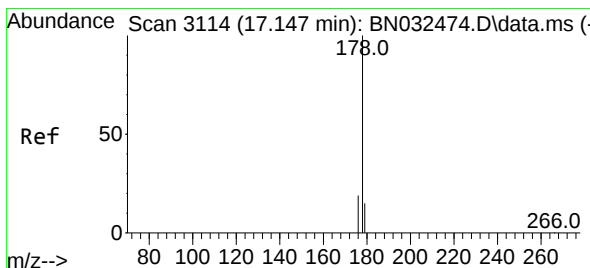
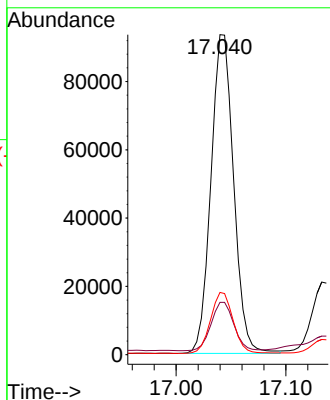
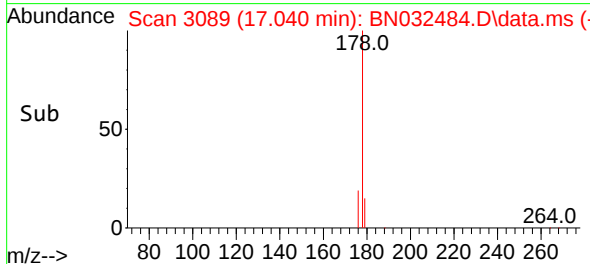
Instrument :
BNA_N
ClientSampleId :
A4CD4



Tgt Ion:178 Resp: 135008
Ion Ratio Lower Upper
178 100
179 16.4 12.6 18.8
176 19.5 15.6 23.4

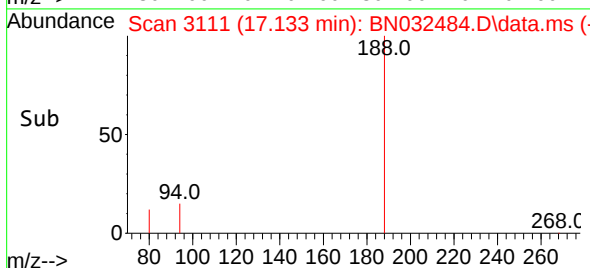
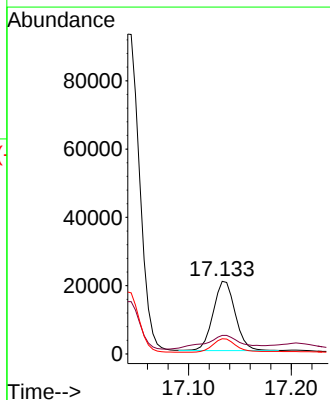
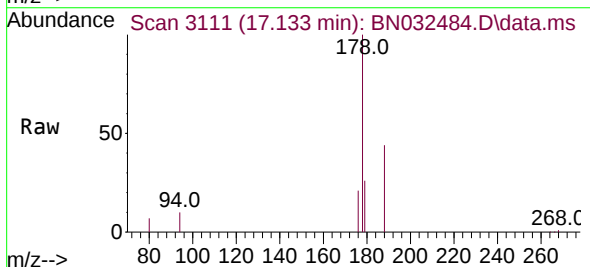
Manual Integrations
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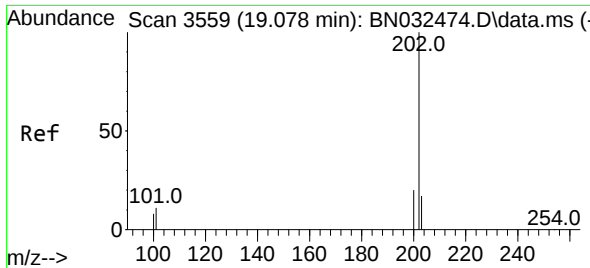
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 0.591 ng/ul m
RT: 17.133 min Scan# 3111
Delta R.T. -0.010 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

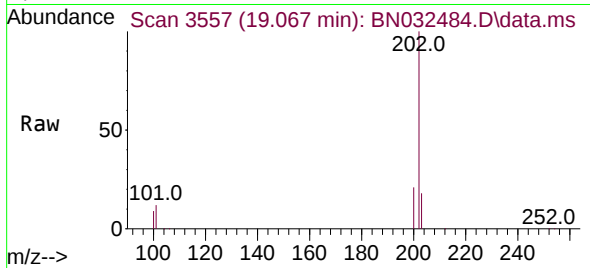
Tgt Ion:178 Resp: 30217
Ion Ratio Lower Upper
178 100
179 25.6 12.5 18.7#
176 20.9 15.0 22.6





#19
Fluoranthene
Concen: 4.384 ng/ul m
RT: 19.067 min Scan# 3559
Delta R.T. -0.006 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

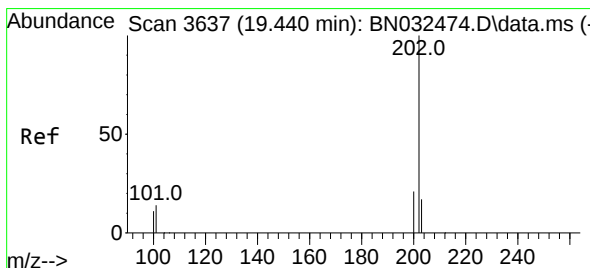
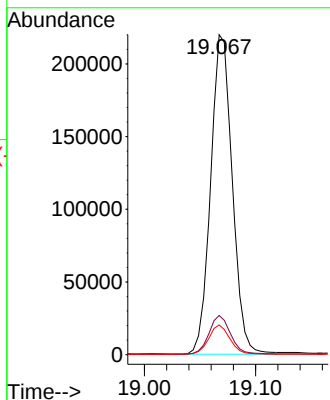
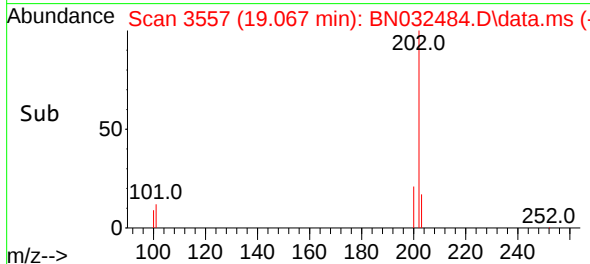
Instrument :
BNA_N
ClientSampleId :
A4CD4



Tgt Ion:202 Resp: 29750
Ion Ratio Lower Upper
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101 12.3 8.8 13.2
100 9.3 6.4 9.6

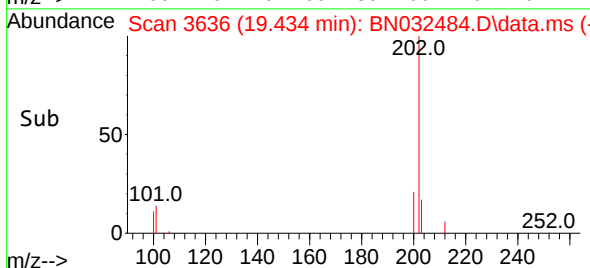
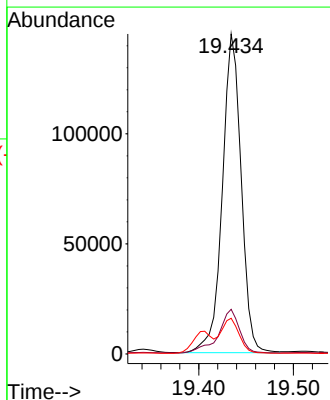
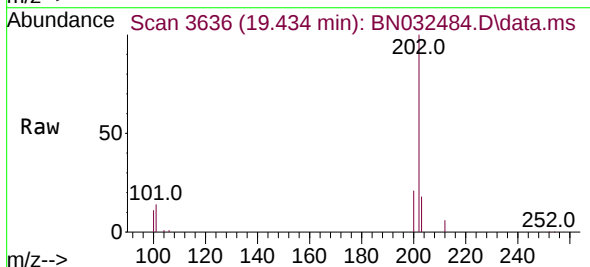
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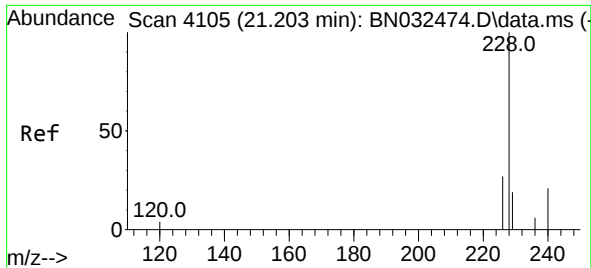
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 2.830 ng/ul m
RT: 19.434 min Scan# 3636
Delta R.T. -0.006 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

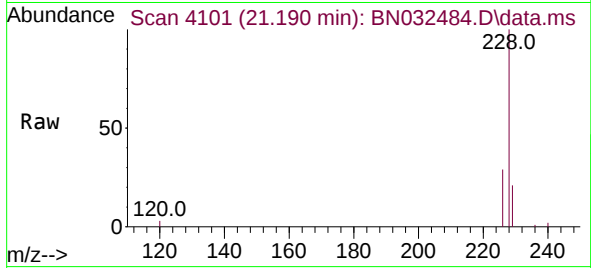
Tgt Ion:202 Resp: 200730
Ion Ratio Lower Upper
202 100
101 13.9 11.0 16.4
100 11.1 8.7 13.1





#21
Benzo(a)anthracene
Concen: 2.334 ng/ul m
RT: 21.190 min Scan# 4110
Delta R.T. -0.001 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

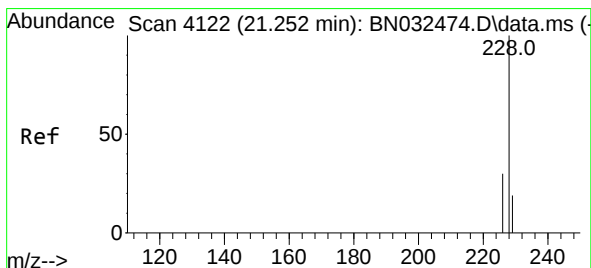
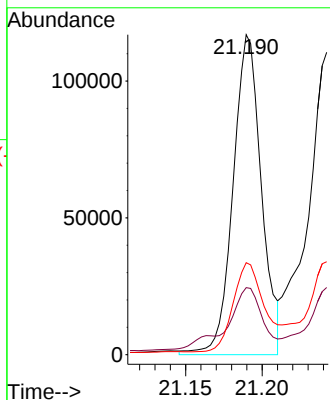
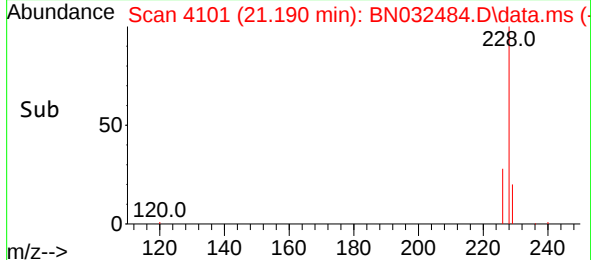
Instrument :
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ClientSampleId :
A4CD4



Tgt Ion:228 Resp: 150134
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 28.7 21.8 32.8

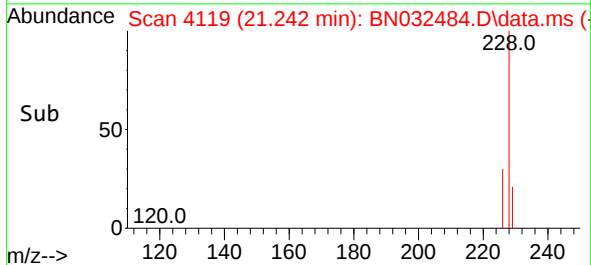
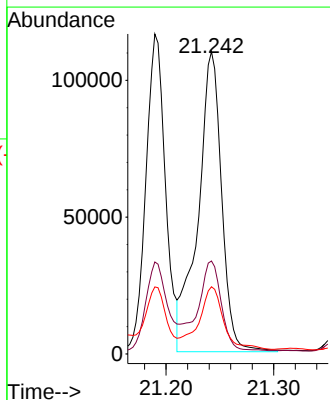
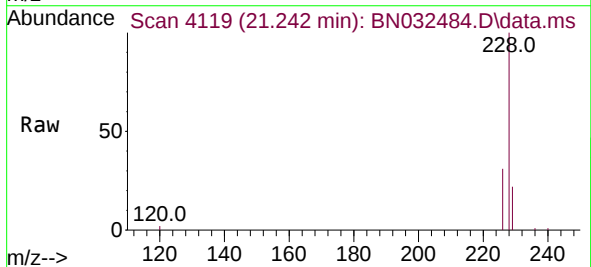
Manual Integrations
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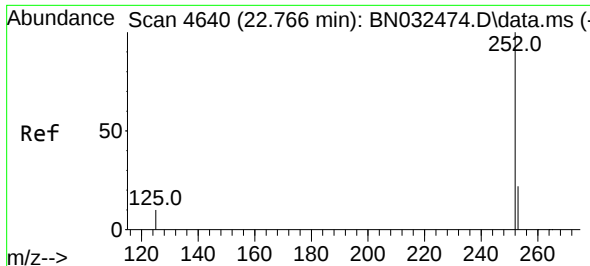
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 2.375 ng/ul m
RT: 21.242 min Scan# 4119
Delta R.T. -0.001 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

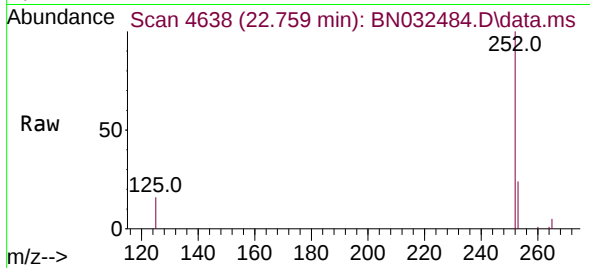
Tgt Ion:228 Resp: 167690
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 22.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.577 ng/ul m
RT: 22.759 min Scan# 4638
Delta R.T. 0.002 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

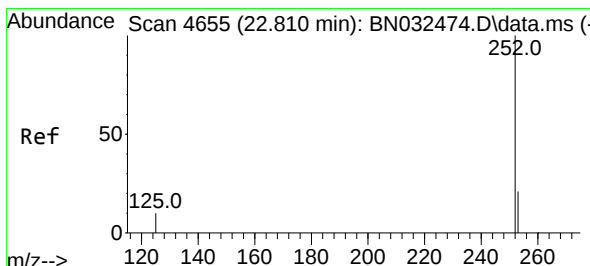
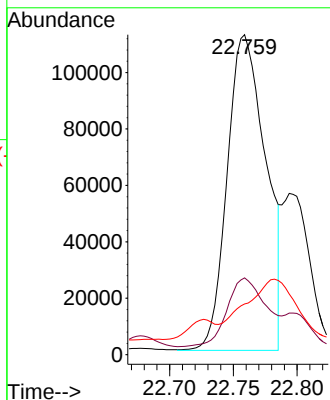
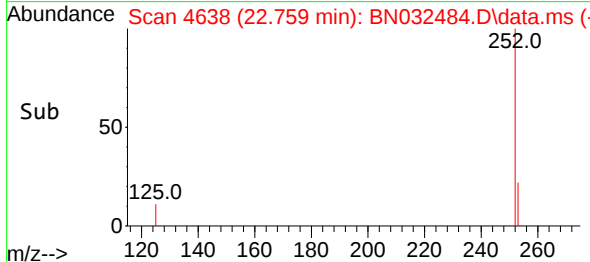
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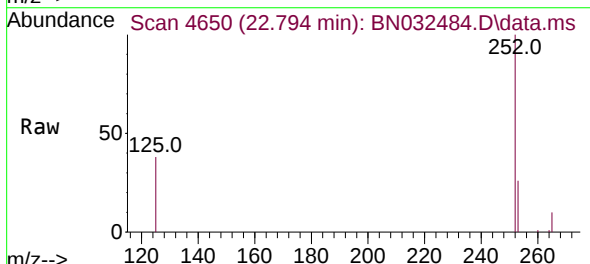
Tgt Ion:252 Resp: 235278
Ion Ratio Lower Upper
252 100
253 24.0 0.0 50.2
125 15.8 0.0 32.0

Manual Integrations
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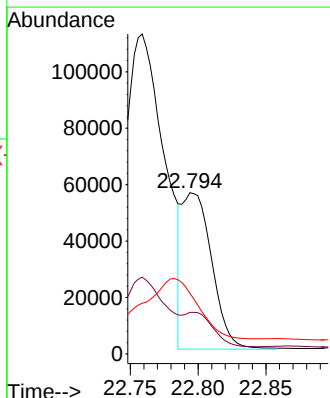
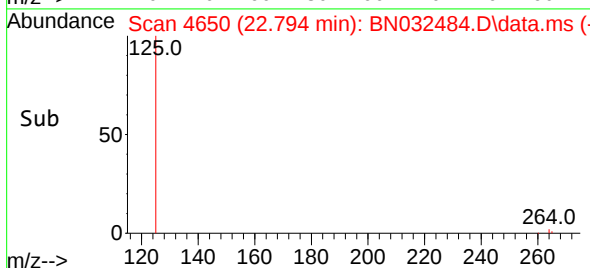
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

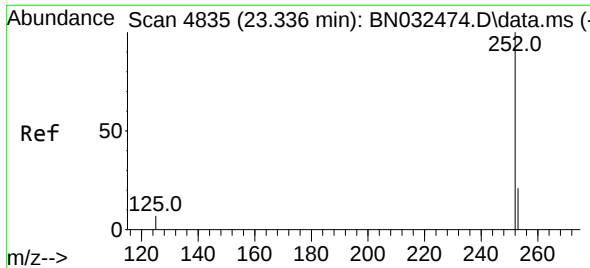


#25
Benzo(k)fluoranthene
Concen: 0.961 ng/ul m
RT: 22.794 min Scan# 4650
Delta R.T. -0.007 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10



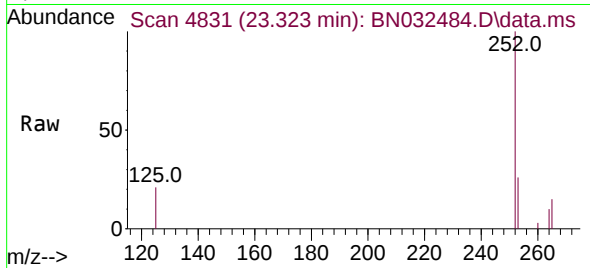
Tgt Ion:252 Resp: 85264
Ion Ratio Lower Upper
252 100
253 25.9 20.3 30.5
125 37.6 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 1.254 ng/ul m
RT: 23.323 min Scan# 4835
Delta R.T. -0.004 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

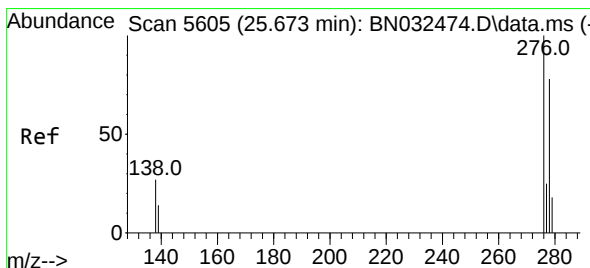
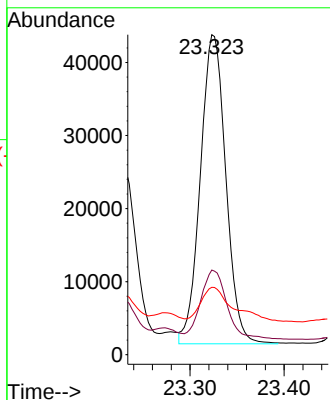
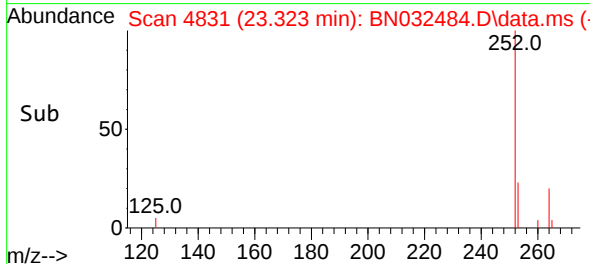
Instrument :
BNA_N
ClientSampleId :
A4CD4



Tgt Ion:252 Resp: 79644
Ion Ratio Lower Upper
252 100
253 26.4 22.2 33.2
125 21.1 16.4 24.6

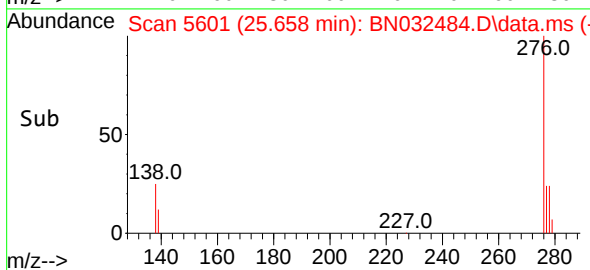
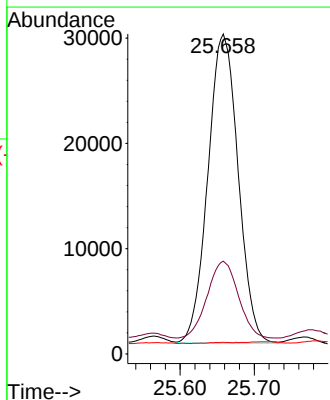
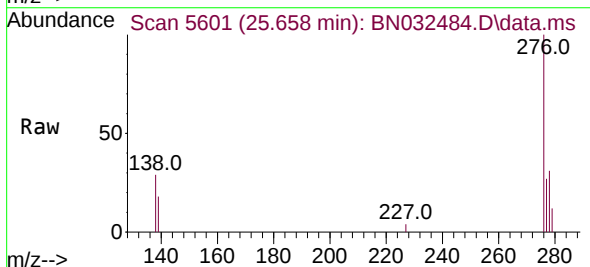
Manual Integrations
APPROVED

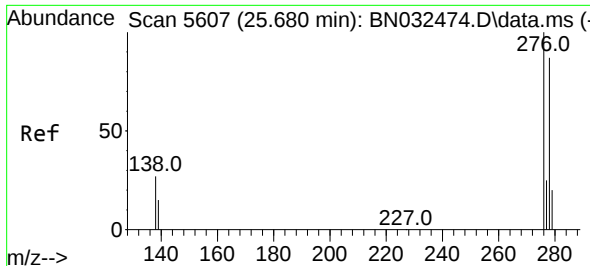
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.836 ng/ul m
RT: 25.658 min Scan# 5601
Delta R.T. -0.001 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

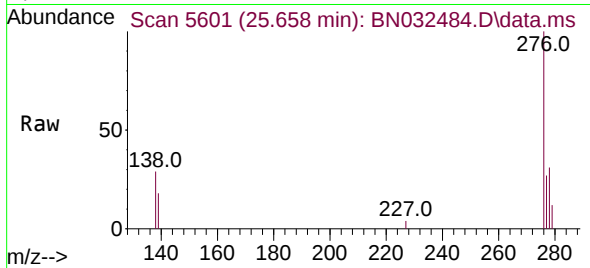
Tgt Ion:276 Resp: 83149
Ion Ratio Lower Upper
276 100
138 4.0 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.423 ng/ul m
RT: 25.658 min Scan# 5601
Delta R.T. -0.008 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

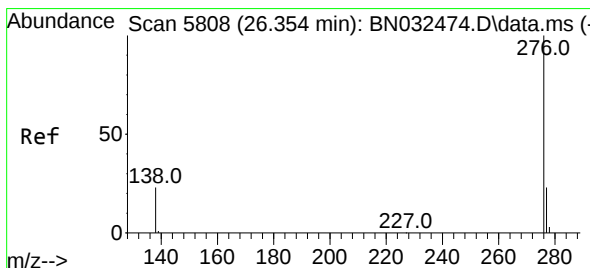
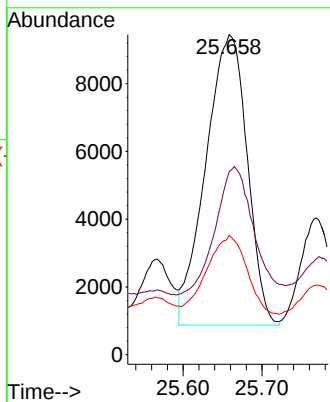
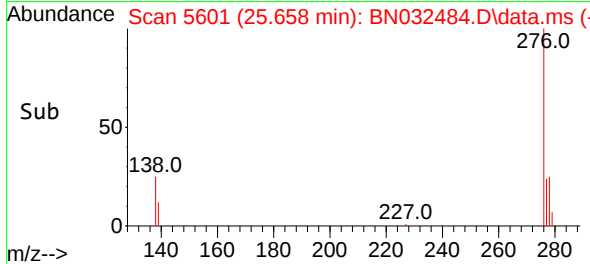
Instrument :
BNA_N
ClientSampleId :
A4CD4



Tgt Ion:278 Resp: 3129
Ion Ratio Lower Upper
278 100
139 57.0 15.9 23.9#
279 37.3 21.1 31.7#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.166 ng/ul m
RT: 26.352 min Scan# 5808
Delta R.T. 0.009 min
Lab File: BN032484.D
Acq: 04 Jul 2024 21:10

Tgt Ion:276 Resp: 13141
Ion Ratio Lower Upper
276 100
138 47.6 19.8 29.6#
277 41.5 19.8 29.6#

