

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032347.D
 Acq On : 29 Jun 2024 12:17
 Operator : MA/JU
 Sample : P2934-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:04:45 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	9339	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	29885	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	18210	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	33633m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.217	240	20064m	0.400	ng/ul	0.00
23) Perylene-d12	23.435	264	22601m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	31349	3.020	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.987	152	9746	0.217	ng/ul	-0.01
18) Fluoranthene-d10	19.050	212	15186m	0.252	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	19017	0.240	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	6697	0.128	ng/ul	100
8) 1-Methylnaphthalene	12.279	142	3924	0.072	ng/ul	98
10) Acenaphthylene	13.980	152	32182	0.425	ng/ul	99
11) Acenaphthene	14.318	153	5281	0.090	ng/ul	96
12) Fluorene	15.317	166	9149	0.131	ng/ul#	95
15) Phenanthrene	17.054	178	149494m	1.621	ng/ul	
16) Anthracene	17.147	178	39973m	0.486	ng/ul	
19) Fluoranthene	19.082	202	231454m	3.029	ng/ul	
20) Pyrene	19.445	202	214924m	2.692	ng/ul	
21) Benzo(a)anthracene	21.200	228	109253m	1.509	ng/ul	
22) Chrysene	21.252	228	126072m	1.586	ng/ul	
24) Benzo(b)fluoranthene	22.769	252	172515m	1.757	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	59777m	0.627	ng/ul	
26) Benzo(a)pyrene	23.339	252	127500m	1.866	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.669	276	105511m	0.986	ng/ul	
28) Dibenzo(a,h)anthracene	25.673	278	28643m	0.360	ng/ul	
29) Benzo(g,h,i)perylene	26.364	276	107867m	1.266	ng/ul	

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

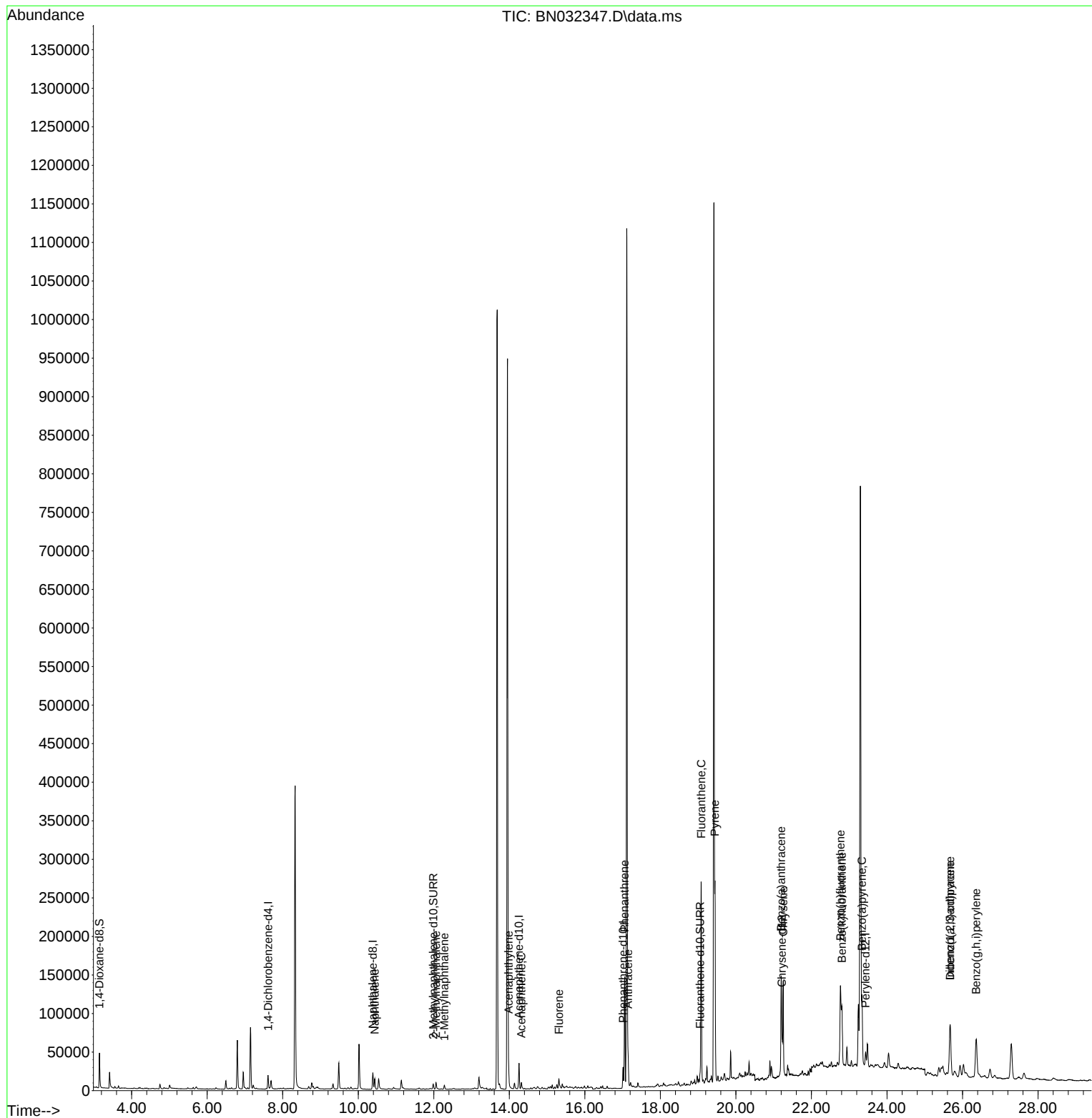
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032347.D
Acq On : 29 Jun 2024 12:17
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

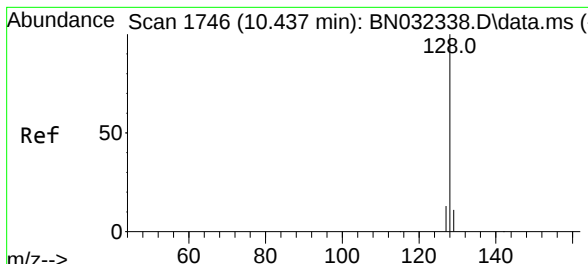
Instrument :
BNA_N
ClientSampleId :
A4CQ2

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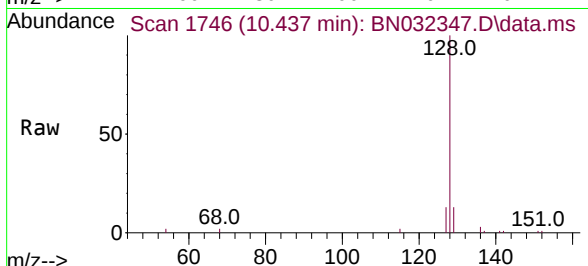
Quant Time: Jun 30 23:04:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.240 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

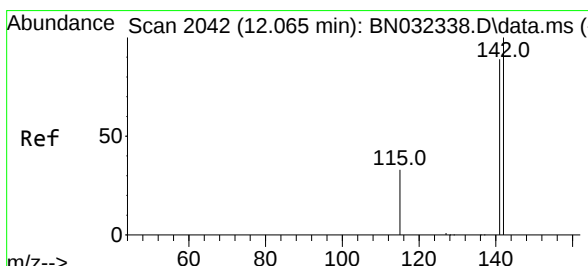
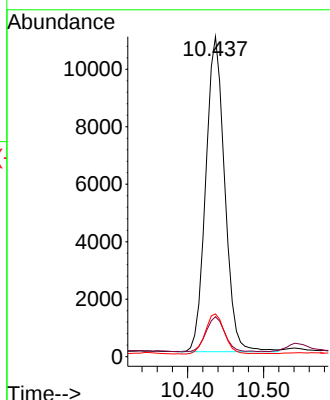
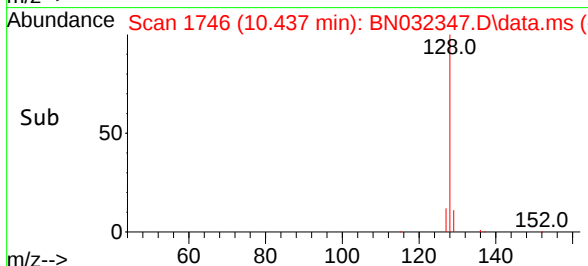
Instrument :
BNA_N
ClientSampleId :
A4CQ2



Tgt Ion:128 Resp: 1901
Ion Ratio Lower Upper
128 100
129 12.5 9.2 13.8
127 13.4 10.8 16.2

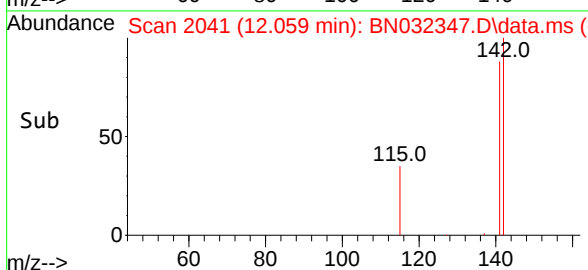
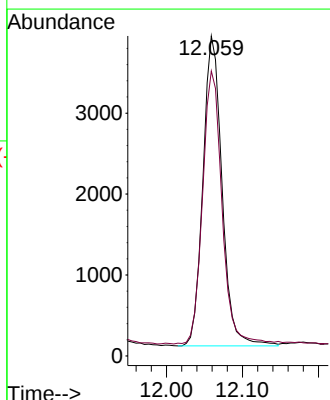
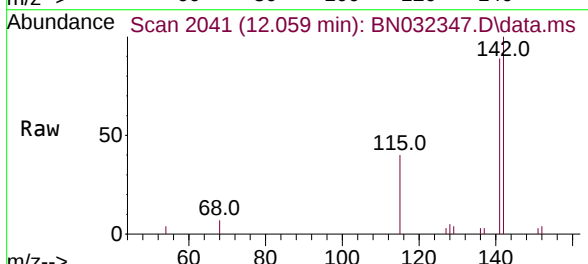
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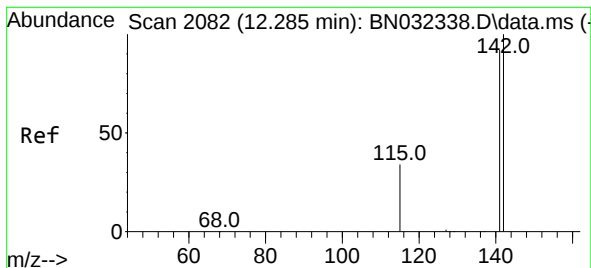
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.128 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

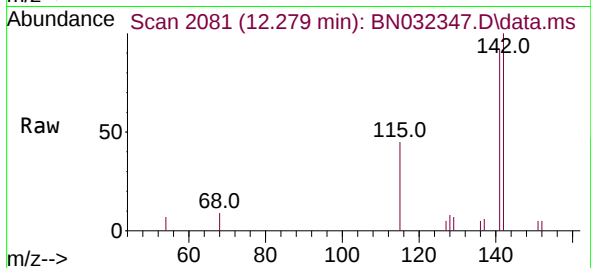
Tgt Ion:142 Resp: 6697
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.279 min Scan# 2082
Delta R.T. -0.017 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

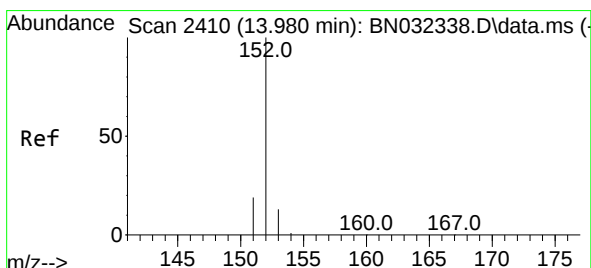
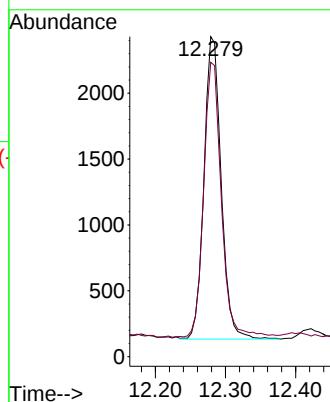
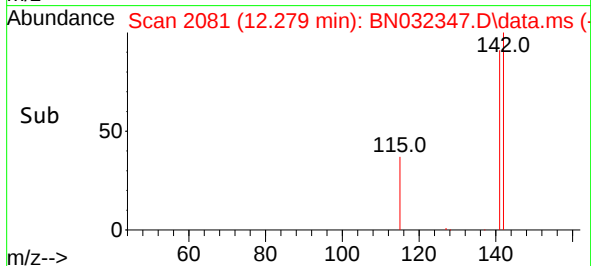
Instrument :
BNA_N
ClientSampleId :
A4CQ2



Tgt Ion:142 Resp: 3924
Ion Ratio Lower Upper
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141 93.1 73.4 110.0

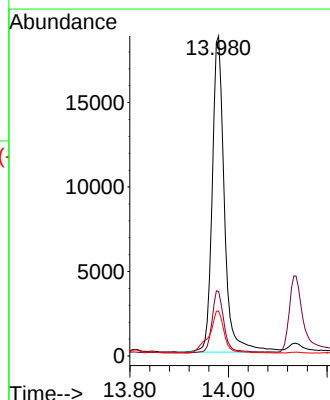
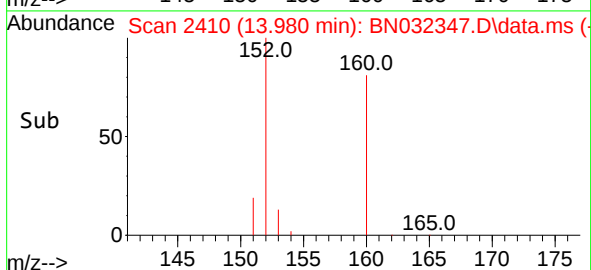
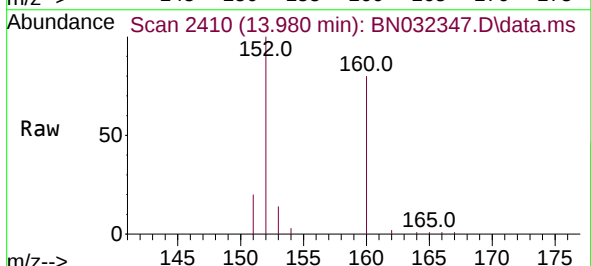
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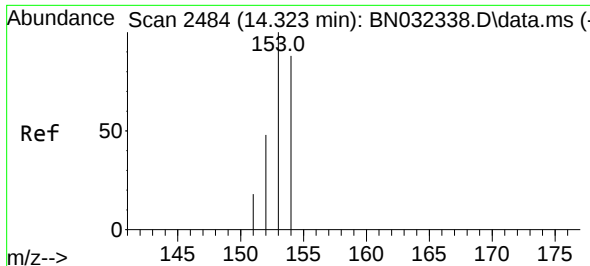
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.425 ng/ul
RT: 13.980 min Scan# 2410
Delta R.T. -0.010 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

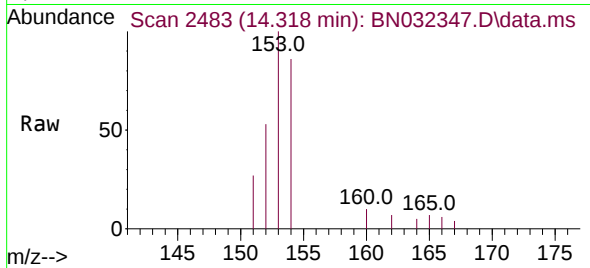
Tgt Ion:152 Resp: 32182
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 14.1 10.9 16.3





#11
Acenaphthene
Concen: 0.090 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

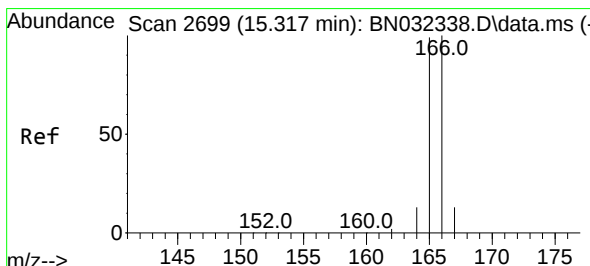
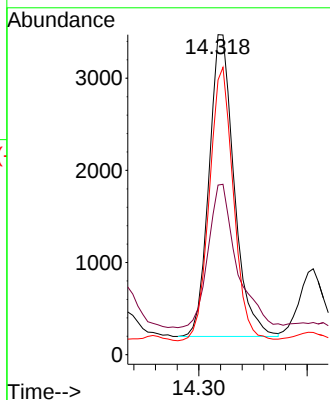
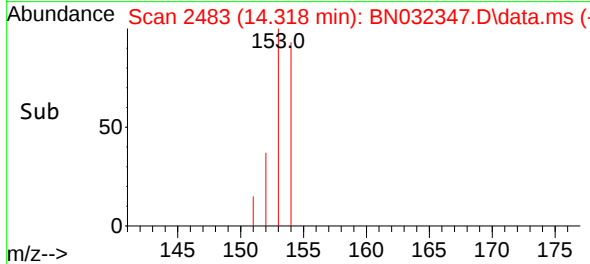
Instrument :
BNA_N
ClientSampleId :
A4CQ2



Tgt Ion:153 Resp: 528
Ion Ratio Lower Upper
153 100
152 53.0 39.5 59.3
154 85.8 71.7 107.5

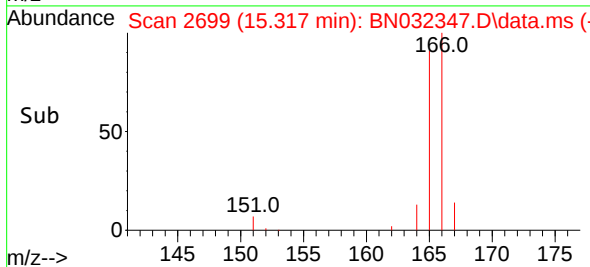
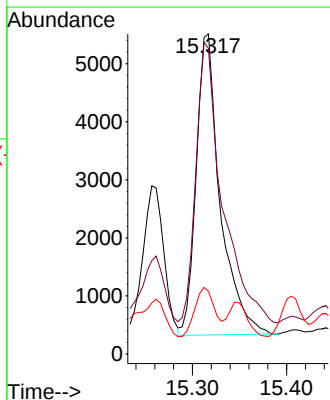
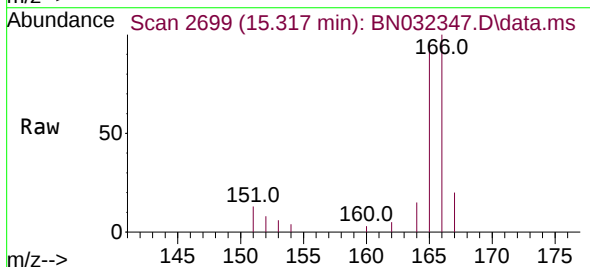
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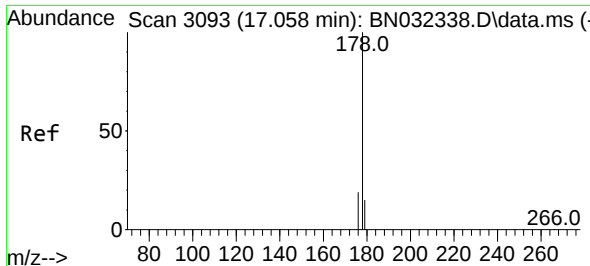
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.131 ng/ul
RT: 15.317 min Scan# 2699
Delta R.T. -0.010 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

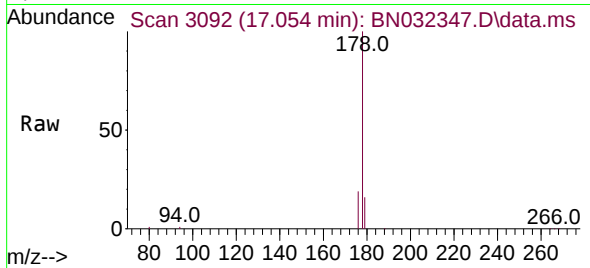
Tgt Ion:166 Resp: 9149
Ion Ratio Lower Upper
166 100
165 95.5 79.0 118.6
167 19.6 11.0 16.6#





#15
Phenanthrene
Concen: 1.621 ng/ul m
RT: 17.054 min Scan# 3092
Delta R.T. -0.013 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

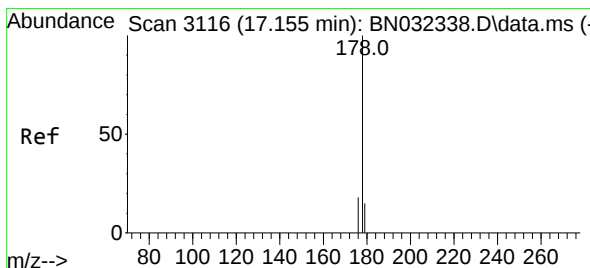
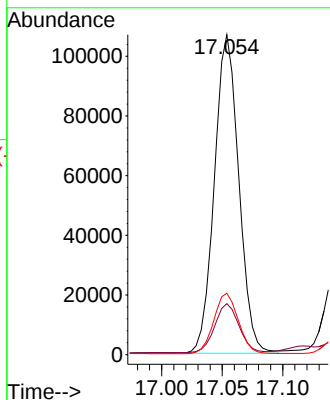
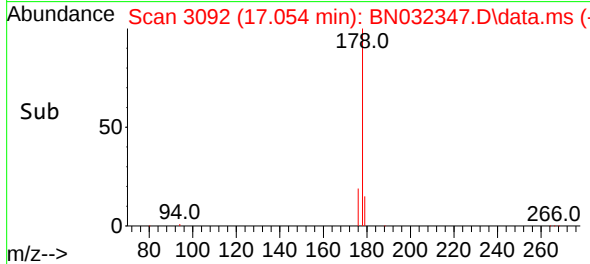
Instrument :
BNA_N
ClientSampleId :
A4CQ2



Tgt Ion:178 Resp: 149494
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.2 15.6 23.4

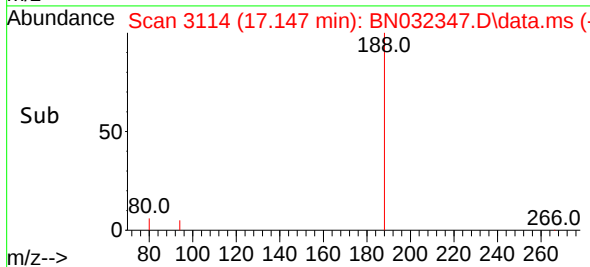
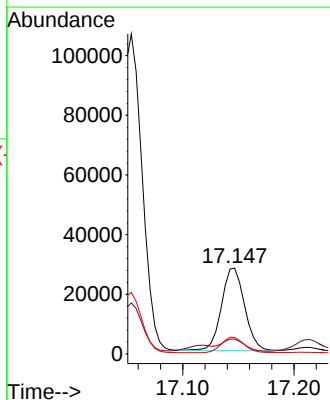
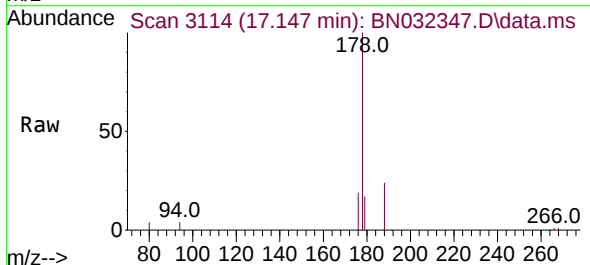
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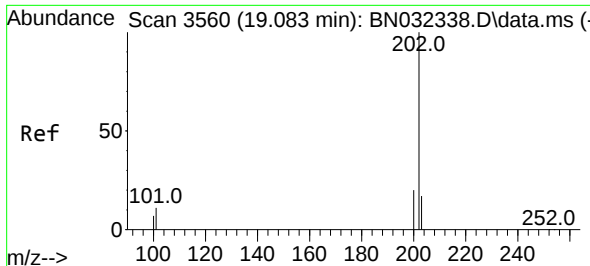
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 0.486 ng/ul m
RT: 17.147 min Scan# 3114
Delta R.T. -0.013 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

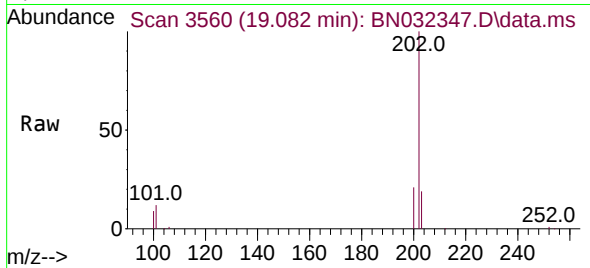
Tgt Ion:178 Resp: 39973
Ion Ratio Lower Upper
178 100
179 17.4 12.5 18.7
176 19.2 15.0 22.6





#19
Fluoranthene
Concen: 3.029 ng/ul m
RT: 19.082 min Scan# 3560
Delta R.T. -0.010 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

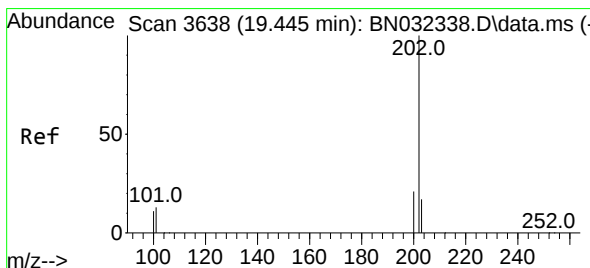
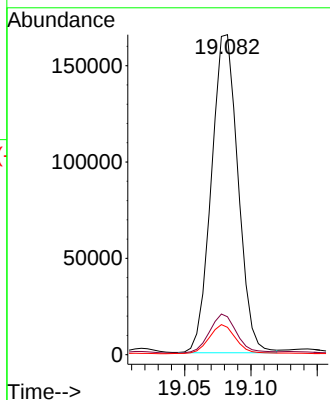
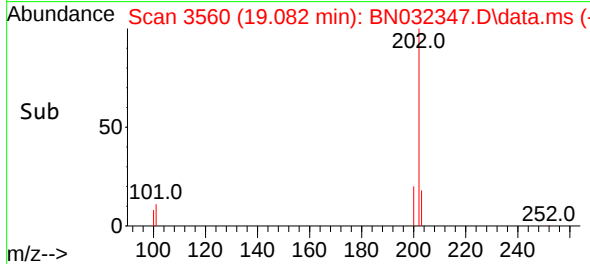
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ClientSampleId :
A4CQ2



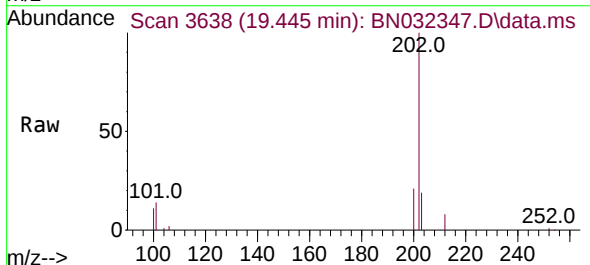
Tgt Ion:202 Resp: 231454
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 8.6 6.4 9.6

Manual Integrations
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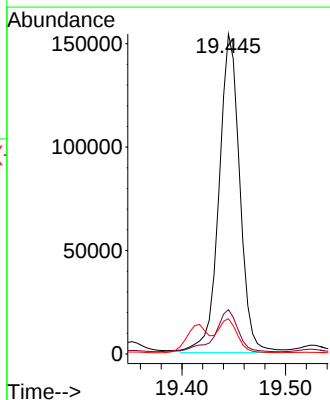
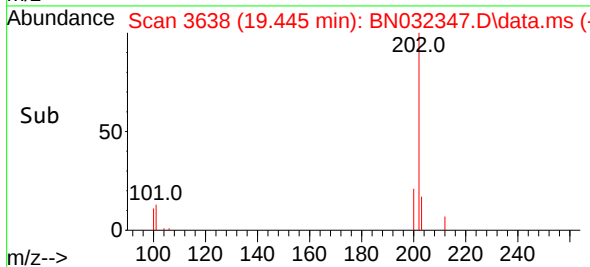
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

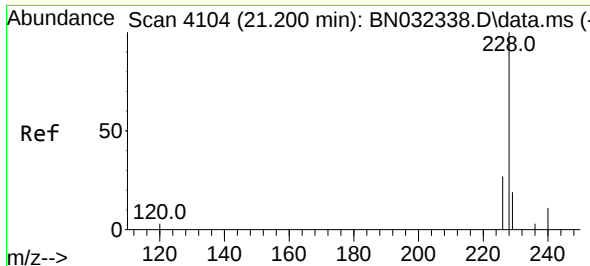


#20
Pyrene
Concen: 2.692 ng/ul m
RT: 19.445 min Scan# 3638
Delta R.T. -0.010 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17



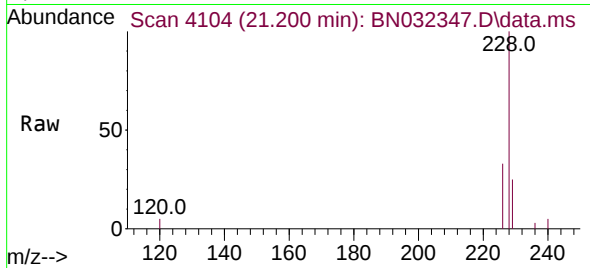
Tgt Ion:202 Resp: 214924
Ion Ratio Lower Upper
202 100
101 13.9 11.0 16.4
100 11.0 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.509 ng/ul m
RT: 21.200 min Scan# 4104
Delta R.T. -0.015 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

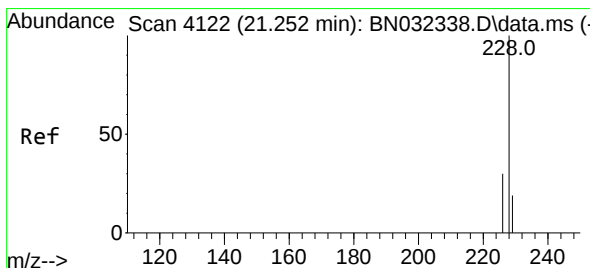
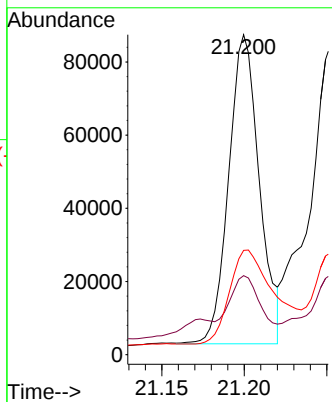
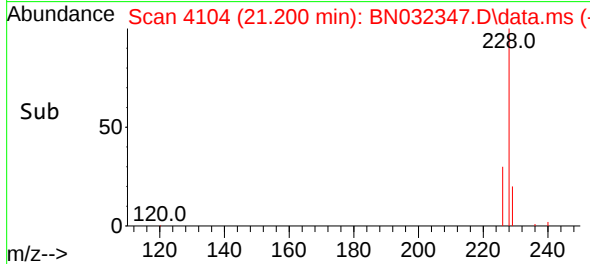
Instrument :
BNA_N
ClientSampleId :
A4CQ2



Tgt Ion:228 Resp: 10925
Ion Ratio Lower Upper
228 100
229 24.7 15.7 23.5
226 32.6 21.8 32.8

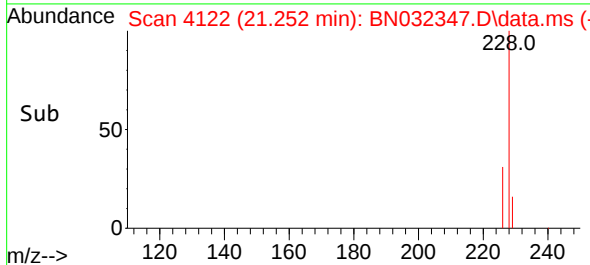
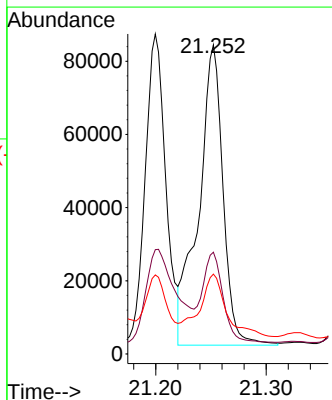
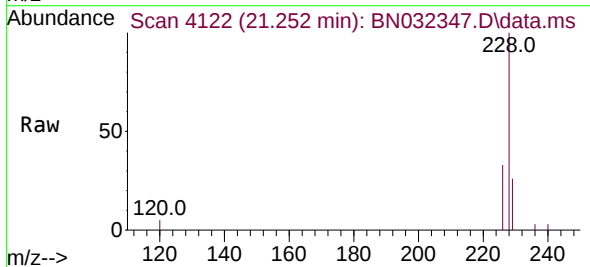
Manual Integrations
APPROVED

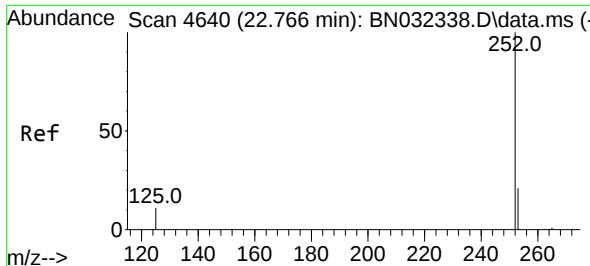
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 1.586 ng/ul m
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

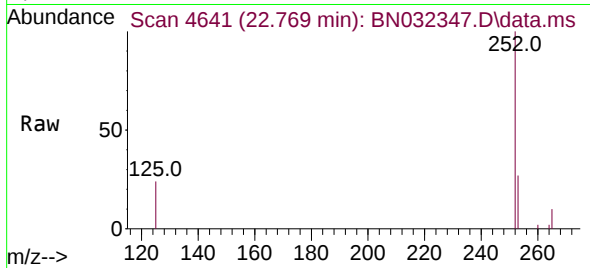
Tgt Ion:228 Resp: 126072
Ion Ratio Lower Upper
228 100
226 32.9 23.6 35.4
229 25.8 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 1.757 ng/ul m
RT: 22.769 min Scan# 4640
Delta R.T. -0.015 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

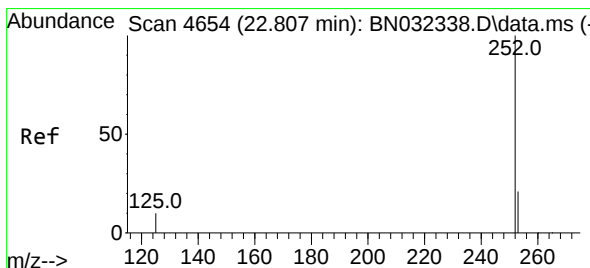
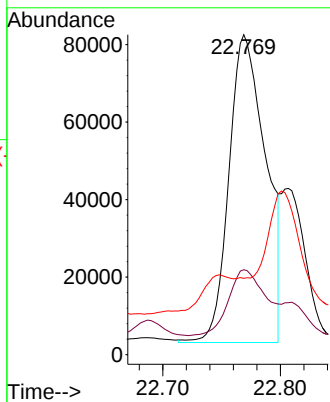
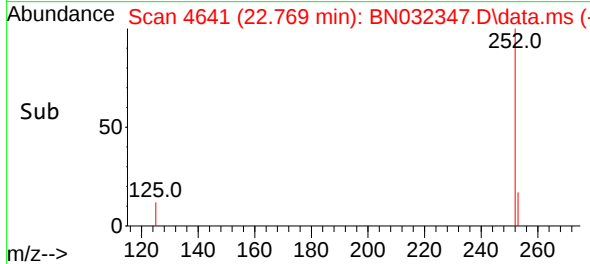
Instrument :
BNA_N
ClientSampleId :
A4CQ2



Tgt Ion:252 Resp: 172515
Ion Ratio Lower Upper
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253 26.6 0.0 50.2
125 23.8 0.0 32.0

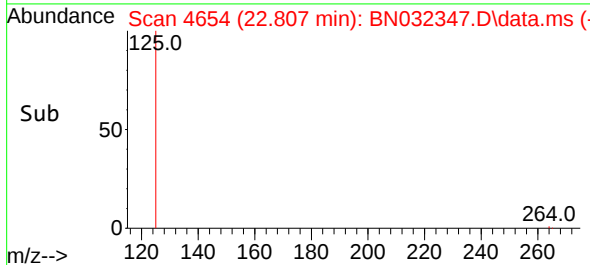
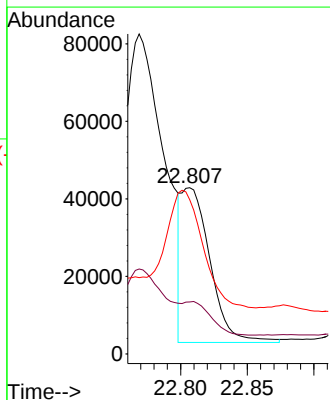
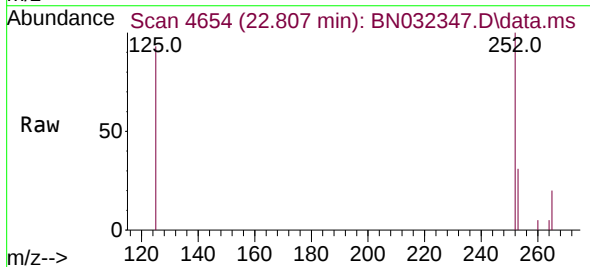
Manual Integrations
APPROVED

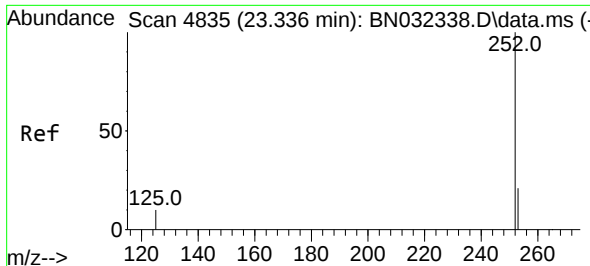
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 0.627 ng/ul m
RT: 22.807 min Scan# 4654
Delta R.T. -0.021 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

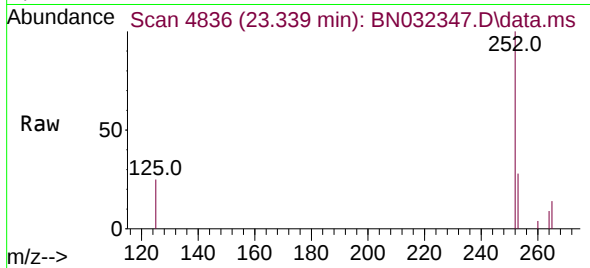
Tgt Ion:252 Resp: 59777
Ion Ratio Lower Upper
252 100
253 31.3 20.3 30.5#
125 92.8 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 1.866 ng/ul m
RT: 23.339 min Scan# 4836
Delta R.T. -0.021 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17

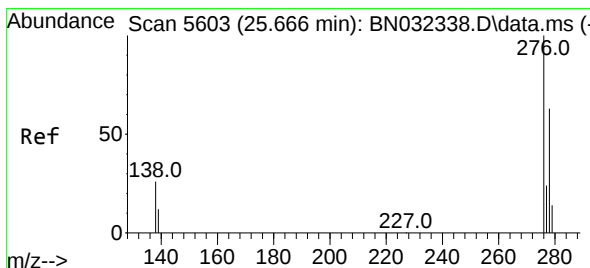
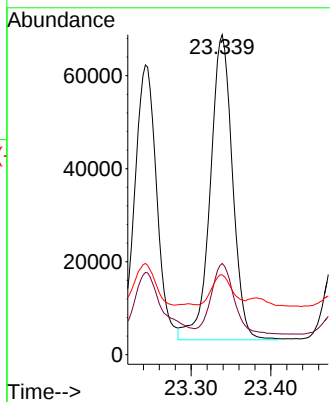
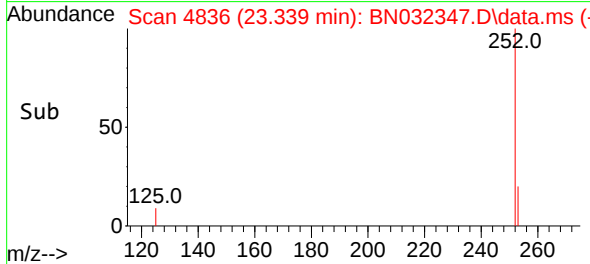
Instrument :
BNA_N
ClientSampleId :
A4CQ2



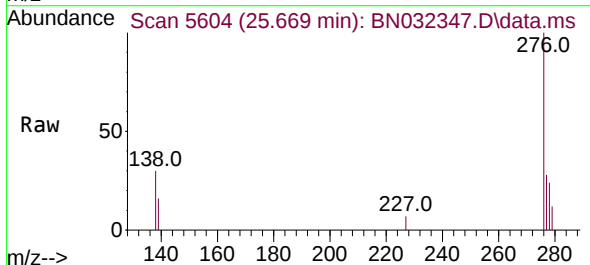
Tgt Ion:252 Resp: 127500
Ion Ratio Lower Upper
252 100
253 28.5 22.2 33.2
125 25.0 16.4 24.6

Manual Integrations
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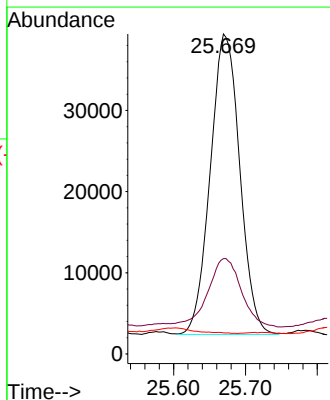
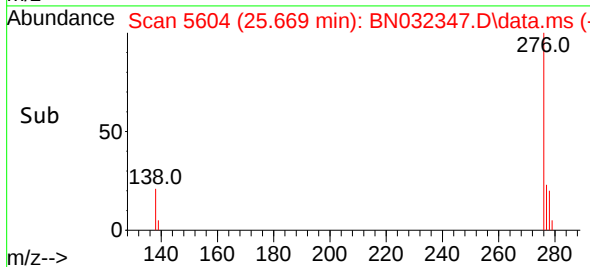
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

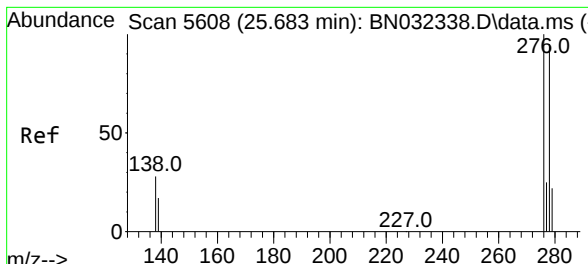


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.986 ng/ul m
RT: 25.669 min Scan# 5604
Delta R.T. -0.030 min
Lab File: BN032347.D
Acq: 29 Jun 2024 12:17



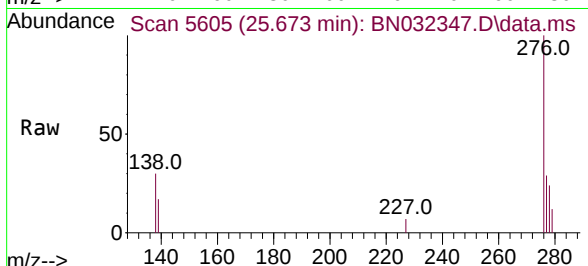
Tgt Ion:276 Resp: 105511
Ion Ratio Lower Upper
276 100
138 4.1 21.3 31.9#
227 0.1 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.360 ng/ul m
 RT: 25.673 min Scan# 5011
 Delta R.T. -0.037 min
 Lab File: BN032347.D
 Acq: 29 Jun 2024 12:17

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ2

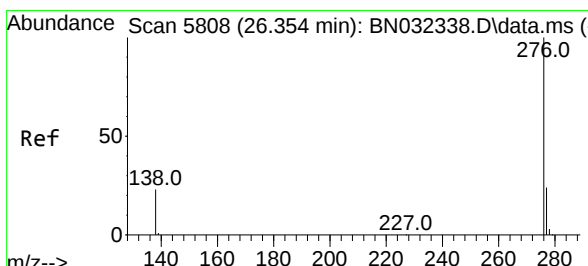
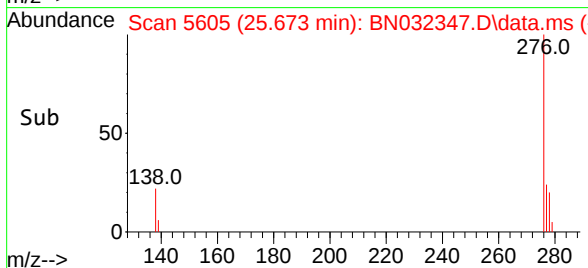
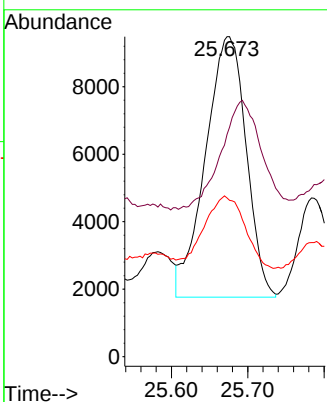


Tgt Ion: 278 Resp: 2864

Ion	Ratio	Lower	Upper
278	100		
139	69.5	15.9	23.9
279	49.6	21.1	31.7

Manual Integrations
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Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :mohammad ahmed 07/04/2024



#29
 Benzo(g,h,i)perylene
 Concen: 1.266 ng/ul m
 RT: 26.364 min Scan# 5811
 Delta R.T. -0.017 min
 Lab File: BN032347.D
 Acq: 29 Jun 2024 12:17

Tgt Ion: 276 Resp: 107867

Ion	Ratio	Lower	Upper
276	100		
138	29.8	19.8	29.6
277	28.5	19.8	29.6

