

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032351.D
 Acq On : 29 Jun 2024 14:40
 Operator : MA/JU
 Sample : P2934-15
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ1

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 23:05:24 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	7.612	152	10189	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	31980	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	18098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	29195m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.217	240	19958m	0.400	ng/ul	0.00
23) Perylene-d12	23.435	264	25892m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	35678	3.150	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	10831	0.226	ng/ul	-0.02
18) Fluoranthene-d10	19.050	212	15414m	0.257	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.437	128	67547	0.798	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	22398	0.399	ng/ul	99
8) 1-Methylnaphthalene	12.279	142	11861	0.204	ng/ul	98
10) Acenaphthylene	13.980	152	69797	0.927	ng/ul	99
11) Acenaphthene	14.322	153	15692	0.269	ng/ul	99
12) Fluorene	15.312	166	22709	0.326	ng/ul#	98
15) Phenanthrene	17.054	178	454121m	5.674	ng/ul	
16) Anthracene	17.143	178	113090m	1.584	ng/ul	
19) Fluoranthene	19.078	202	778494m	10.244	ng/ul	
20) Pyrene	19.445	202	566666m	7.135	ng/ul	
21) Benzo(a)anthracene	21.200	228	430093m	5.971	ng/ul	
22) Chrysene	21.252	228	522739m	6.612	ng/ul	
24) Benzo(b)fluoranthene	22.772	252	718719m	6.389	ng/ul	
25) Benzo(k)fluoranthene	22.810	252	230196m	2.106	ng/ul	
26) Benzo(a)pyrene	23.339	252	245096m	3.132	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.676	276	278279m	2.271	ng/ul	
28) Dibenzo(a,h)anthracene	25.680	278	107190m	1.177	ng/ul	
29) Benzo(g,h,i)perylene	26.360	276	44057m	0.451	ng/ul	

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

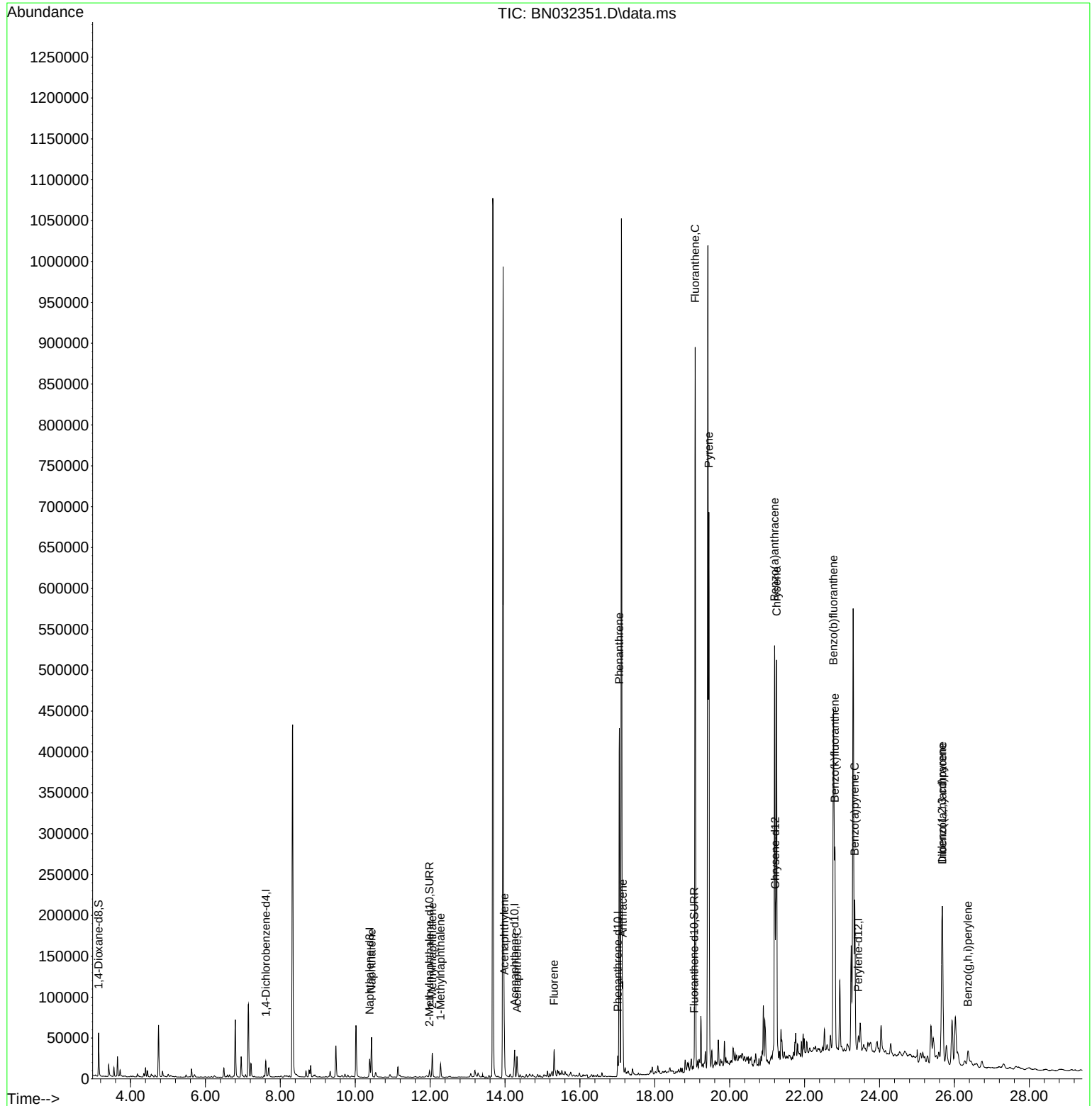
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032351.D
Acq On : 29 Jun 2024 14:40
Operator : MA/JU
Sample : P2934-15
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ALS Vial : 49 Sample Multiplier: 1

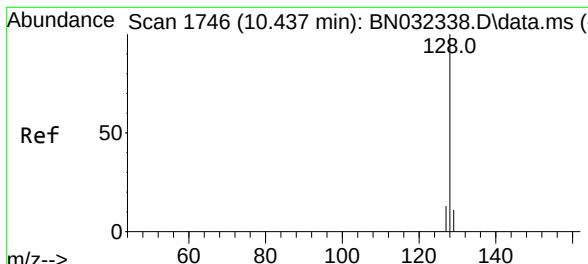
Instrument :
BNA_N
ClientSampleId :
A4CQ1

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Supervised By :mohammad ahmed 07/04/2024

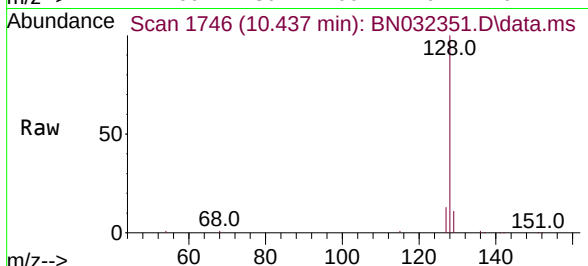
Quant Time: Jun 30 23:05:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.798 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032351.D
Acq: 29 Jun 2024 14:40

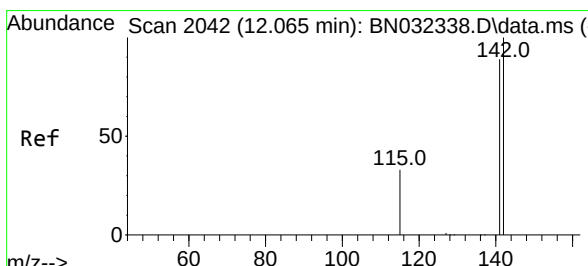
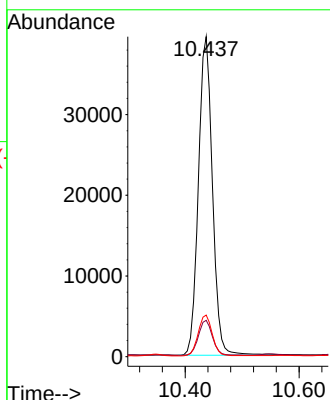
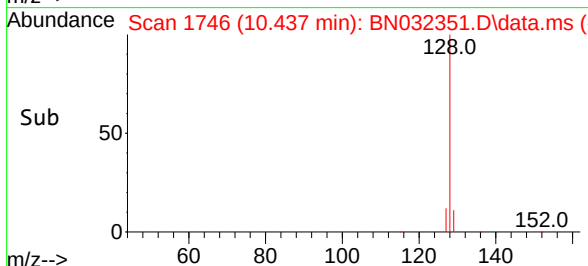
Instrument :
BNA_N
ClientSampleId :
A4CQ1



Tgt Ion:128 Resp: 6754
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.0 10.8 16.2

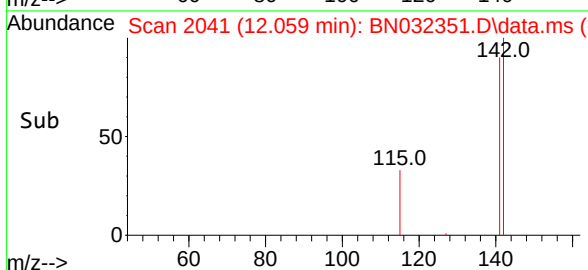
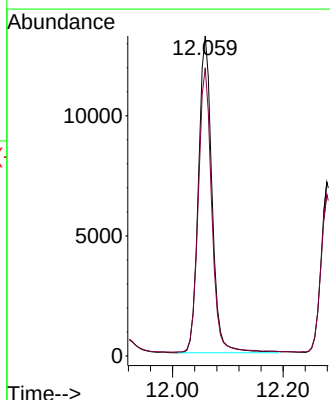
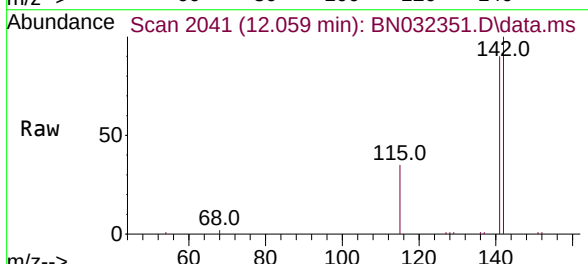
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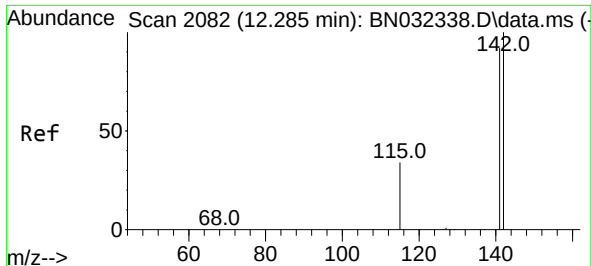
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032351.D
Acq: 29 Jun 2024 14:40

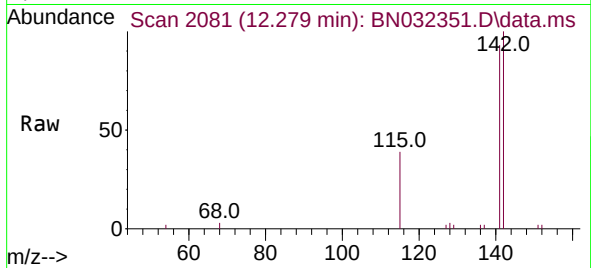
Tgt Ion:142 Resp: 22398
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.204 ng/ul
RT: 12.279 min Scan# 2082
Delta R.T. -0.017 min
Lab File: BN032351.D
Acq: 29 Jun 2024 14:40

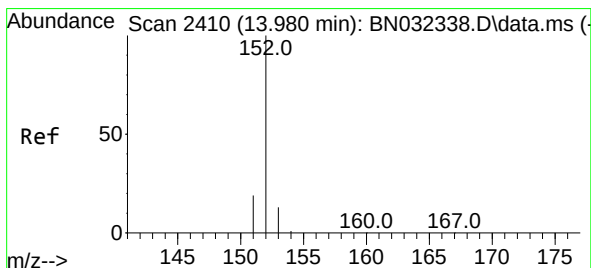
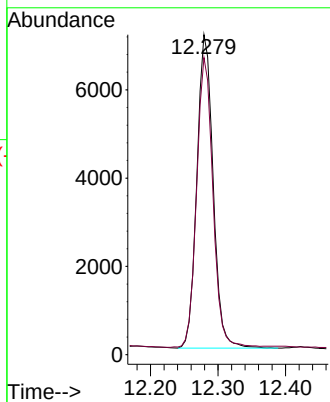
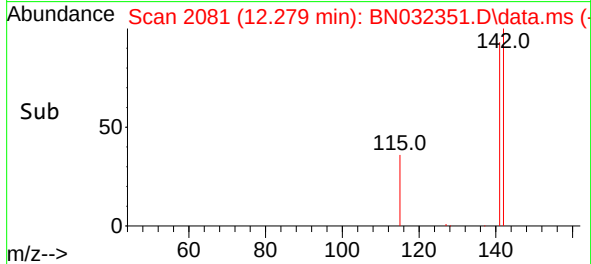
Instrument :
BNA_N
ClientSampleId :
A4CQ1



Tgt Ion:142 Resp: 1186
Ion Ratio Lower Upper
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141 93.2 73.4 110.0

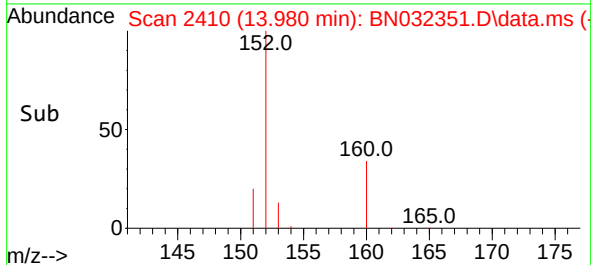
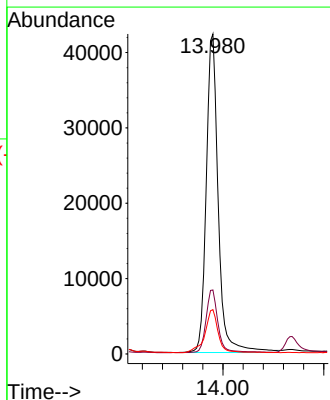
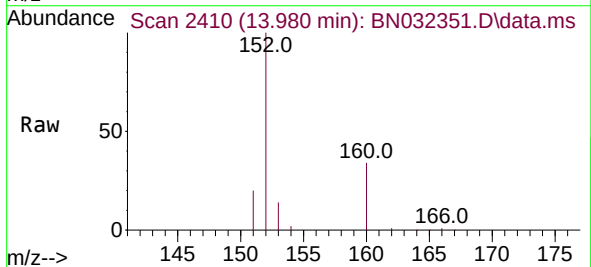
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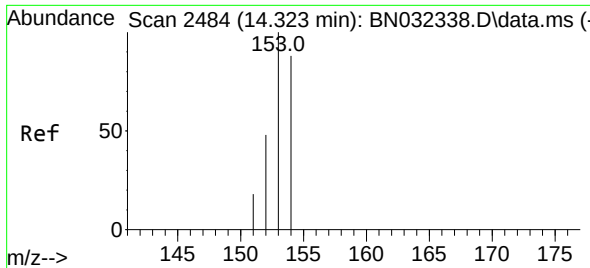
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.927 ng/ul
RT: 13.980 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BN032351.D
Acq: 29 Jun 2024 14:40

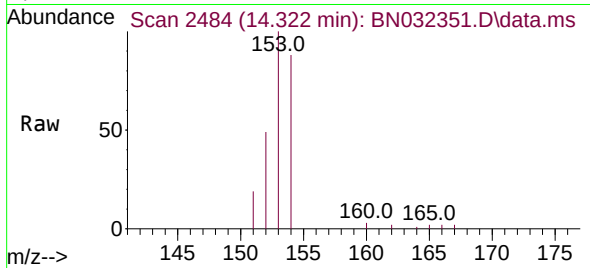
Tgt Ion:152 Resp: 69797
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.8 10.9 16.3





#11
Acenaphthene
Concen: 0.269 ng/ul
RT: 14.322 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN032351.D
Acq: 29 Jun 2024 14:40

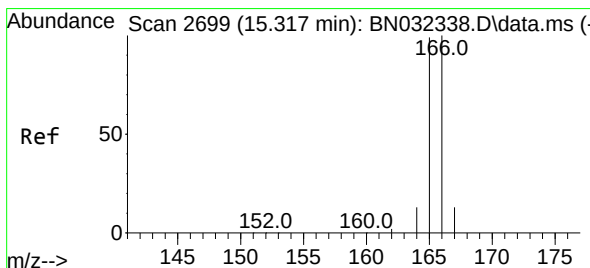
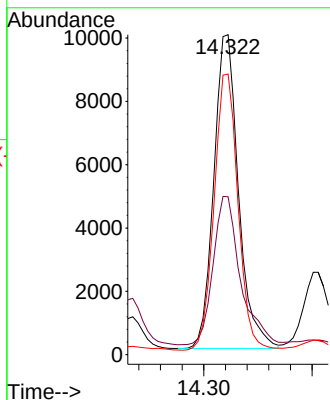
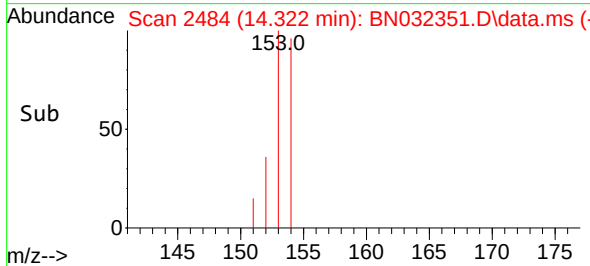
Instrument :
BNA_N
ClientSampleId :
A4CQ1



Tgt Ion:153 Resp: 15692
Ion Ratio Lower Upper
153 100
152 49.4 39.5 59.3
154 87.7 71.7 107.5

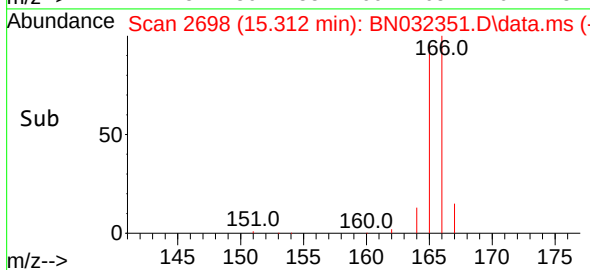
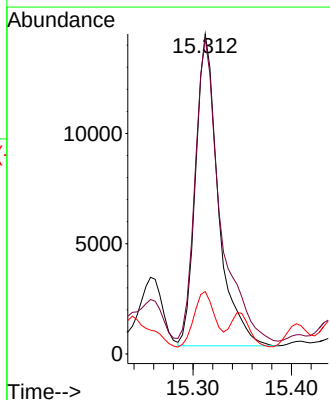
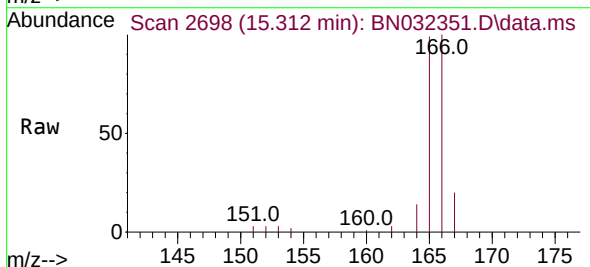
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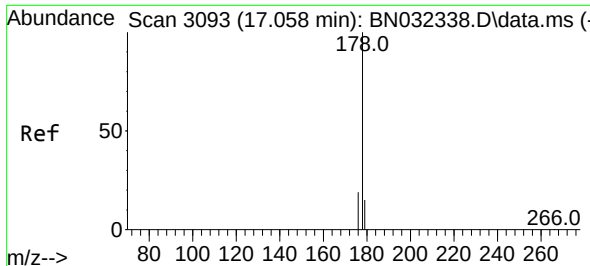
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.326 ng/ul
RT: 15.312 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032351.D
Acq: 29 Jun 2024 14:40

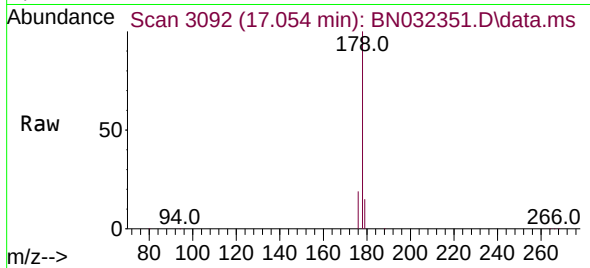
Tgt Ion:166 Resp: 22709
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.6
167 19.5 11.0 16.6#





#15
Phenanthrene
Concen: 5.674 ng/ul m
RT: 17.054 min Scan# 3093
Delta R.T. -0.013 min
Lab File: BN032351.D
Acq: 29 Jun 2024 14:40

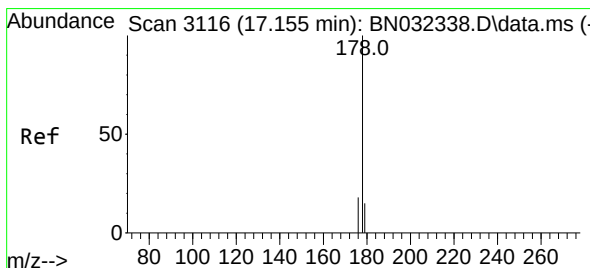
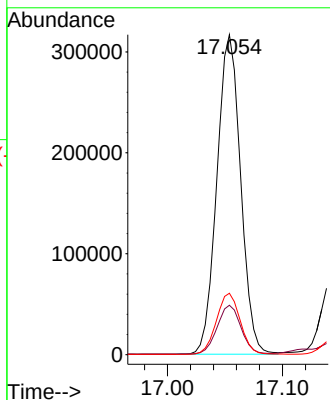
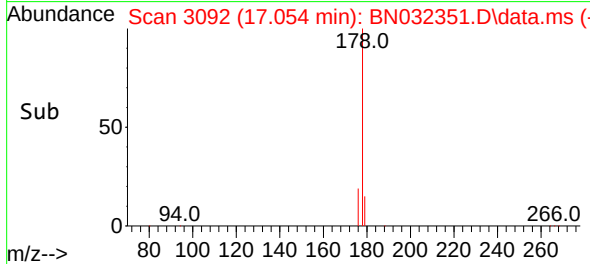
Instrument :
BNA_N
ClientSampleId :
A4CQ1



Tgt Ion:178 Resp: 45412
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.6 23.4

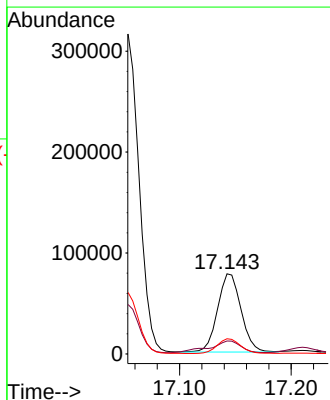
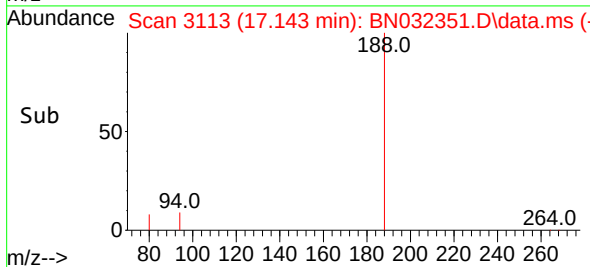
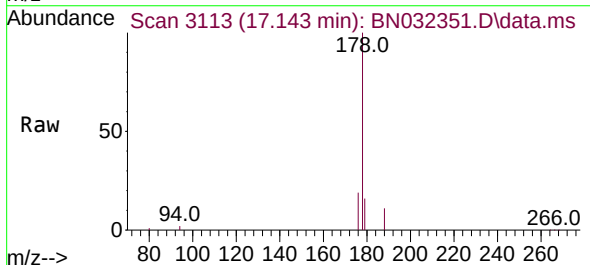
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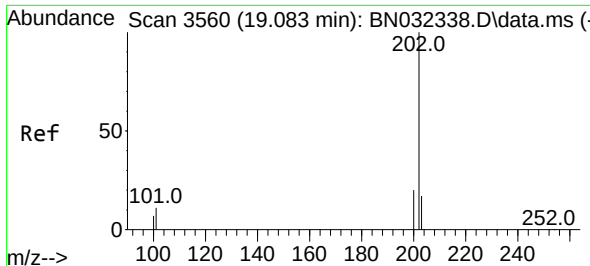
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 1.584 ng/ul m
RT: 17.143 min Scan# 3113
Delta R.T. -0.017 min
Lab File: BN032351.D
Acq: 29 Jun 2024 14:40

Tgt Ion:178 Resp: 113090
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 18.9 15.0 22.6





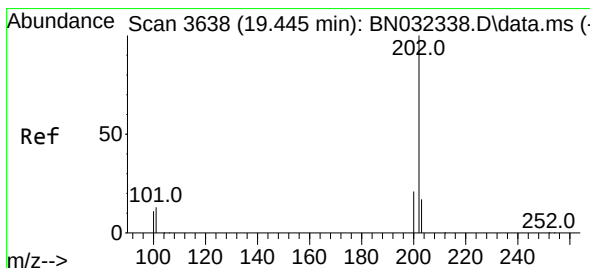
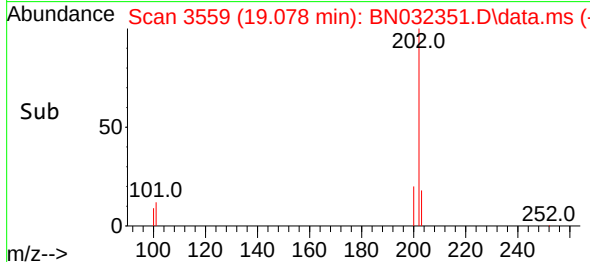
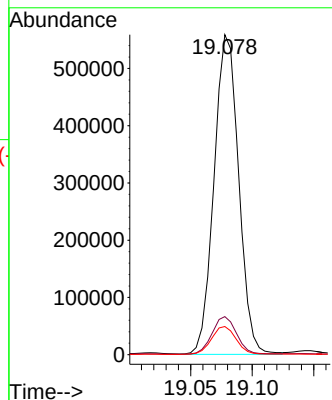
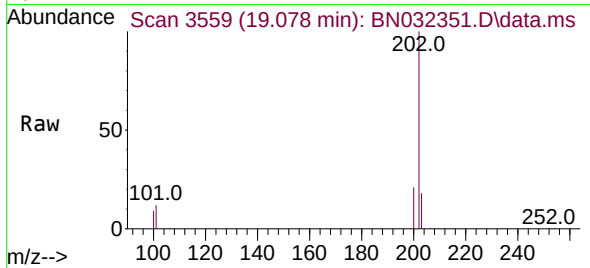
#19
Fluoranthene
Concen: 10.244 ng/ul m
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032351.D
Acq: 29 Jun 2024 14:40

Instrument :
BNA_N
ClientSampleId :
A4CQ1

Tgt Ion:202 Resp: 778494
Ion Ratio Lower Upper
202 100
101 11.9 8.8 13.2
100 8.8 6.4 9.6

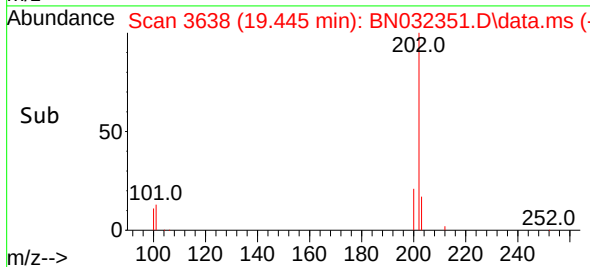
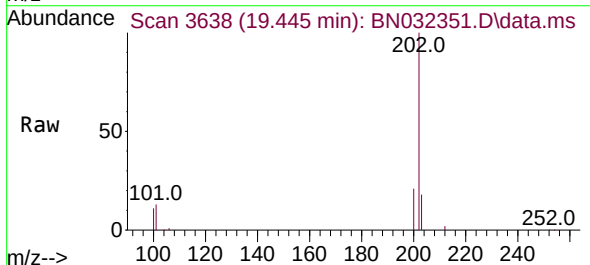
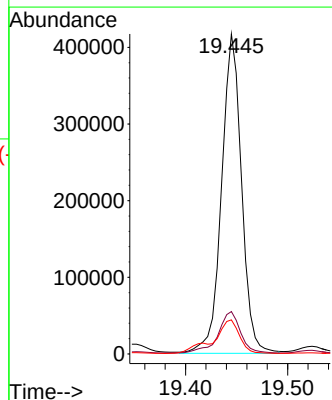
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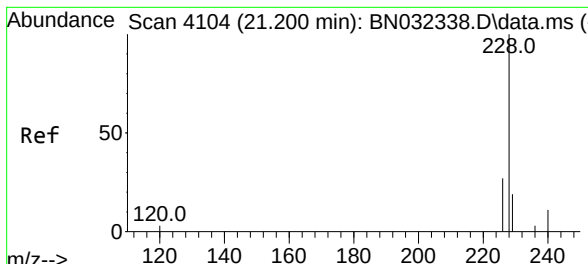
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 7.135 ng/ul m
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032351.D
Acq: 29 Jun 2024 14:40

Tgt Ion:202 Resp: 566666
Ion Ratio Lower Upper
202 100
101 13.3 11.0 16.4
100 10.7 8.7 13.1





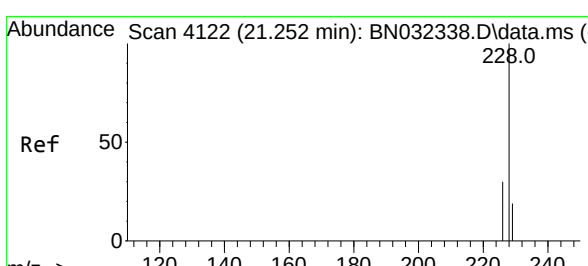
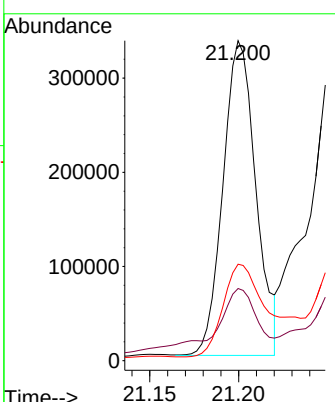
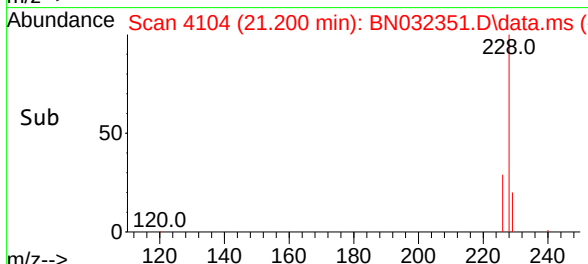
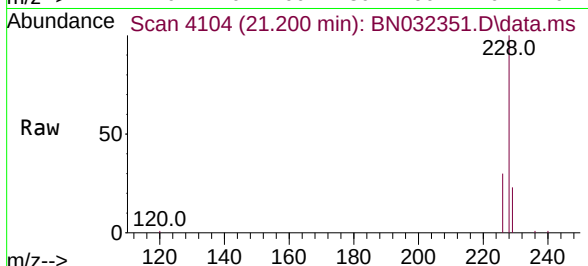
#21
 Benzo(a)anthracene
 Concen: 5.971 ng/ul m
 RT: 21.200 min Scan# 4104
 Delta R.T. -0.015 min
 Lab File: BN032351.D
 Acq: 29 Jun 2024 14:40

Instrument : BNA_N
 ClientSampleId : A4CQ1

Tgt Ion:228 Resp: 430091

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.7	23.5
226	30.1	21.8	32.8

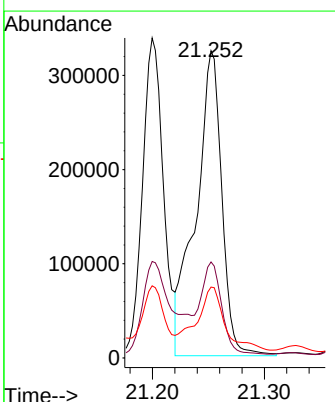
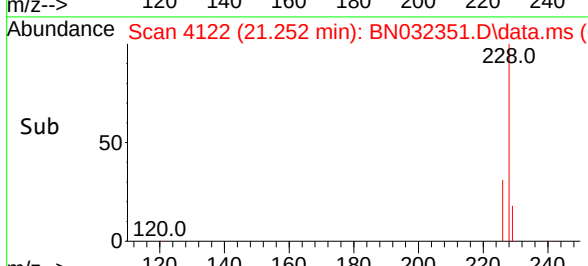
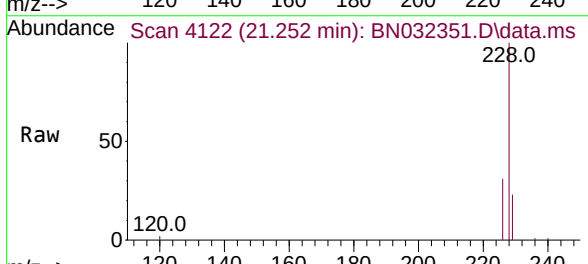
Manual Integrations
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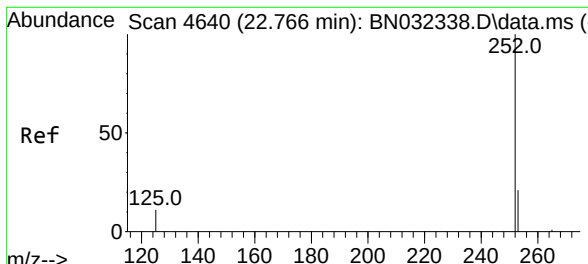


#22
 Chrysene
 Concen: 6.612 ng/ul m
 RT: 21.252 min Scan# 4122
 Delta R.T. -0.015 min
 Lab File: BN032351.D
 Acq: 29 Jun 2024 14:40

Tgt Ion:228 Resp: 522739

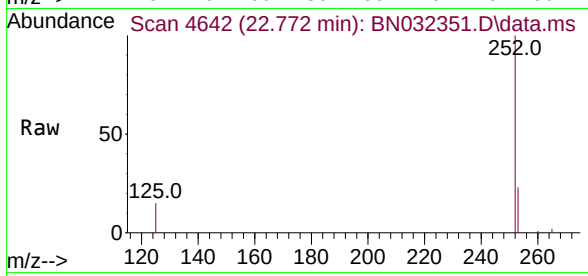
Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.6	35.4
229	23.1	15.7	23.5





#24
 Benzo(b)fluoranthene
 Concen: 6.389 ng/ul m
 RT: 22.772 min Scan# 4642
 Delta R.T. -0.012 min
 Lab File: BN032351.D
 Acq: 29 Jun 2024 14:40

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ1

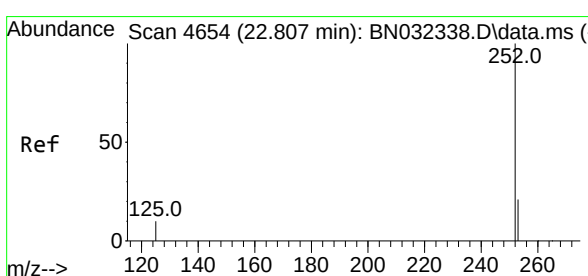
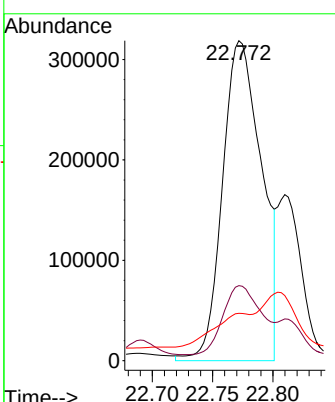
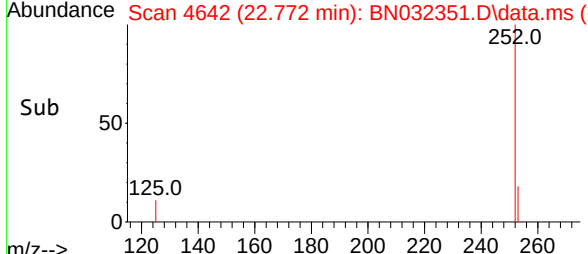


Tgt Ion:252 Resp: 718719

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	50.2
125	14.8	0.0	32.0

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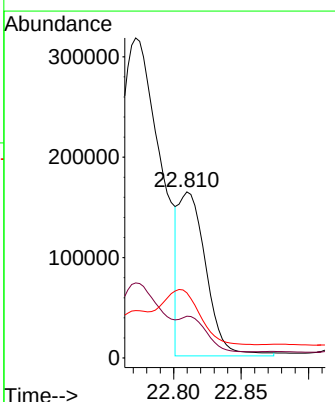
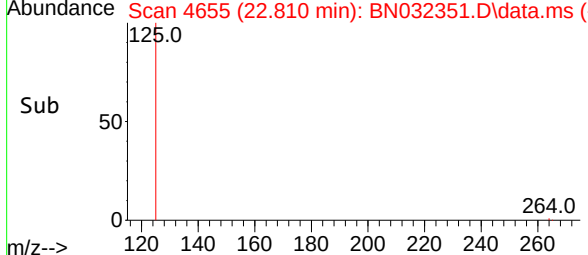
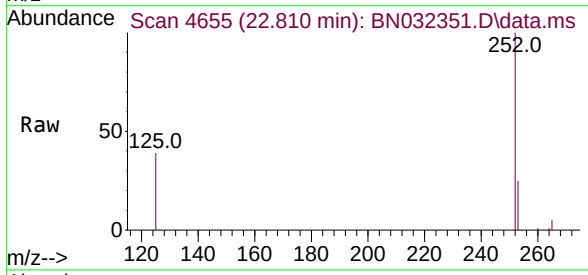
Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :mohammad ahmed 07/04/2024

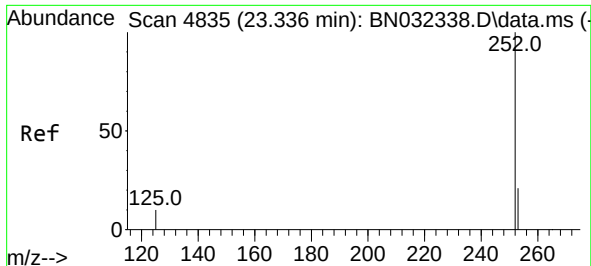


#25
 Benzo(k)fluoranthene
 Concen: 2.106 ng/ul m
 RT: 22.810 min Scan# 4655
 Delta R.T. -0.018 min
 Lab File: BN032351.D
 Acq: 29 Jun 2024 14:40

Tgt Ion:252 Resp: 230196

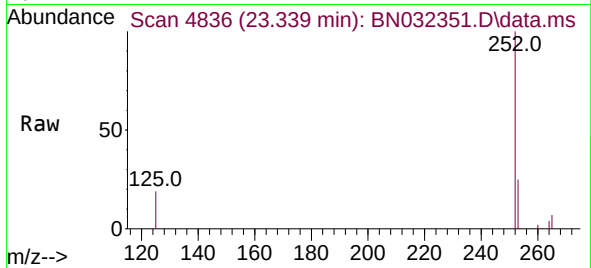
Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.3	30.5
125	39.3	12.8	19.2





#26
Benzo(a)pyrene
Concen: 3.132 ng/ul m
RT: 23.339 min Scan# 4836
Delta R.T. -0.021 min
Lab File: BN032351.D
Acq: 29 Jun 2024 14:40

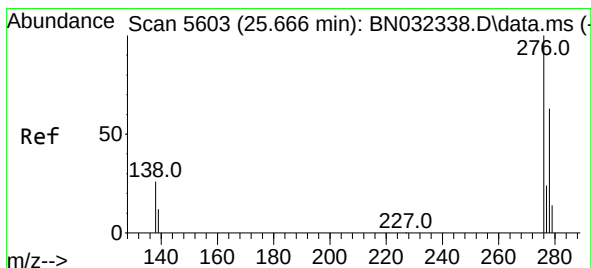
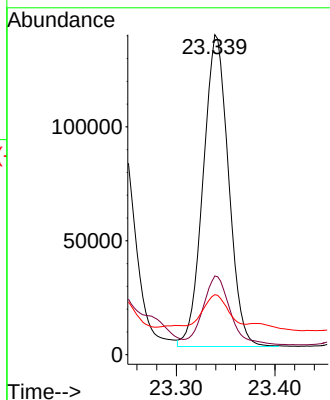
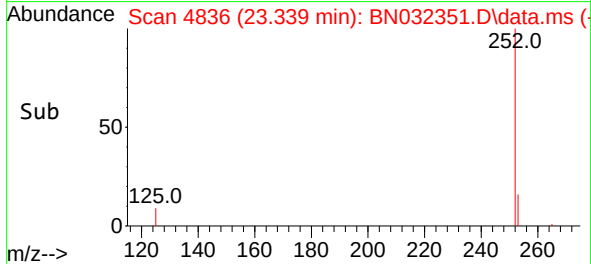
Instrument :
BNA_N
ClientSampleId :
A4CQ1



Tgt Ion:252 Resp: 245090
Ion Ratio Lower Upper
252 100
253 24.6 22.2 33.2
125 18.7 16.4 24.6

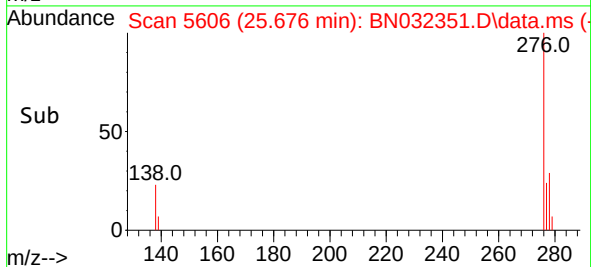
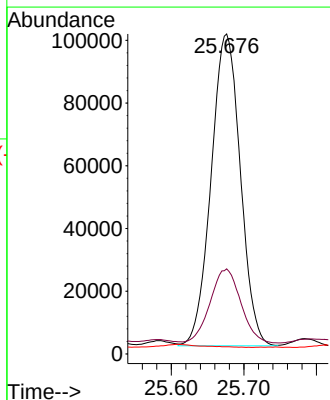
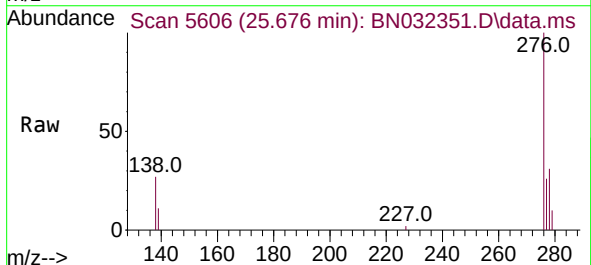
Manual Integrations
APPROVED

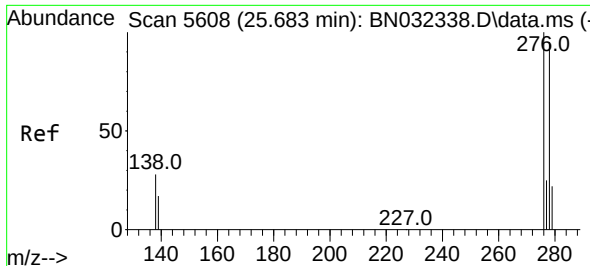
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.271 ng/ul m
RT: 25.676 min Scan# 5606
Delta R.T. -0.024 min
Lab File: BN032351.D
Acq: 29 Jun 2024 14:40

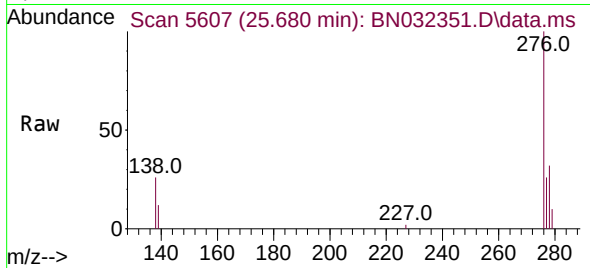
Tgt Ion:276 Resp: 278279
Ion Ratio Lower Upper
276 100
138 3.0 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.177 ng/ul m
RT: 25.680 min Scan# 5608
Delta R.T. -0.030 min
Lab File: BN032351.D
Acq: 29 Jun 2024 14:40

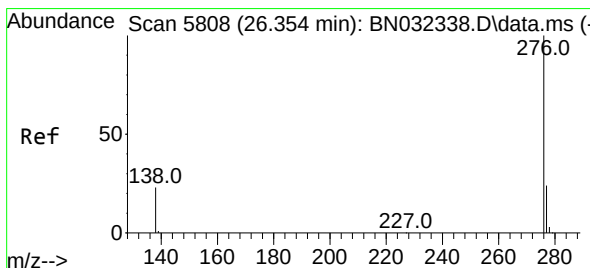
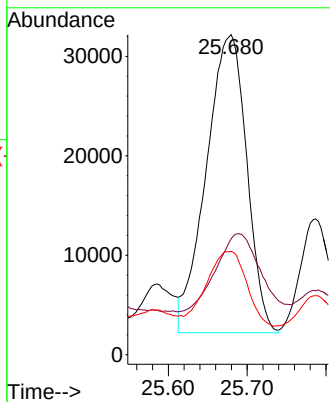
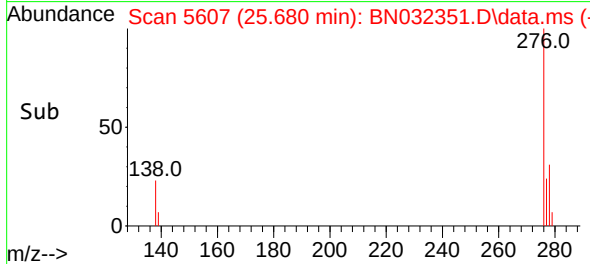
Instrument :
BNA_N
ClientSampleId :
A4CQ1



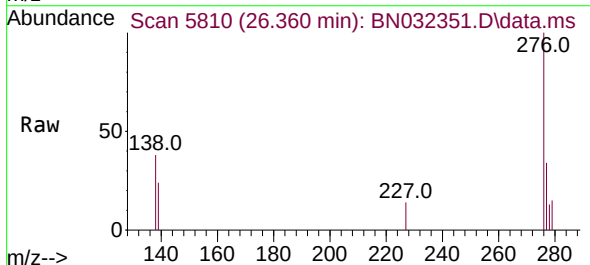
Tgt Ion:278 Resp: 107190
Ion Ratio Lower Upper
278 100
139 36.2 15.9 23.9#
279 32.3 21.1 31.7#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.451 ng/ul m
RT: 26.360 min Scan# 5810
Delta R.T. -0.020 min
Lab File: BN032351.D
Acq: 29 Jun 2024 14:40



Tgt Ion:276 Resp: 44057
Ion Ratio Lower Upper
276 100
138 38.1 19.8 29.6#
277 33.8 19.8 29.6#

