

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028072.D
 Acq On : 06 Oct 2023 06:06
 Operator : MA/JU
 Sample : 04527-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYG9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 06:34:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	4605	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	14188	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.587	164	8246	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	15618	0.400	ng/ul #	0.00
17) Chrysene-d12	21.530	240	13006	0.400	ng/ul #	0.01
23) Perylene-d12	24.006	264	20195	0.400	ng/ul #	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	27184	4.700	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	6710	0.294	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	11471	0.278	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.812	128	71543	1.776	ng/ul	98
7) 2-Methylnaphthalene	12.418	142	41837	1.646	ng/ul	97
8) 1-Methylnaphthalene	12.632	142	21148	0.804	ng/ul	99
10) Acenaphthylene	14.314	152	9623	0.257	ng/ul#	64
11) Acenaphthene	14.647	153	80692	2.710	ng/ul	99
12) Fluorene	15.637	166	33311	1.006	ng/ul#	97
15) Phenanthrene	17.384	178	1372988	29.496	ng/ul	99
16) Anthracene	17.477	178	229126	5.502	ng/ul	99
19) Fluoranthene	19.404	202	2947425	59.349	ng/ul	100
20) Pyrene	19.771	202	2463091m	47.853	ng/ul	
21) Benzo(a)anthracene	21.513	228	1657663	34.908	ng/ul	99
22) Chrysene	21.571	228	1663993	34.696	ng/ul	98
24) Benzo(b)fluoranthene	23.243	252	2786379m	37.209	ng/ul	
25) Benzo(k)fluoranthene	23.287	252	1115319m	14.968	ng/ul	
26) Benzo(a)pyrene	23.898	252	2133626	33.417	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.609	276	1765852	22.857	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.613	278	475632	7.569	ng/ul	97
29) Benzo(g,h,i)perylene	27.431	276	1734612	27.461	ng/ul	98

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

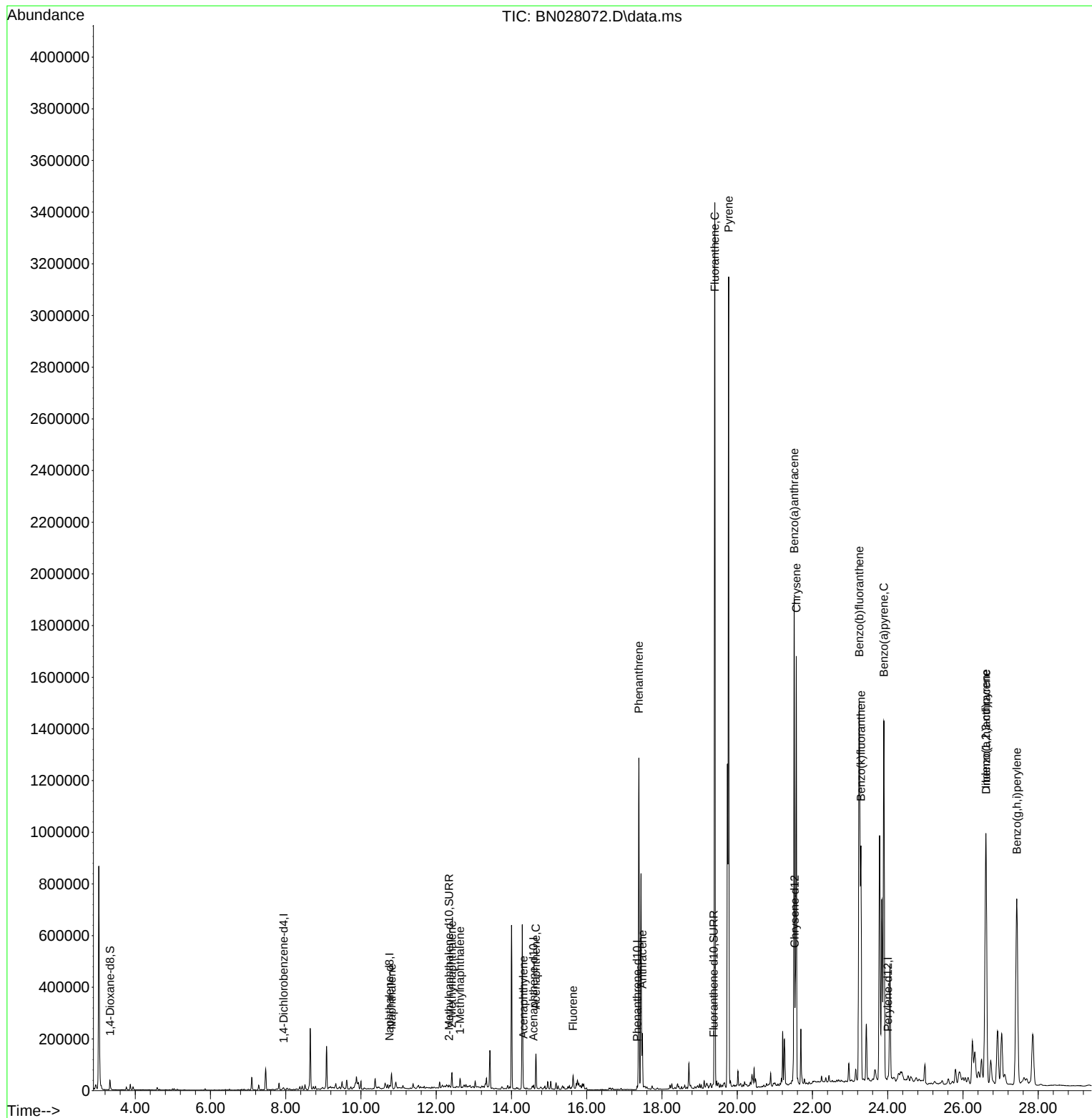
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028072.D
Acq On : 06 Oct 2023 06:06
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Sample : 04527-02
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ALS Vial : 25 Sample Multiplier: 1

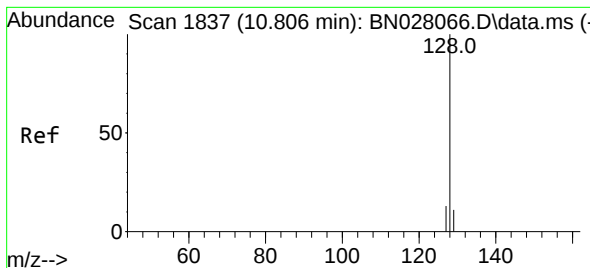
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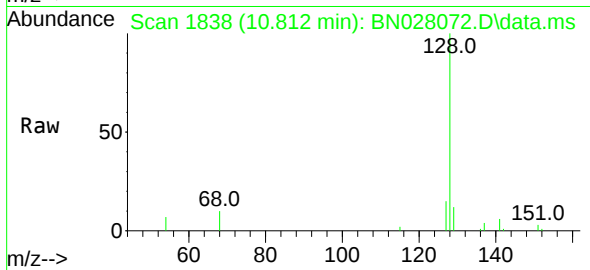
Quant Time: Oct 06 06:34:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.776 ng/ul
RT: 10.812 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06

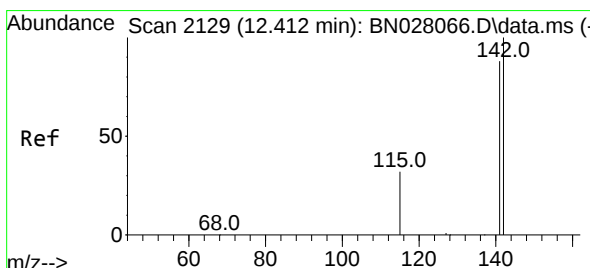
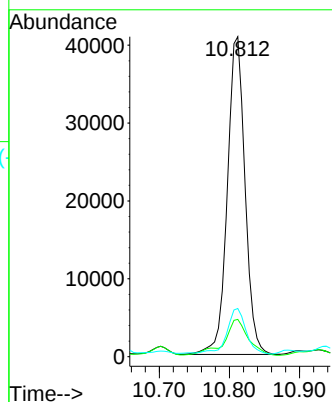
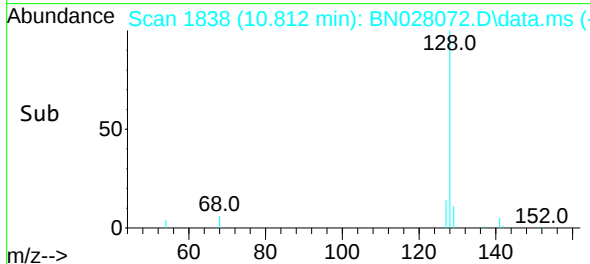
Instrument :
BNA_N
ClientSampleId :
EZYG9



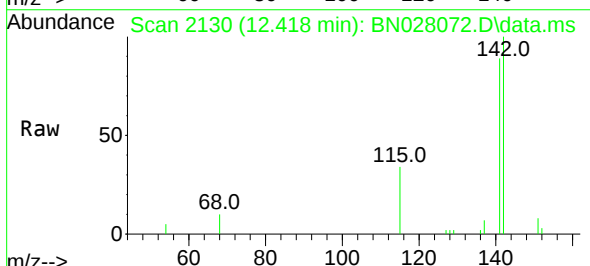
Tgt Ion:128 Resp: 7154
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 15.0 11.0 16.4

Manual Integrations
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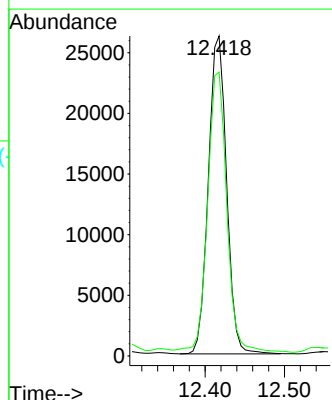
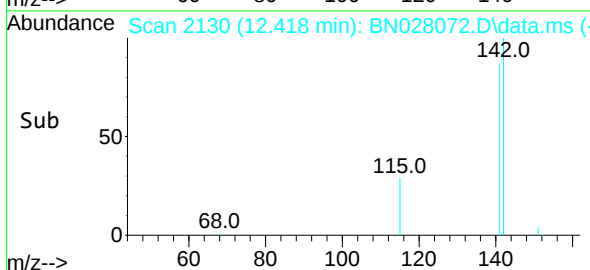
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

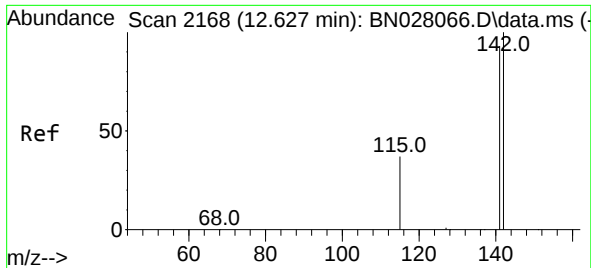


#7
2-Methylnaphthalene
Concen: 1.646 ng/ul
RT: 12.418 min Scan# 2130
Delta R.T. 0.005 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06



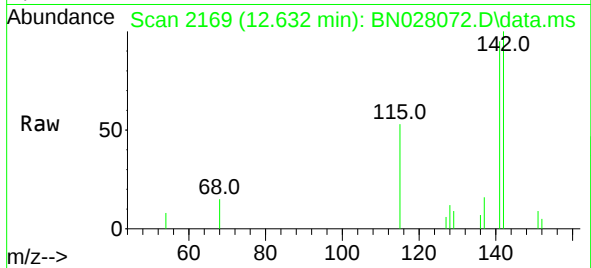
Tgt Ion:142 Resp: 41837
Ion Ratio Lower Upper
142 100
141 91.2 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.804 ng/u1
RT: 12.632 min Scan# 2168
Delta R.T. 0.005 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06

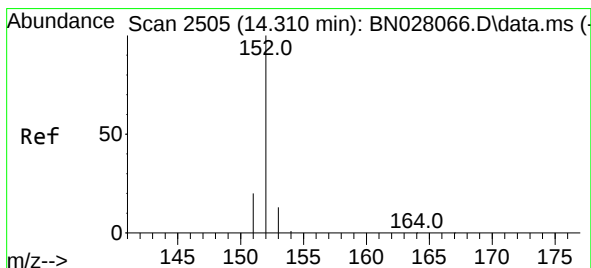
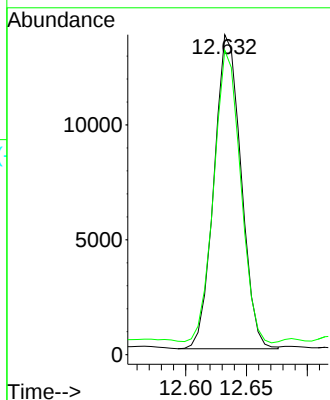
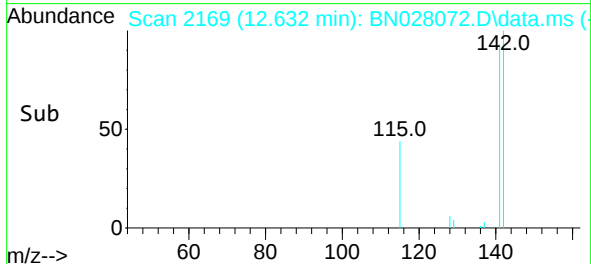
Instrument :
BNA_N
ClientSampleId :
EZYG9



Tgt Ion:142 Resp: 21148
Ion Ratio Lower Upper
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141 92.0 74.4 111.6

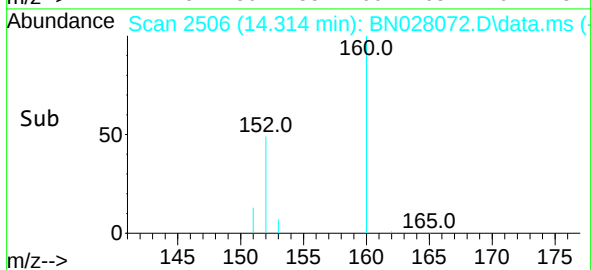
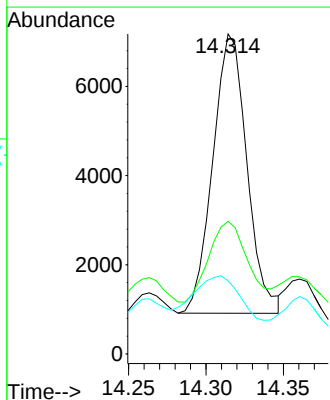
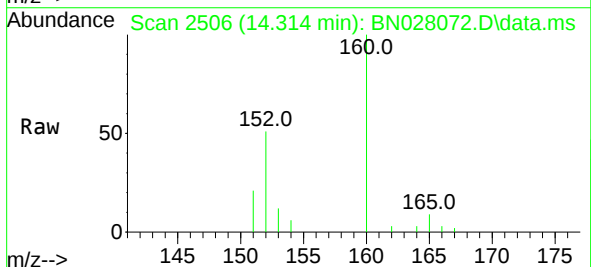
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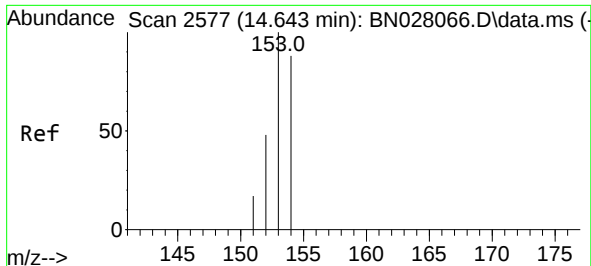
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#10
Acenaphthylene
Concen: 0.257 ng/u1
RT: 14.314 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06

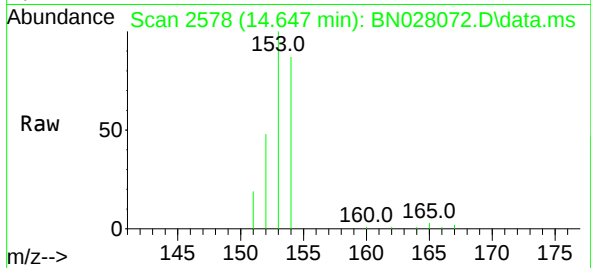
Tgt Ion:152 Resp: 9623
Ion Ratio Lower Upper
152 100
151 41.4 16.4 24.6#
153 22.9 10.9 16.3#





#11
Acenaphthene
Concen: 2.710 ng/ul
RT: 14.647 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06

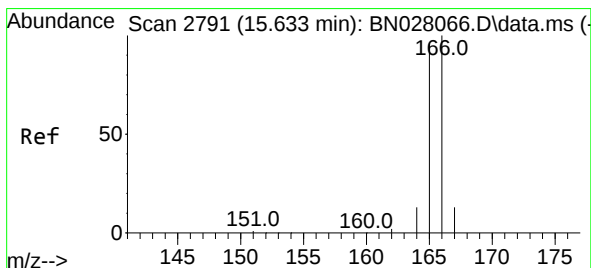
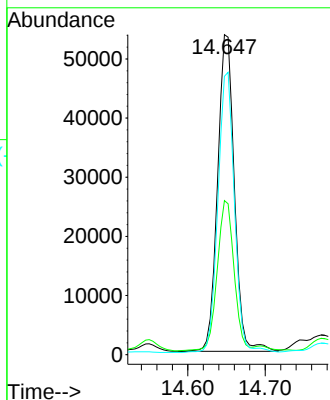
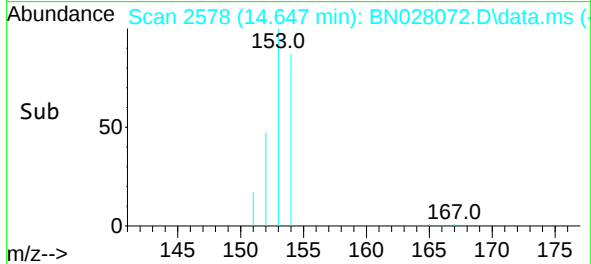
Instrument :
BNA_N
ClientSampleId :
EZYG9



Tgt Ion:153 Resp: 80692
Ion Ratio Lower Upper
153 100
152 48.1 39.4 59.0
154 87.0 70.2 105.4

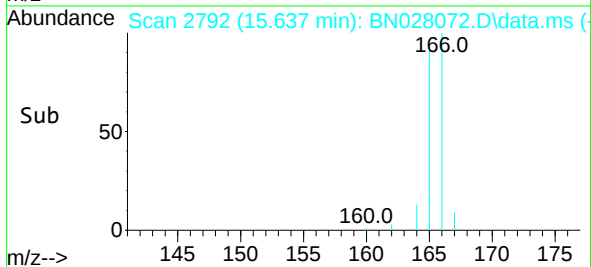
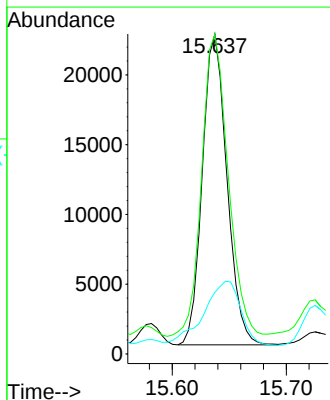
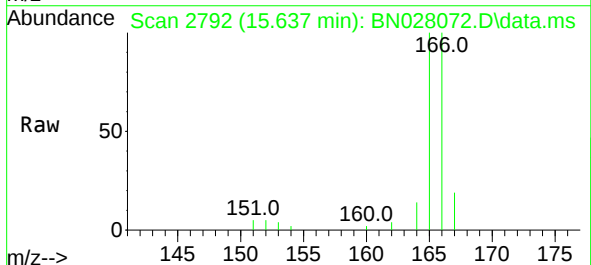
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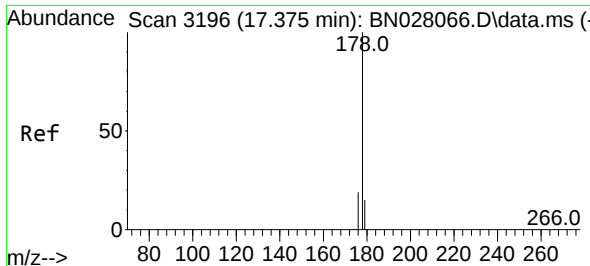
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#12
Fluorene
Concen: 1.006 ng/ul
RT: 15.637 min Scan# 2792
Delta R.T. 0.005 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06

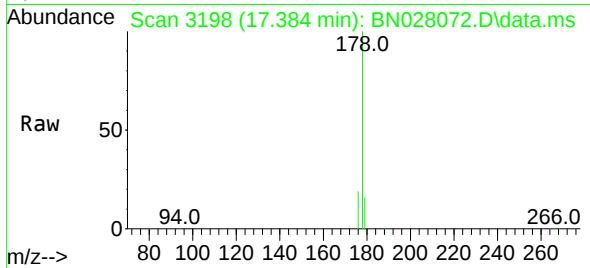
Tgt Ion:166 Resp: 33311
Ion Ratio Lower Upper
166 100
165 99.9 78.5 117.7
167 19.3 11.2 16.8#





#15
Phenanthrene
Concen: 29.496 ng/u1
RT: 17.384 min Scan# 3196
Delta R.T. 0.008 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06

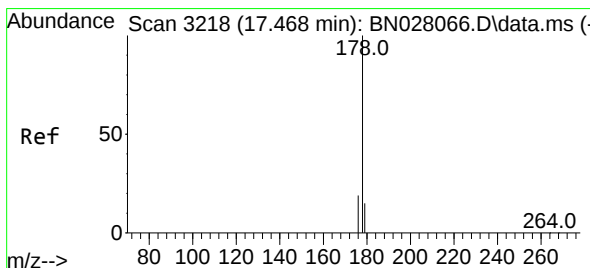
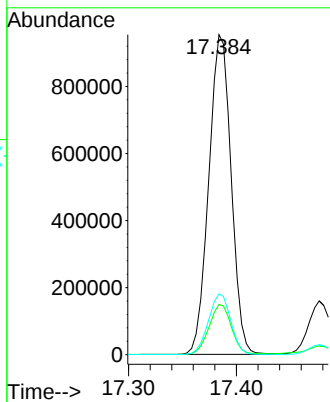
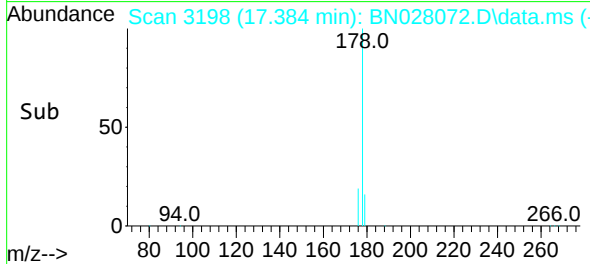
Instrument :
BNA_N
ClientSampleId :
EZYG9



Tgt Ion:178 Resp: 1372988
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.0 15.5 23.3

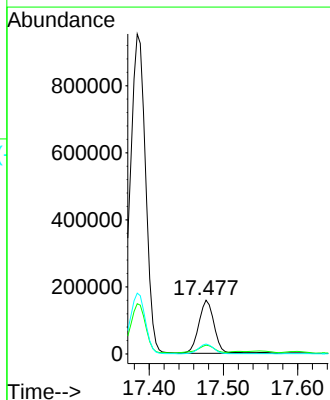
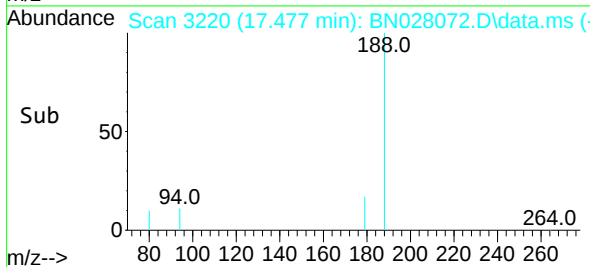
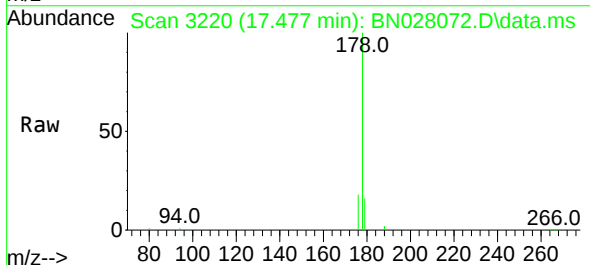
Manual Integrations
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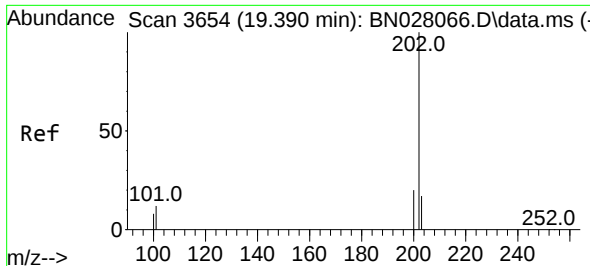
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#16
Anthracene
Concen: 5.502 ng/u1
RT: 17.477 min Scan# 3220
Delta R.T. 0.008 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06

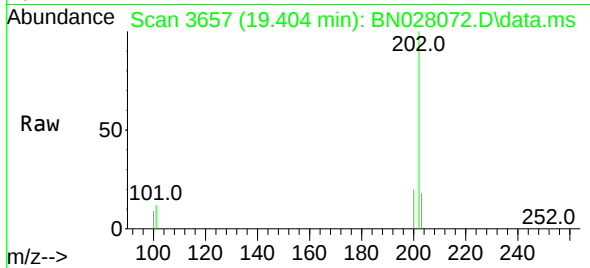
Tgt Ion:178 Resp: 229126
Ion Ratio Lower Upper
178 100
179 16.4 12.8 19.2
176 18.4 15.0 22.6





#19
Fluoranthene
Concen: 59.349 ng/ul
RT: 19.404 min Scan# 30
Delta R.T. 0.014 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06

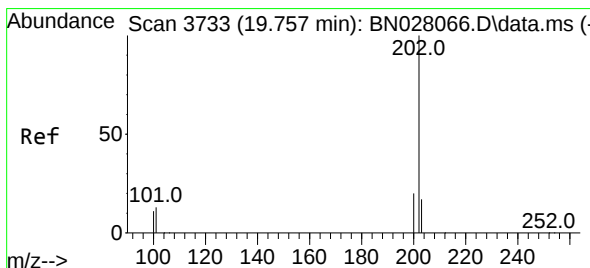
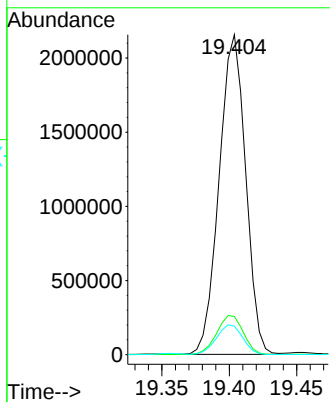
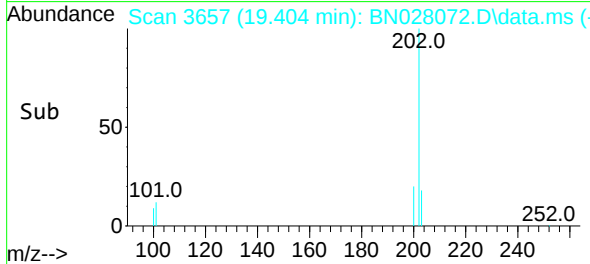
Instrument :
BNA_N
ClientSampleId :
EZYG9



Tgt Ion:202 Resp: 2947425
Ion Ratio Lower Upper
202 100
101 11.9 9.6 14.4
100 8.9 7.4 11.0

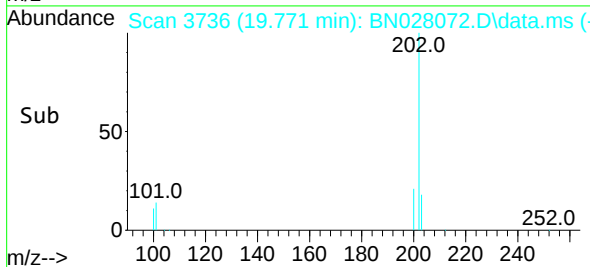
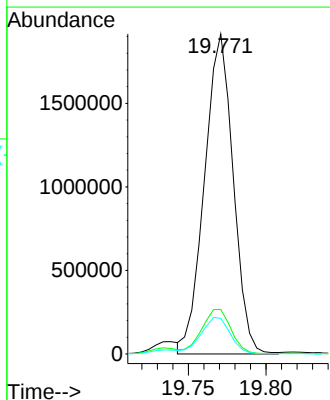
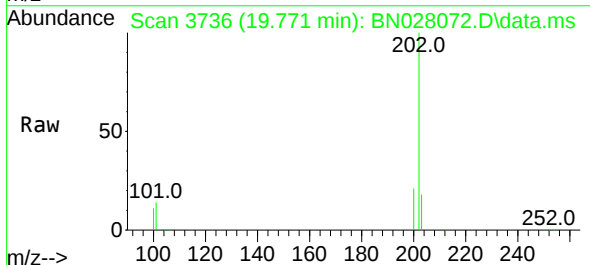
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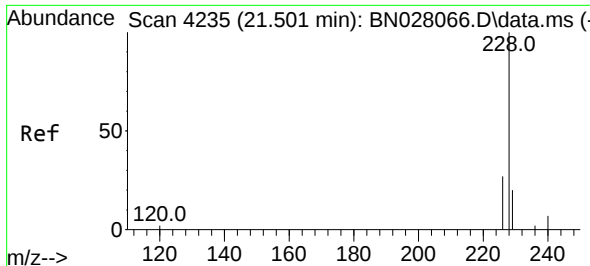
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#20
Pyrene
Concen: 47.853 ng/ul m
RT: 19.771 min Scan# 3736
Delta R.T. 0.014 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06

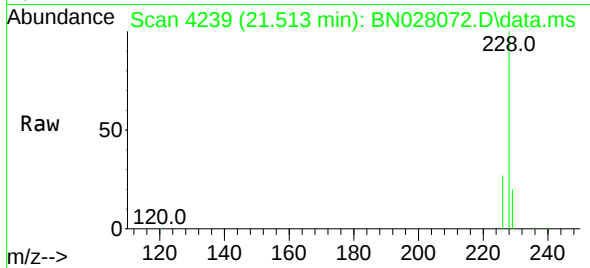
Tgt Ion:202 Resp: 2463091
Ion Ratio Lower Upper
202 100
101 13.9 11.2 16.8
100 11.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 34.908 ng/u1
RT: 21.513 min Scan# 4239
Delta R.T. 0.012 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06

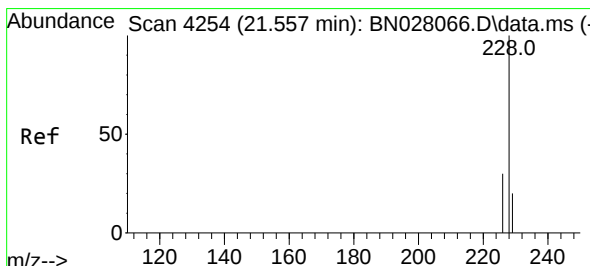
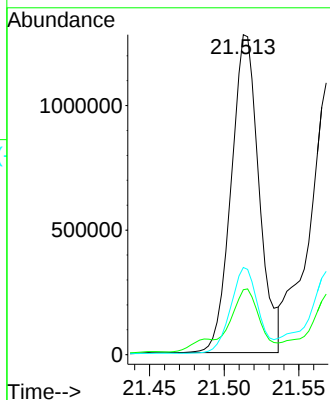
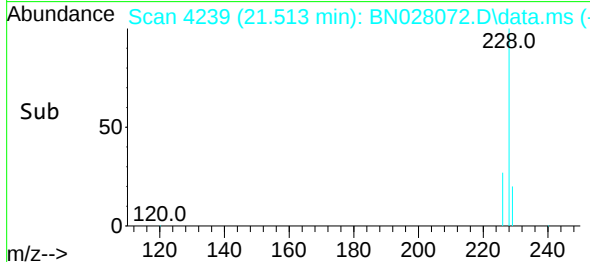
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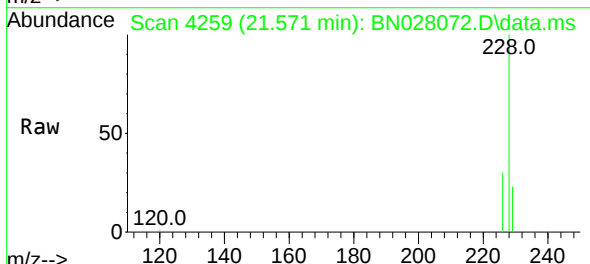
Tgt Ion:228 Resp: 165766
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 27.2 21.5 32.3

Manual Integrations
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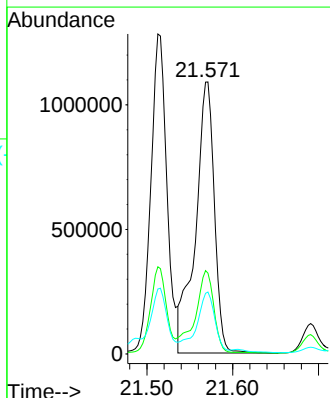
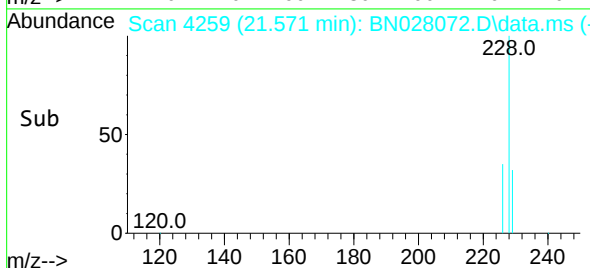
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

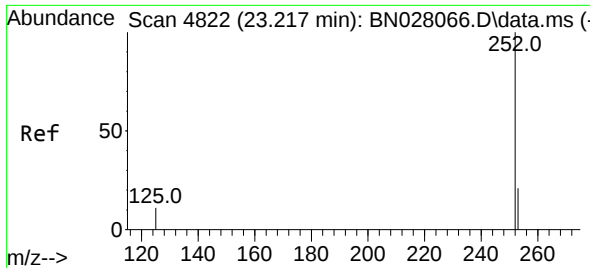


#22
Chrysene
Concen: 34.696 ng/u1
RT: 21.571 min Scan# 4259
Delta R.T. 0.015 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06



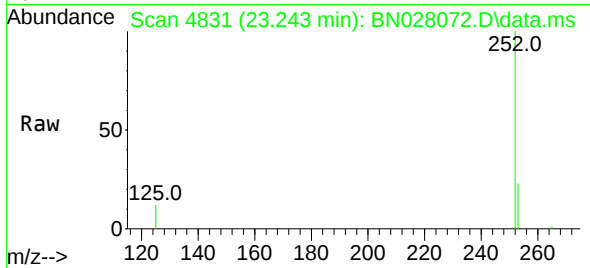
Tgt Ion:228 Resp: 1663993
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.8
229 22.7 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 37.209 ng/ul m
RT: 23.243 min Scan# 4831
Delta R.T. 0.026 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06

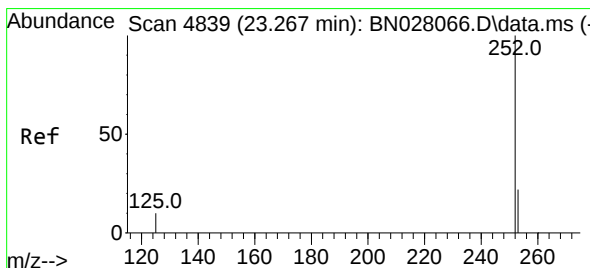
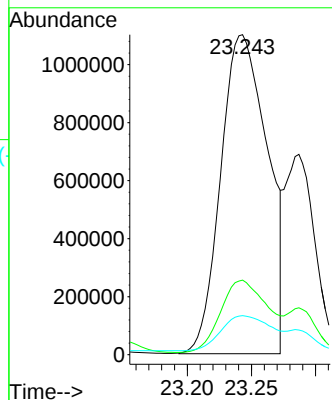
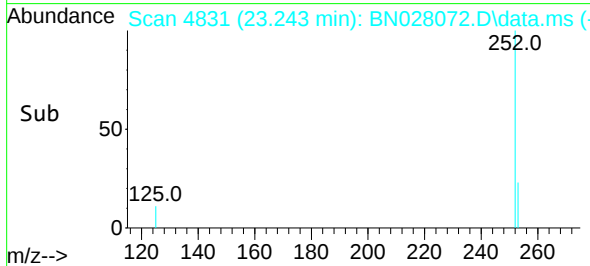
Instrument :
BNA_N
ClientSampleId :
EZYG9



Tgt Ion:252 Resp: 2786379
Ion Ratio Lower Upper
252 100
253 23.3 0.0 54.0
125 12.2 0.0 31.4

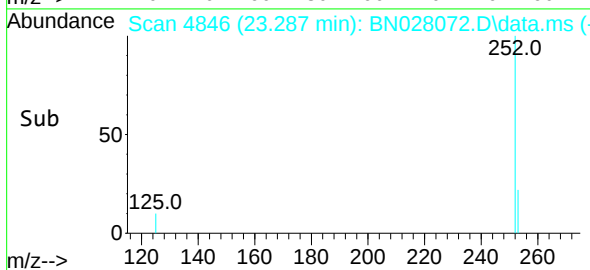
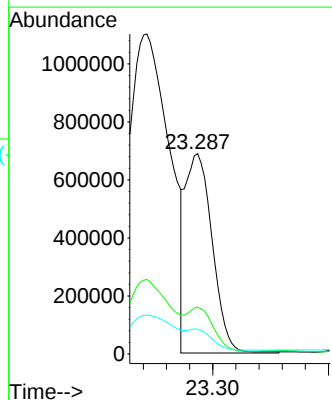
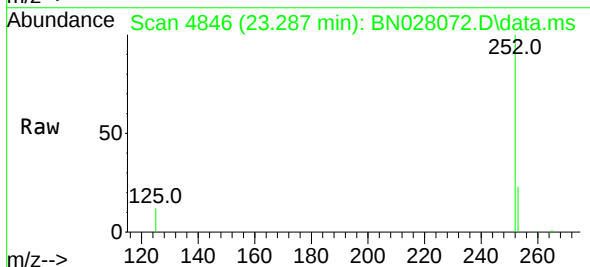
Manual Integrations
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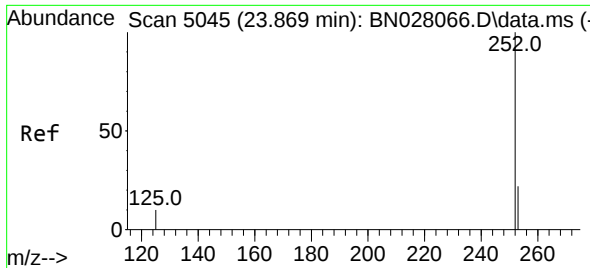
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#25
Benzo(k)fluoranthene
Concen: 14.968 ng/ul m
RT: 23.287 min Scan# 4846
Delta R.T. 0.020 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06

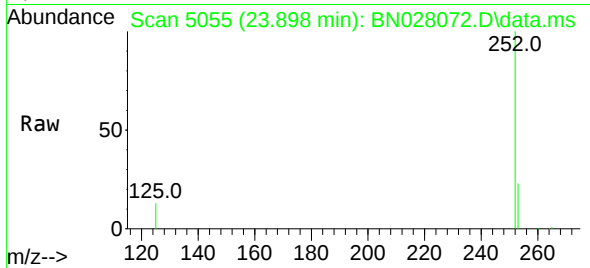
Tgt Ion:252 Resp: 1115319
Ion Ratio Lower Upper
252 100
253 23.4 21.8 32.8
125 12.3 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 33.417 ng/ul
RT: 23.898 min Scan# 5045
Delta R.T. 0.029 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06

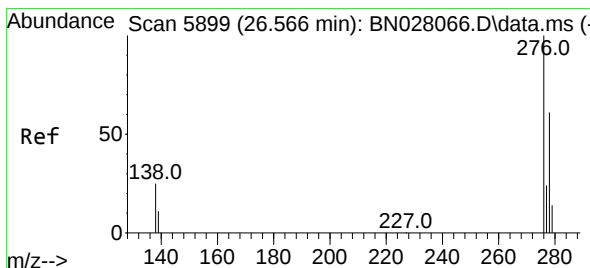
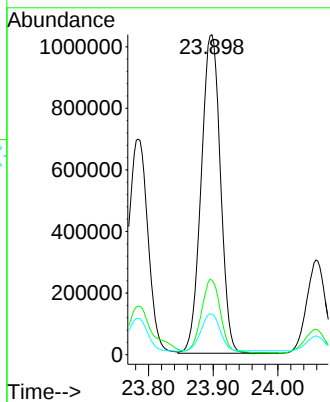
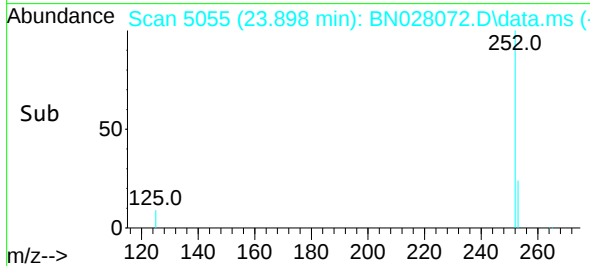
Instrument :
BNA_N
ClientSampleId :
EZYG9



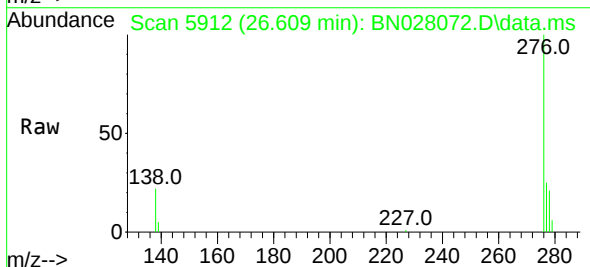
Tgt Ion:252 Resp: 2133620
Ion Ratio Lower Upper
252 100
253 23.2 23.4 35.2
125 12.7 15.3 22.9

Manual Integrations
APPROVED

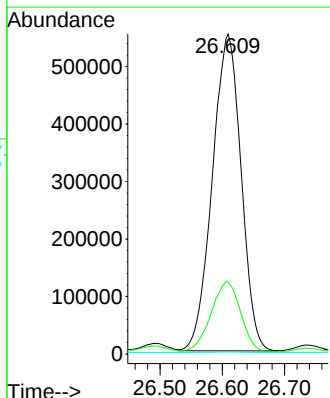
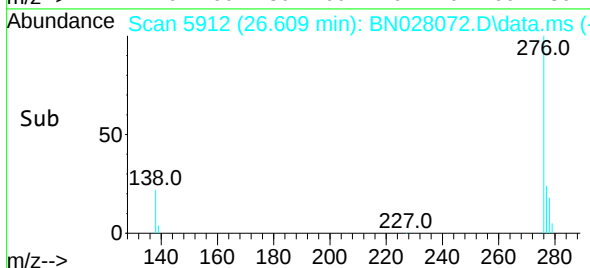
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

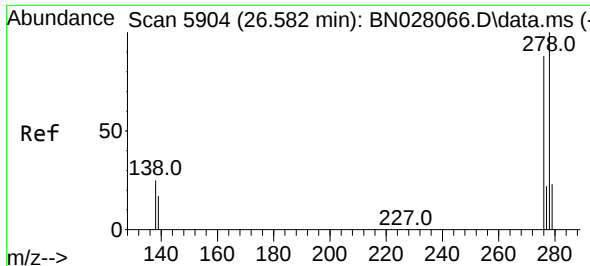


#27
Indeno(1,2,3-cd)pyrene
Concen: 22.857 ng/ul
RT: 26.609 min Scan# 5912
Delta R.T. 0.044 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06



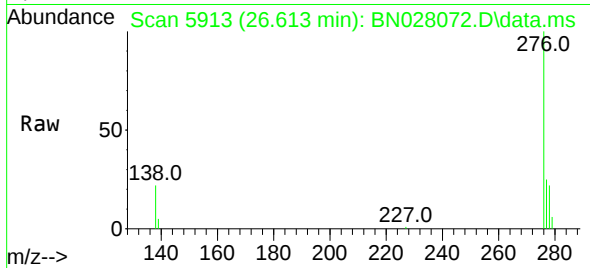
Tgt Ion:276 Resp: 1765852
Ion Ratio Lower Upper
276 100
138 22.7 21.6 32.4
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 7.569 ng/ul
RT: 26.613 min Scan# 5904
Delta R.T. 0.030 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06

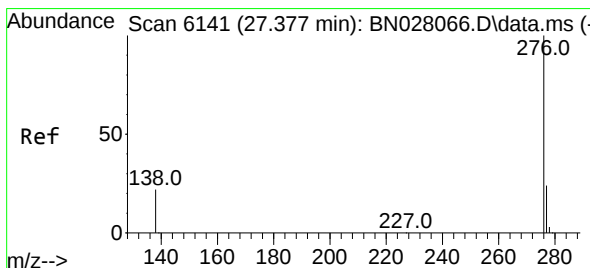
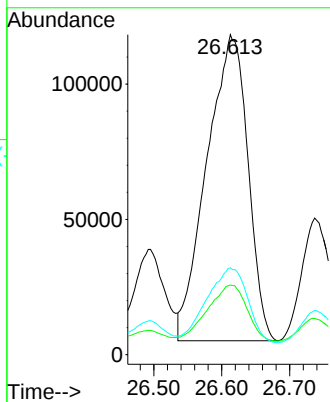
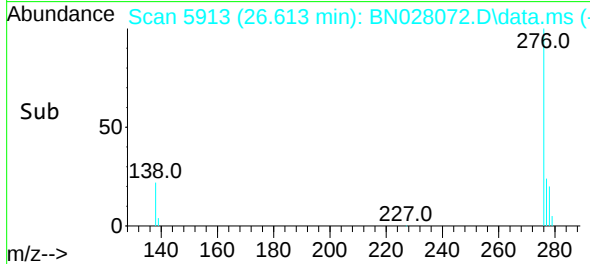
Instrument :
BNA_N
ClientSampleId :
EZYG9



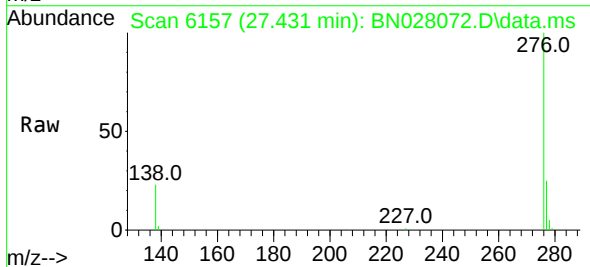
Tgt Ion:278 Resp: 475632
Ion Ratio Lower Upper
278 100
139 21.8 15.9 23.9
279 27.2 22.8 34.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#29
Benzo(g,h,i)perylene
Concen: 27.461 ng/ul
RT: 27.431 min Scan# 6157
Delta R.T. 0.054 min
Lab File: BN028072.D
Acq: 06 Oct 2023 06:06



Tgt Ion:276 Resp: 1734612
Ion Ratio Lower Upper
276 100
138 23.1 19.8 29.6
277 25.3 20.6 31.0

