

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032895.D
 Acq On : 22 Jul 2024 16:11
 Operator : MA/JU
 Sample : P3215-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D26

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 16:55:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	4041	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.288	136	13187	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.174	164	8526	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.931	188	14973m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.153	240	13777m	0.400	ng/ul	-0.01
23) Perylene-d12	23.345	264	17829m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	15094	3.111	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.889	152	4354	0.218	ng/ul	-0.04
18) Fluoranthene-d10	18.975	212	8783m	0.196	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.338	128	46551	1.315	ng/ul	98
7) 2-Methylnaphthalene	11.965	142	42488	1.922	ng/ul	96
8) 1-Methylnaphthalene	12.185	142	43754	1.914	ng/ul	99
10) Acenaphthylene	13.892	152	34788	1.010	ng/ul#	95
11) Acenaphthene	14.234	153	6472	0.227	ng/ul	97
12) Fluorene	15.234	166	7408m	0.227	ng/ul	
15) Phenanthrene	16.974	178	278269m	6.824	ng/ul	
16) Anthracene	17.066	178	38861m	1.166	ng/ul	
19) Fluoranthene	19.008	202	469080m	8.374	ng/ul	
20) Pyrene	19.375	202	278317m	4.800	ng/ul	
21) Benzo(a)anthracene	21.135	228	231205m	5.272	ng/ul	
22) Chrysene	21.188	228	351954m	5.548	ng/ul	
24) Benzo(b)fluoranthene	22.690	252	392266m	6.236	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	117740m	1.536	ng/ul	
26) Benzo(a)pyrene	23.248	252	99551m	1.829	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.549	276	107139m	1.453	ng/ul	
28) Dibenzo(a,h)anthracene	25.542	278	58500m	1.024	ng/ul	
29) Benzo(g,h,i)perylene	26.230	276	17574m	0.285	ng/ul	

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

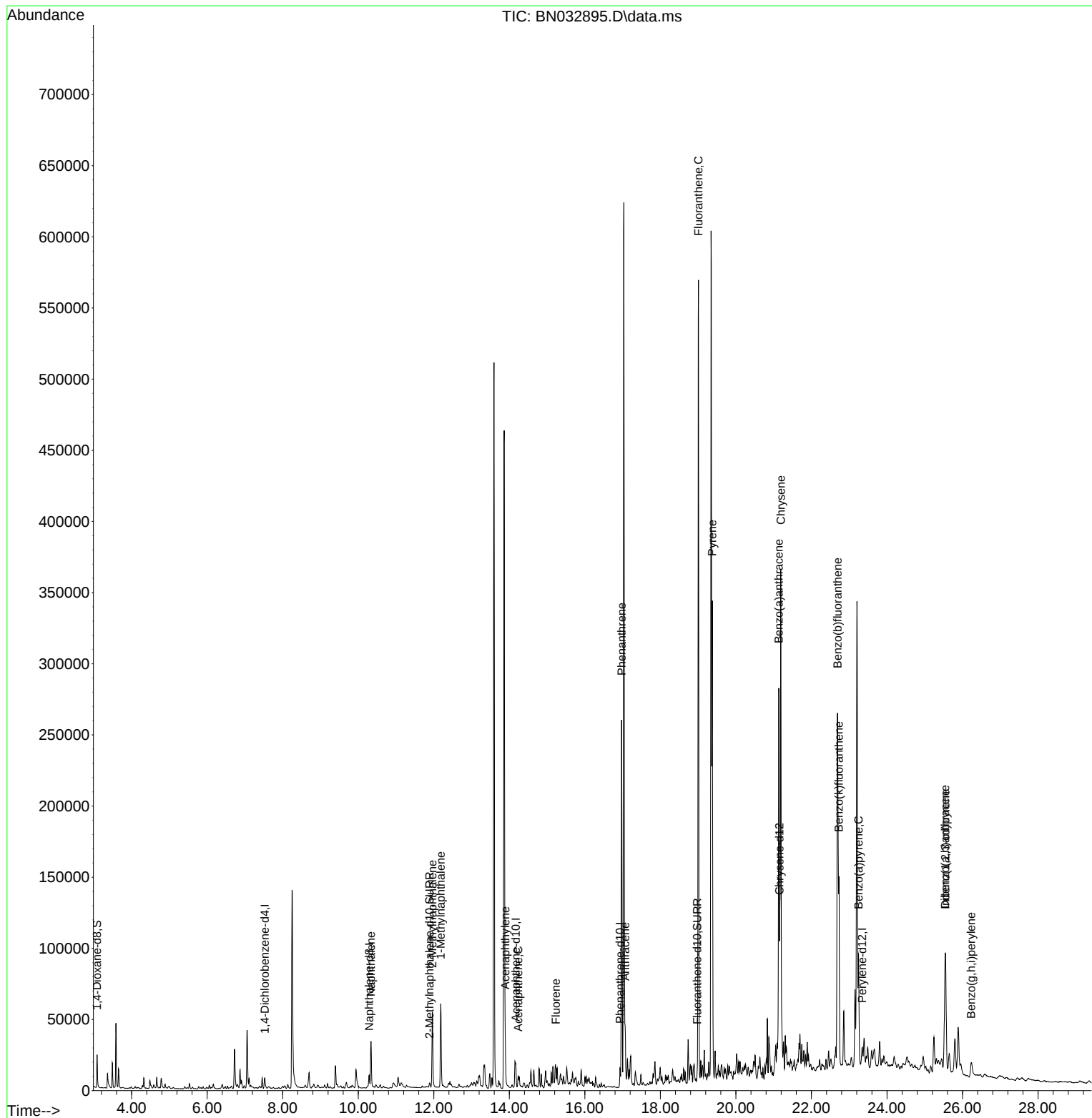
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032895.D
Acq On : 22 Jul 2024 16:11
Operator : MA/JU
Sample : P3215-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

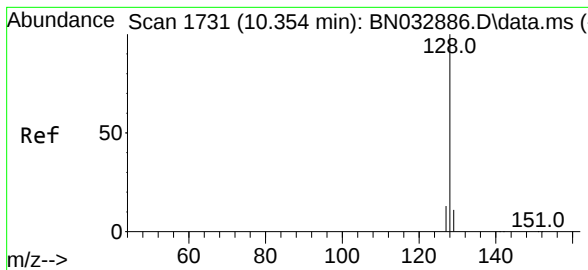
Instrument :
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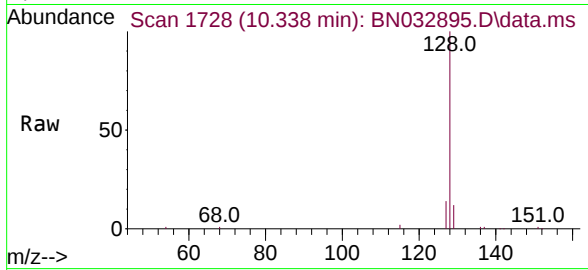
Quant Time: Jul 22 16:55:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.315 ng/ul
RT: 10.338 min Scan# 1731
Delta R.T. -0.026 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11

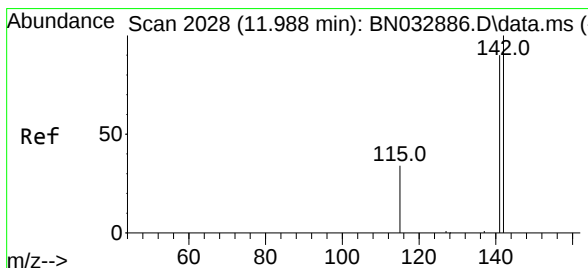
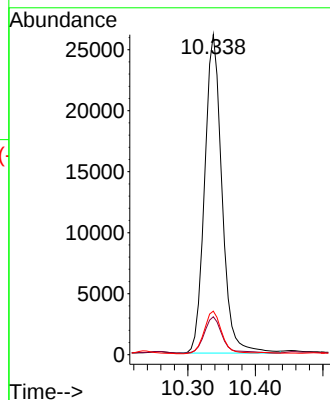
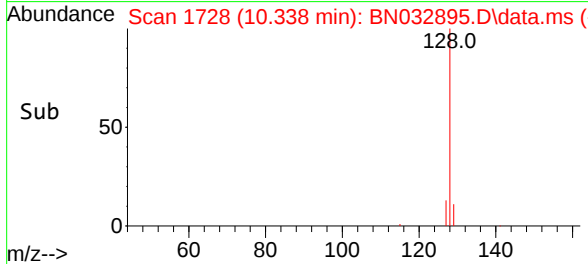
Instrument :
BNA_N
ClientSampleId :
A4D26



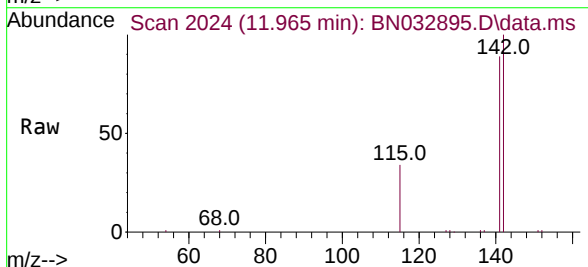
Tgt Ion:128 Resp: 4655
Ion Ratio Lower Upper
128 100
129 11.8 10.0 15.0
127 13.6 11.6 17.4

Manual Integrations
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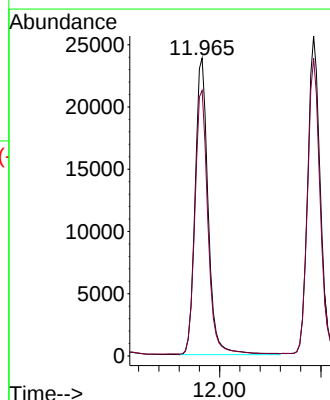
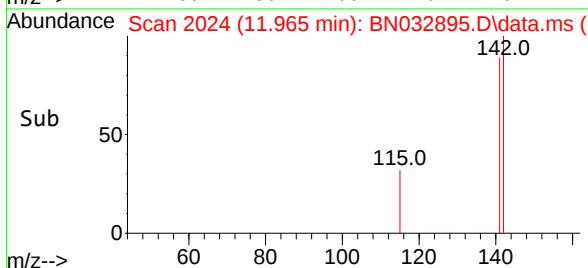
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

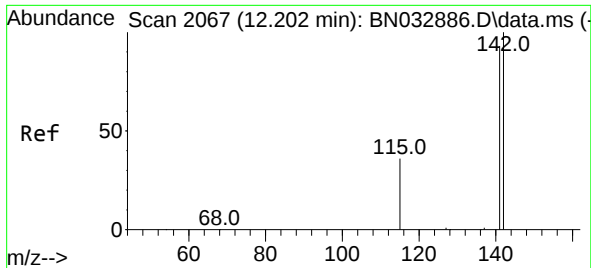


#7
2-Methylnaphthalene
Concen: 1.922 ng/ul
RT: 11.965 min Scan# 2024
Delta R.T. -0.032 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11



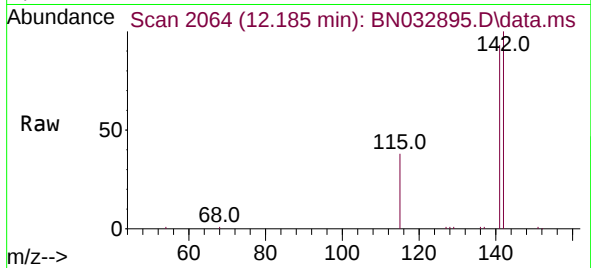
Tgt Ion:142 Resp: 42488
Ion Ratio Lower Upper
142 100
141 88.8 74.0 111.0





#8
1-Methylnaphthalene
Concen: 1.914 ng/ul
RT: 12.185 min Scan# 2064
Delta R.T. -0.026 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11

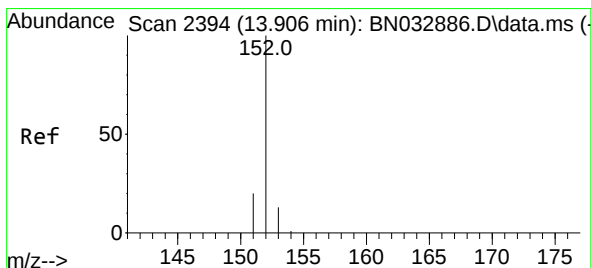
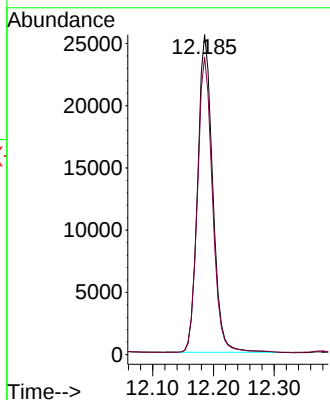
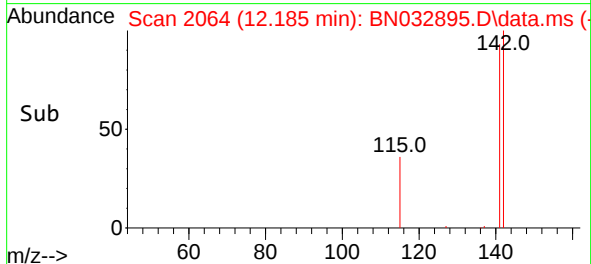
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 43754
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4

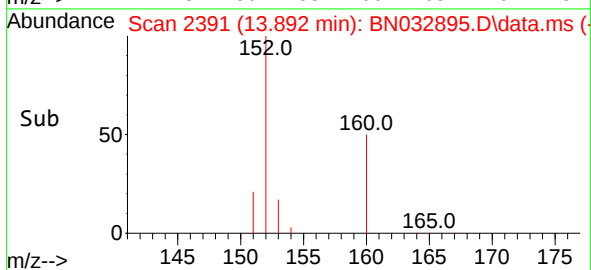
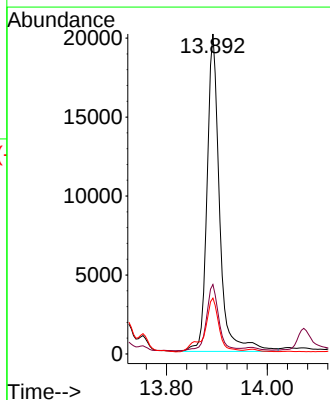
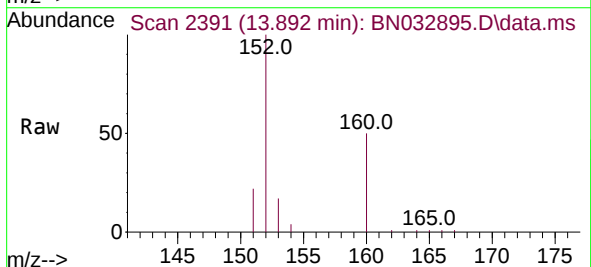
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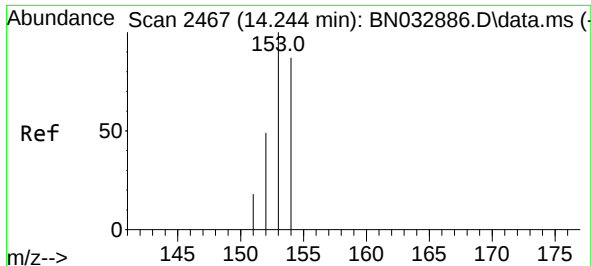
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 1.010 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11

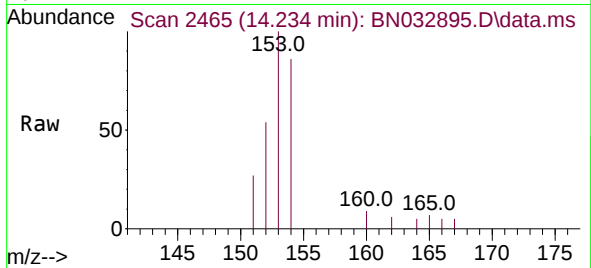
Tgt Ion:152 Resp: 34788
Ion Ratio Lower Upper
152 100
151 21.7 16.3 24.5
153 17.5 11.3 16.9#





#11
Acenaphthene
Concen: 0.227 ng/ul
RT: 14.234 min Scan# 2467
Delta R.T. -0.017 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11

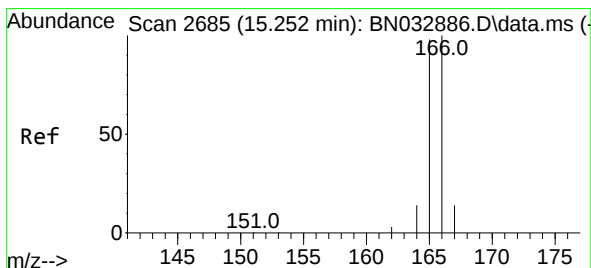
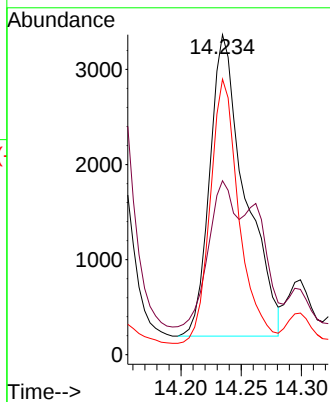
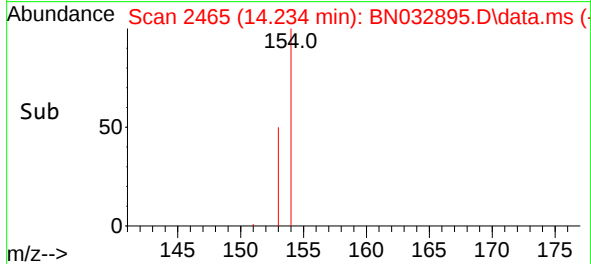
Instrument :
BNA_N
ClientSampleId :
A4D26



Tgt Ion:153 Resp: 6472
Ion Ratio Lower Upper
153 100
152 54.4 40.0 60.0
154 86.1 70.2 105.4

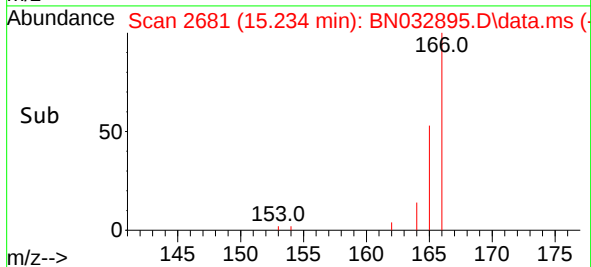
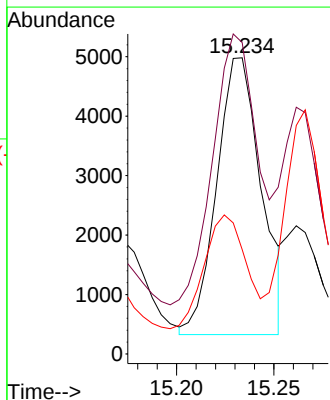
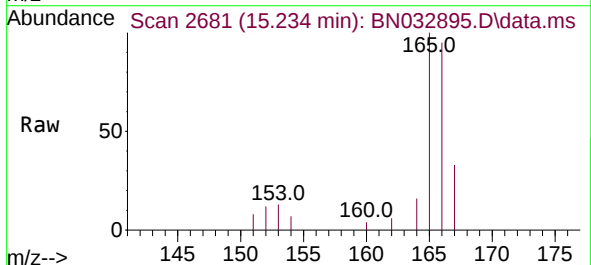
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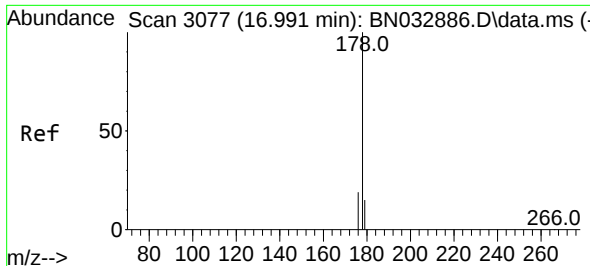
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 0.227 ng/ul m
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11

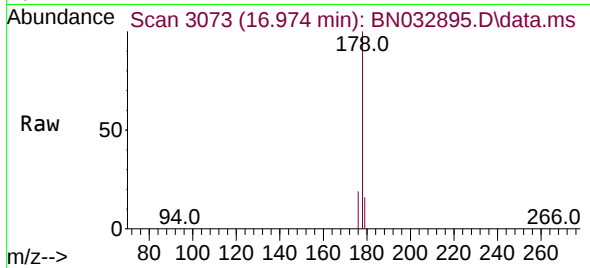
Tgt Ion:166 Resp: 7408
Ion Ratio Lower Upper
166 100
165 105.2 79.7 119.5
167 35.2 11.4 17.2#





#15
Phenanthrene
Concen: 6.824 ng/ul m
RT: 16.974 min Scan# 3073
Delta R.T. -0.028 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11

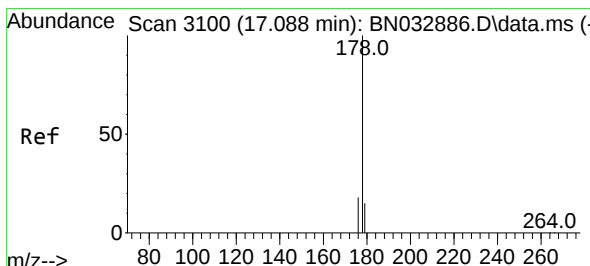
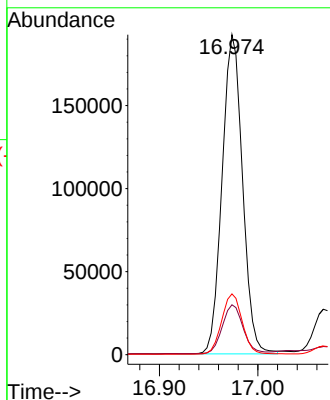
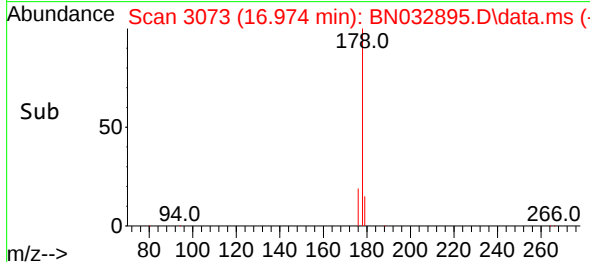
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ClientSampleId :
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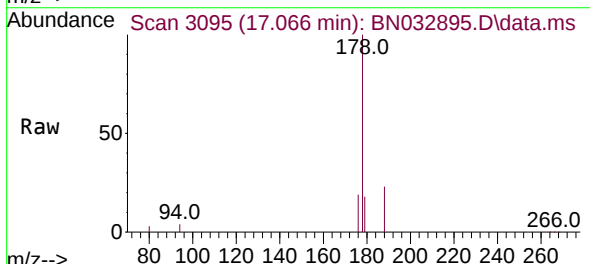
Tgt Ion:178 Resp: 278269
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.0 15.6 23.4

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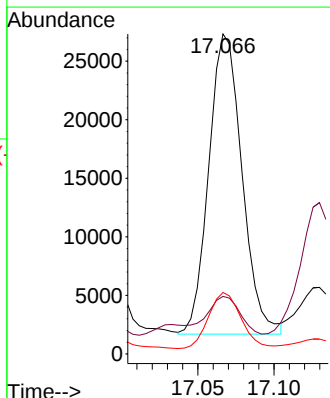
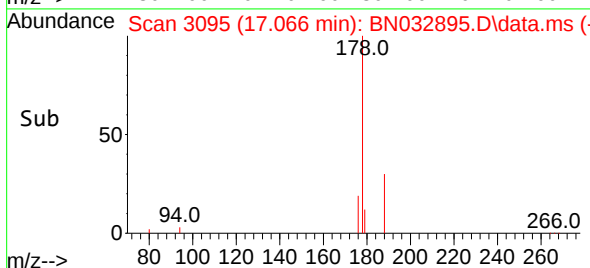
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

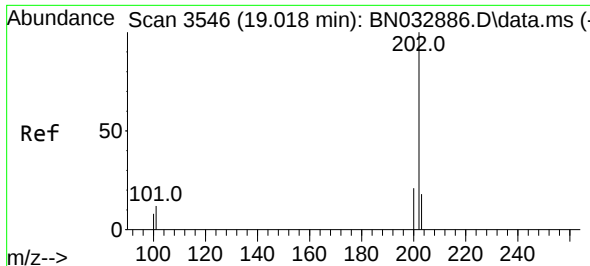


#16
Anthracene
Concen: 1.166 ng/ul m
RT: 17.066 min Scan# 3095
Delta R.T. -0.032 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11



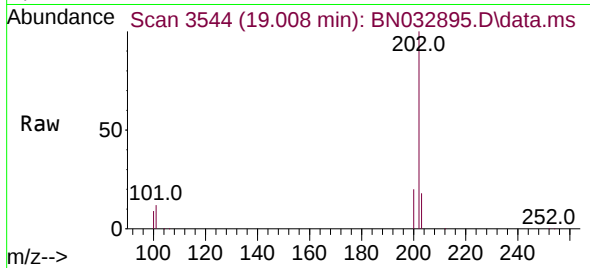
Tgt Ion:178 Resp: 38861
Ion Ratio Lower Upper
178 100
179 18.0 13.4 20.2
176 19.2 15.4 23.0





#19
Fluoranthene
Concen: 8.374 ng/ul m
RT: 19.008 min Scan# 3544
Delta R.T. -0.017 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11

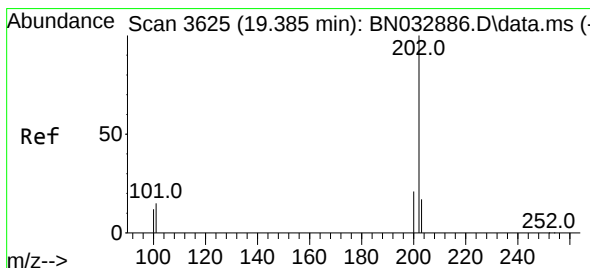
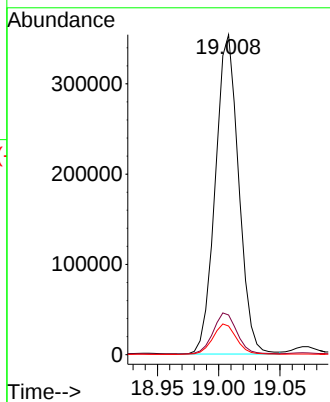
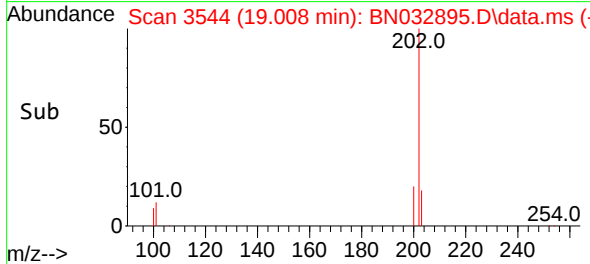
Instrument :
BNA_N
ClientSampleId :
A4D26



Tgt Ion:202 Resp: 469080
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 8.9 7.9 11.9

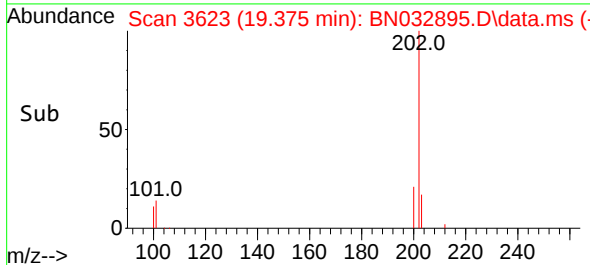
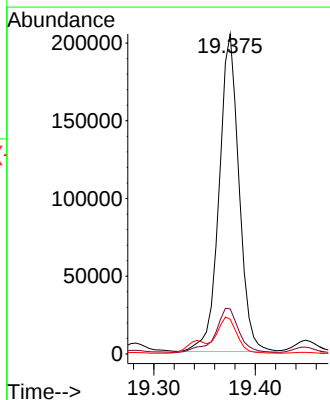
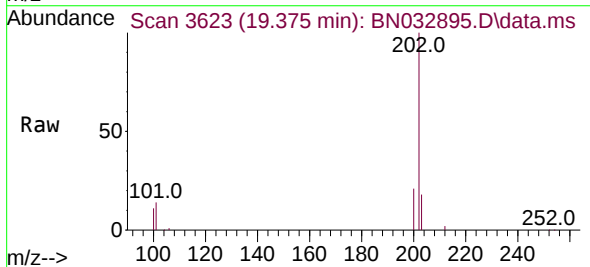
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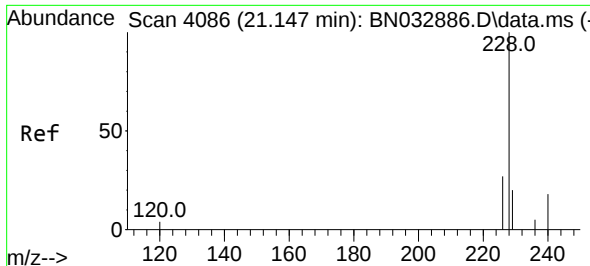
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#20
Pyrene
Concen: 4.800 ng/ul m
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11

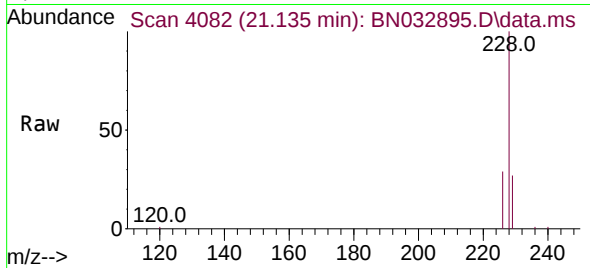
Tgt Ion:202 Resp: 278317
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 10.8 9.6 14.4





#21
Benzo(a)anthracene
Concen: 5.272 ng/ul m
RT: 21.135 min Scan# 4086
Delta R.T. -0.015 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11

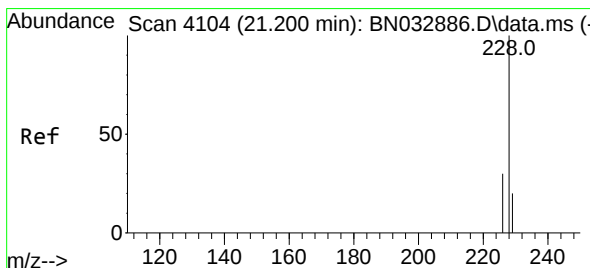
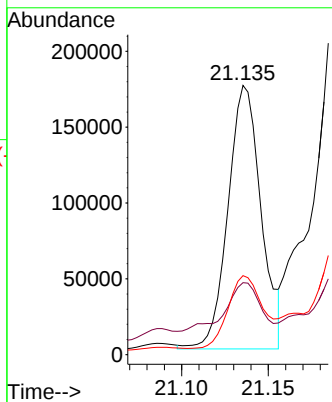
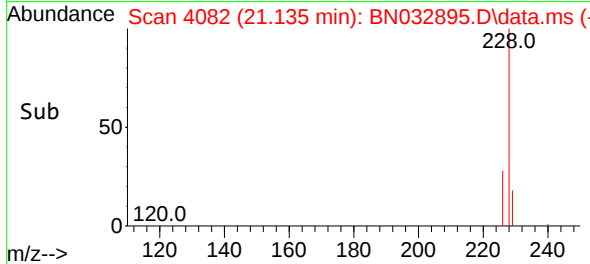
Instrument :
BNA_N
ClientSampleId :
A4D26



Tgt Ion:228 Resp: 231205
Ion Ratio Lower Upper
228 100
229 26.7 16.1 24.1
226 29.3 21.9 32.9

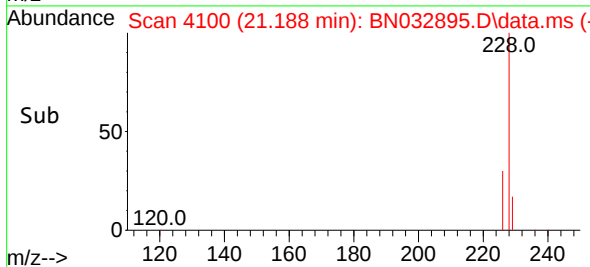
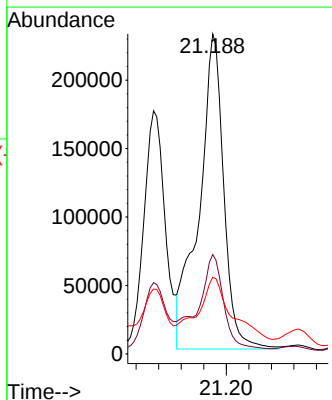
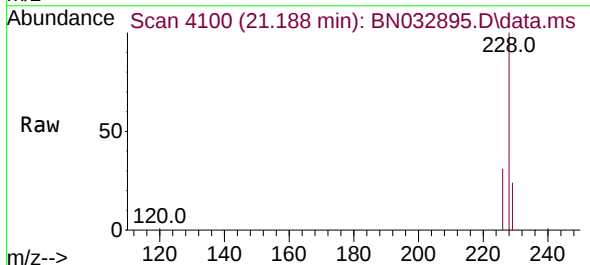
Manual Integrations
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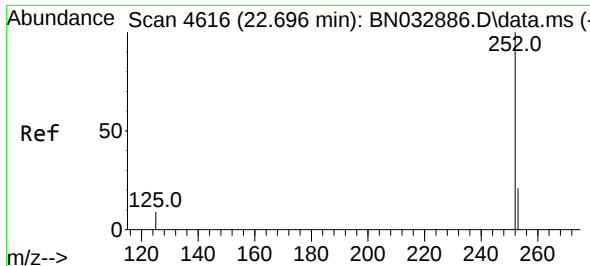
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 5.548 ng/ul m
RT: 21.188 min Scan# 4100
Delta R.T. -0.015 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11

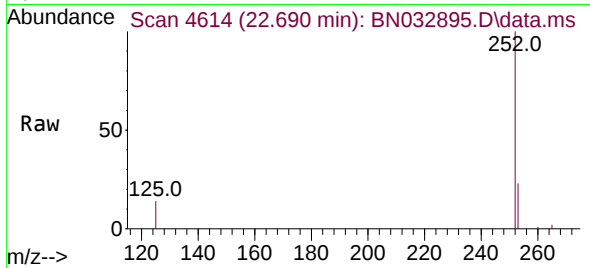
Tgt Ion:228 Resp: 351954
Ion Ratio Lower Upper
228 100
226 31.1 24.0 36.0
229 24.0 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 6.236 ng/ul m
RT: 22.690 min Scan# 4616
Delta R.T. -0.009 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11

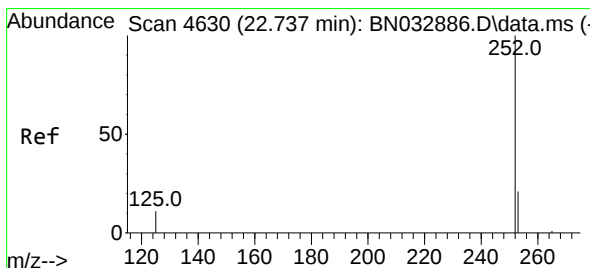
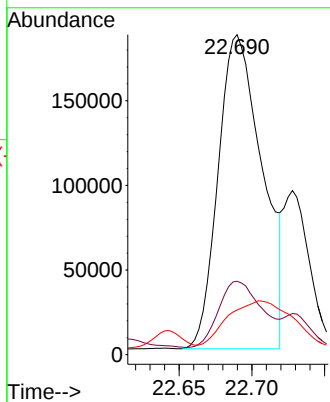
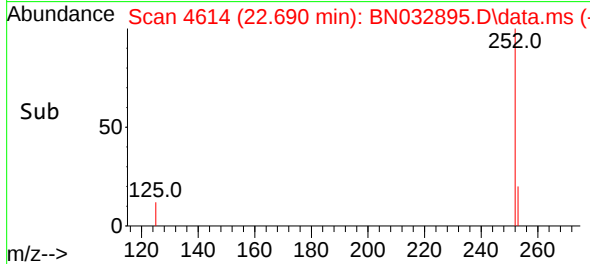
Instrument :
BNA_N
ClientSampleId :
A4D26



Tgt Ion:252 Resp: 392260
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 13.9 0.0 36.0

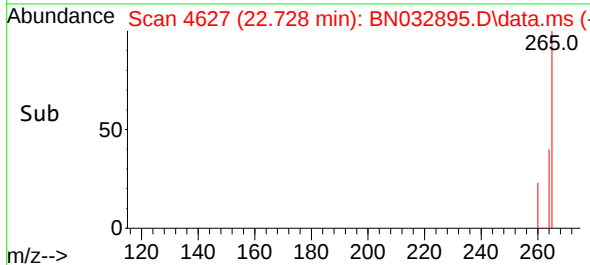
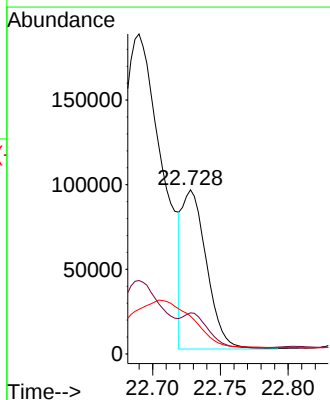
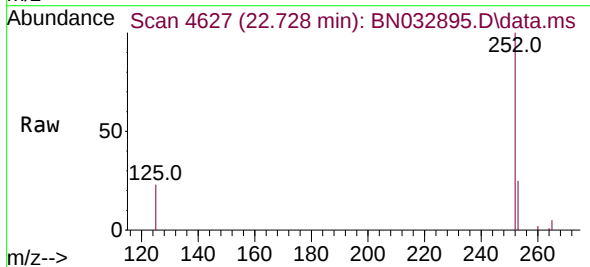
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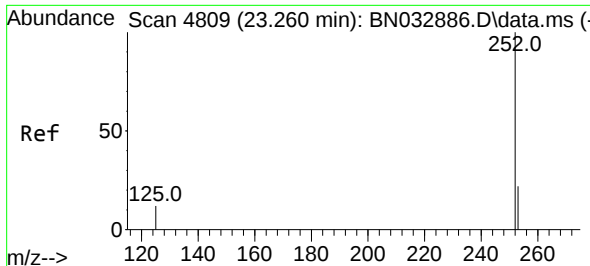
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#25
Benzo(k)fluoranthene
Concen: 1.536 ng/ul m
RT: 22.728 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11

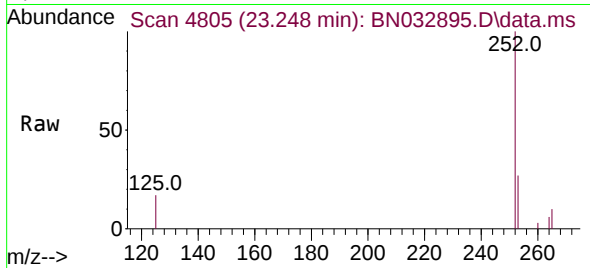
Tgt Ion:252 Resp: 117740
Ion Ratio Lower Upper
252 100
253 25.1 21.2 31.8
125 23.0 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 1.829 ng/ul m
RT: 23.248 min Scan# 4809
Delta R.T. -0.015 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11

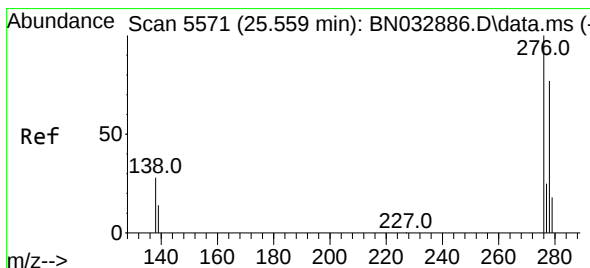
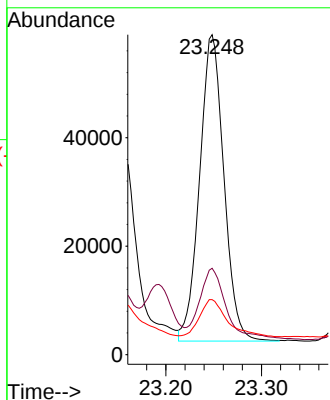
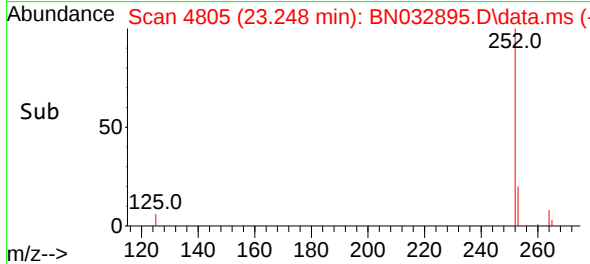
Instrument :
BNA_N
ClientSampleId :
A4D26



Tgt Ion:252 Resp: 9955
Ion Ratio Lower Upper
252 100
253 27.0 25.4 38.0
125 17.2 20.6 30.8

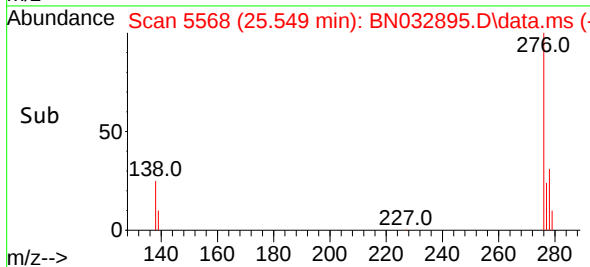
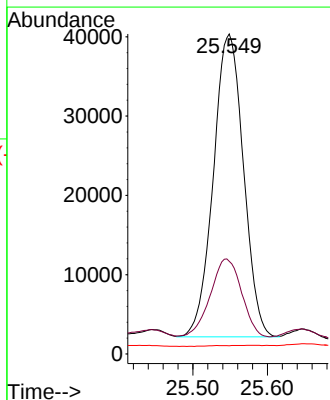
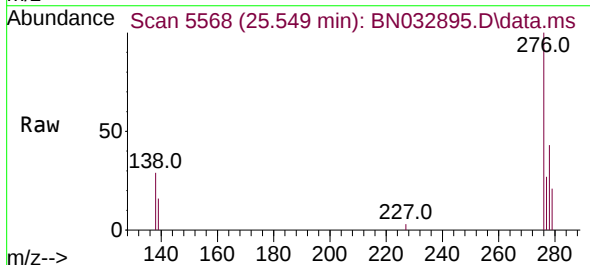
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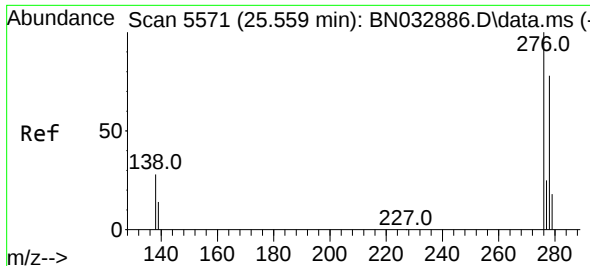
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.453 ng/ul m
RT: 25.549 min Scan# 5568
Delta R.T. -0.020 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11

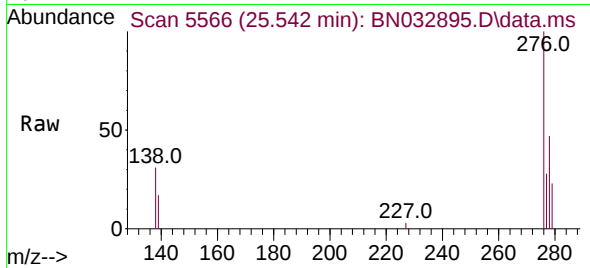
Tgt Ion:276 Resp: 107139
Ion Ratio Lower Upper
276 100
138 5.1 21.6 32.4#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.024 ng/ul m
RT: 25.542 min Scan# 5566
Delta R.T. -0.027 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11

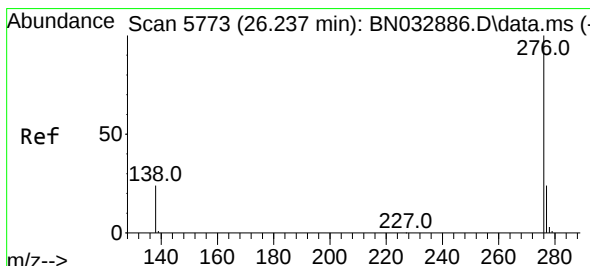
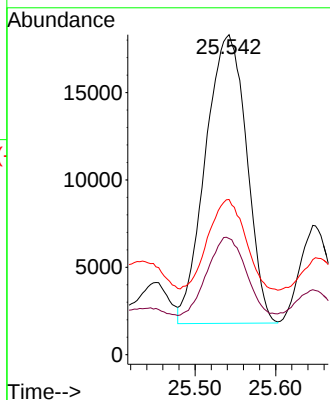
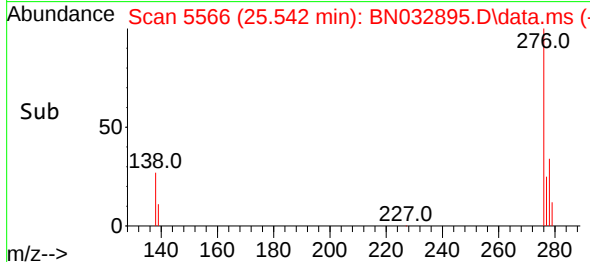
Instrument :
BNA_N
ClientSampleId :
A4D26



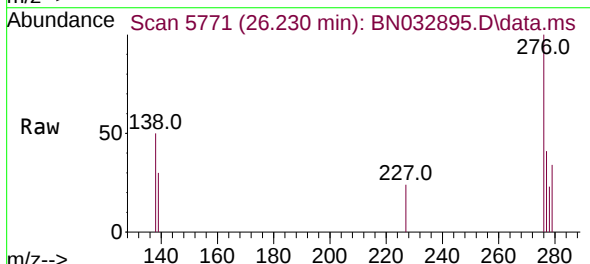
Tgt Ion:278 Resp: 58500
Ion Ratio Lower Upper
278 100
139 36.3 16.6 24.8
279 48.5 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#29
Benzo(g,h,i)perylene
Concen: 0.285 ng/ul m
RT: 26.230 min Scan# 5771
Delta R.T. -0.020 min
Lab File: BN032895.D
Acq: 22 Jul 2024 16:11



Tgt Ion:276 Resp: 17574
Ion Ratio Lower Upper
276 100
138 50.0 21.0 31.4#
277 40.7 20.6 31.0#

