

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022261.D
 Acq On : 21 Oct 2022 19:25
 Operator : CG/JU
 Sample : N5064-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BH5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 21 22:41:38 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 23:32:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	4283	0.400	ng/ul	0.00
4) Naphthalene-d8	10.777	136	14403	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.622	164	8186	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.377	188	16043	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	8201	0.400	ng/ul	# 0.00
23) Perylene-d12	24.038	264	7578	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	17924	3.220	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	5238	0.240	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	9355	0.340	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.826	128	45302	1.065	ng/ul	99
7) 2-Methylnaphthalene	12.443	142	33669	1.256	ng/ul	99
8) 1-Methylnaphthalene	12.663	142	29918	1.085	ng/ul	100
10) Acenaphthylene	14.340	152	137092	3.731	ng/ul	100
11) Acenaphthene	14.682	153	6861	0.221	ng/ul	98
12) Fluorene	15.672	166	24543	0.682	ng/ul	99
14) Pentachlorophenol	17.027	266	234	0.061	ng/ul	97
15) Phenanthrene	17.419	178	672859	12.493	ng/ul	99
16) Anthracene	17.508	178	89330	1.968	ng/ul	99
19) Fluoranthene	19.443	202	890521	23.707	ng/ul	99
20) Pyrene	19.806	202	702664	18.620	ng/ul	97
21) Benzo(a)anthracene	21.559	228	288313	9.383	ng/ul	96
22) Chrysene	21.614	228	366537	11.254	ng/ul	98
24) Benzo(b)fluoranthene	23.283	252	504399m	13.255	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	154830m	4.184	ng/ul	
26) Benzo(a)pyrene	23.927	252	289274	9.535	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.619	276	298261	7.909	ng/ul	92
28) Dibenzo(a,h)anthracene	26.632	278	77502	2.572	ng/ul	97
29) Benzo(g,h,i)perylene	27.417	276	258500	8.413	ng/ul	97

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

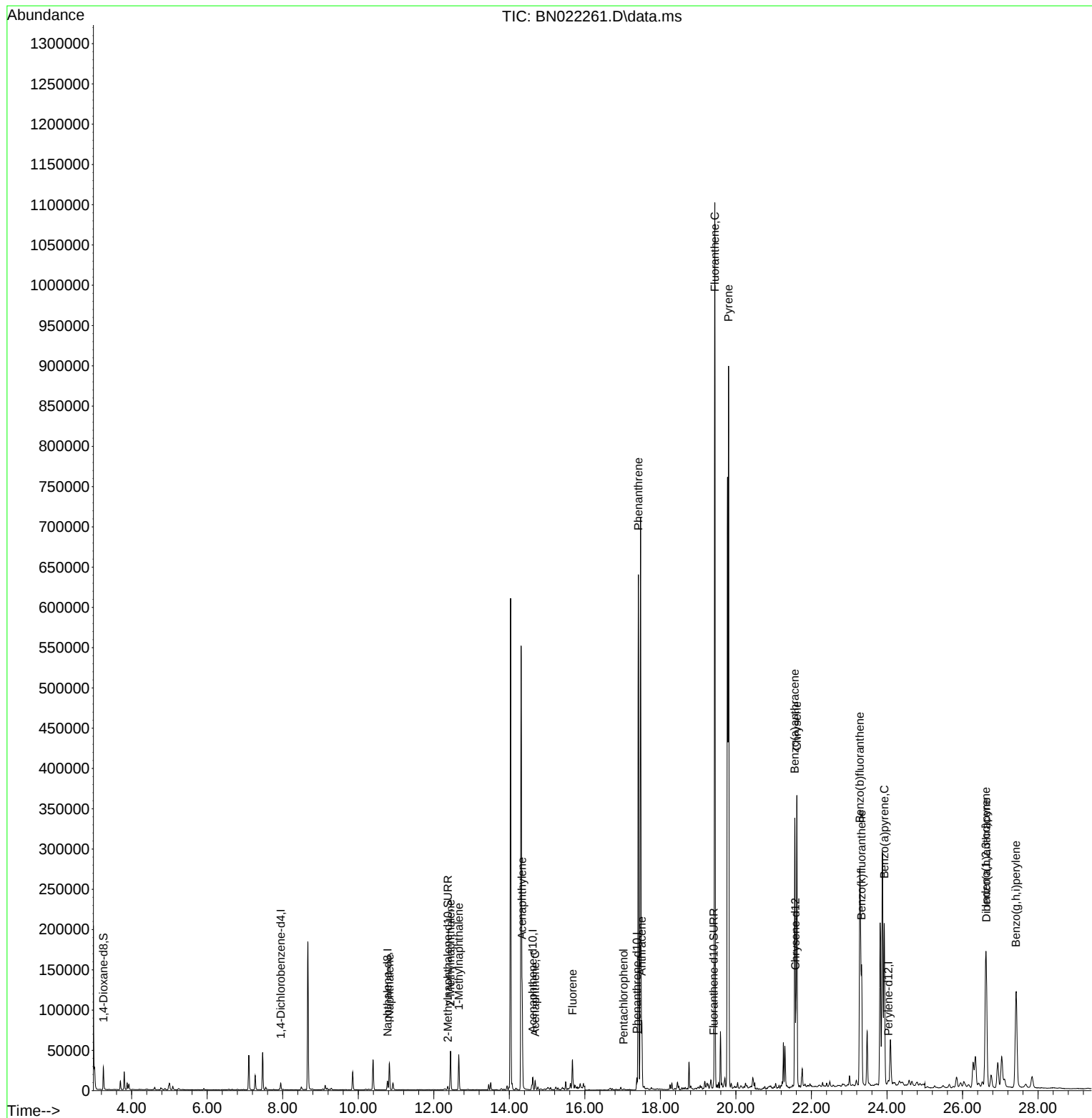
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022261.D
Acq On : 21 Oct 2022 19:25
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ALS Vial : 17 Sample Multiplier: 1

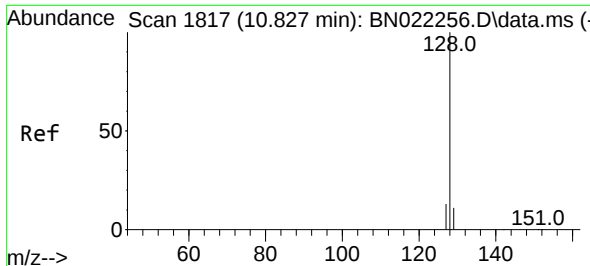
Instrument :
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Supervised By :mohammad ahmed 10/24/2022

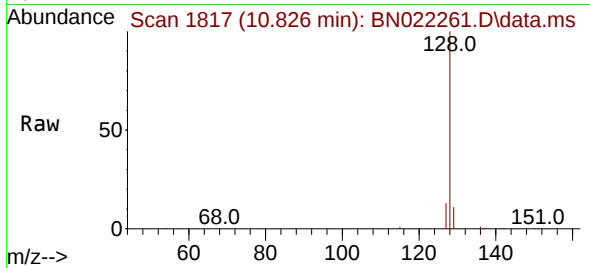
Quant Time: Oct 21 22:41:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.065 ng/ul
RT: 10.826 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BN022261.D
Acq: 21 Oct 2022 19:25

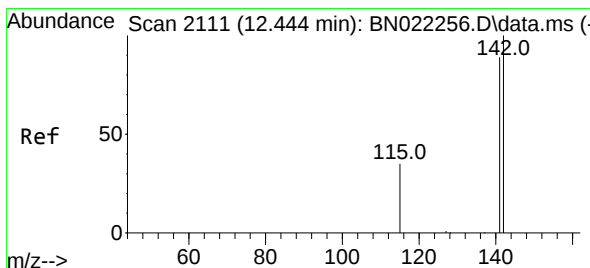
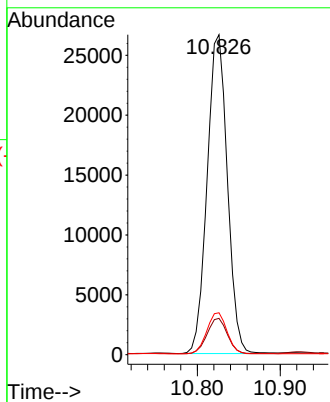
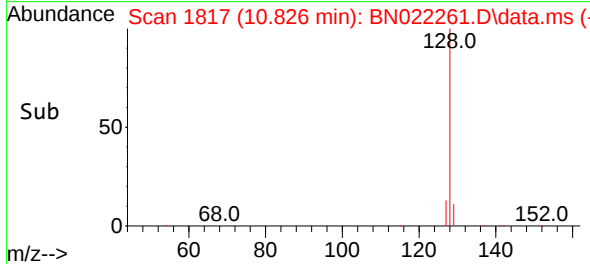
Instrument :
BNA_N
ClientSampleId :
C0BH5



Tgt Ion:128 Resp: 45302
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.1 10.7 16.1

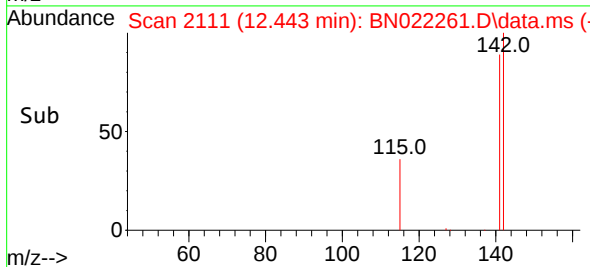
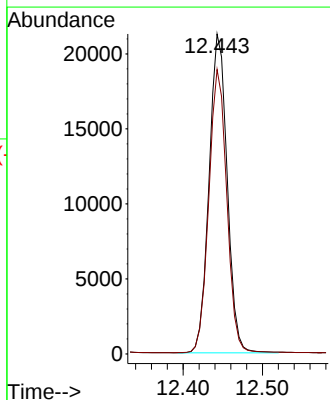
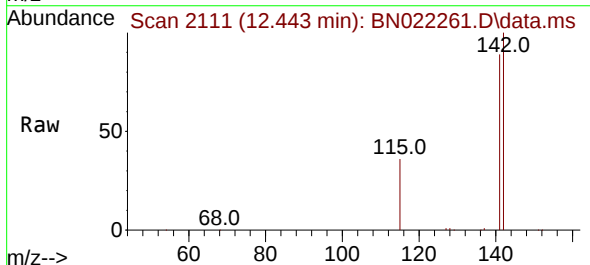
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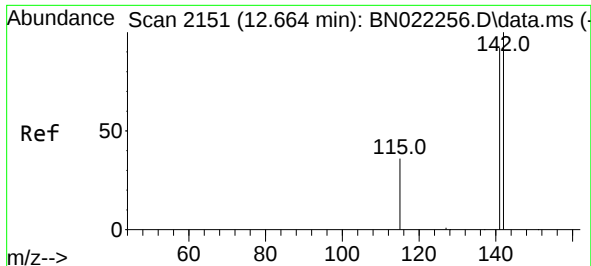
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#7
2-Methylnaphthalene
Concen: 1.256 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BN022261.D
Acq: 21 Oct 2022 19:25

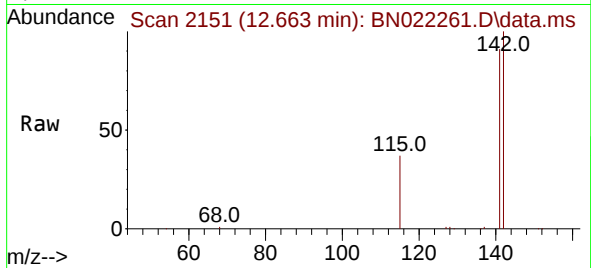
Tgt Ion:142 Resp: 33669
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7





#8
1-Methylnaphthalene
Concen: 1.085 ng/ul
RT: 12.663 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BN022261.D
Acq: 21 Oct 2022 19:25

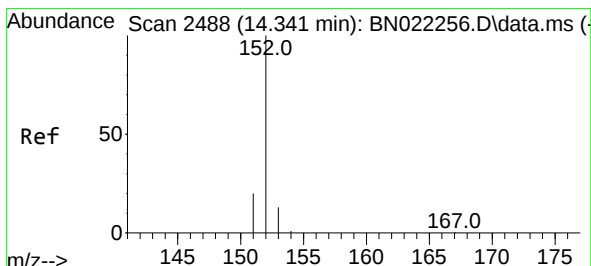
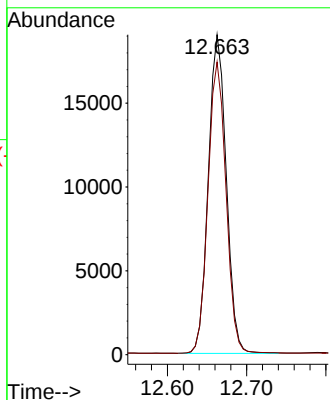
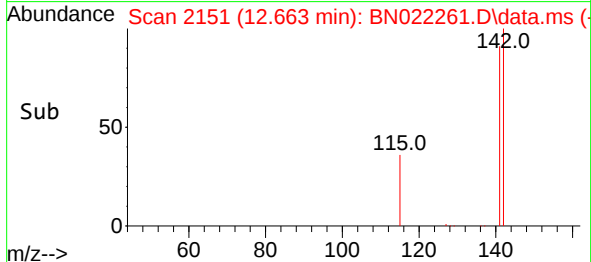
Instrument :
BNA_N
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Tgt Ion:142 Resp: 29918
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

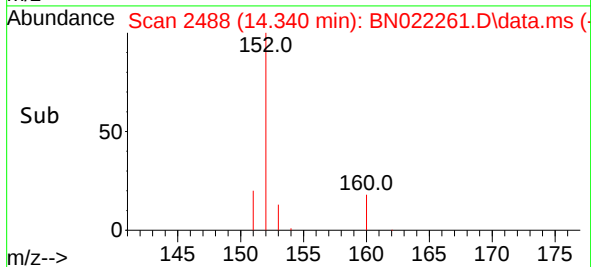
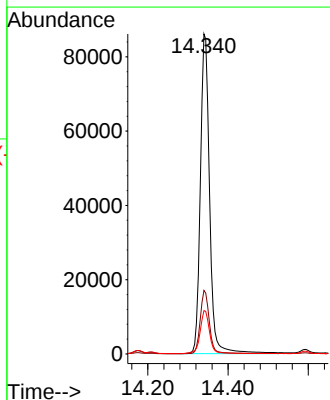
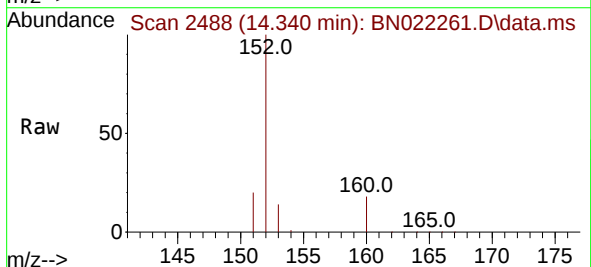
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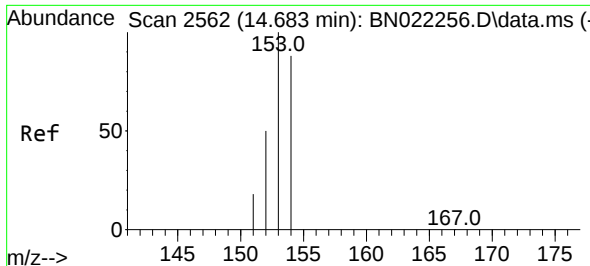
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#10
Acenaphthylene
Concen: 3.731 ng/ul
RT: 14.340 min Scan# 2488
Delta R.T. -0.009 min
Lab File: BN022261.D
Acq: 21 Oct 2022 19:25

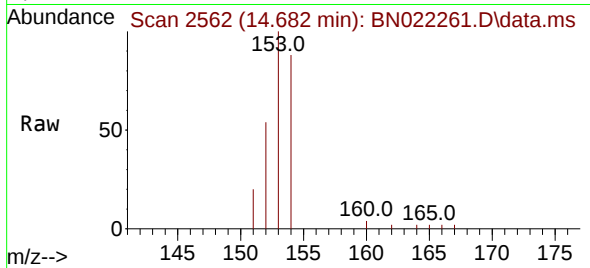
Tgt Ion:152 Resp: 137092
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.6 10.8 16.2





#11
Acenaphthene
Concen: 0.221 ng/ul
RT: 14.682 min Scan# 2562
Delta R.T. -0.005 min
Lab File: BN022261.D
Acq: 21 Oct 2022 19:25

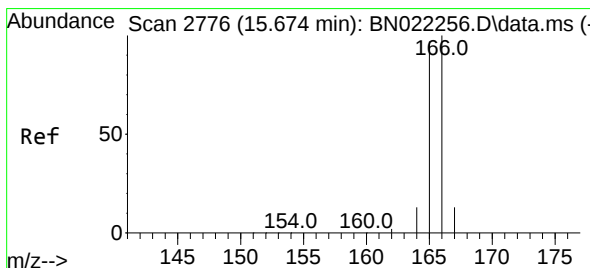
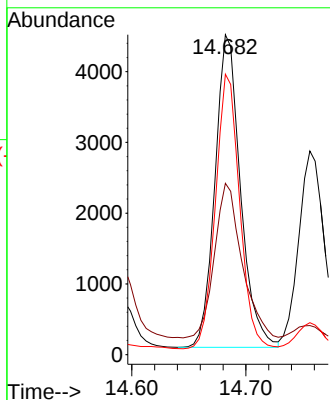
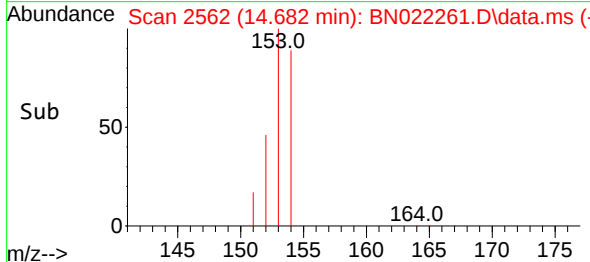
Instrument :
BNA_N
ClientSampleId :
C0BH5



Tgt Ion:153 Resp: 686
Ion Ratio Lower Upper
153 100
152 53.6 40.6 61.0
154 87.7 70.6 106.0

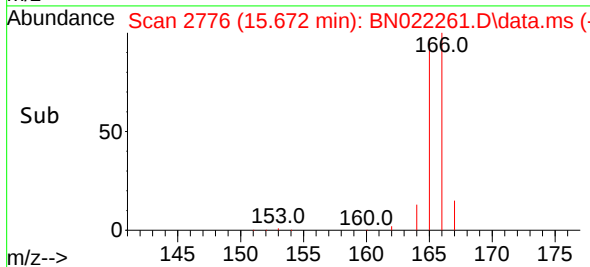
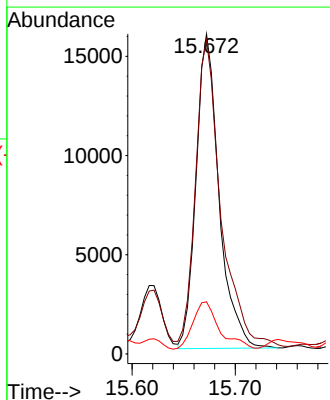
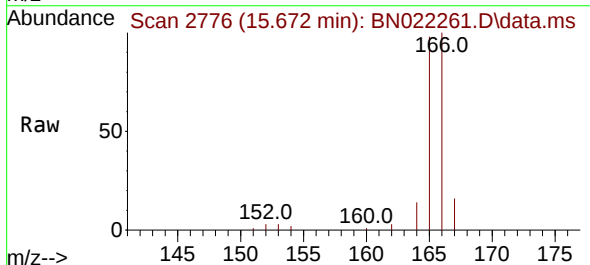
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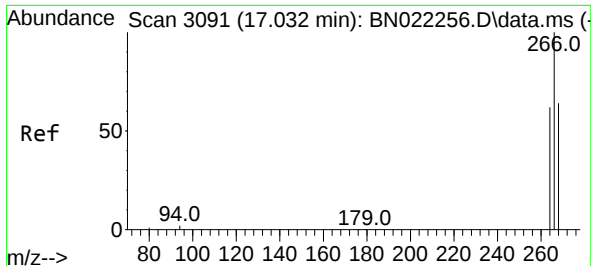
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 0.682 ng/ul
RT: 15.672 min Scan# 2776
Delta R.T. -0.005 min
Lab File: BN022261.D
Acq: 21 Oct 2022 19:25

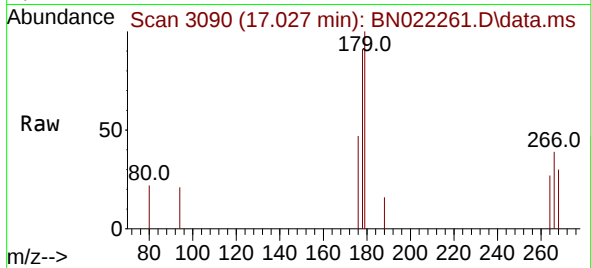
Tgt Ion:166 Resp: 24543
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.2
167 16.3 11.0 16.4





#14
 Pentachlorophenol
 Concen: 0.061 ng/ul
 RT: 17.027 min Scan# 3090
 Delta R.T. -0.004 min
 Lab File: BN022261.D
 Acq: 21 Oct 2022 19:25

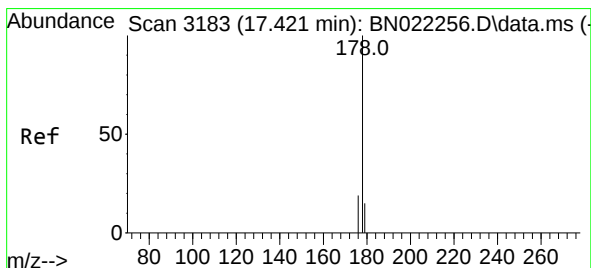
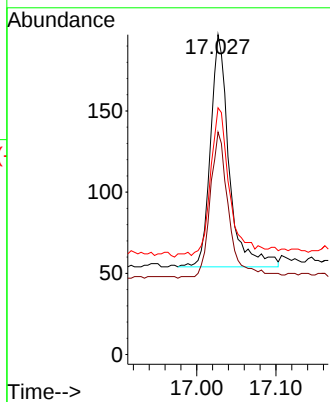
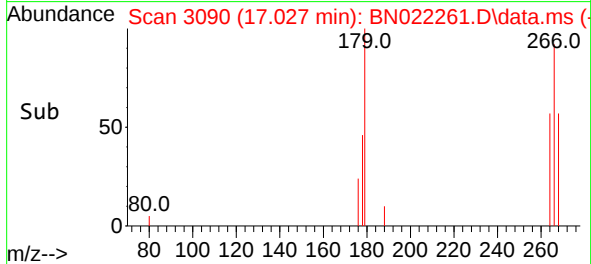
Instrument :
 BNA_N
 ClientSampleId :
 C0BH5



Tgt Ion:266 Resp: 234
 Ion Ratio Lower Upper
 266 100
 264 60.7 49.8 74.6
 268 66.7 51.4 77.2

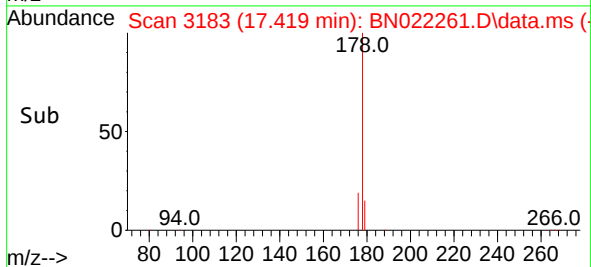
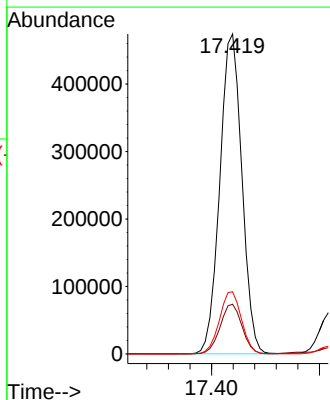
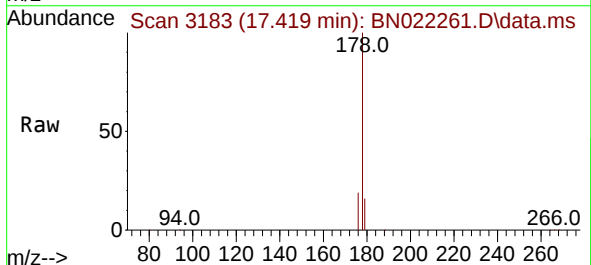
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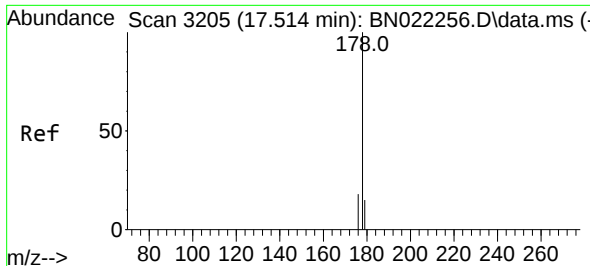
Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022



#15
 Phenanthrene
 Concen: 12.493 ng/ul
 RT: 17.419 min Scan# 3183
 Delta R.T. -0.004 min
 Lab File: BN022261.D
 Acq: 21 Oct 2022 19:25

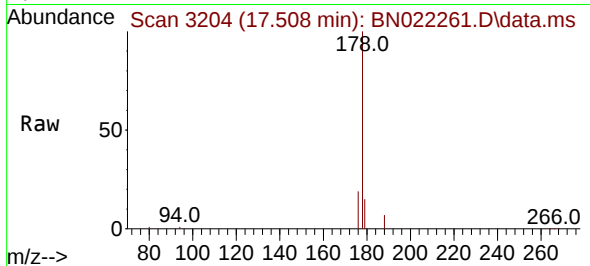
Tgt Ion:178 Resp: 672859
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.7 19.1
 176 19.5 15.4 23.2





#16
 Anthracene
 Concen: 1.968 ng/ul
 RT: 17.508 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BN022261.D
 Acq: 21 Oct 2022 19:25

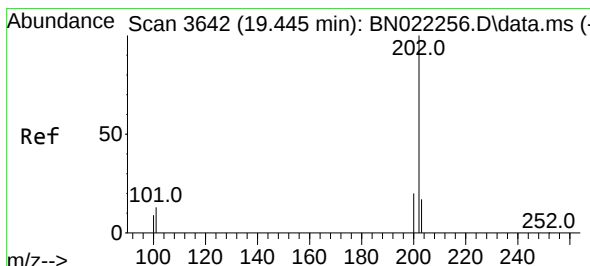
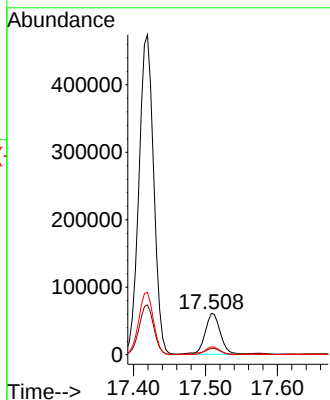
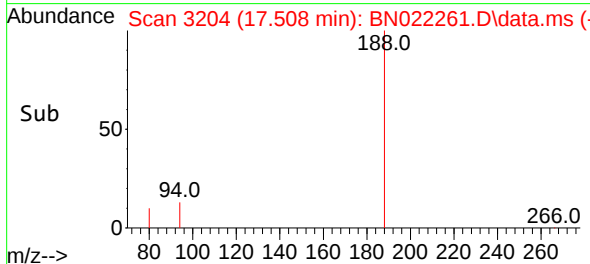
Instrument :
 BNA_N
 ClientSampleId :
 C0BH5



Tgt Ion:178 Resp: 89330
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.6 18.8
 176 19.1 15.0 22.6

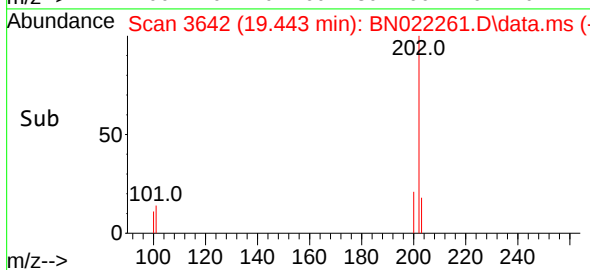
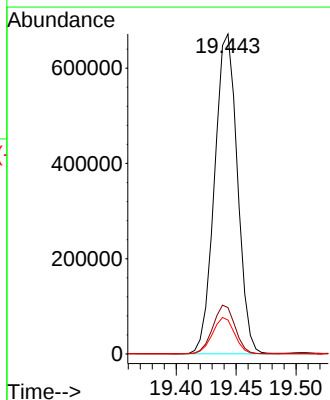
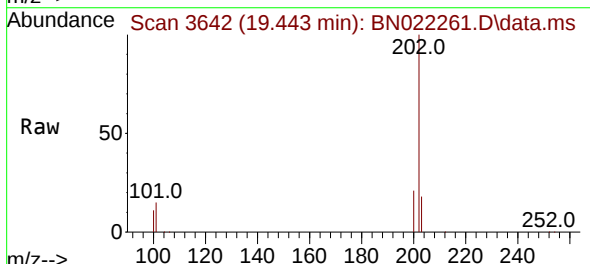
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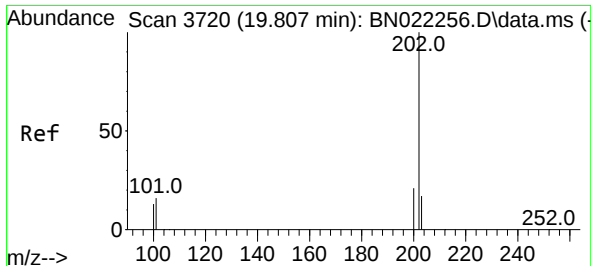
Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022



#19
 Fluoranthene
 Concen: 23.707 ng/ul
 RT: 19.443 min Scan# 3642
 Delta R.T. -0.000 min
 Lab File: BN022261.D
 Acq: 21 Oct 2022 19:25

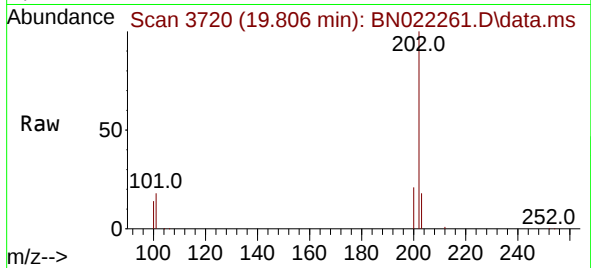
Tgt Ion:202 Resp: 890521
 Ion Ratio Lower Upper
 202 100
 101 14.5 11.8 17.6
 100 10.6 8.7 13.1





#20
Pyrene
Concen: 18.620 ng/u1
RT: 19.806 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN022261.D
Acq: 21 Oct 2022 19:25

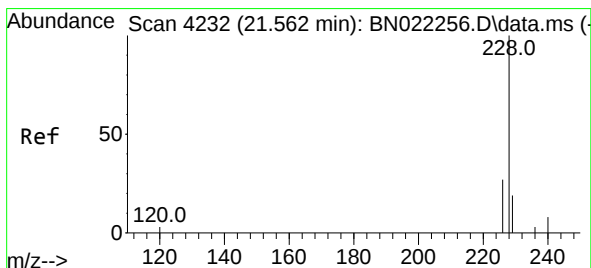
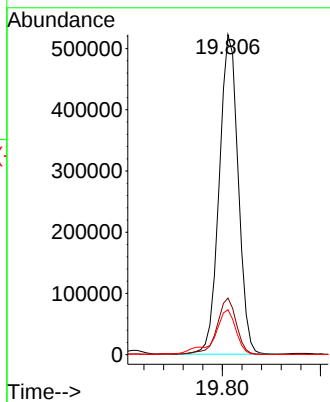
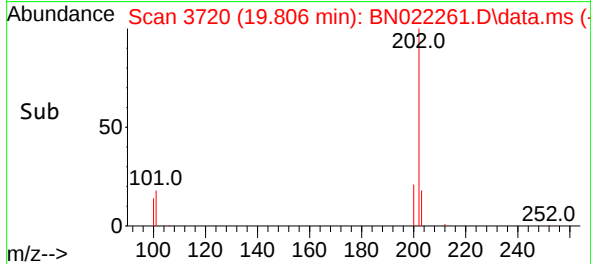
Instrument :
BNA_N
ClientSampleId :
C0BH5



Tgt Ion:202 Resp: 702664
Ion Ratio Lower Upper
202 100
101 17.7 13.1 19.7
100 14.1 10.6 16.0

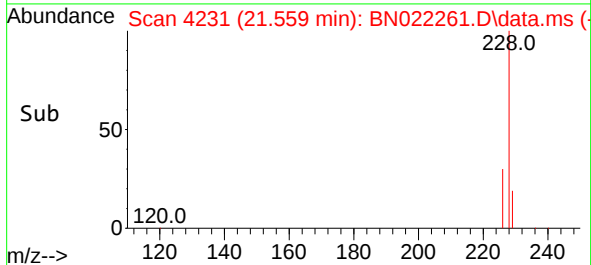
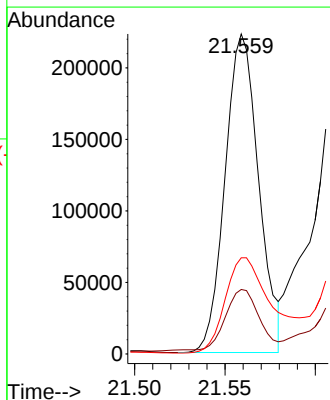
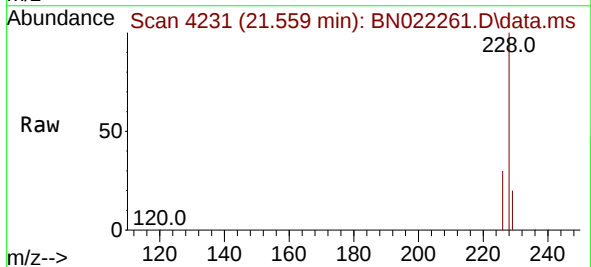
Manual Integrations
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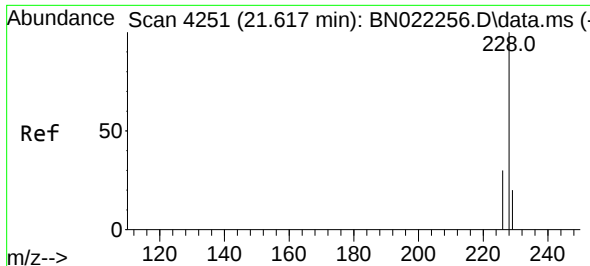
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#21
Benzo(a)anthracene
Concen: 9.383 ng/u1
RT: 21.559 min Scan# 4231
Delta R.T. -0.009 min
Lab File: BN022261.D
Acq: 21 Oct 2022 19:25

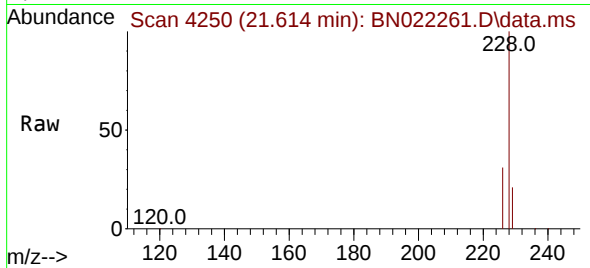
Tgt Ion:228 Resp: 288313
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 30.1 21.5 32.3





#22
Chrysene
Concen: 11.254 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022261.D
Acq: 21 Oct 2022 19:25

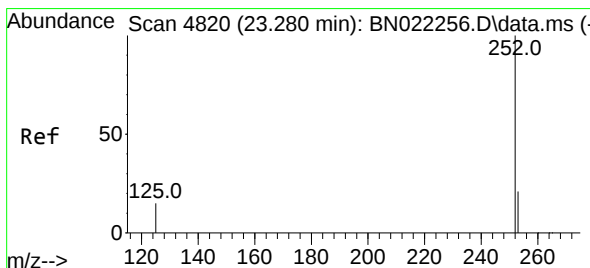
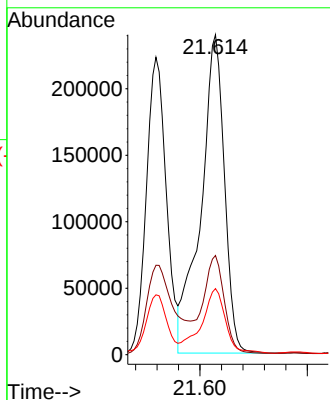
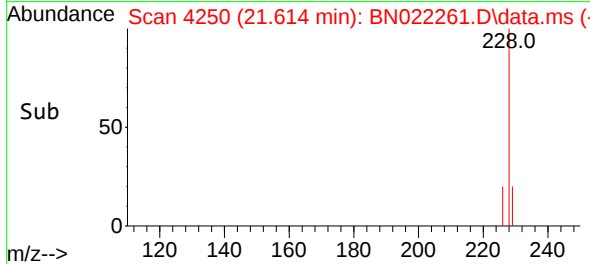
Instrument :
BNA_N
ClientSampleId :
C0BH5



Tgt Ion:228 Resp: 36653
Ion Ratio Lower Upper
228 100
226 31.0 23.9 35.9
229 20.7 15.9 23.9

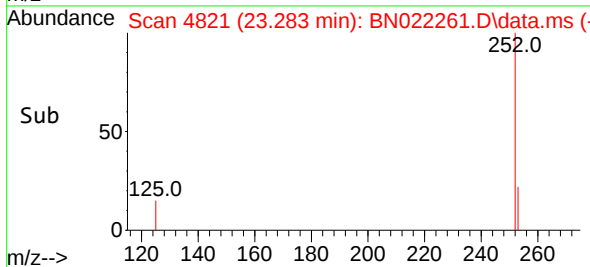
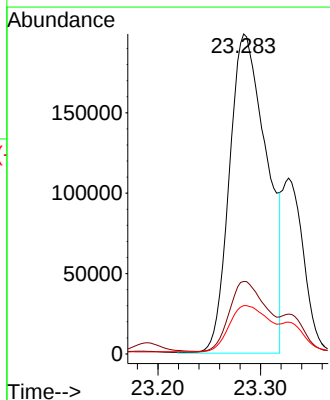
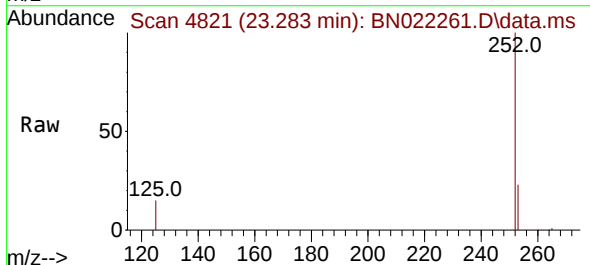
Manual Integrations
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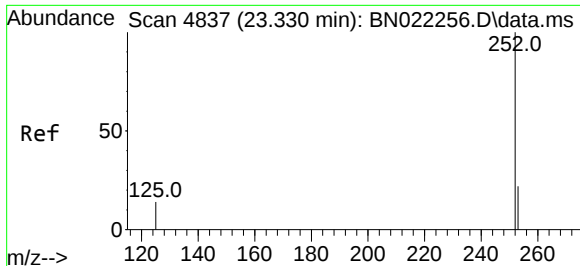
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#24
Benzo(b)fluoranthene
Concen: 13.255 ng/ul m
RT: 23.283 min Scan# 4821
Delta R.T. -0.006 min
Lab File: BN022261.D
Acq: 21 Oct 2022 19:25

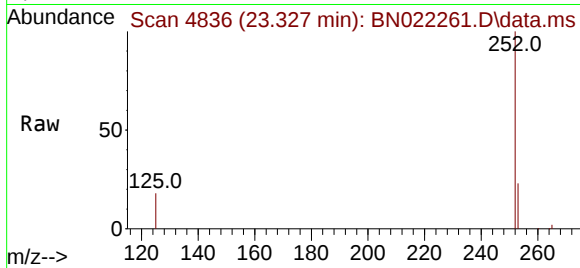
Tgt Ion:252 Resp: 504399
Ion Ratio Lower Upper
252 100
253 22.7 0.0 49.0
125 15.1 0.0 35.2





#25
Benzo(k)fluoranthene
Concen: 4.184 ng/ul m
RT: 23.327 min Scan# 4837
Delta R.T. -0.012 min
Lab File: BN022261.D
Acq: 21 Oct 2022 19:25

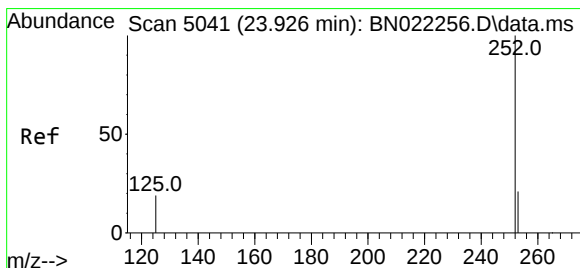
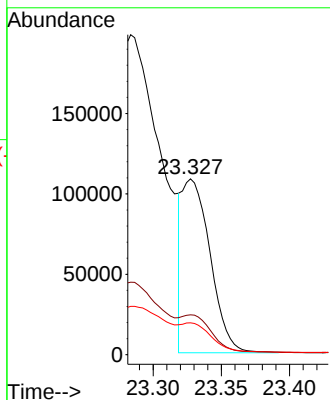
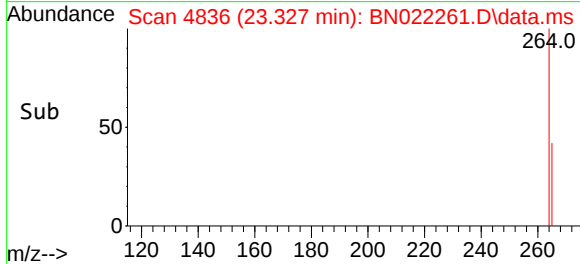
Instrument :
BNA_N
ClientSampleId :
C0BH5



Tgt Ion:252 Resp: 154830
Ion Ratio Lower Upper
252 100
253 22.6 19.7 29.5
125 18.1 14.0 21.0

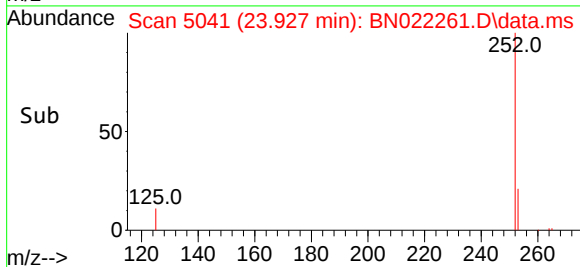
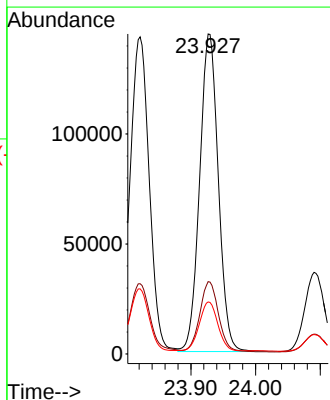
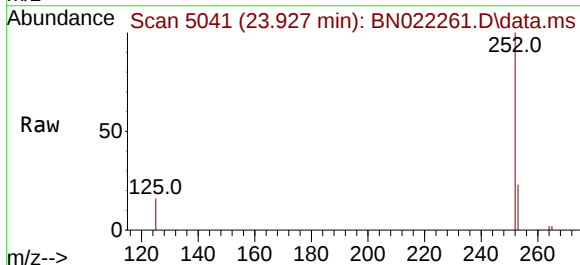
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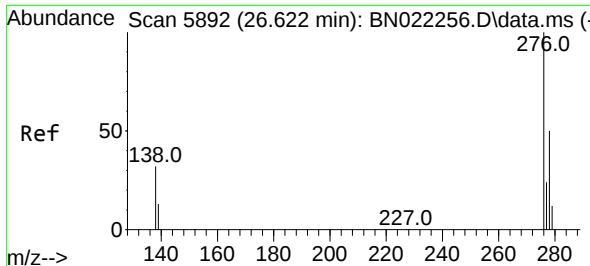
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#26
Benzo(a)pyrene
Concen: 9.535 ng/ul
RT: 23.927 min Scan# 5041
Delta R.T. -0.009 min
Lab File: BN022261.D
Acq: 21 Oct 2022 19:25

Tgt Ion:252 Resp: 289274
Ion Ratio Lower Upper
252 100
253 22.6 21.0 31.6
125 16.2 17.9 26.9#





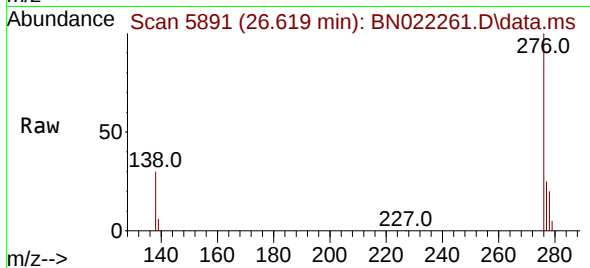
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 7.909 ng/ul
 RT: 26.619 min Scan# 5891
 Delta R.T. -0.017 min
 Lab File: BN022261.D
 Acq: 21 Oct 2022 19:25

Instrument :

BNA_N

ClientSampleId :

C0BH5

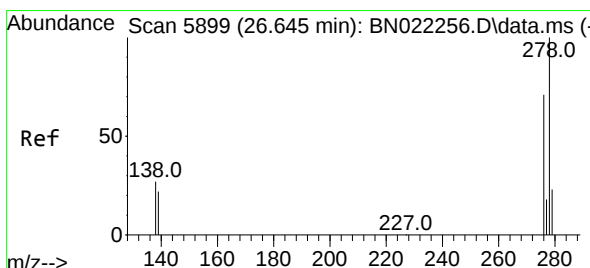
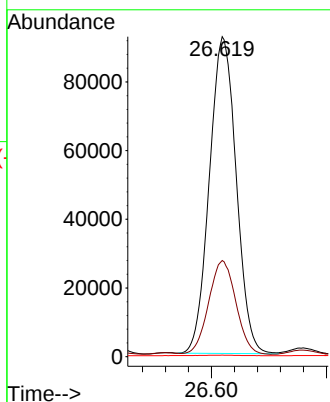
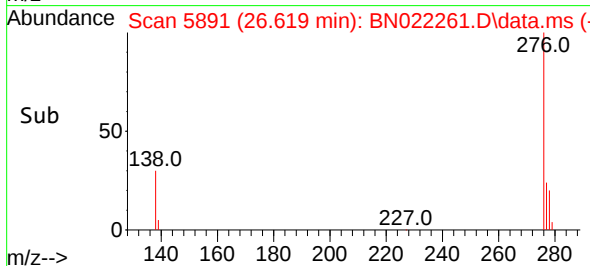


Tgt Ion:276 Resp: 29826
 Ion Ratio Lower Upper
 276 100
 138 29.9 27.7 41.5
 227 0.2 0.2 0.2

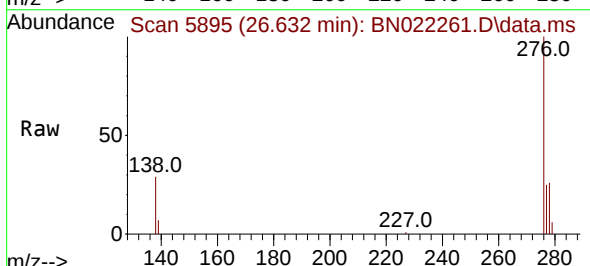
Manual Integrations

APPROVED

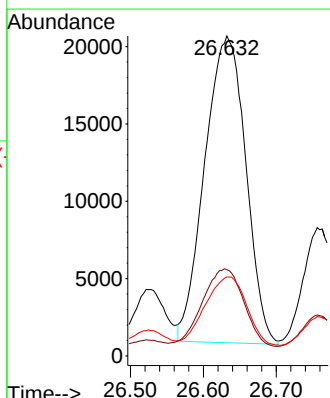
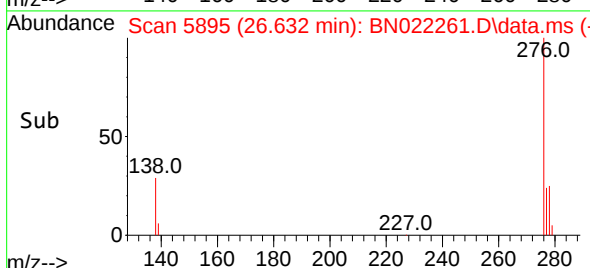
Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

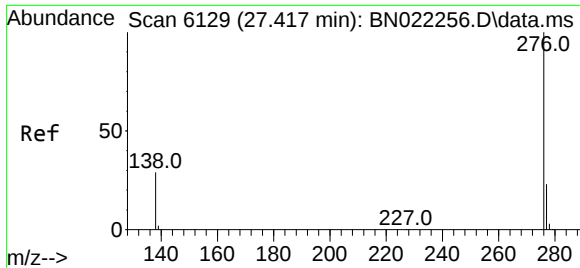


#28
 Dibenzo(a,h)anthracene
 Concen: 2.572 ng/ul
 RT: 26.632 min Scan# 5895
 Delta R.T. -0.024 min
 Lab File: BN022261.D
 Acq: 21 Oct 2022 19:25



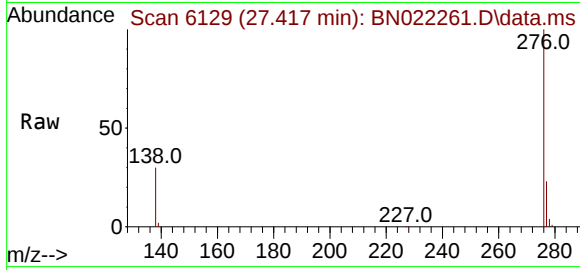
Tgt Ion:278 Resp: 77502
 Ion Ratio Lower Upper
 278 100
 139 27.0 19.6 29.4
 279 24.7 20.6 30.8





#29
Benzo(g,h,i)perylene
Concen: 8.413 ng/ul
RT: 27.417 min Scan# 61
Delta R.T. -0.013 min
Lab File: BN022261.D
Acq: 21 Oct 2022 19:25

Instrument :
BNA_N
ClientSampleId :
C0BH5



Tgt Ion:276 Resp: 258500
Ion Ratio Lower Upper
276 100
138 30.2 25.2 37.8
277 23.3 19.9 29.9

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Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

