

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022216.D
 Acq On : 20 Oct 2022 03:52
 Operator : CG/JU
 Sample : N5023-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/20/2022
 Supervised By :mohammad ahmed 10/21/2022

Quant Time: Oct 20 05:06:45 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	4805	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	16112	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	9377	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	19637	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	12971	0.400	ng/ul	# 0.00
23) Perylene-d12	24.034	264	11250	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	18716	2.997	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	4837	0.198	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	11476	0.264	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	84566	1.777	ng/ul	99
7) 2-Methylnaphthalene	12.444	142	55531	1.852	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	41219	1.336	ng/ul	100
10) Acenaphthylene	14.341	152	11108	0.264	ng/ul#	89
11) Acenaphthene	14.683	153	42914	1.209	ng/ul	99
12) Fluorene	15.673	166	48211	1.169	ng/ul	100
15) Phenanthrene	17.417	178	1029959	15.623	ng/ul	99
16) Anthracene	17.509	178	246724	4.442	ng/ul	100
19) Fluoranthene	19.445	202	2328857	39.199	ng/ul	98
20) Pyrene	19.807	202	1866566m	31.273	ng/ul	
21) Benzo(a)anthracene	21.559	228	820499	16.883	ng/ul	97
22) Chrysene	21.614	228	976877	18.964	ng/ul	97
24) Benzo(b)fluoranthene	23.283	252	1081707m	19.147	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	341941m	6.225	ng/ul	
26) Benzo(a)pyrene	23.929	252	656130	14.568	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.618	276	429327	7.668	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.635	278	110234	2.465	ng/ul	96
29) Benzo(g,h,i)perylene	27.423	276	383040	8.397	ng/ul	98

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

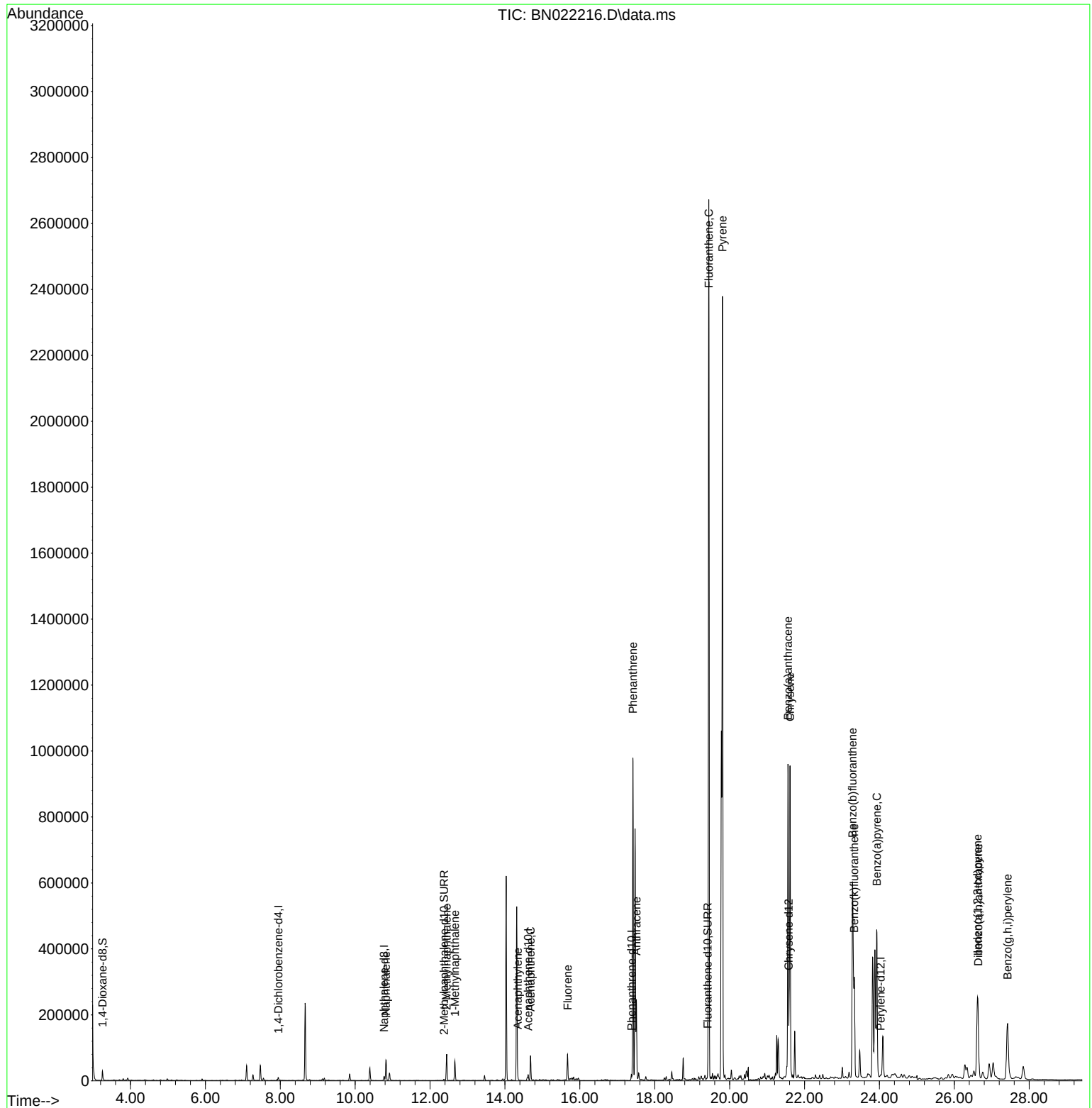
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022216.D
Acq On : 20 Oct 2022 03:52
Operator : CG/JU
Sample : N5023-15
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ALS Vial : 22 Sample Multiplier: 1

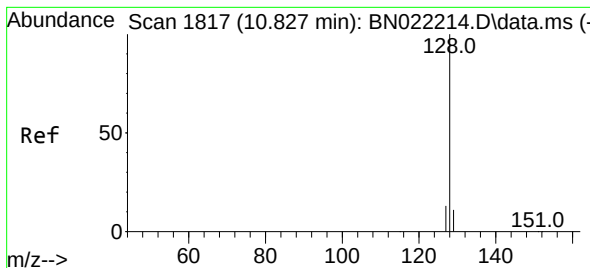
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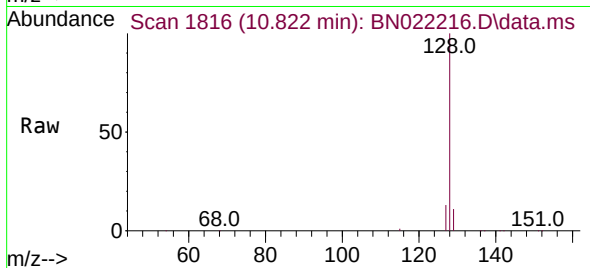
Quant Time: Oct 20 05:06:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
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#5
Naphthalene
Concen: 1.777 ng/ul
RT: 10.822 min Scan# 1817
Delta R.T. -0.010 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52

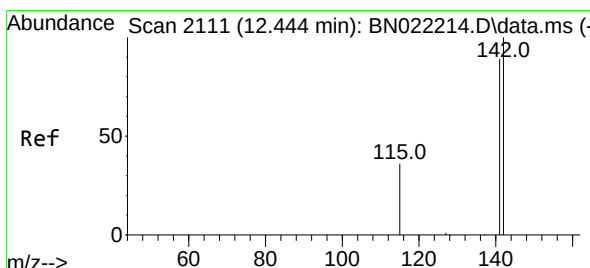
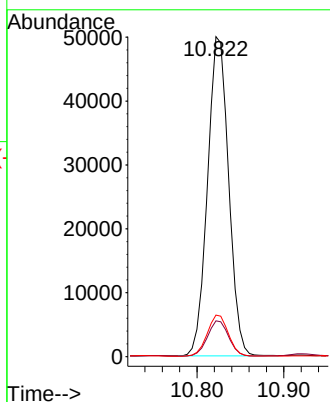
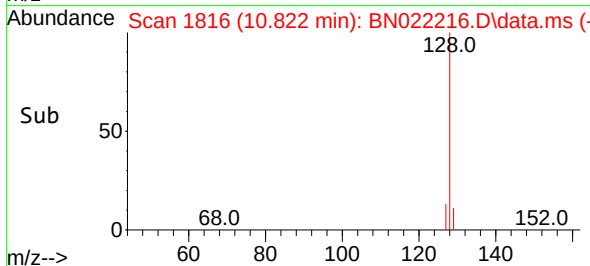
Instrument :
BNA_N
ClientSampleId :
C0BC5



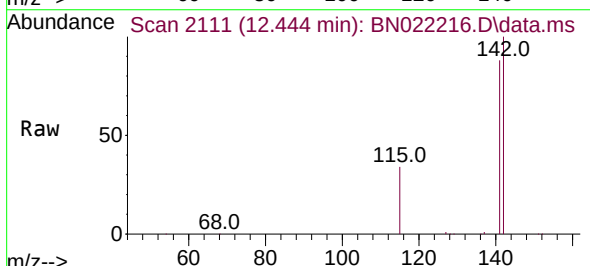
Tgt Ion:128 Resp: 84566
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.0 10.7 16.1

Manual Integrations
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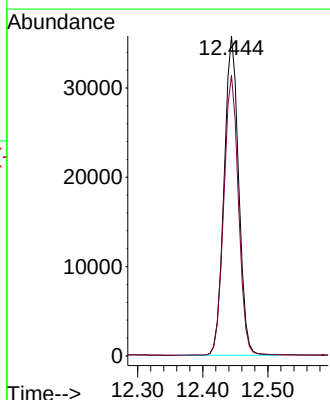
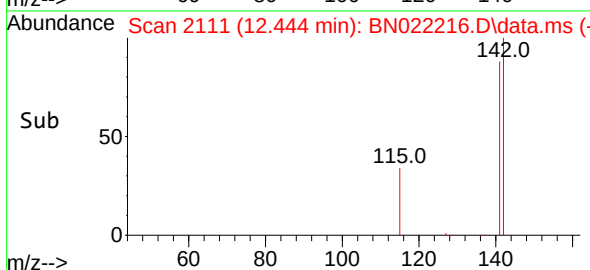
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Supervised By :mohammad ahmed 10/21/2022

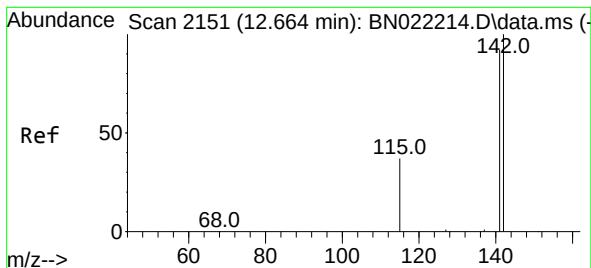


#7
2-Methylnaphthalene
Concen: 1.852 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52



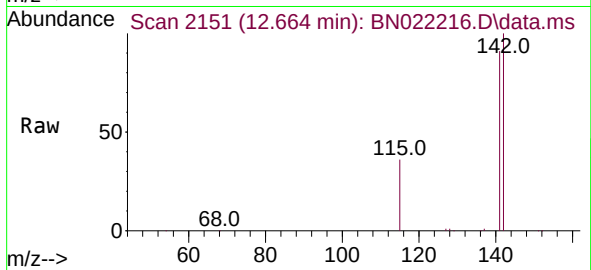
Tgt Ion:142 Resp: 55531
Ion Ratio Lower Upper
142 100
141 88.2 71.1 106.7





#8
1-Methylnaphthalene
Concen: 1.336 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52

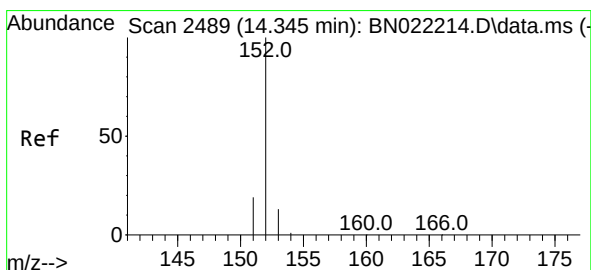
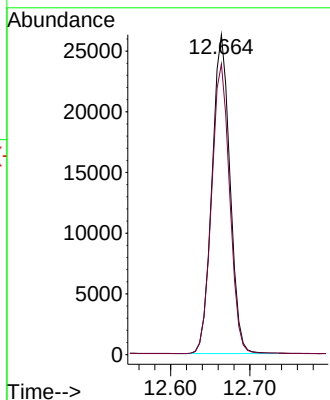
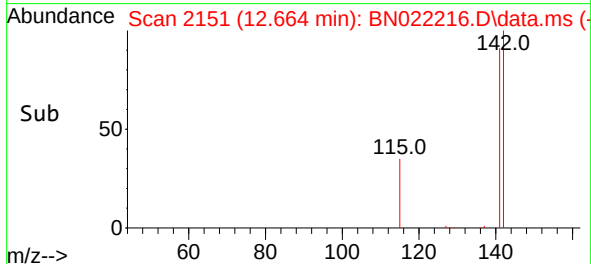
Instrument :
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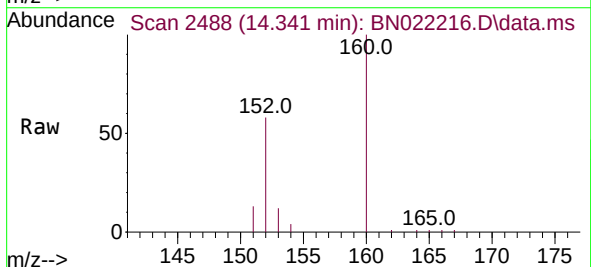
Tgt Ion:142 Resp: 41219
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9

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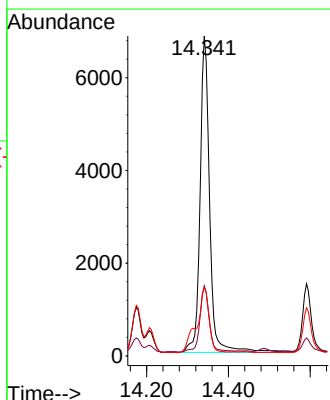
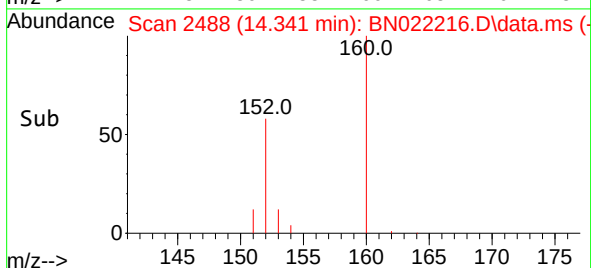
Reviewed By :Jagrut Upadhyay 10/20/2022
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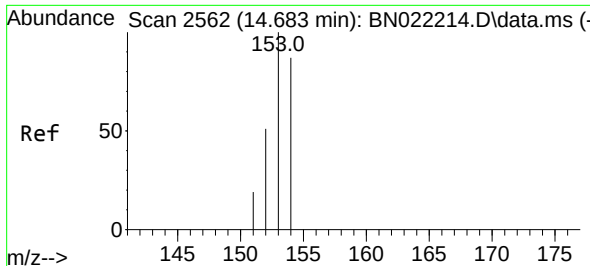


#10
Acenaphthylene
Concen: 0.264 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52



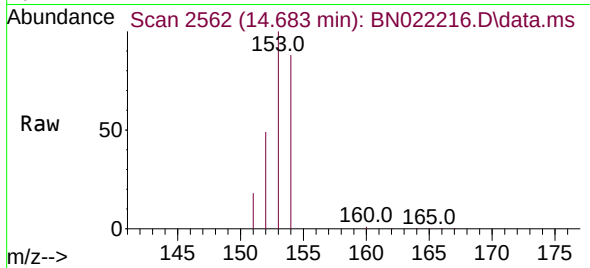
Tgt Ion:152 Resp: 11108
Ion Ratio Lower Upper
152 100
151 21.9 15.9 23.9
153 21.4 10.8 16.2#





#11
Acenaphthene
Concen: 1.209 ng/u1
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52

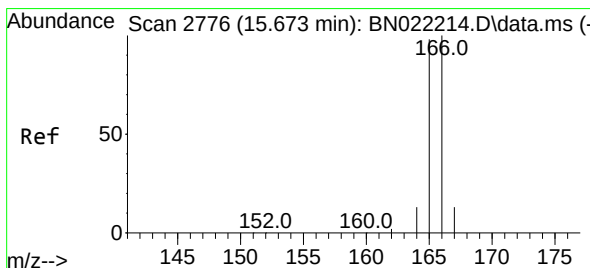
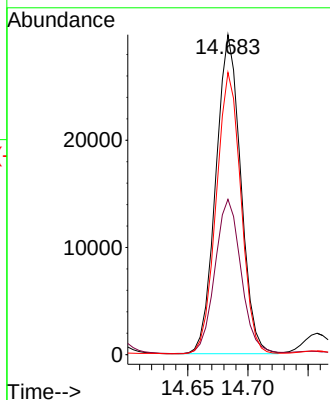
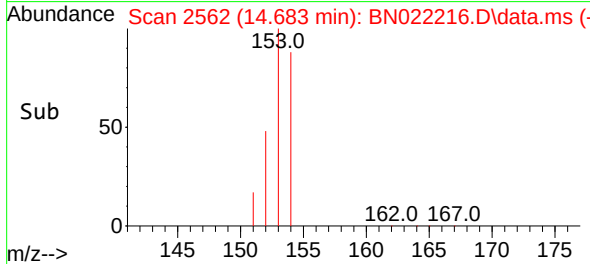
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 42914
Ion Ratio Lower Upper
153 100
152 48.5 40.6 61.0
154 88.2 70.6 106.0

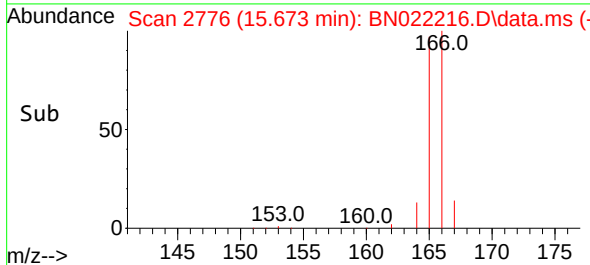
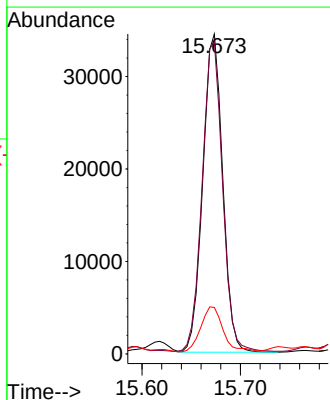
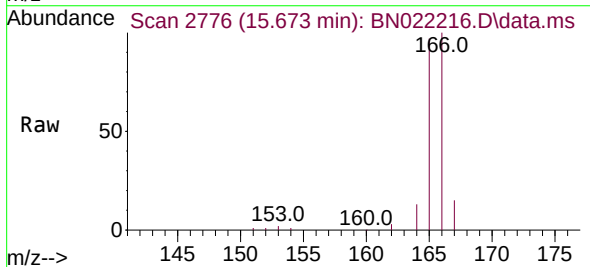
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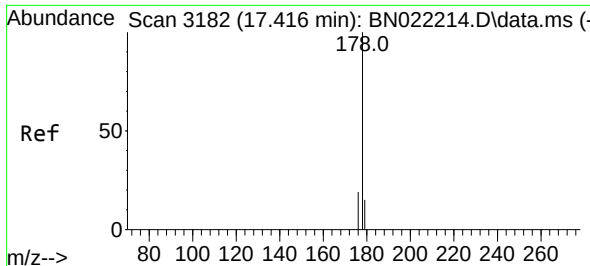
Reviewed By :Jagrut Upadhyay 10/20/2022
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#12
Fluorene
Concen: 1.169 ng/u1
RT: 15.673 min Scan# 2776
Delta R.T. -0.003 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52

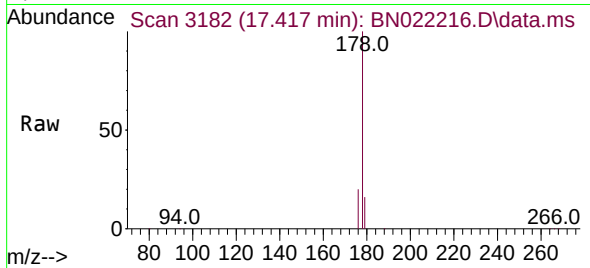
Tgt Ion:166 Resp: 48211
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 14.5 11.0 16.4





#15
Phenanthrene
Concen: 15.623 ng/u1
RT: 17.417 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52

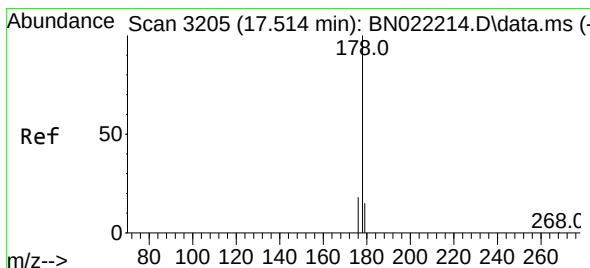
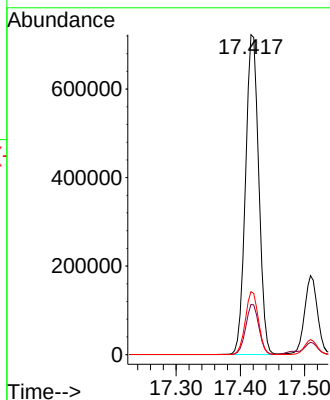
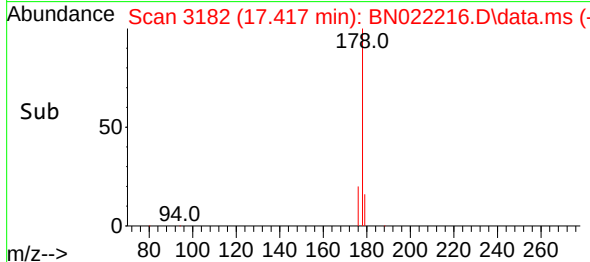
Instrument :
BNA_N
ClientSampleId :
C0BC5



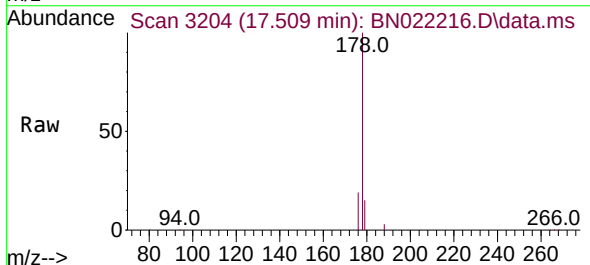
Tgt Ion:178 Resp: 1029955
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.7 15.4 23.2

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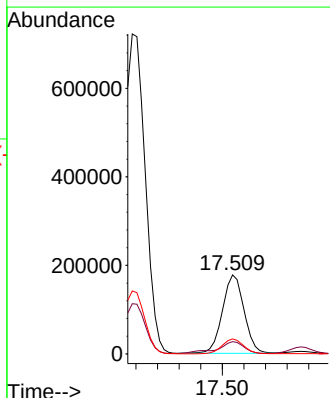
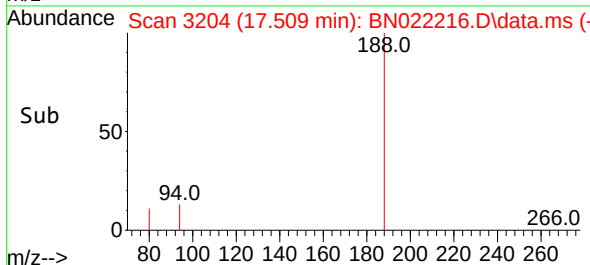
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

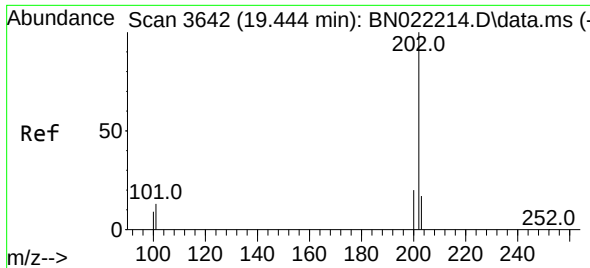


#16
Anthracene
Concen: 4.442 ng/u1
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52



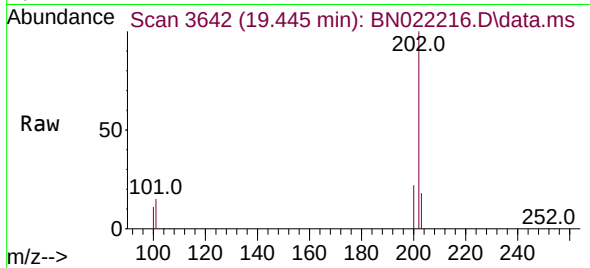
Tgt Ion:178 Resp: 246724
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.9 15.0 22.6





#19
Fluoranthene
Concen: 39.199 ng/u1
RT: 19.445 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52

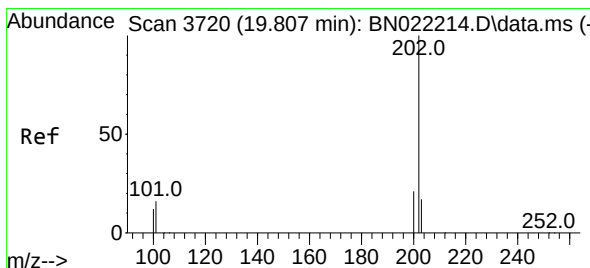
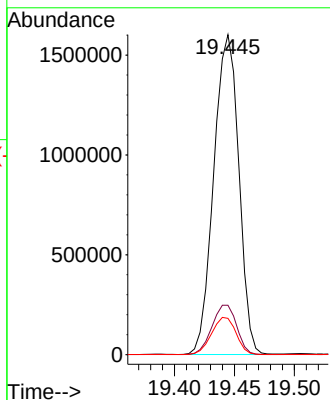
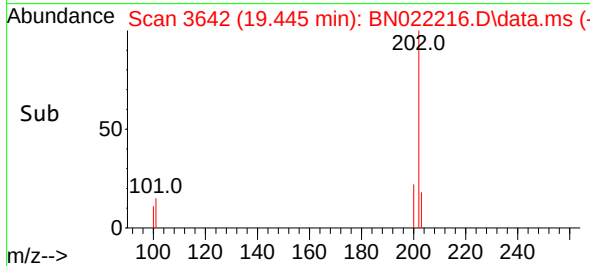
Instrument :
BNA_N
ClientSampleId :
C0BC5



Tgt Ion:202 Resp: 232885
Ion Ratio Lower Upper
202 100
101 15.4 11.8 17.6
100 11.3 8.7 13.1

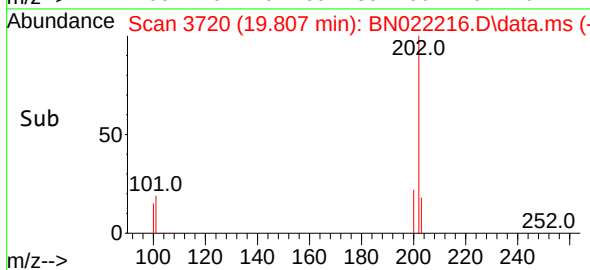
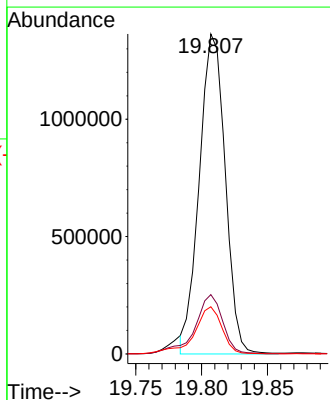
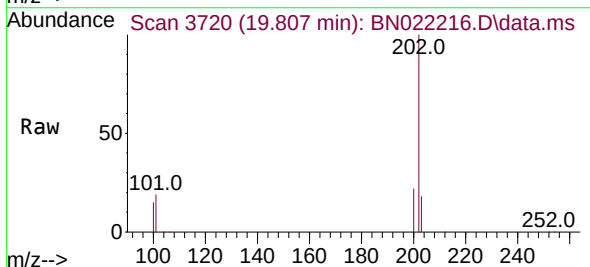
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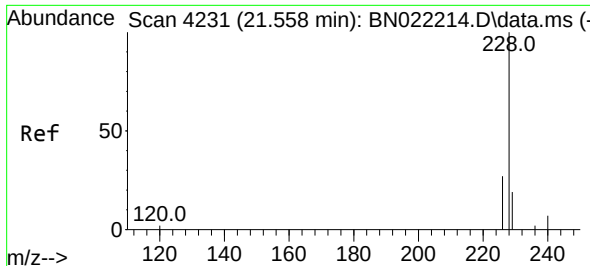
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#20
Pyrene
Concen: 31.273 ng/u1 m
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52

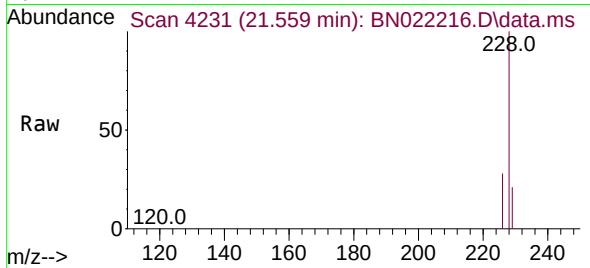
Tgt Ion:202 Resp: 1866566
Ion Ratio Lower Upper
202 100
101 18.5 13.1 19.7
100 14.7 10.6 16.0





#21
Benzo(a)anthracene
Concen: 16.883 ng/ul
RT: 21.559 min Scan# 4231
Delta R.T. -0.009 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52

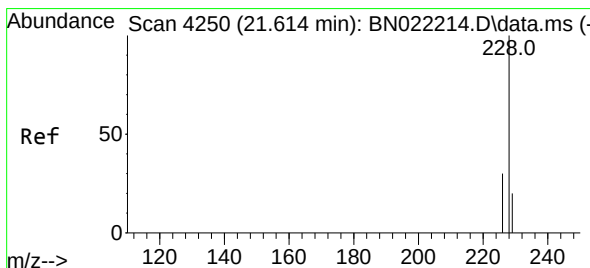
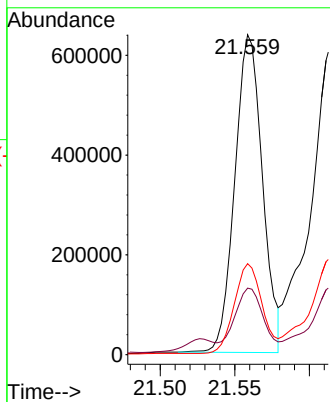
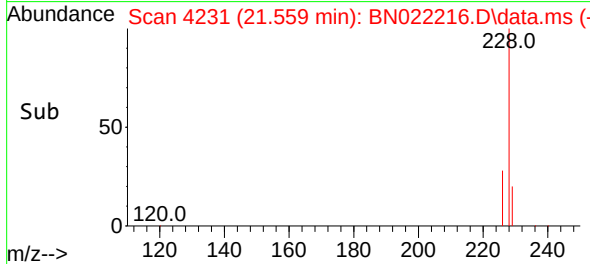
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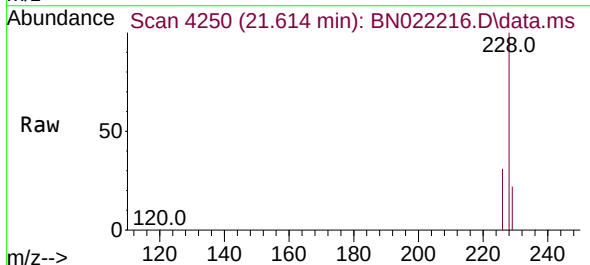
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Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 28.4 21.5 32.3

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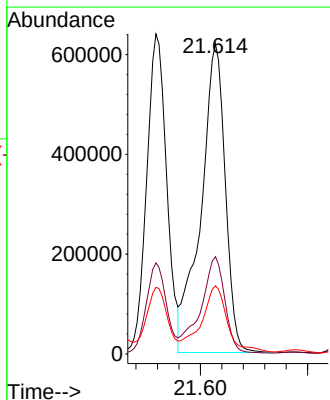
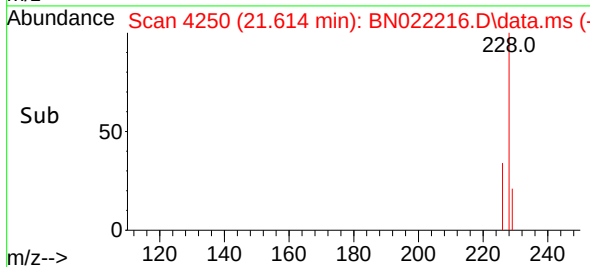
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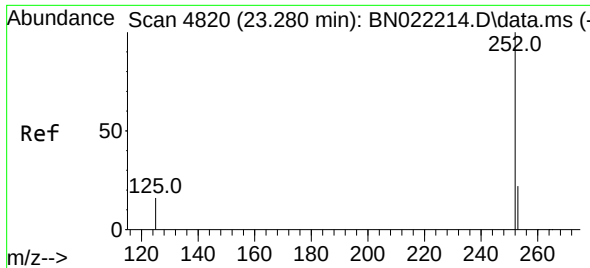


#22
Chrysene
Concen: 18.964 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52



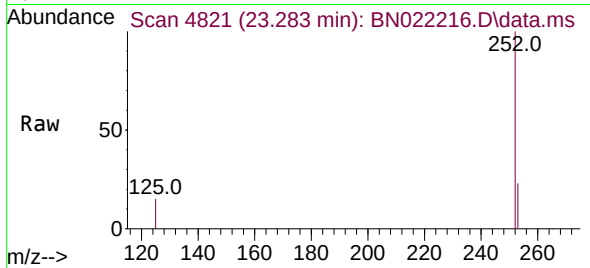
Tgt Ion:228 Resp: 976877
Ion Ratio Lower Upper
228 100
226 31.4 23.9 35.9
229 21.9 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 19.147 ng/ul m
RT: 23.283 min Scan# 4820
Delta R.T. -0.006 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52

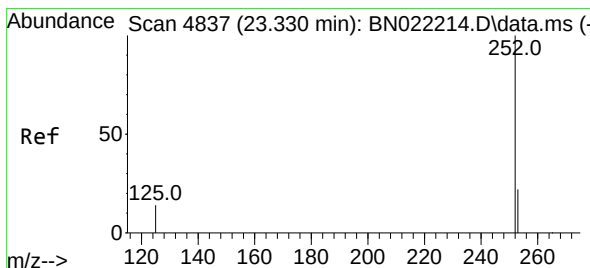
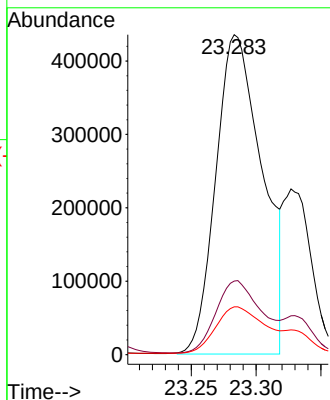
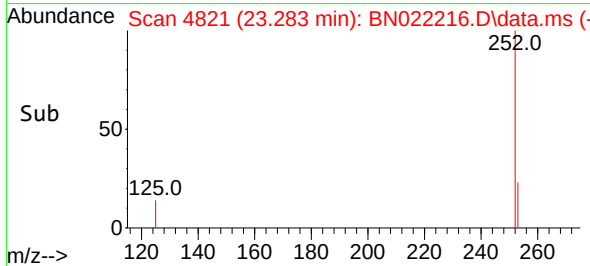
Instrument :
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Tgt Ion:252 Resp: 108170
Ion Ratio Lower Upper
252 100
253 23.0 0.0 49.0
125 14.9 0.0 35.2

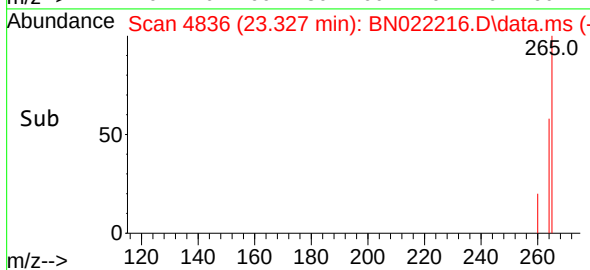
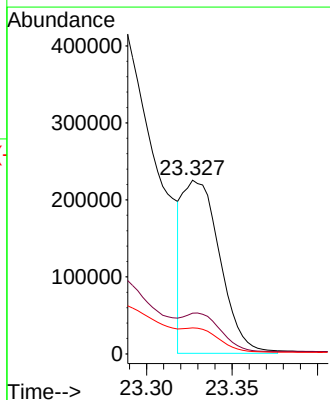
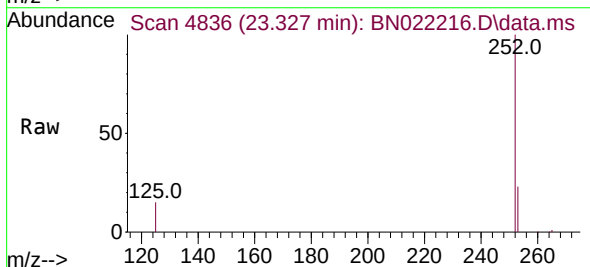
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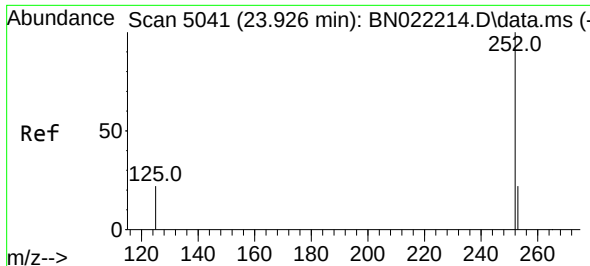
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#25
Benzo(k)fluoranthene
Concen: 6.225 ng/ul m
RT: 23.327 min Scan# 4836
Delta R.T. -0.012 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52

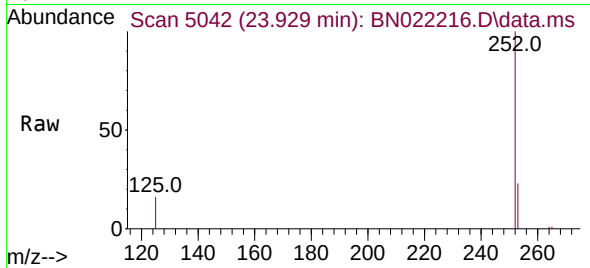
Tgt Ion:252 Resp: 341941
Ion Ratio Lower Upper
252 100
253 23.4 19.7 29.5
125 14.9 14.0 21.0





#26
Benzo(a)pyrene
Concen: 14.568 ng/ul
RT: 23.929 min Scan# 5042
Delta R.T. -0.006 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52

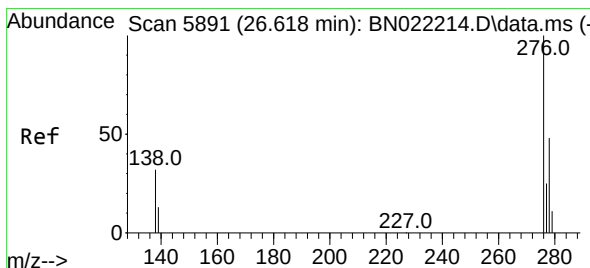
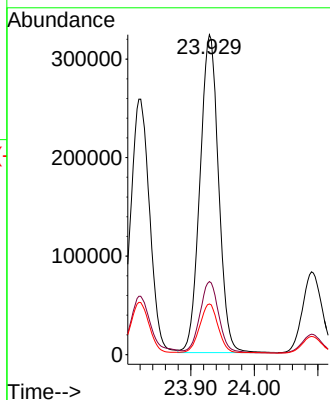
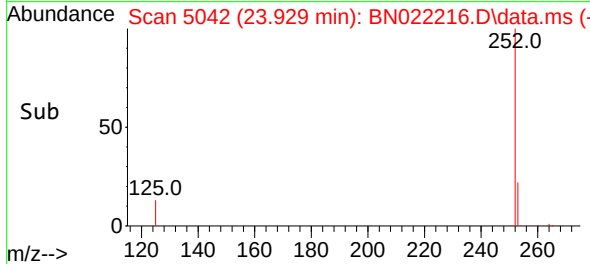
Instrument :
BNA_N
ClientSampleId :
C0BC5



Tgt Ion:252 Resp: 656130
Ion Ratio Lower Upper
252 100
253 22.8 21.0 31.6
125 15.8 17.9 26.9

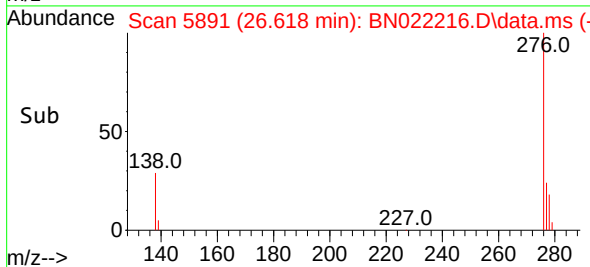
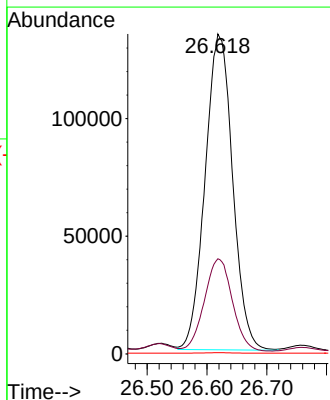
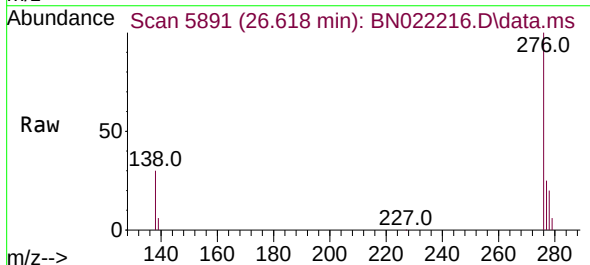
Manual Integrations
APPROVED

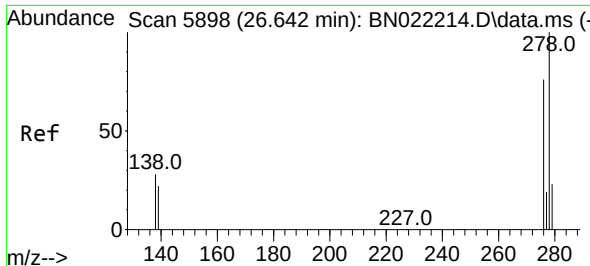
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 7.668 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. -0.017 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52

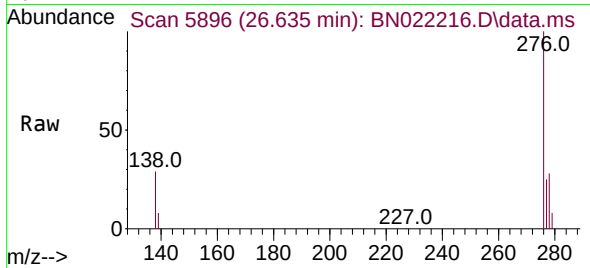
Tgt Ion:276 Resp: 429327
Ion Ratio Lower Upper
276 100
138 29.7 27.7 41.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 2.465 ng/ul
RT: 26.635 min Scan# 5898
Delta R.T. -0.021 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52

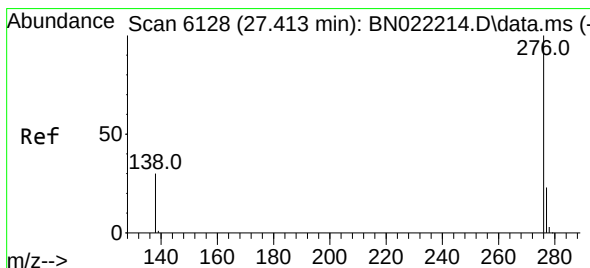
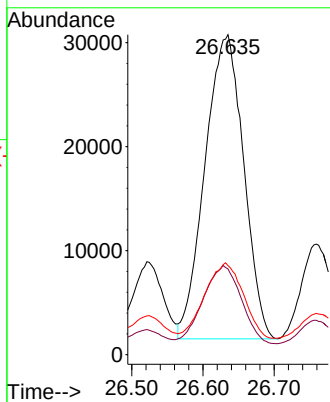
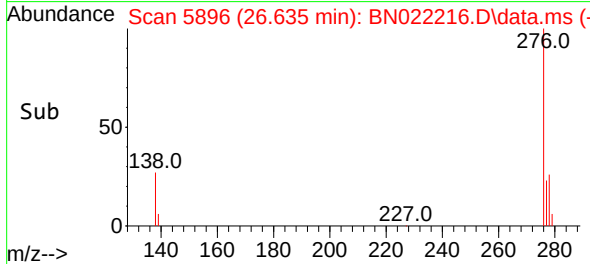
Instrument :
BNA_N
ClientSampleId :
C0BC5



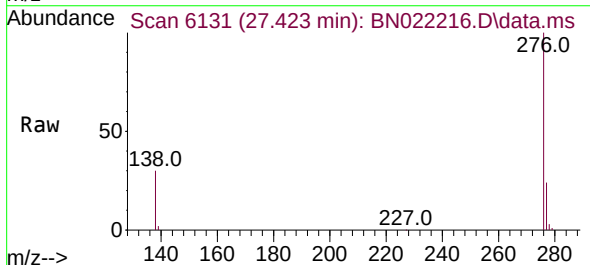
Tgt Ion:278 Resp: 110234
Ion Ratio Lower Upper
278 100
139 26.8 19.6 29.4
279 27.8 20.6 30.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#29
Benzo(g,h,i)perylene
Concen: 8.397 ng/ul
RT: 27.423 min Scan# 6131
Delta R.T. -0.007 min
Lab File: BN022216.D
Acq: 20 Oct 2022 03:52



Tgt Ion:276 Resp: 383040
Ion Ratio Lower Upper
276 100
138 30.0 25.2 37.8
277 24.2 19.9 29.9

