

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022219.D
 Acq On : 20 Oct 2022 05:39
 Operator : CG/JU
 Sample : N5023-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC6DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 20 06:27:36 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	5910	0.400	ng/ul	0.00
4) Naphthalene-d8	10.777	136	19992	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.622	164	11306	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.377	188	22953	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	15738	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	11735	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	5528	0.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	1396	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	2936	0.056	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.826	128	6466	0.109	ng/ul	98
7) 2-Methylnaphthalene	12.448	142	4177	0.112	ng/ul	99
8) 1-Methylnaphthalene	12.668	142	3323	0.087	ng/ul	100
10) Acenaphthylene	14.344	152	2097	0.041	ng/ul#	86
11) Acenaphthene	14.687	153	2296	0.054	ng/ul	99
12) Fluorene	15.672	166	2694	0.054	ng/ul#	96
15) Phenanthrene	17.420	178	93447	1.213	ng/ul	99
16) Anthracene	17.512	178	11550	0.178	ng/ul	99
19) Fluoranthene	19.443	202	243003	3.371	ng/ul	97
20) Pyrene	19.806	202	189836m	2.621	ng/ul	
21) Benzo(a)anthracene	21.559	228	81642	1.385	ng/ul	96
22) Chrysene	21.615	228	101373	1.622	ng/ul	98
24) Benzo(b)fluoranthene	23.284	252	109700m	1.862	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	37933m	0.662	ng/ul	
26) Benzo(a)pyrene	23.927	252	75223	1.601	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.615	276	48178	0.825	ng/ul	92
28) Dibenzo(a,h)anthracene	26.632	278	12565	0.269	ng/ul#	80
29) Benzo(g,h,i)perylene	27.417	276	45509	0.956	ng/ul	99

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

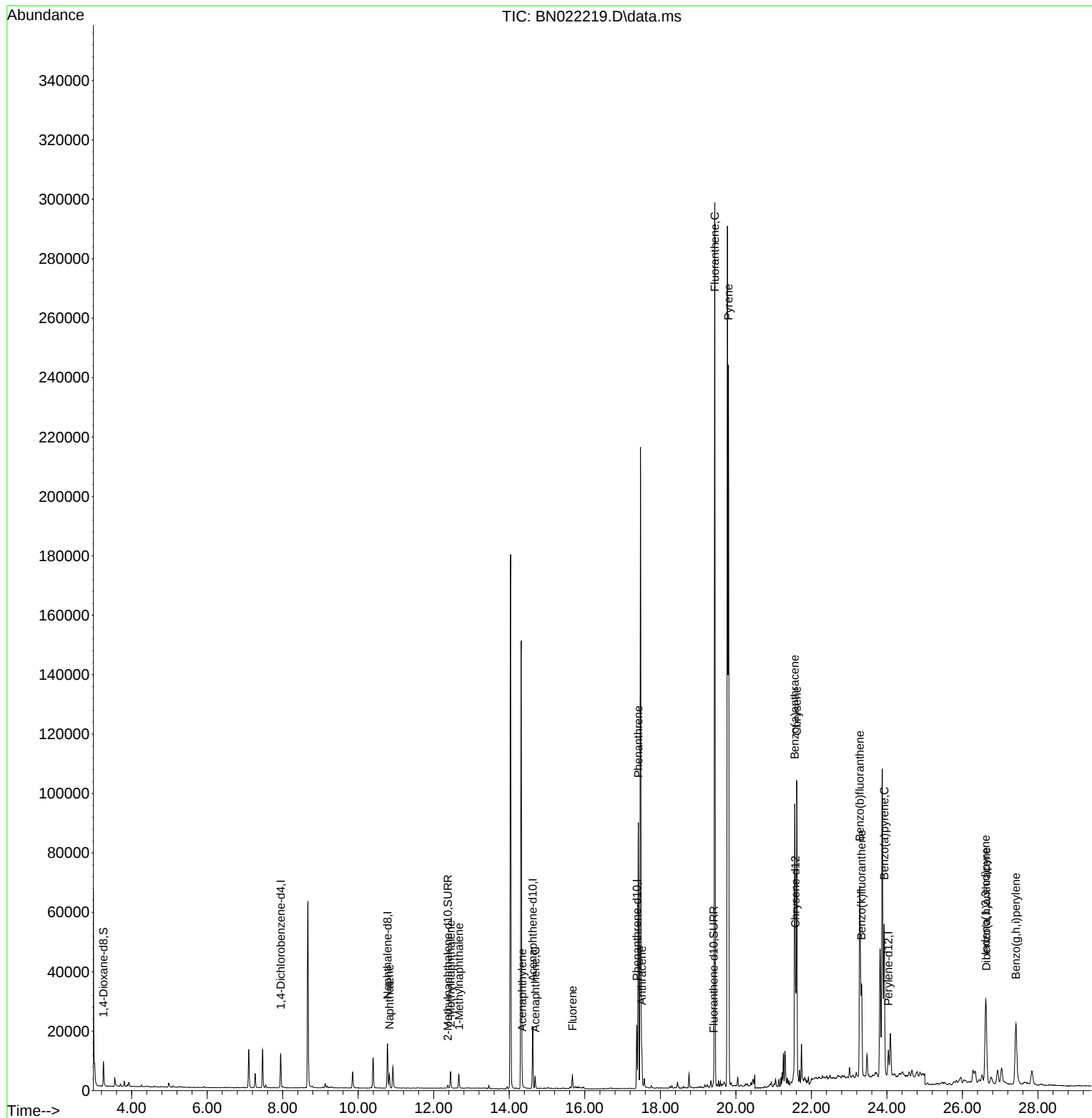
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022219.D
Acq On : 20 Oct 2022 05:39
Operator : CG/JU
Sample : N5023-16DL 5X
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ALS Vial : 25 Sample Multiplier: 1

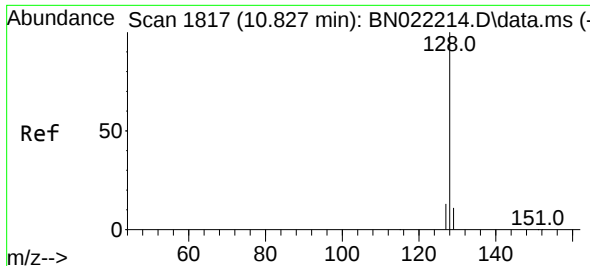
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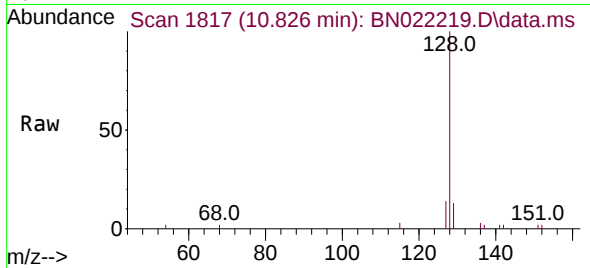
Quant Time: Oct 20 06:27:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.109 ng/ul
RT: 10.826 min Scan# 1817
Delta R.T. -0.005 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39

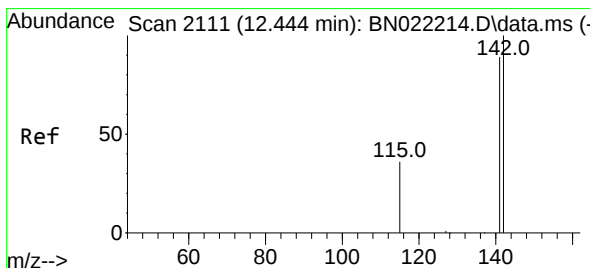
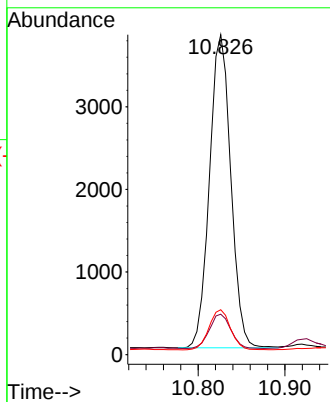
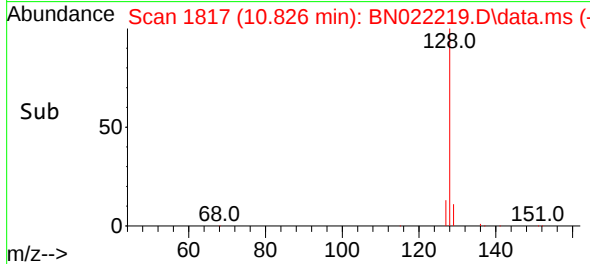
Instrument :
BNA_N
ClientSampleId :
C0BC6DL



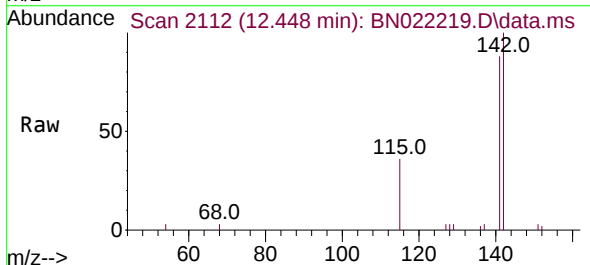
Tgt Ion:128 Resp: 6466
Ion Ratio Lower Upper
128 100
129 12.6 9.3 13.9
127 14.0 10.7 16.1

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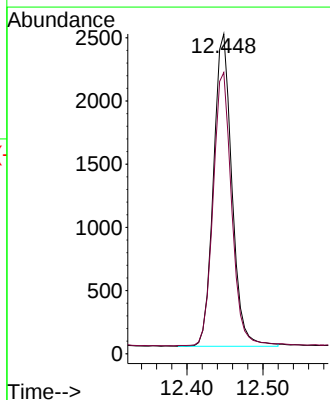
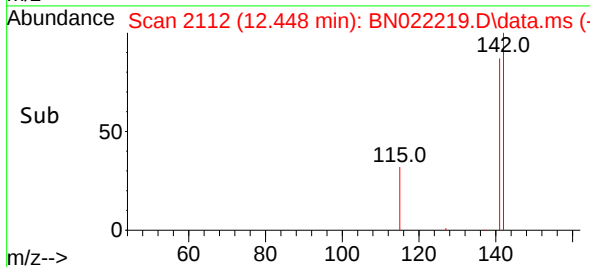
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Supervised By :mohammad ahmed 10/21/2022

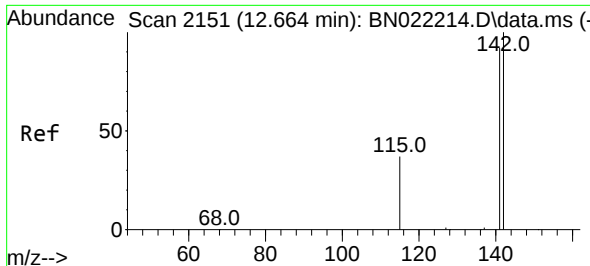


#7
2-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.448 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39



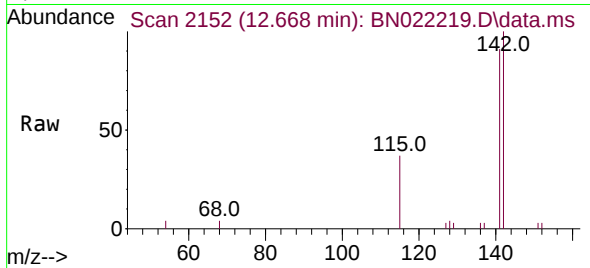
Tgt Ion:142 Resp: 4177
Ion Ratio Lower Upper
142 100
141 87.7 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.668 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39

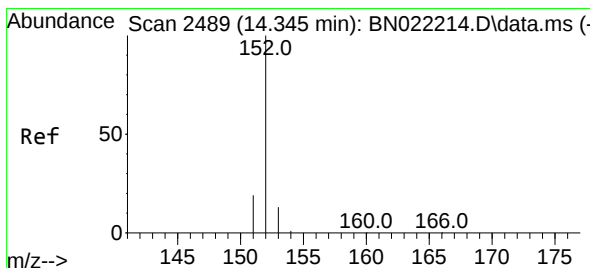
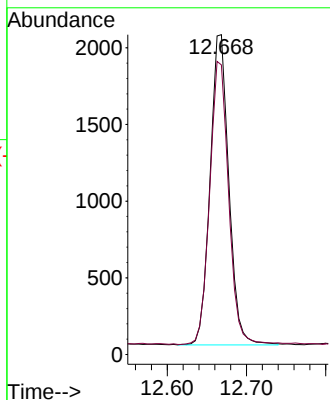
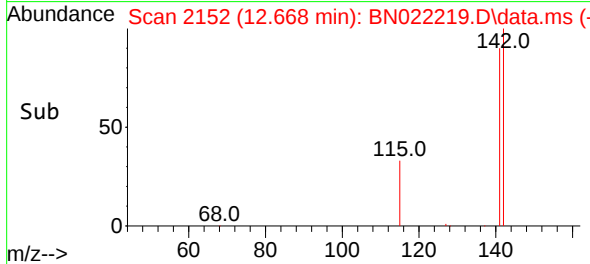
Instrument :
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C0BC6DL



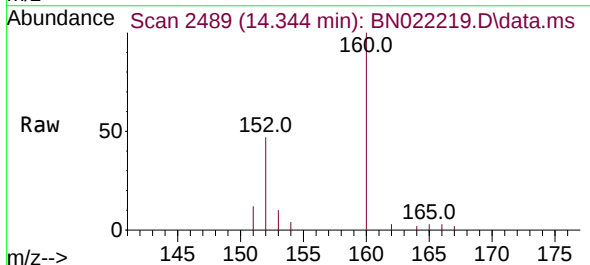
Tgt Ion:142 Resp: 3323
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

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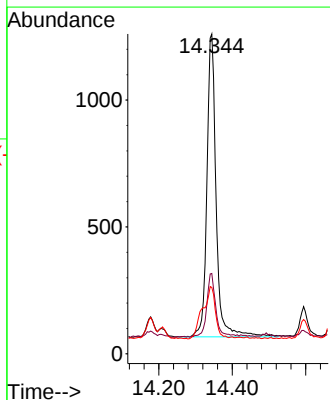
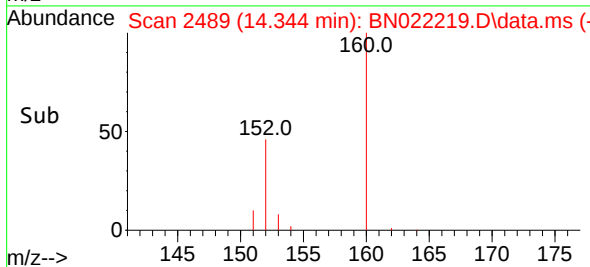
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

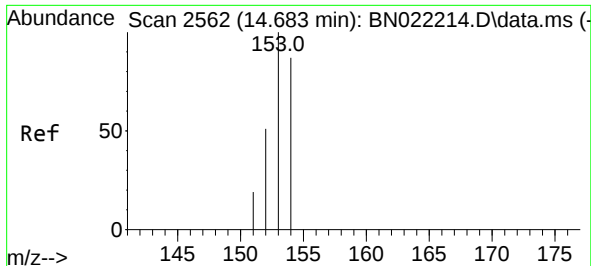


#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.344 min Scan# 2489
Delta R.T. -0.005 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39



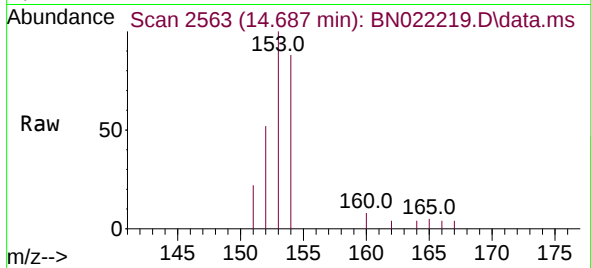
Tgt Ion:152 Resp: 2097
Ion Ratio Lower Upper
152 100
151 25.1 15.9 23.9#
153 20.8 10.8 16.2#





#11
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.687 min Scan# 2563
Delta R.T. 0.000 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39

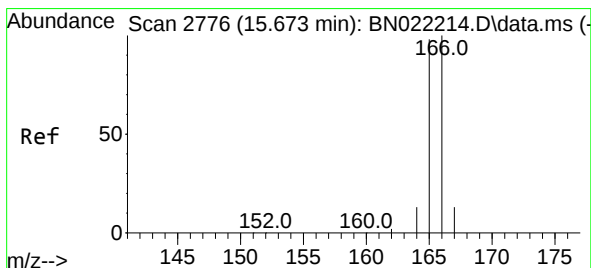
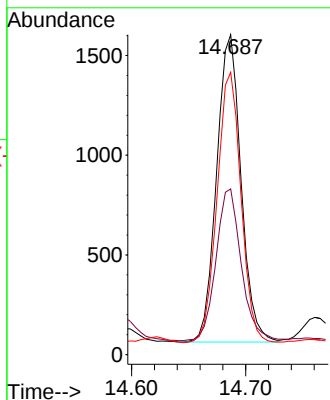
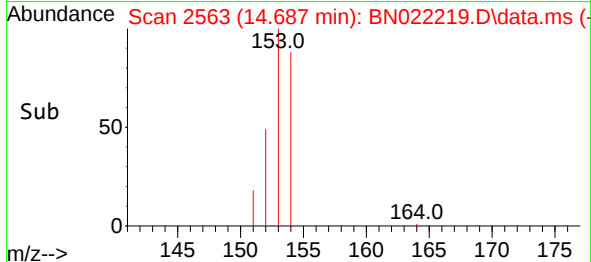
Instrument :
BNA_N
ClientSampleId :
C0BC6DL



Tgt Ion:153 Resp: 2296
Ion Ratio Lower Upper
153 100
152 51.8 40.6 61.0
154 88.2 70.6 106.0

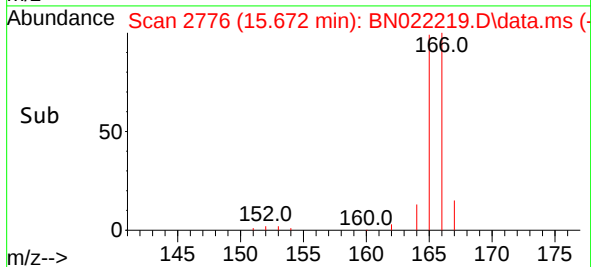
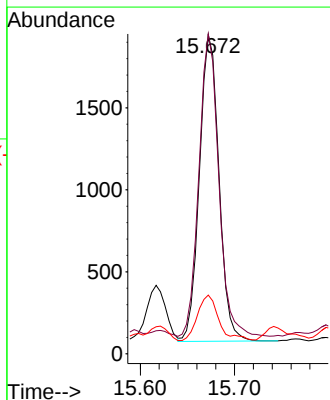
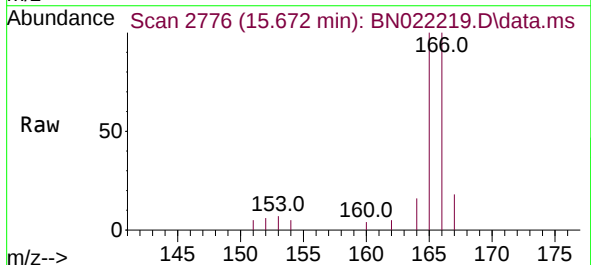
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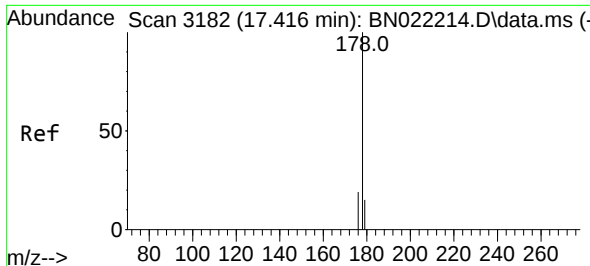
Reviewed By :Jagrut Upadhyay 10/20/2022
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#12
Fluorene
Concen: 0.054 ng/ul
RT: 15.672 min Scan# 2776
Delta R.T. -0.005 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39

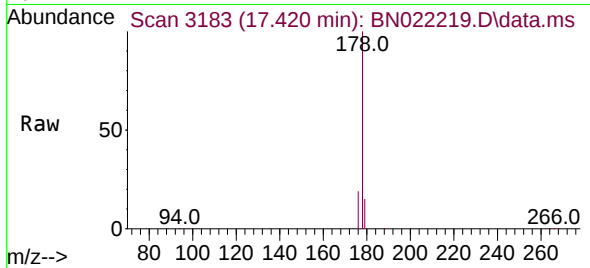
Tgt Ion:166 Resp: 2694
Ion Ratio Lower Upper
166 100
165 100.2 78.2 117.2
167 18.4 11.0 16.4#





#15
Phenanthrene
Concen: 1.213 ng/ul
RT: 17.420 min Scan# 3183
Delta R.T. -0.004 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39

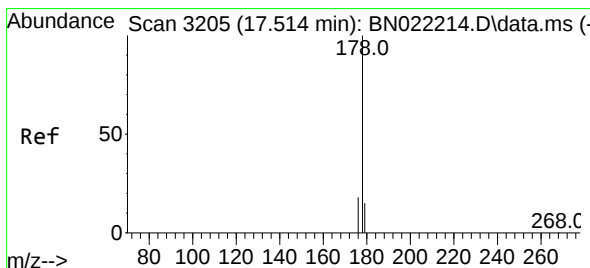
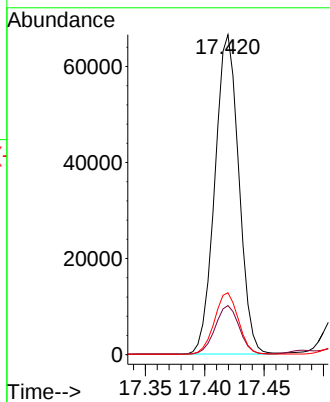
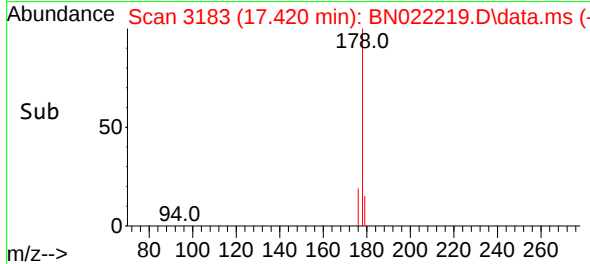
Instrument :
BNA_N
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C0BC6DL



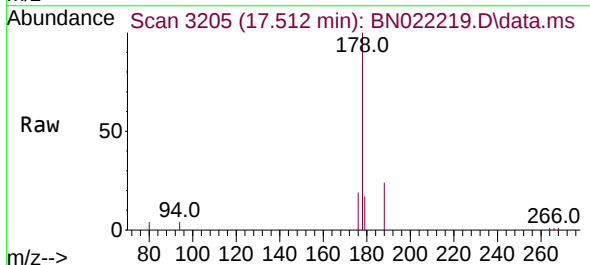
Tgt Ion:178 Resp: 9344
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.3 15.4 23.2

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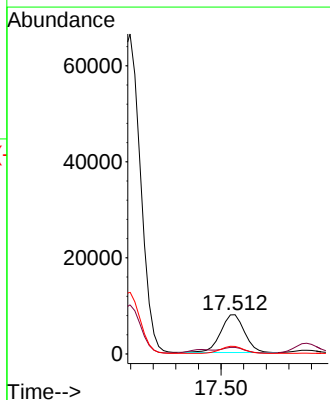
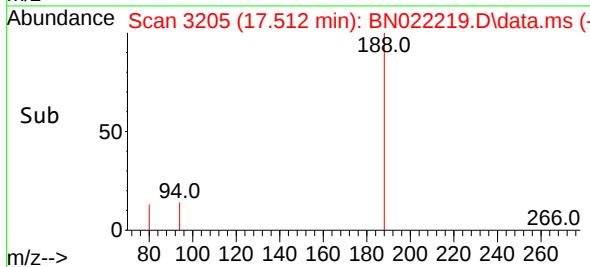
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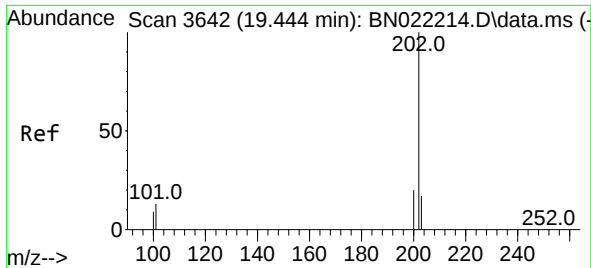


#16
Anthracene
Concen: 0.178 ng/ul
RT: 17.512 min Scan# 3205
Delta R.T. -0.004 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39



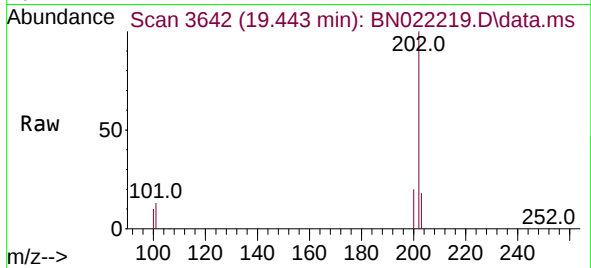
Tgt Ion:178 Resp: 11550
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 19.0 15.0 22.6





#19
Fluoranthene
Concen: 3.371 ng/ul
RT: 19.443 min Scan# 3642
Delta R.T. 0.000 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39

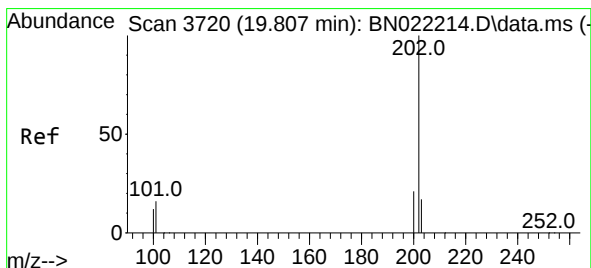
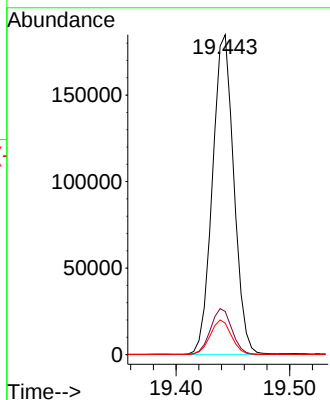
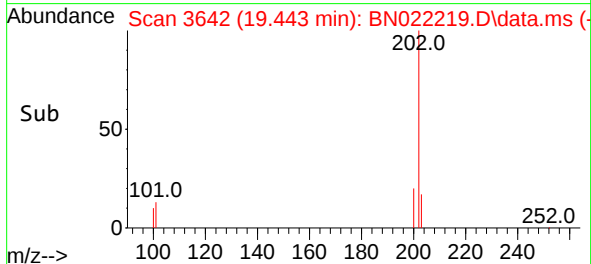
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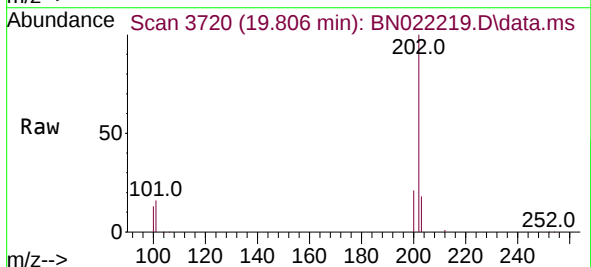
Tgt Ion:202 Resp: 243003
Ion Ratio Lower Upper
202 100
101 13.5 11.8 17.6
100 9.9 8.7 13.1

Manual Integrations
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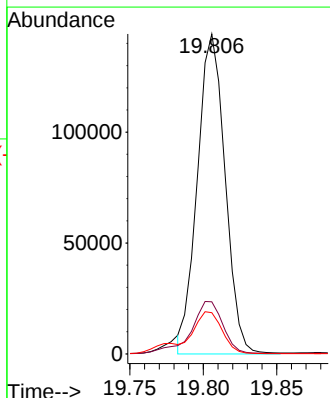
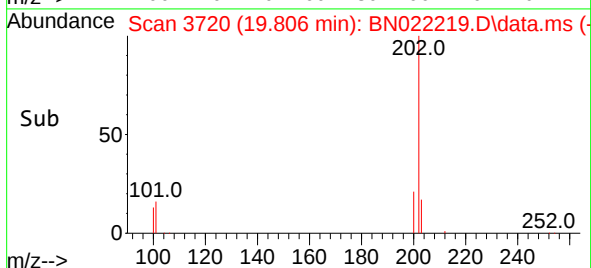
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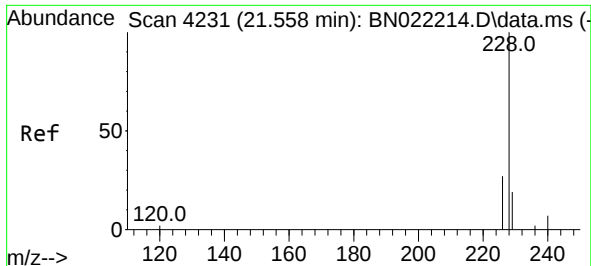


#20
Pyrene
Concen: 2.621 ng/ul m
RT: 19.806 min Scan# 3720
Delta R.T. -0.005 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39



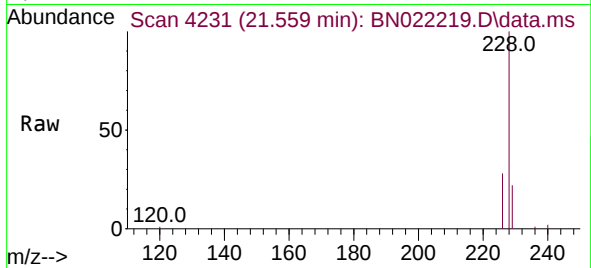
Tgt Ion:202 Resp: 189836
Ion Ratio Lower Upper
202 100
101 16.3 13.1 19.7
100 12.9 10.6 16.0





#21
Benzo(a)anthracene
Concen: 1.385 ng/ul
RT: 21.559 min Scan# 4231
Delta R.T. -0.009 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39

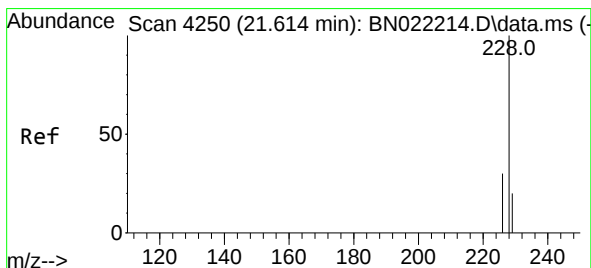
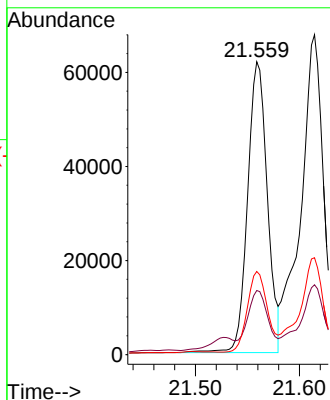
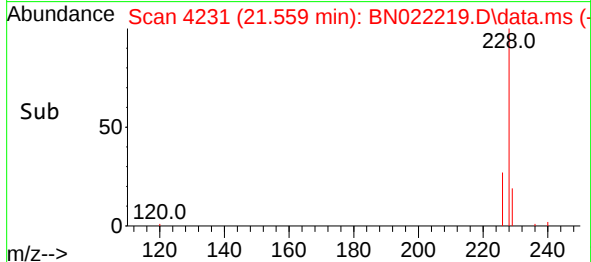
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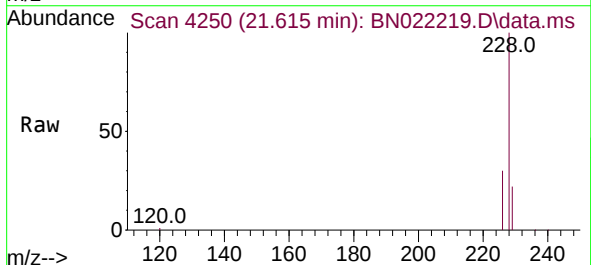
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Ion Ratio Lower Upper
228 100
229 21.9 15.7 23.5
226 28.4 21.5 32.3

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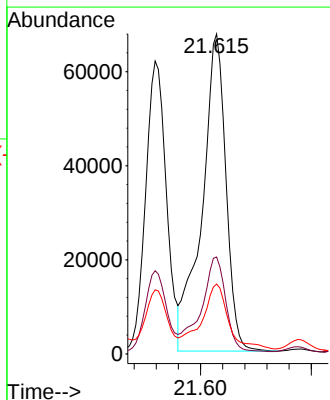
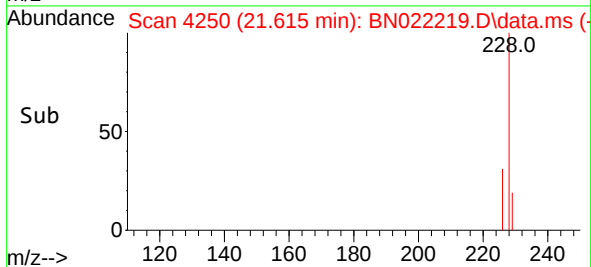
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

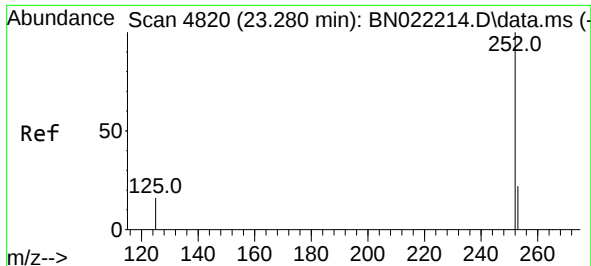


#22
Chrysene
Concen: 1.622 ng/ul
RT: 21.615 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39



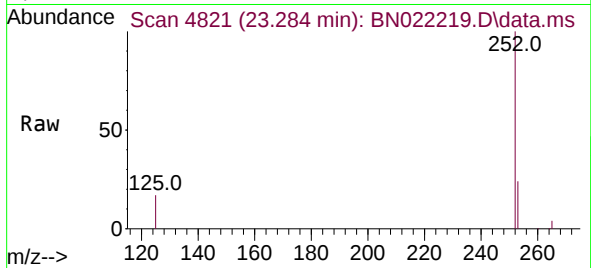
Tgt Ion:228 Resp: 101373
Ion Ratio Lower Upper
228 100
226 30.3 23.9 35.9
229 21.8 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.862 ng/ul m
RT: 23.284 min Scan# 4820
Delta R.T. -0.006 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39

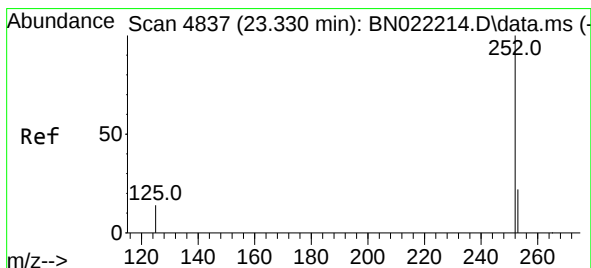
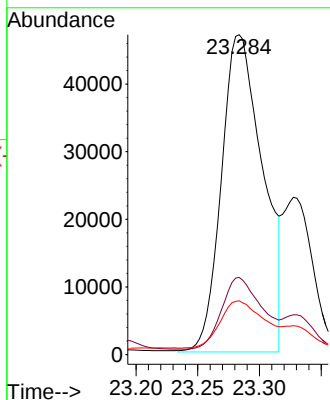
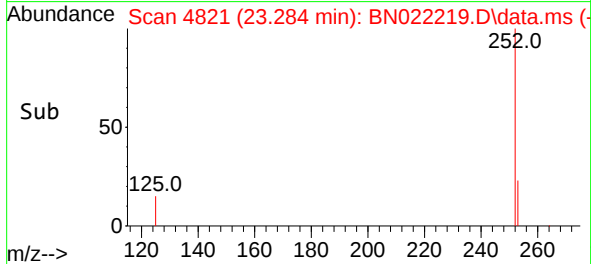
Instrument :
BNA_N
ClientSampleId :
C0BC6DL



Tgt Ion:252 Resp: 109700
Ion Ratio Lower Upper
252 100
253 24.1 0.0 49.0
125 16.8 0.0 35.2

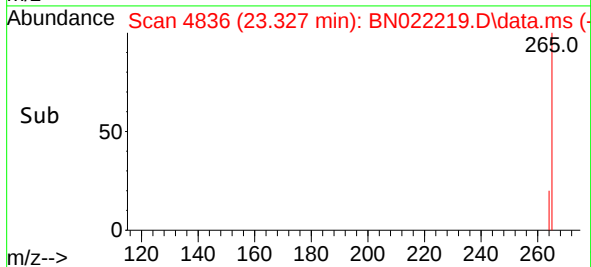
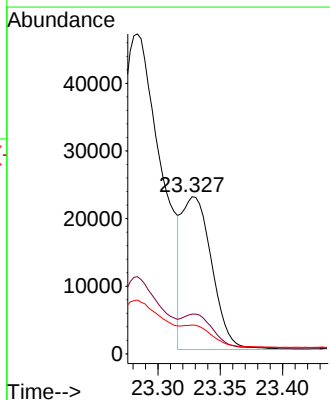
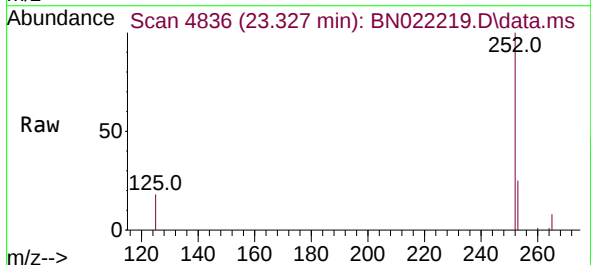
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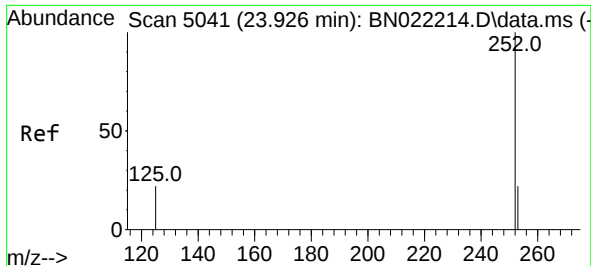
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022



#25
Benzo(k)fluoranthene
Concen: 0.662 ng/ul m
RT: 23.327 min Scan# 4836
Delta R.T. -0.012 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39

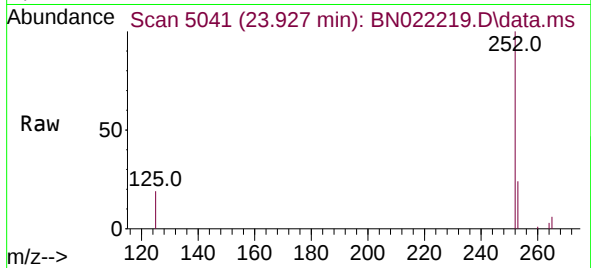
Tgt Ion:252 Resp: 37933
Ion Ratio Lower Upper
252 100
253 25.3 19.7 29.5
125 18.3 14.0 21.0





#26
Benzo(a)pyrene
Concen: 1.601 ng/ul
RT: 23.927 min Scan# 5041
Delta R.T. -0.009 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39

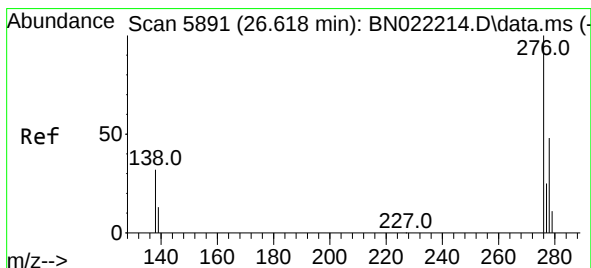
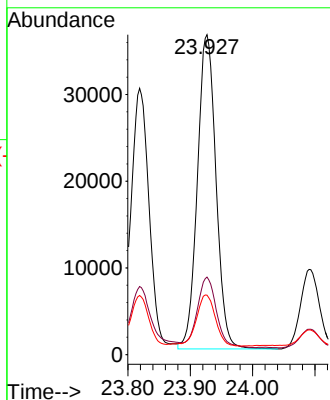
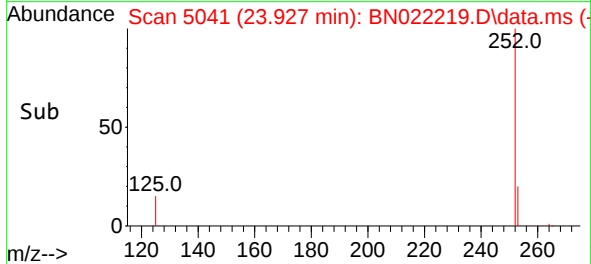
Instrument :
BNA_N
ClientSampleId :
C0BC6DL



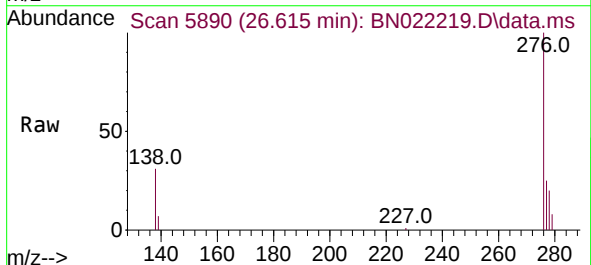
Tgt Ion:252 Resp: 75223
Ion Ratio Lower Upper
252 100
253 24.2 21.0 31.6
125 18.6 17.9 26.9

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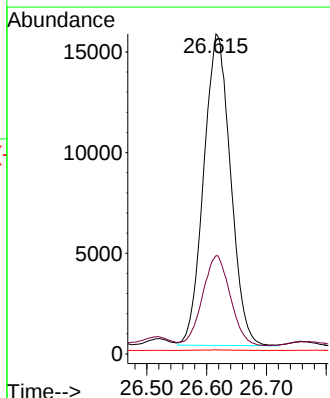
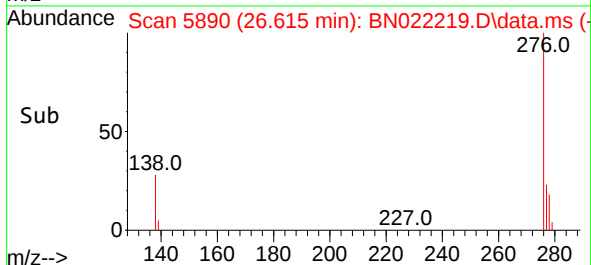
Reviewed By :Jagrut Upadhyay 10/20/2022
Supervised By :mohammad ahmed 10/21/2022

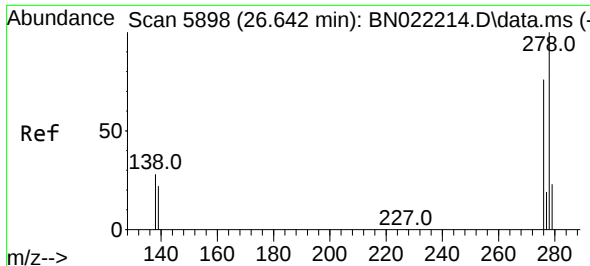


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.825 ng/ul
RT: 26.615 min Scan# 5890
Delta R.T. -0.020 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39



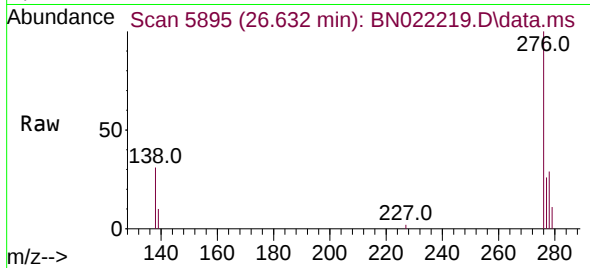
Tgt Ion:276 Resp: 48178
Ion Ratio Lower Upper
276 100
138 30.0 27.7 41.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.269 ng/ul
RT: 26.632 min Scan# 5898
Delta R.T. -0.023 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39

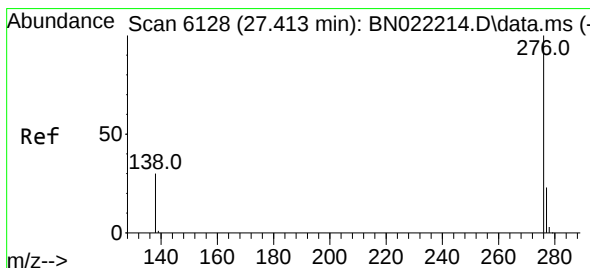
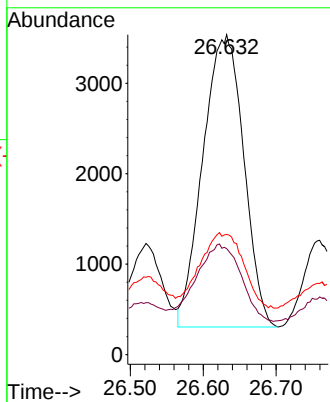
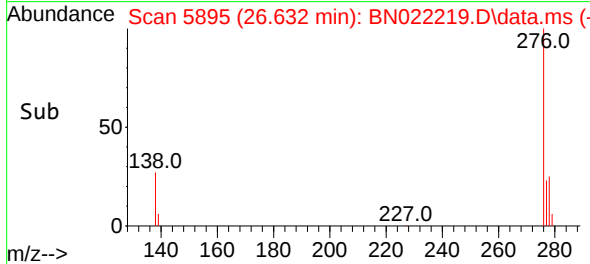
Instrument :
BNA_N
ClientSampleId :
C0BC6DL



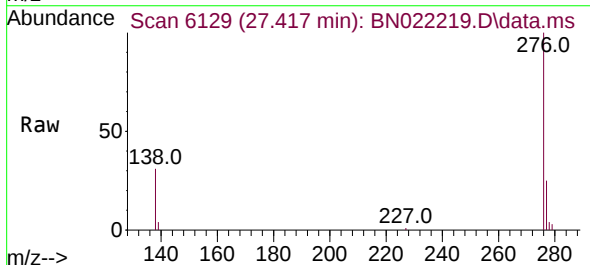
Tgt Ion:278 Resp: 12565
Ion Ratio Lower Upper
278 100
139 33.1 19.6 29.4
279 37.5 20.6 30.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.956 ng/ul
RT: 27.417 min Scan# 6129
Delta R.T. -0.013 min
Lab File: BN022219.D
Acq: 20 Oct 2022 05:39



Tgt Ion:276 Resp: 45509
Ion Ratio Lower Upper
276 100
138 31.2 25.2 37.8
277 25.2 19.9 29.9

