

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022300.D
 Acq On : 24 Oct 2022 15:53
 Operator : CG/JU
 Sample : N5070-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 04:21:55 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 : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	3871	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	13326	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	7256	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	12916	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	8405	0.400	ng/ul	0.00
23) Perylene-d12	24.034	264	7918	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	21865	4.346	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.366	152	5930	0.294	ng/ul	0.00
18) Fluoranthene-d10	19.410	212	10079	0.357	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.821	128	11642	0.296	ng/ul	99
7) 2-Methylnaphthalene	12.443	142	9943	0.401	ng/ul	99
8) 1-Methylnaphthalene	12.663	142	8316	0.326	ng/ul	100
10) Acenaphthylene	14.340	152	1213	0.037	ng/ul#	64
12) Fluorene	15.667	166	784	0.025	ng/ul#	87
15) Phenanthrene	17.415	178	13430	0.310	ng/ul	99
16) Anthracene	17.504	178	2249m	0.062	ng/ul	
19) Fluoranthene	19.438	202	12465	0.324	ng/ul	99
20) Pyrene	19.801	202	11441m	0.296	ng/ul	
21) Benzo(a)anthracene	21.559	228	5246	0.167	ng/ul	92
22) Chrysene	21.611	228	7040	0.211	ng/ul#	94
24) Benzo(b)fluoranthene	23.283	252	10750m	0.270	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	3608m	0.093	ng/ul	
26) Benzo(a)pyrene	23.923	252	6056	0.191	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.615	276	5850	0.148	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.625	278	1455	0.046	ng/ul#	40
29) Benzo(g,h,i)perylene	27.413	276	4746	0.148	ng/ul	91

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

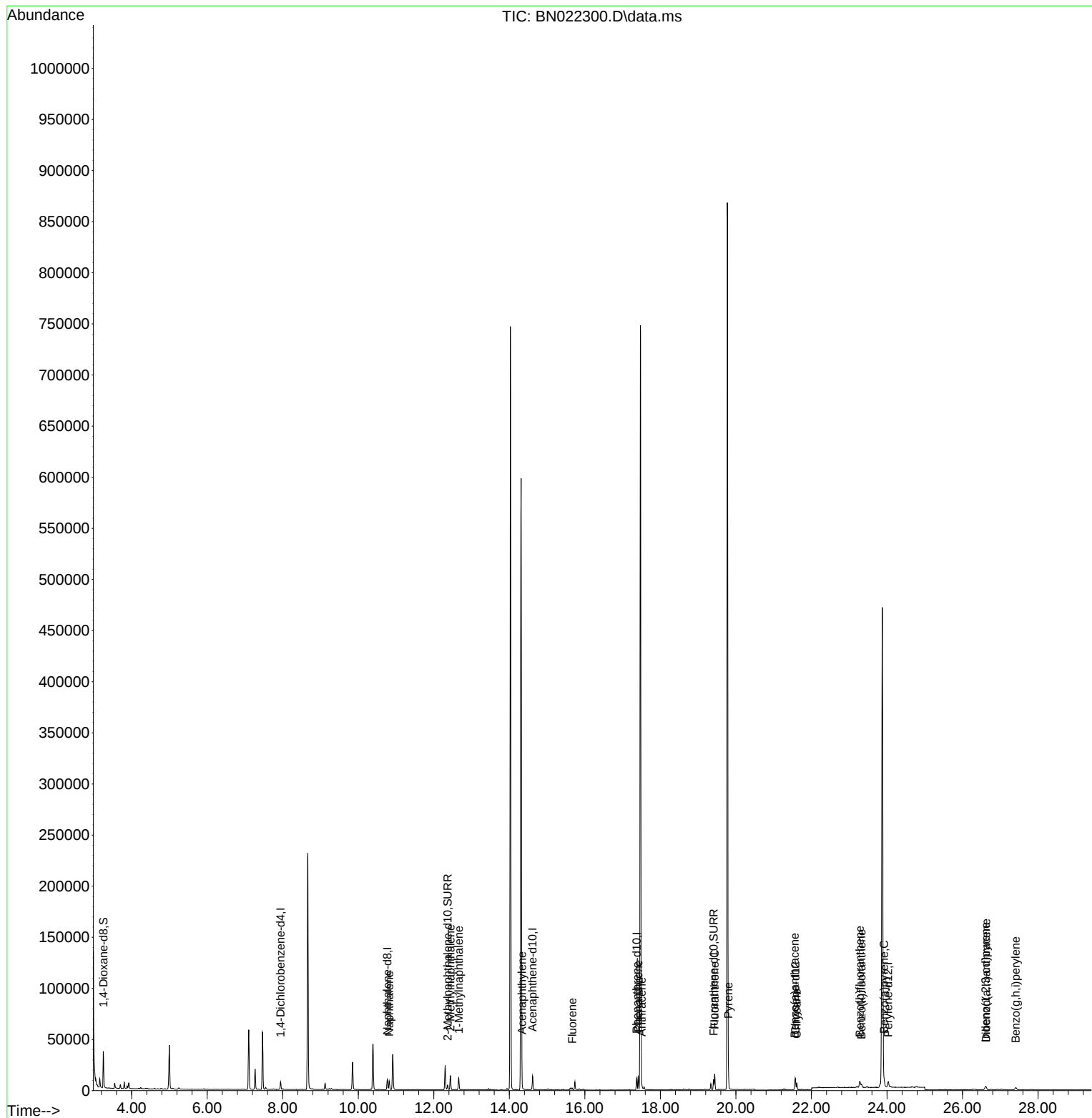
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022300.D
Acq On : 24 Oct 2022 15:53
Operator : CG/JU
Sample : N5070-09
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ALS Vial : 13 Sample Multiplier: 1

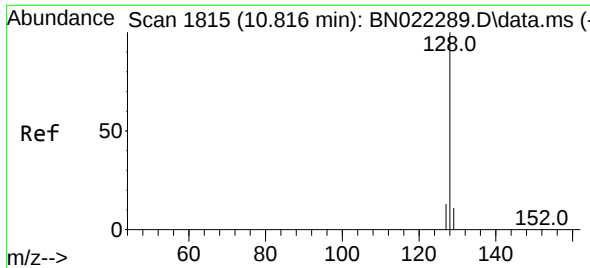
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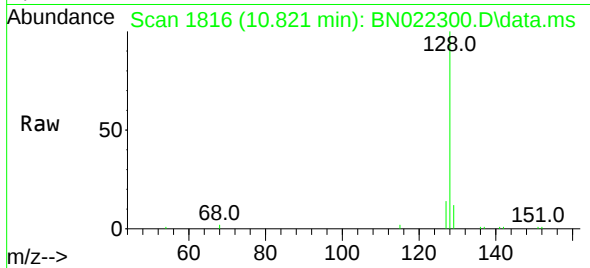
Quant Time: Oct 25 04:21:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.296 ng/ul
RT: 10.821 min Scan# 1164
Delta R.T. -0.001 min
Lab File: BN022300.D
Acq: 24 Oct 2022 15:53

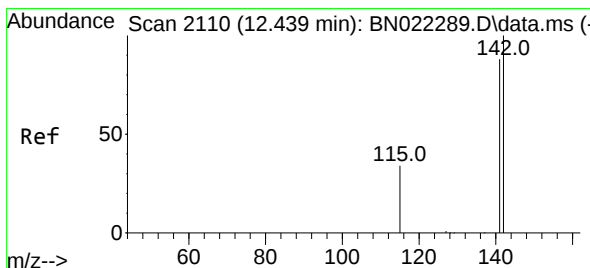
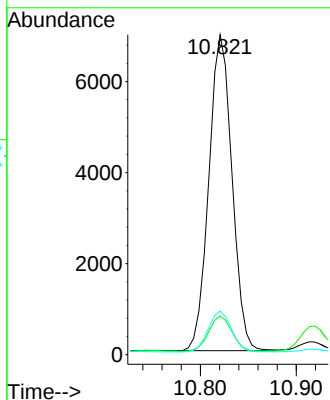
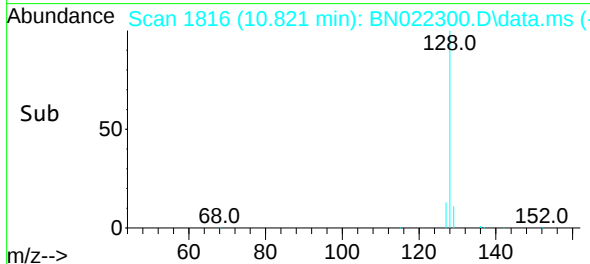
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BNA_N
ClientSampleId :
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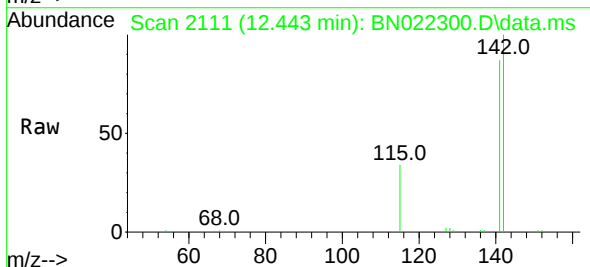
Tgt Ion:128 Resp: 1164
Ion Ratio Lower Upper
128 100
129 12.1 9.3 13.9
127 13.7 10.7 16.1

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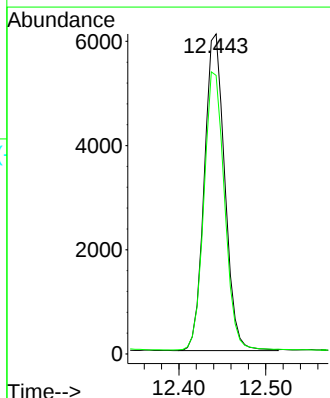
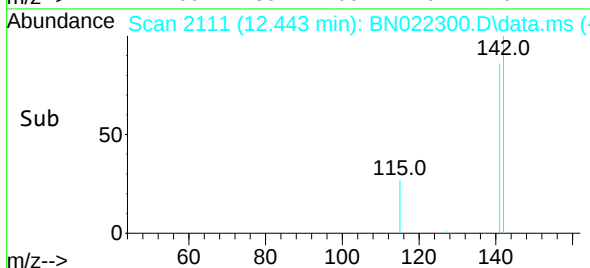
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

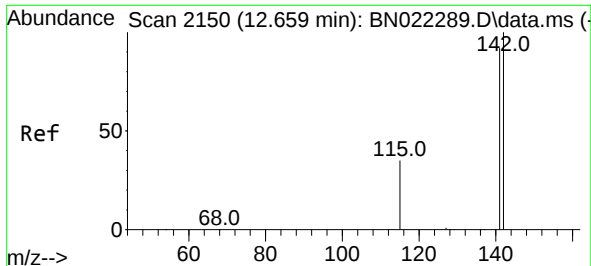


#7
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.001 min
Lab File: BN022300.D
Acq: 24 Oct 2022 15:53



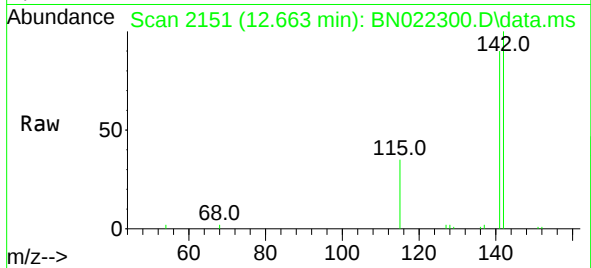
Tgt Ion:142 Resp: 9943
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.326 ng/u1
RT: 12.663 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BN022300.D
Acq: 24 Oct 2022 15:53

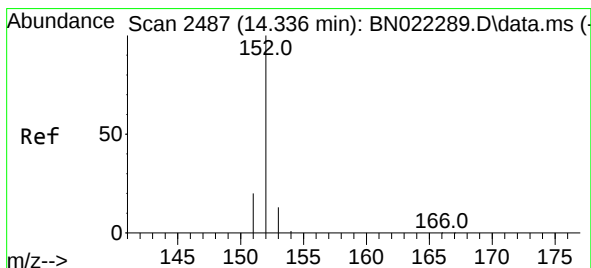
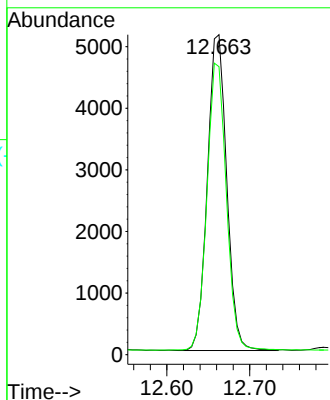
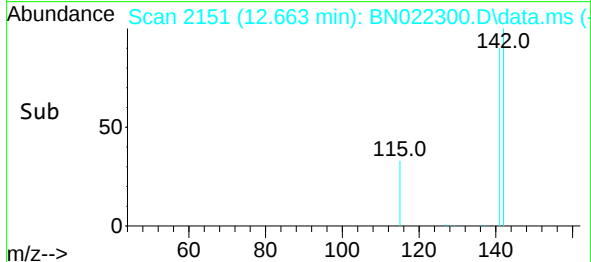
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ClientSampleId :
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Tgt Ion:142 Resp: 8310
Ion Ratio Lower Upper
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141 91.2 73.3 109.9

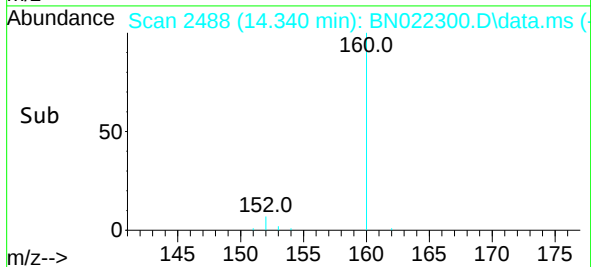
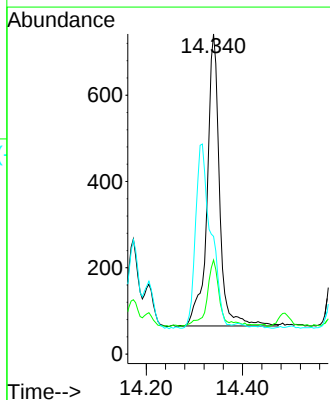
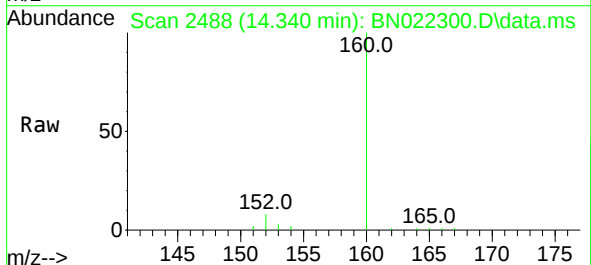
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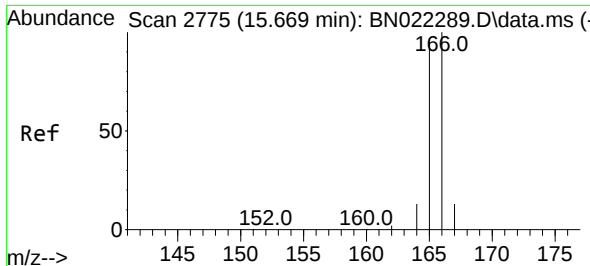
Reviewed By :Jagrut Upadhyay 10/25/2022
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#10
Acenaphthylene
Concen: 0.037 ng/u1
RT: 14.340 min Scan# 2488
Delta R.T. -0.001 min
Lab File: BN022300.D
Acq: 24 Oct 2022 15:53

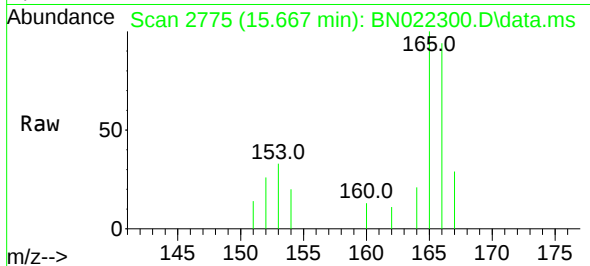
Tgt Ion:152 Resp: 1213
Ion Ratio Lower Upper
152 100
151 29.4 15.9 23.9#
153 36.8 10.8 16.2#





#12
Fluorene
Concen: 0.025 ng/u1
RT: 15.667 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN022300.D
Acq: 24 Oct 2022 15:53

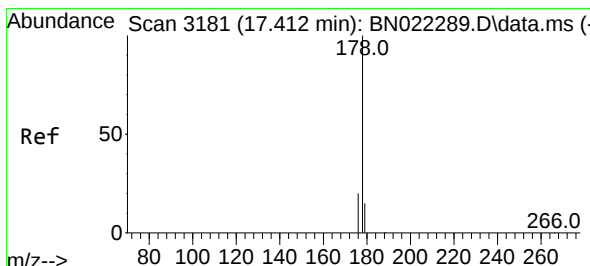
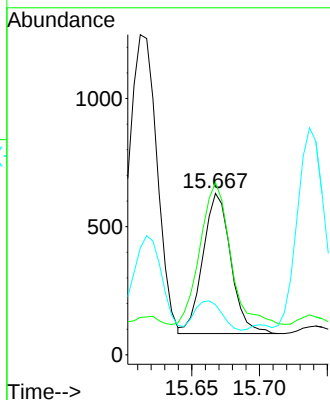
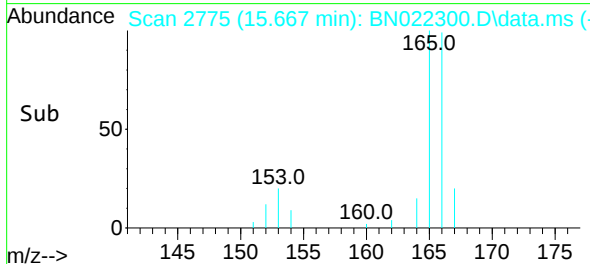
Instrument :
BNA_N
ClientSampleId :
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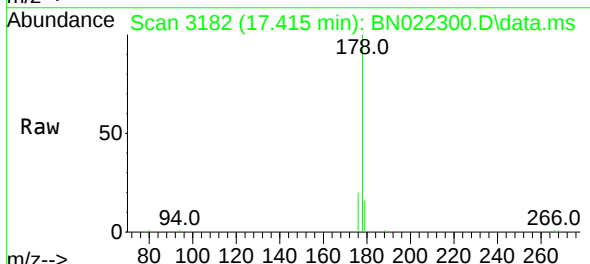
Tgt Ion:166 Resp: 784
Ion Ratio Lower Upper
166 100
165 106.7 78.2 117.2
167 31.0 11.0 16.4

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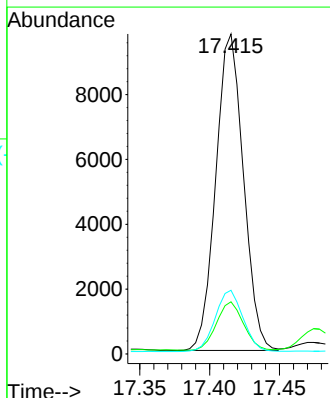
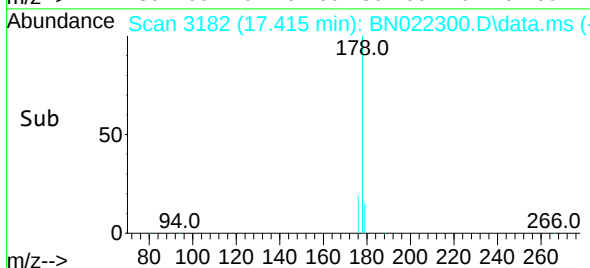
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

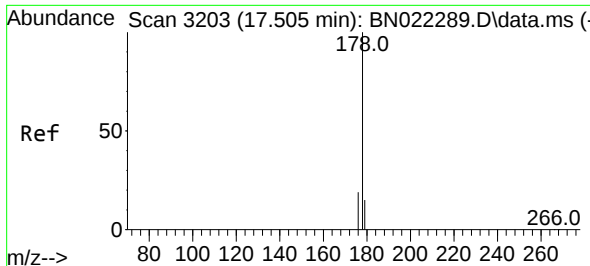


#15
Phenanthrene
Concen: 0.310 ng/u1
RT: 17.415 min Scan# 3182
Delta R.T. -0.001 min
Lab File: BN022300.D
Acq: 24 Oct 2022 15:53



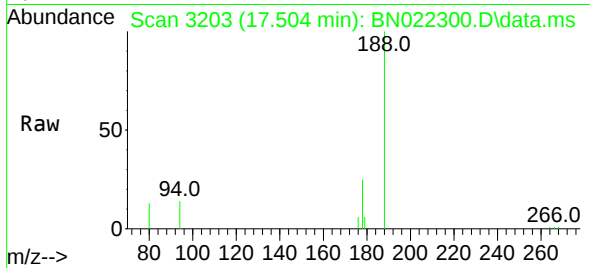
Tgt Ion:178 Resp: 13430
Ion Ratio Lower Upper
178 100
179 16.3 12.7 19.1
176 19.9 15.4 23.2





#16
 Anthracene
 Concen: 0.062 ng/ul m
 RT: 17.504 min Scan# 3203
 Delta R.T. -0.006 min
 Lab File: BN022300.D
 Acq: 24 Oct 2022 15:53

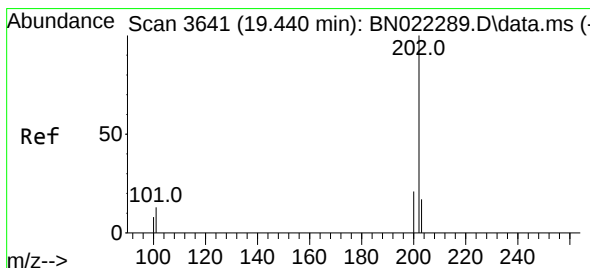
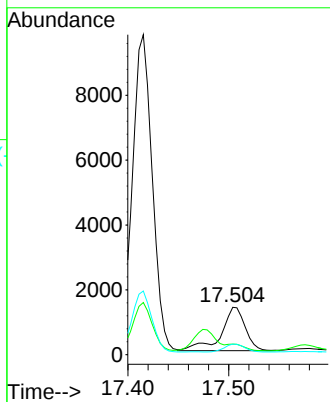
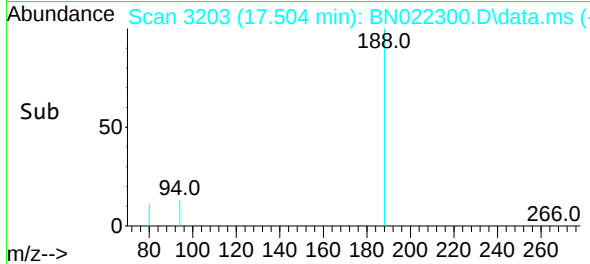
Instrument :
 BNA_N
 ClientSampleId :
 C0BQ7



Tgt Ion:178 Resp: 2249
 Ion Ratio Lower Upper
 178 100
 179 22.5 12.6 18.8
 176 22.5 15.0 22.6

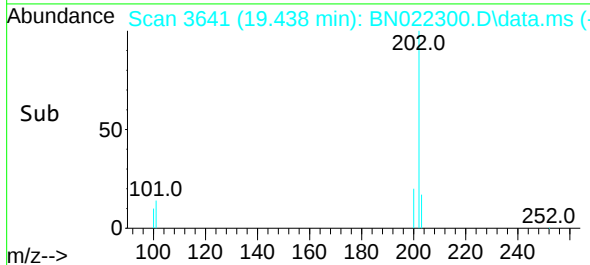
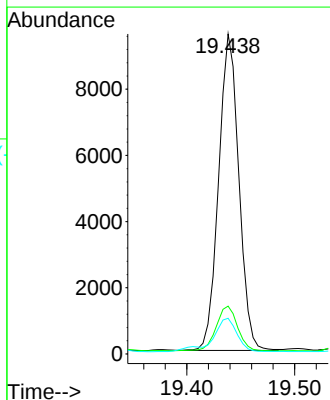
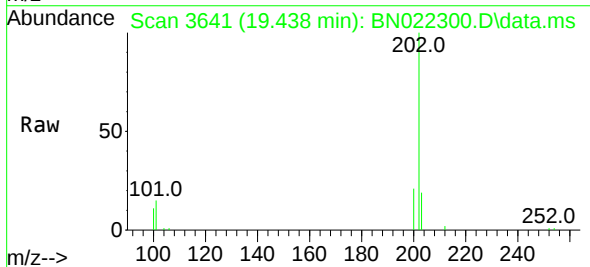
Manual Integrations
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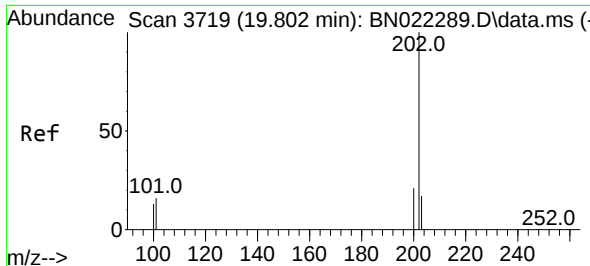
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#19
 Fluoranthene
 Concen: 0.324 ng/ul
 RT: 19.438 min Scan# 3641
 Delta R.T. -0.002 min
 Lab File: BN022300.D
 Acq: 24 Oct 2022 15:53

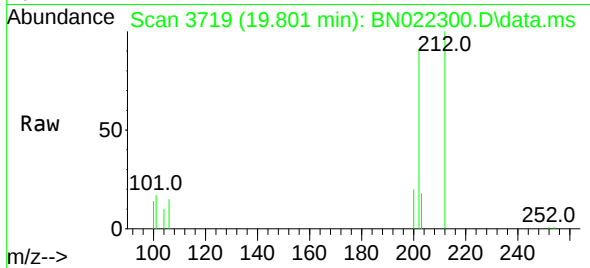
Tgt Ion:202 Resp: 12465
 Ion Ratio Lower Upper
 202 100
 101 14.9 11.8 17.6
 100 11.2 8.7 13.1





#20
Pyrene
Concen: 0.296 ng/ul m
RT: 19.801 min Scan# 3719
Delta R.T. -0.002 min
Lab File: BN022300.D
Acq: 24 Oct 2022 15:53

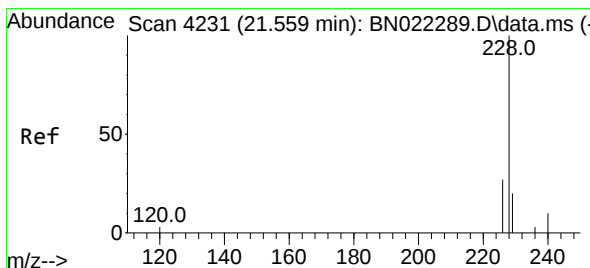
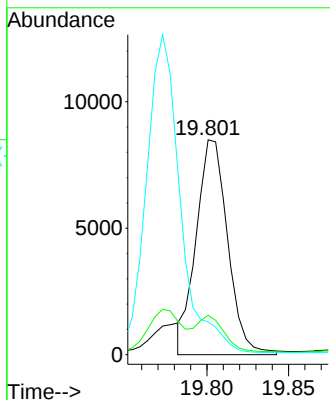
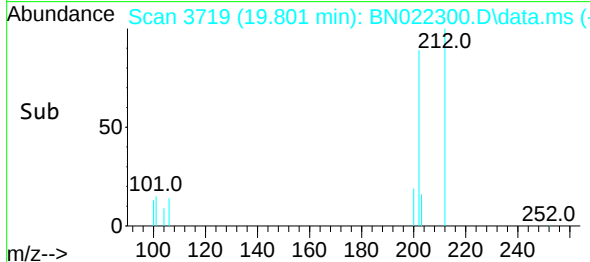
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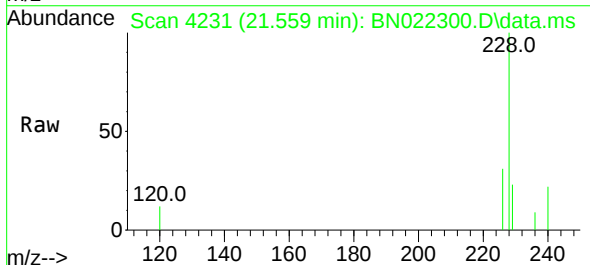
Tgt Ion:202 Resp: 1144
Ion Ratio Lower Upper
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101 18.3 13.1 19.7
100 15.3 10.6 16.0

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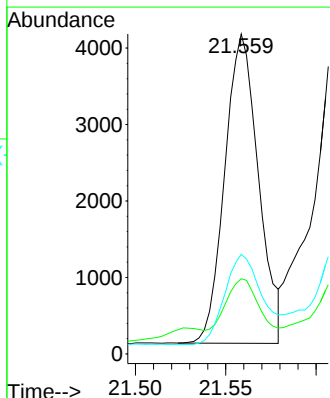
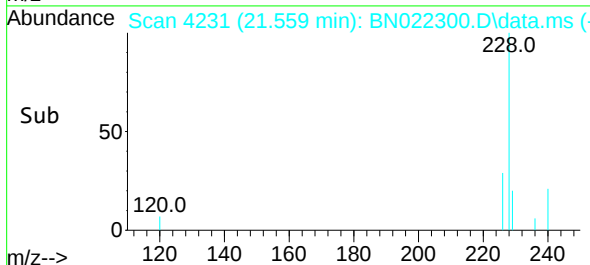
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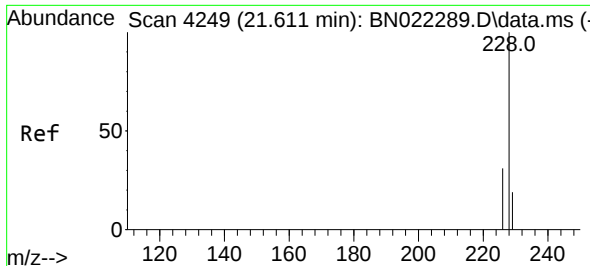


#21
Benzo(a)anthracene
Concen: 0.167 ng/ul
RT: 21.559 min Scan# 4231
Delta R.T. -0.000 min
Lab File: BN022300.D
Acq: 24 Oct 2022 15:53



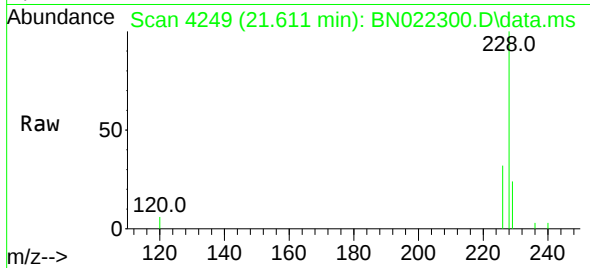
Tgt Ion:228 Resp: 5246
Ion Ratio Lower Upper
228 100
229 23.5 15.7 23.5
226 31.2 21.5 32.3





#22
Chrysene
Concen: 0.211 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.000 min
Lab File: BN022300.D
Acq: 24 Oct 2022 15:53

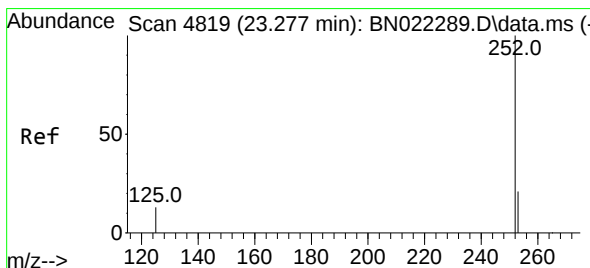
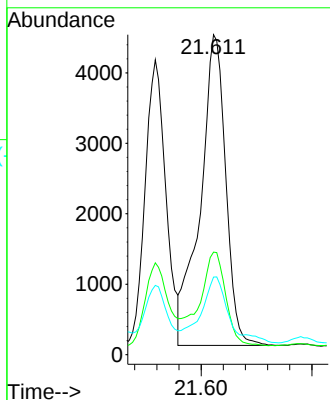
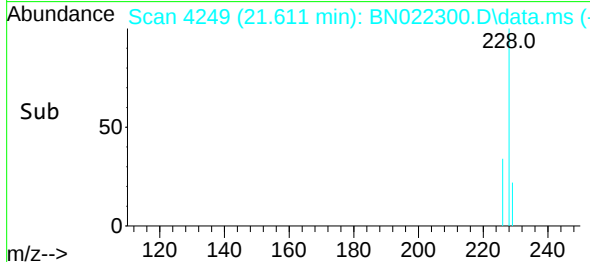
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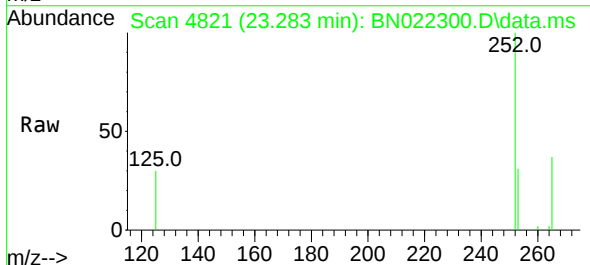
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Ion Ratio Lower Upper
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226 32.1 23.9 35.9
229 24.3 15.9 23.9

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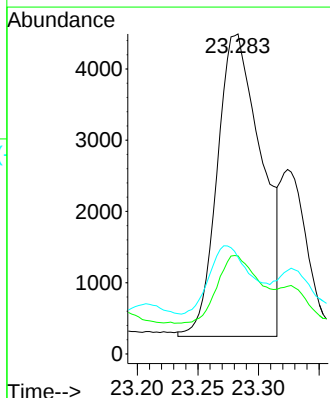
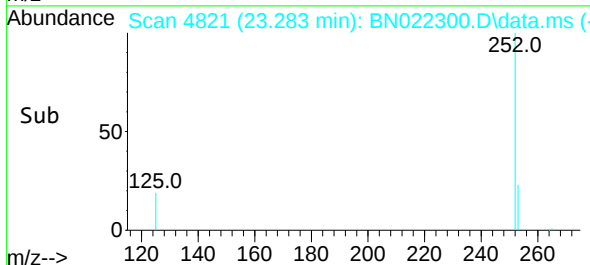
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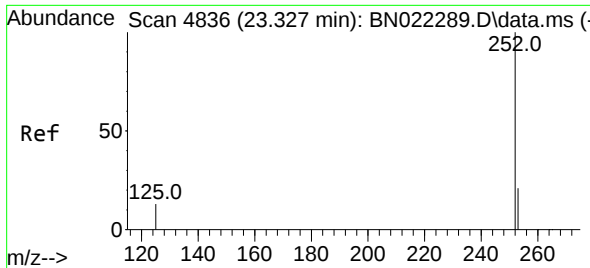


#24
Benzo(b)fluoranthene
Concen: 0.270 ng/ul m
RT: 23.283 min Scan# 4821
Delta R.T. 0.006 min
Lab File: BN022300.D
Acq: 24 Oct 2022 15:53



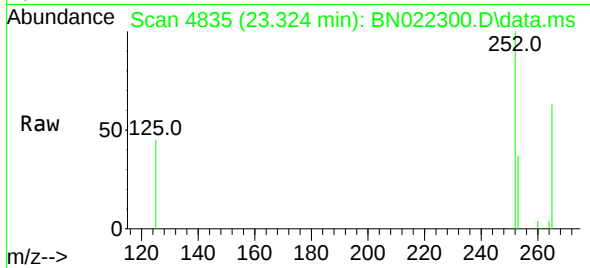
Tgt Ion:252 Resp: 10750
Ion Ratio Lower Upper
252 100
253 30.6 0.0 49.0
125 30.2 0.0 35.2





#25
Benzo(k)fluoranthene
Concen: 0.093 ng/ul m
RT: 23.324 min Scan# 4836
Delta R.T. -0.003 min
Lab File: BN022300.D
Acq: 24 Oct 2022 15:53

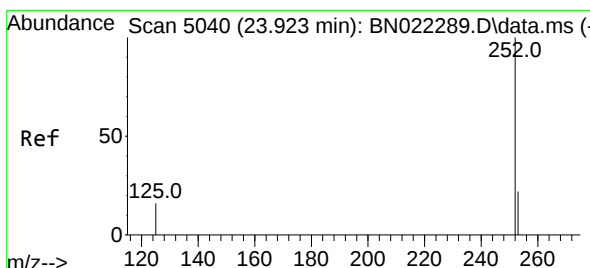
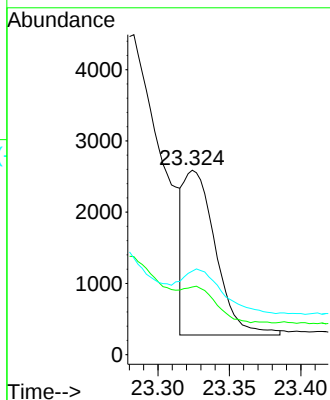
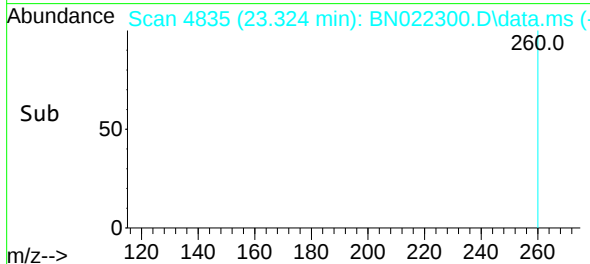
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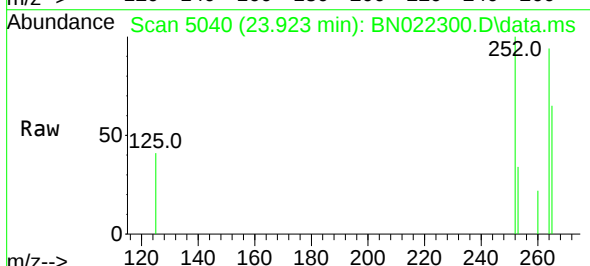
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Ion Ratio Lower Upper
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253 36.6 19.7 29.5#
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Manual Integrations
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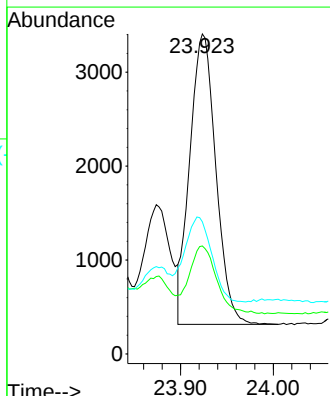
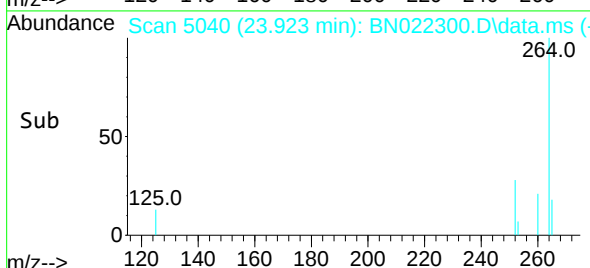
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

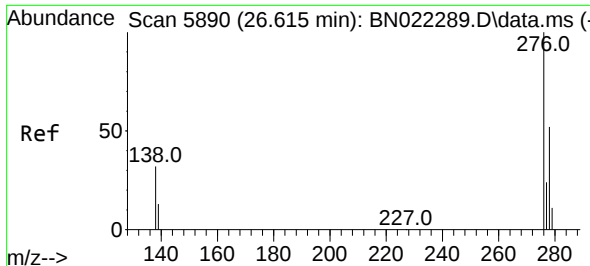


#26
Benzo(a)pyrene
Concen: 0.191 ng/ul
RT: 23.923 min Scan# 5040
Delta R.T. 0.003 min
Lab File: BN022300.D
Acq: 24 Oct 2022 15:53



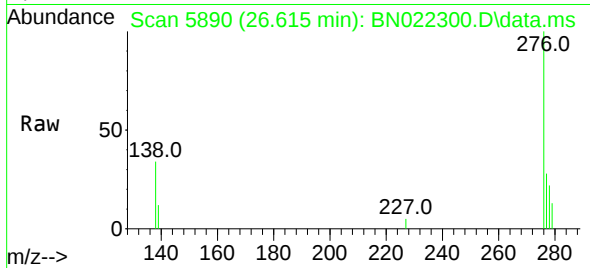
Tgt Ion:252 Resp: 6056
Ion Ratio Lower Upper
252 100
253 33.8 21.0 31.6#
125 41.3 17.9 26.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.148 ng/ul
RT: 26.615 min Scan# 5890
Delta R.T. -0.000 min
Lab File: BN022300.D
Acq: 24 Oct 2022 15:53

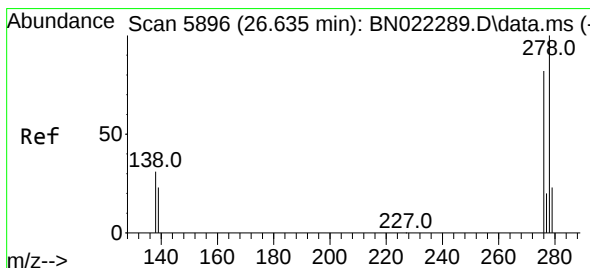
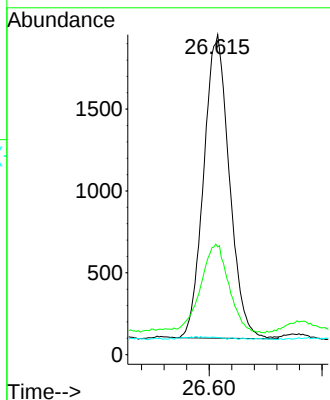
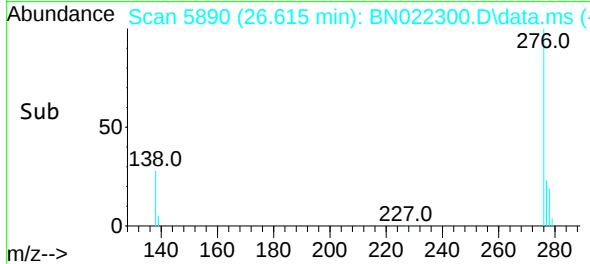
Instrument :
BNA_N
ClientSampleId :
C0BQ7



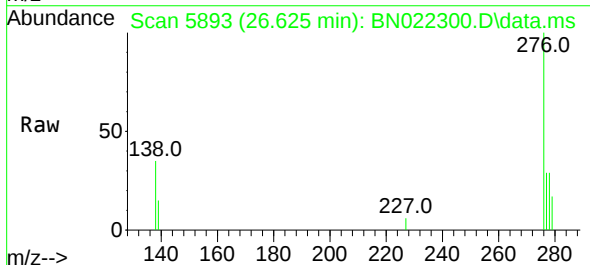
Tgt Ion: 276 Resp: 5850
Ion Ratio Lower Upper
276 100
138 32.3 27.7 41.5
227 0.0 0.2 0.2

Manual Integrations
APPROVED

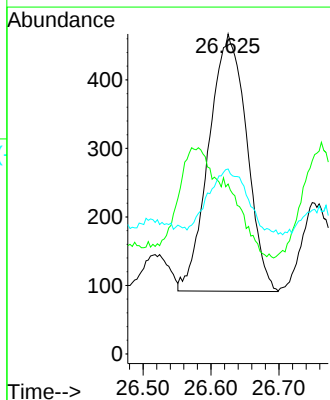
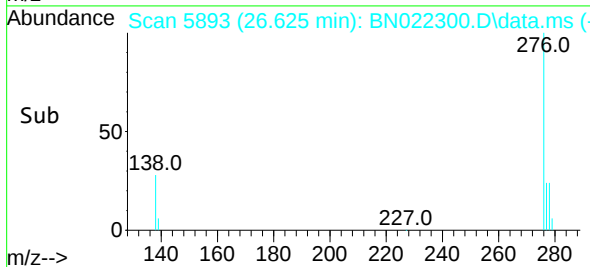
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

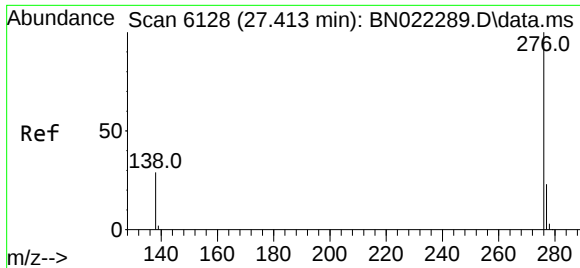


#28
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 26.625 min Scan# 5893
Delta R.T. -0.013 min
Lab File: BN022300.D
Acq: 24 Oct 2022 15:53



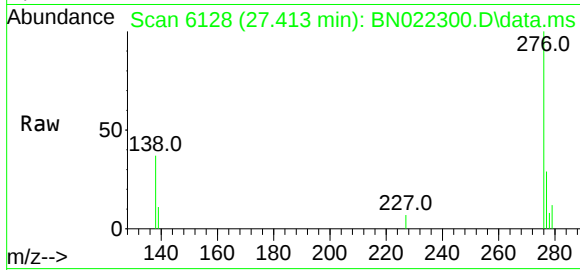
Tgt Ion: 278 Resp: 1455
Ion Ratio Lower Upper
278 100
139 53.1 19.6 29.4#
279 57.8 20.6 30.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.148 ng/ul
 RT: 27.413 min Scan# 6128
 Delta R.T. 0.003 min
 Lab File: BN022300.D
 Acq: 24 Oct 2022 15:53

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ7



Tgt Ion:	276	Resp:	474
Ion Ratio	Lower	Upper	
276	100		
138	36.8	25.2	37.8
277	28.6	19.9	29.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

