

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022312.D
 Acq On : 24 Oct 2022 23:57
 Operator : CG/JU
 Sample : N5015-02DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1BE1DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 04:53:24 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	4210	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	15071	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8479	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.370	188	16733	0.400	ng/ul	0.00
17) Chrysene-d12	21.570	240	10355	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	7789	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	3816	0.697	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	1120	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	2090	0.060	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.336	152	6054	0.159	ng/ul	97
11) Acenaphthene	14.679	153	4769	0.149	ng/ul	99
12) Fluorene	15.669	166	8067	0.216	ng/ul	99
15) Phenanthrene	17.412	178	267065	4.754	ng/ul	99
16) Anthracene	17.505	178	23655	0.500	ng/ul	99
19) Fluoranthene	19.435	202	610558	12.873	ng/ul	99
20) Pyrene	19.802	202	485569	10.191	ng/ul	99
21) Benzo(a)anthracene	21.556	228	160105	4.127	ng/ul	99
22) Chrysene	21.608	228	213357	5.188	ng/ul	98
24) Benzo(b)fluoranthene	23.277	252	259958m	6.646	ng/ul	
25) Benzo(k)fluoranthene	23.318	252	96329m	2.533	ng/ul	
26) Benzo(a)pyrene	23.918	252	146072	4.684	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.605	276	121713	3.140	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.622	278	25435	0.821	ng/ul	97
29) Benzo(g,h,i)perylene	27.407	276	108846	3.447	ng/ul	98

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

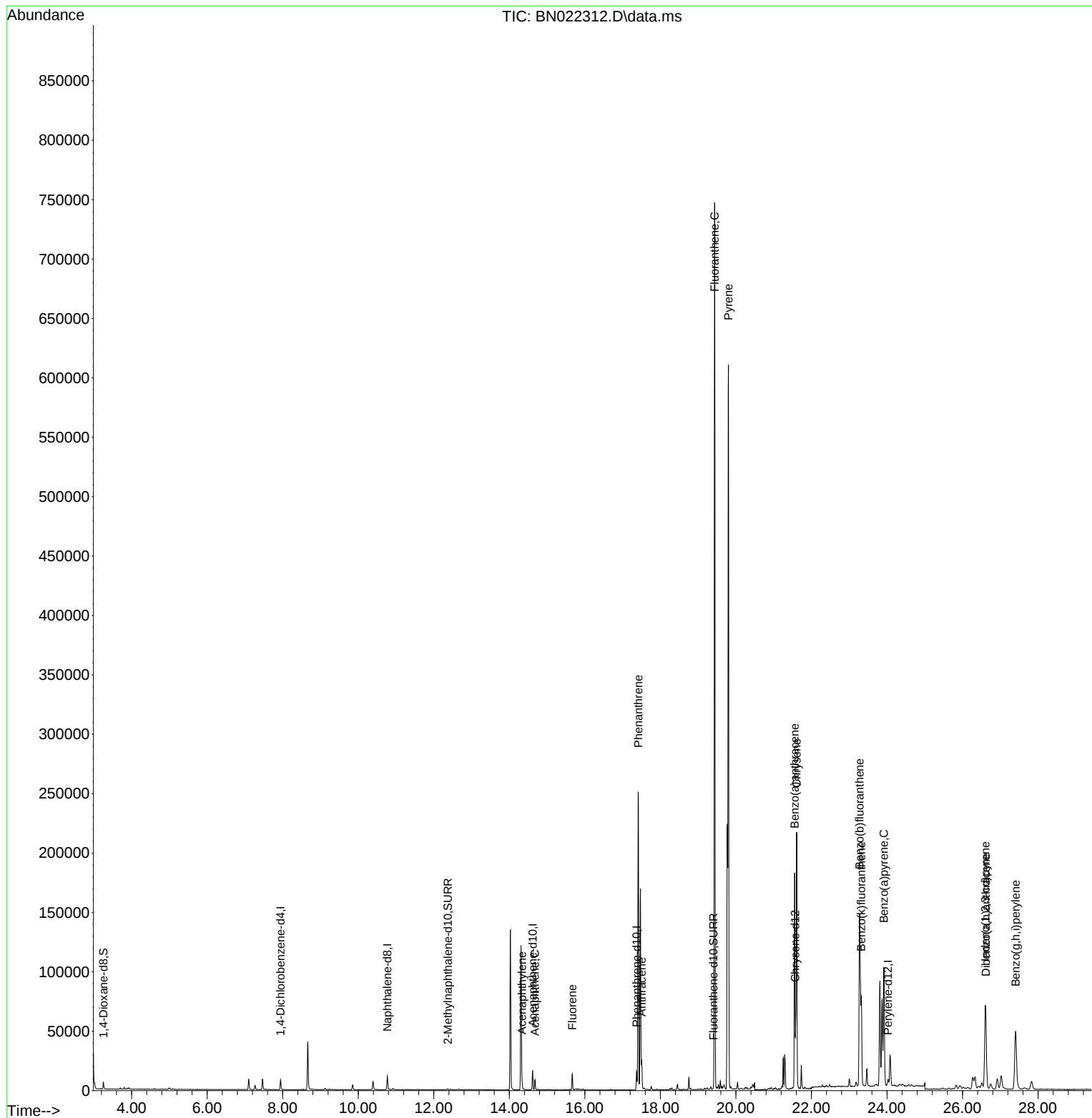
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
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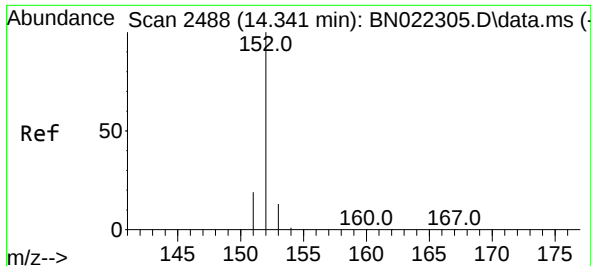
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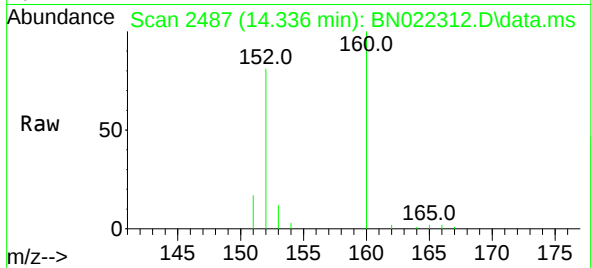
Quant Time: Oct 25 04:53:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.159 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022312.D
Acq: 24 Oct 2022 23:57

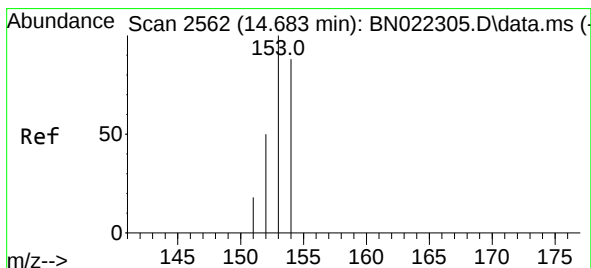
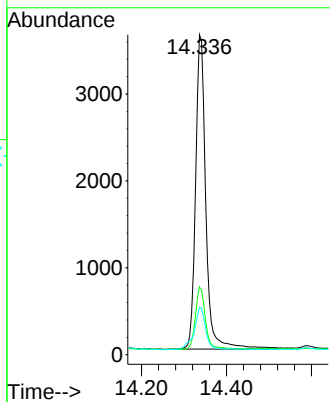
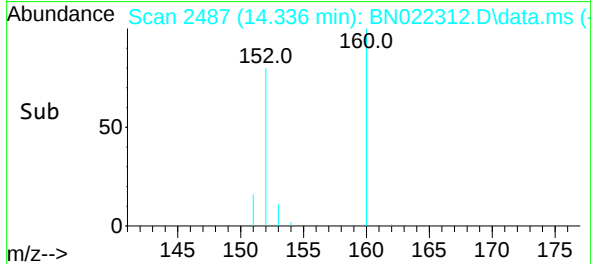
Instrument :
BNA_N
ClientSampleId :
C1BE1DL



Tgt Ion:152 Resp: 6054
Ion Ratio Lower Upper
152 100
151 21.2 15.9 23.9
153 14.8 10.8 16.2

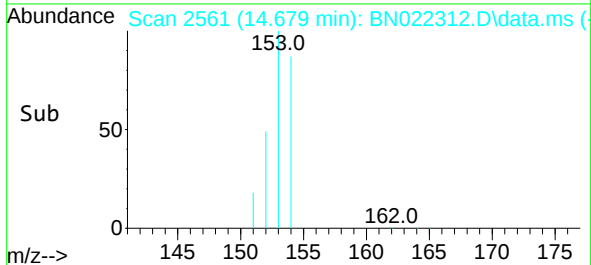
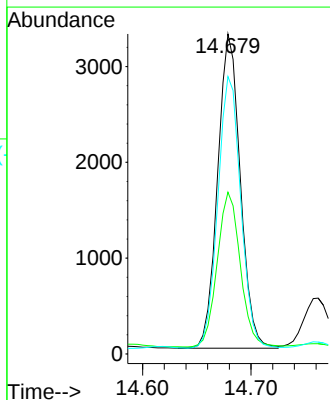
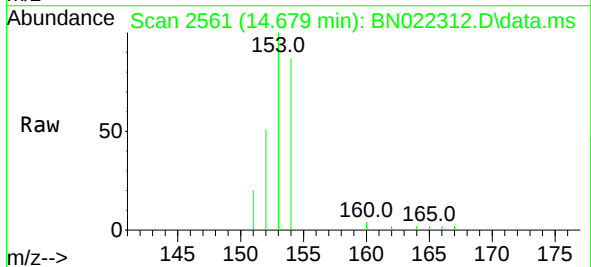
Manual Integrations
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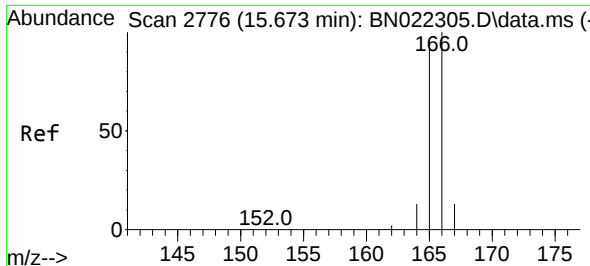
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#11
Acenaphthene
Concen: 0.149 ng/ul
RT: 14.679 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BN022312.D
Acq: 24 Oct 2022 23:57

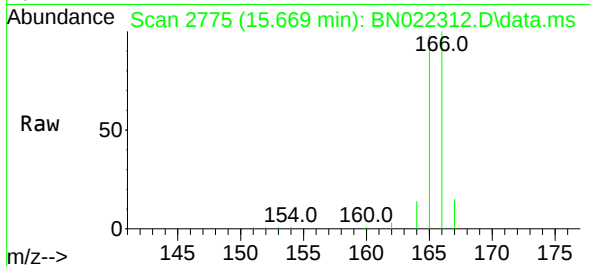
Tgt Ion:153 Resp: 4769
Ion Ratio Lower Upper
153 100
152 50.6 40.6 61.0
154 86.7 70.6 106.0





#12
Fluorene
Concen: 0.216 ng/u1
RT: 15.669 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN022312.D
Acq: 24 Oct 2022 23:57

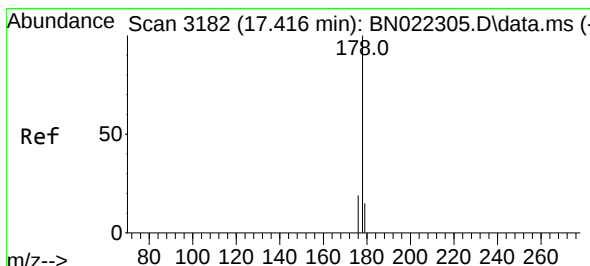
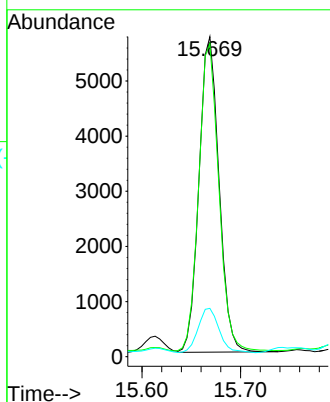
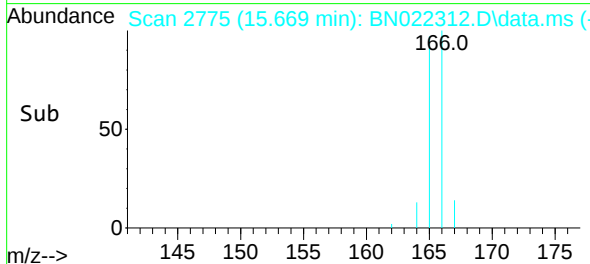
Instrument :
BNA_N
ClientSampleId :
C1BE1DL



Tgt Ion:166 Resp: 806
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.2
167 15.1 11.0 16.4

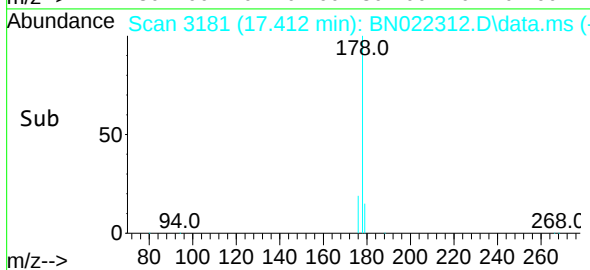
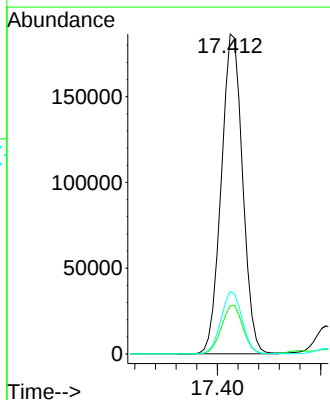
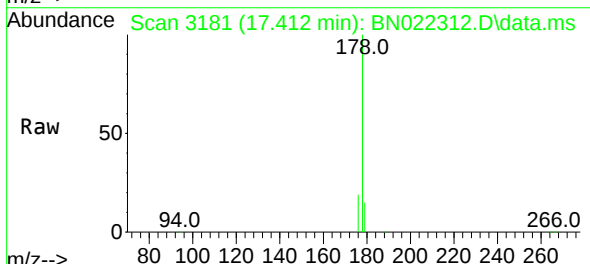
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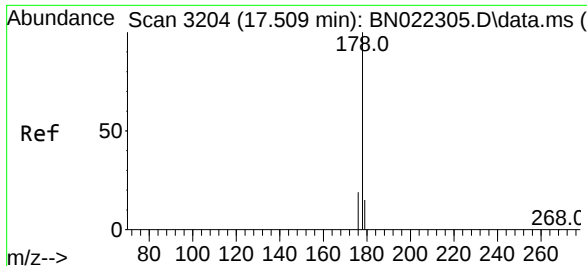
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#15
Phenanthrene
Concen: 4.754 ng/u1
RT: 17.412 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BN022312.D
Acq: 24 Oct 2022 23:57

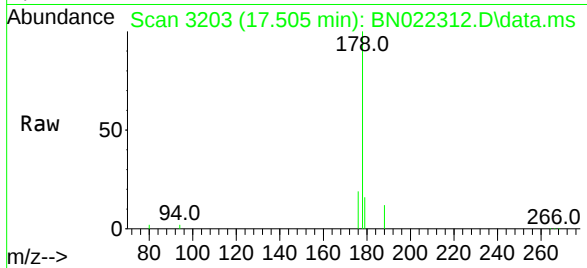
Tgt Ion:178 Resp: 267065
Ion Ratio Lower Upper
178 100
179 15.0 12.7 19.1
176 19.5 15.4 23.2





#16
 Anthracene
 Concen: 0.500 ng/u1
 RT: 17.505 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN022312.D
 Acq: 24 Oct 2022 23:57

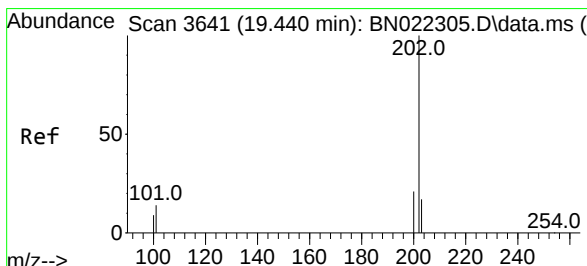
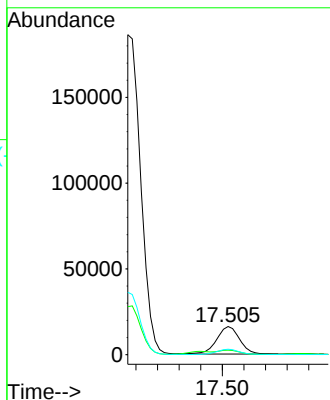
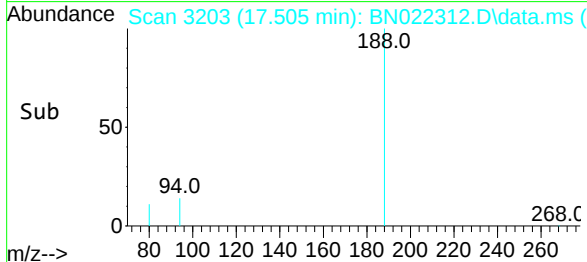
Instrument :
 BNA_N
 ClientSampleId :
 C1BE1DL



Tgt Ion:178 Resp: 23658
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.6 18.8
 176 19.1 15.0 22.6

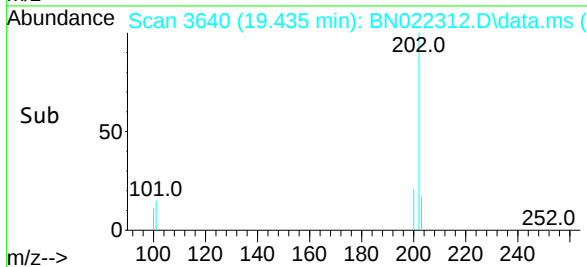
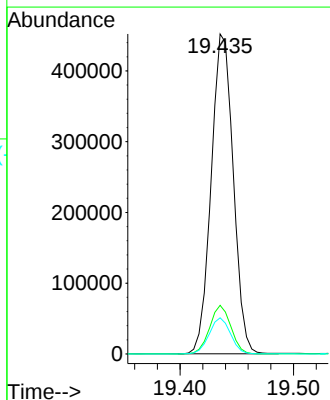
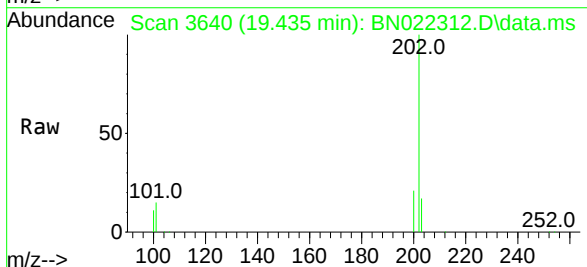
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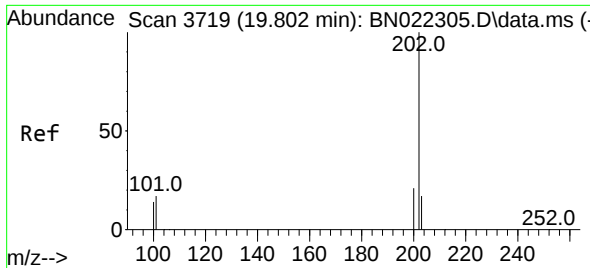
Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022



#19
 Fluoranthene
 Concen: 12.873 ng/u1
 RT: 19.435 min Scan# 3640
 Delta R.T. -0.005 min
 Lab File: BN022312.D
 Acq: 24 Oct 2022 23:57

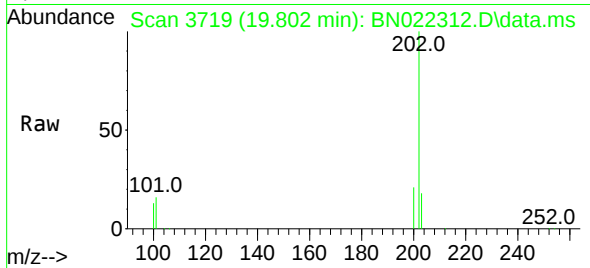
Tgt Ion:202 Resp: 610558
 Ion Ratio Lower Upper
 202 100
 101 15.2 11.8 17.6
 100 11.3 8.7 13.1





#20
Pyrene
Concen: 10.191 ng/ul
RT: 19.802 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN022312.D
Acq: 24 Oct 2022 23:57

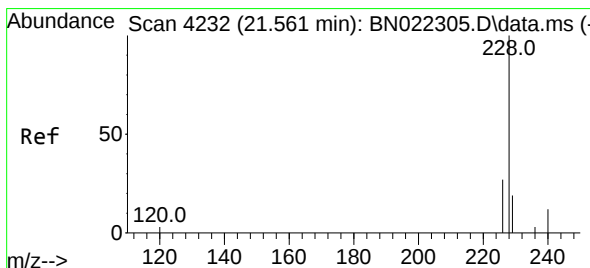
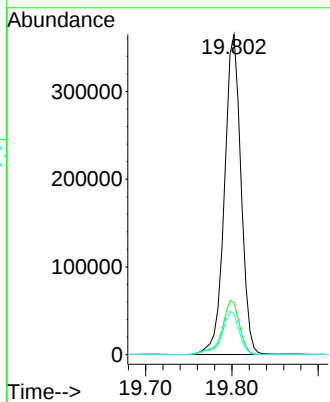
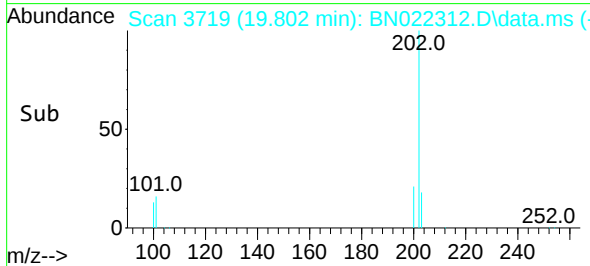
Instrument :
BNA_N
ClientSampleId :
C1BE1DL



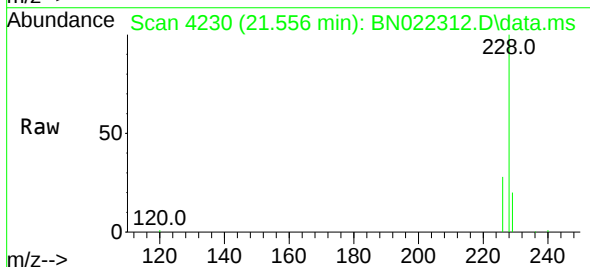
Tgt Ion:202 Resp: 485569
Ion Ratio Lower Upper
202 100
101 16.2 13.1 19.7
100 12.6 10.6 16.0

Manual Integrations
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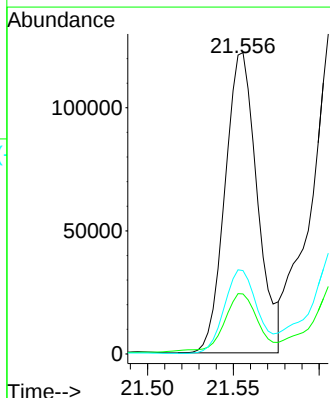
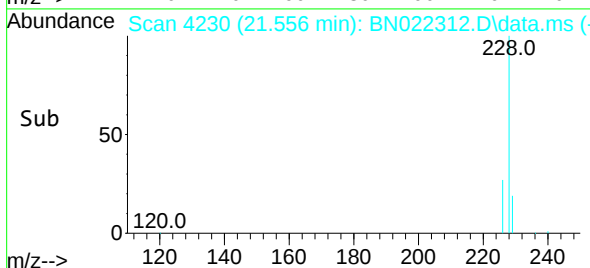
Reviewed By :Jagrut Upadhyay 10/25/2022
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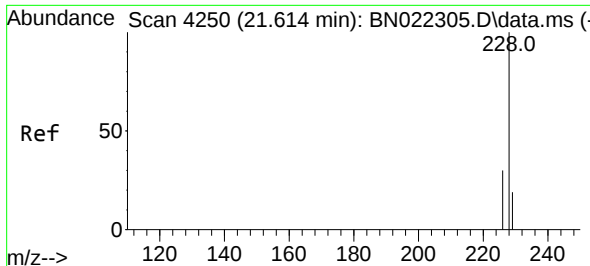


#21
Benzo(a)anthracene
Concen: 4.127 ng/ul
RT: 21.556 min Scan# 4230
Delta R.T. -0.003 min
Lab File: BN022312.D
Acq: 24 Oct 2022 23:57



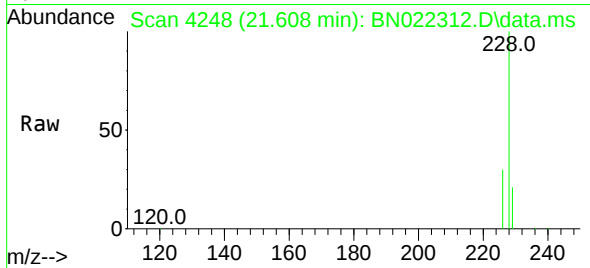
Tgt Ion:228 Resp: 160105
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.7 21.5 32.3





#22
Chrysene
Concen: 5.188 ng/ul
RT: 21.608 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BN022312.D
Acq: 24 Oct 2022 23:57

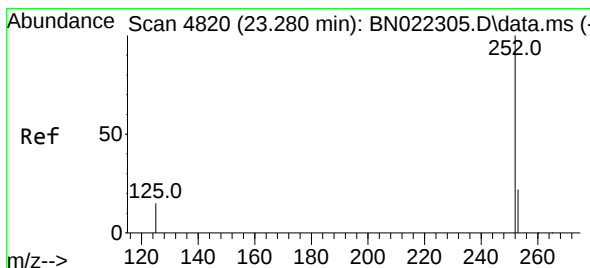
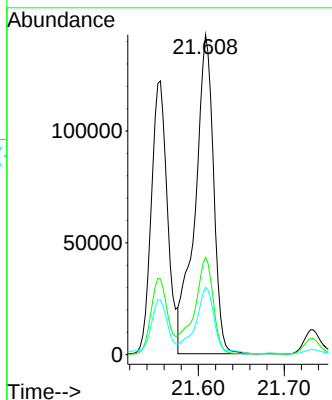
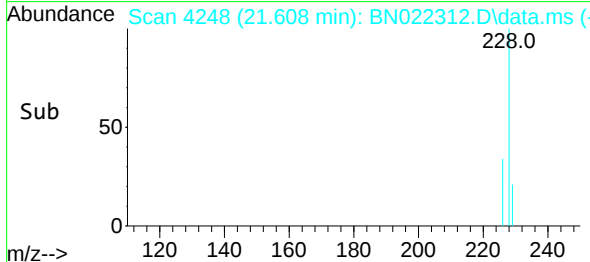
Instrument :
BNA_N
ClientSampleId :
C1BE1DL



Tgt Ion:228 Resp: 21335
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 21.1 15.9 23.9

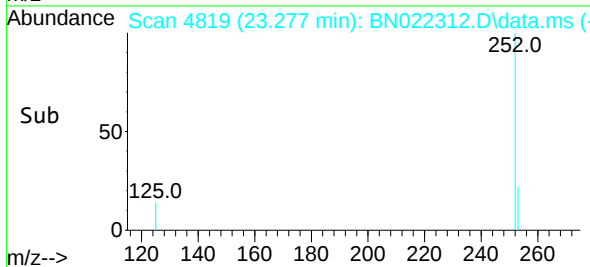
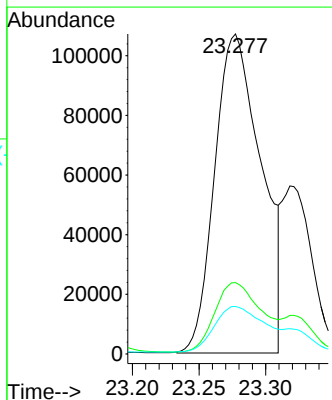
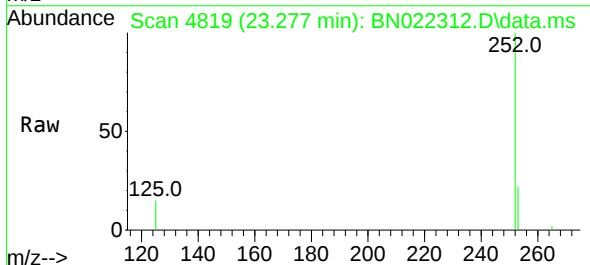
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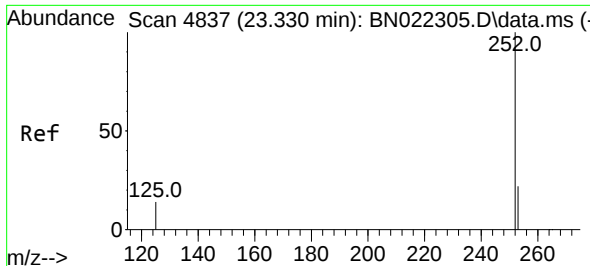
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#24
Benzo(b)fluoranthene
Concen: 6.646 ng/ul m
RT: 23.277 min Scan# 4819
Delta R.T. 0.000 min
Lab File: BN022312.D
Acq: 24 Oct 2022 23:57

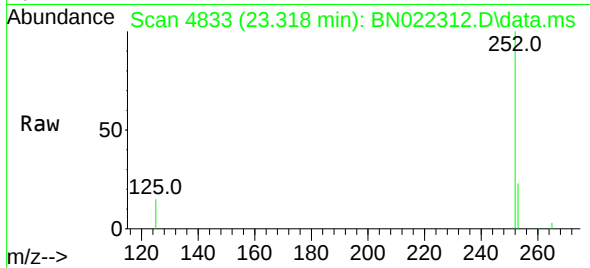
Tgt Ion:252 Resp: 259958
Ion Ratio Lower Upper
252 100
253 22.3 0.0 49.0
125 14.8 0.0 35.2





#25
Benzo(k)fluoranthene
Concen: 2.533 ng/ul m
RT: 23.318 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022312.D
Acq: 24 Oct 2022 23:57

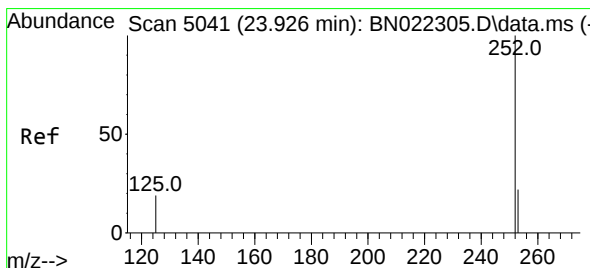
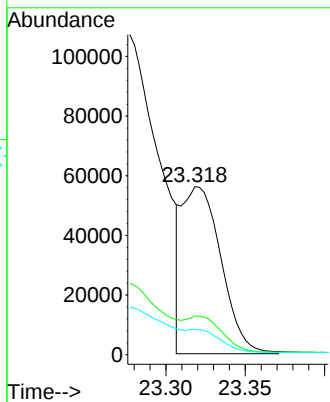
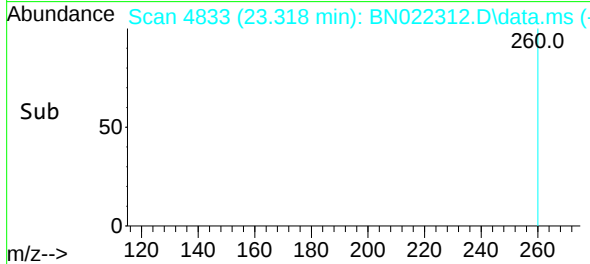
Instrument :
BNA_N
ClientSampleId :
C1BE1DL



Tgt Ion:252 Resp: 96329
Ion Ratio Lower Upper
252 100
253 22.9 19.7 29.5
125 15.1 14.0 21.0

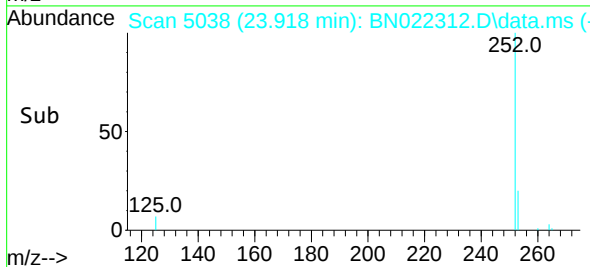
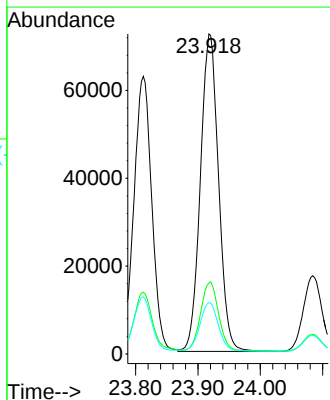
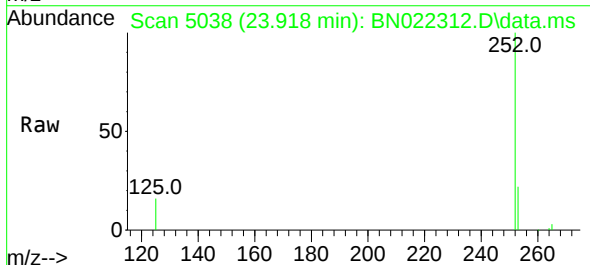
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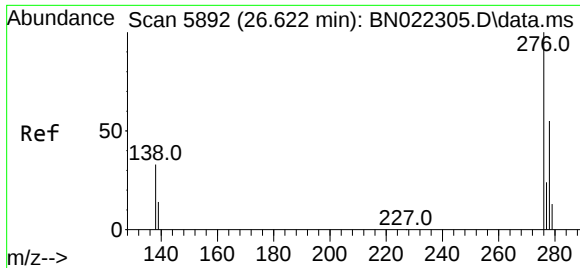
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#26
Benzo(a)pyrene
Concen: 4.684 ng/ul
RT: 23.918 min Scan# 5038
Delta R.T. -0.003 min
Lab File: BN022312.D
Acq: 24 Oct 2022 23:57

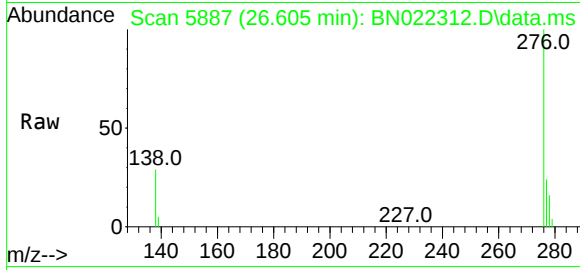
Tgt Ion:252 Resp: 146072
Ion Ratio Lower Upper
252 100
253 22.2 21.0 31.6
125 16.0 17.9 26.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 3.140 ng/ul
RT: 26.605 min Scan# 5887
Delta R.T. -0.010 min
Lab File: BN022312.D
Acq: 24 Oct 2022 23:57

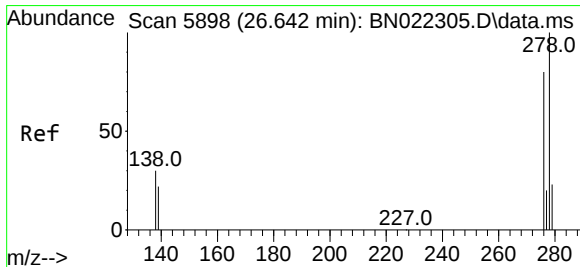
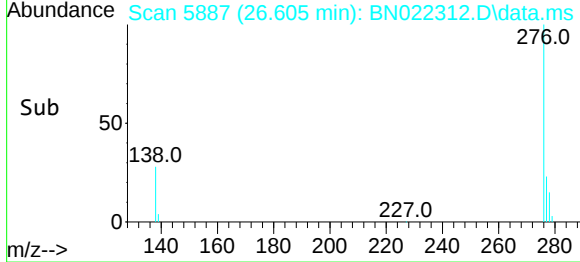
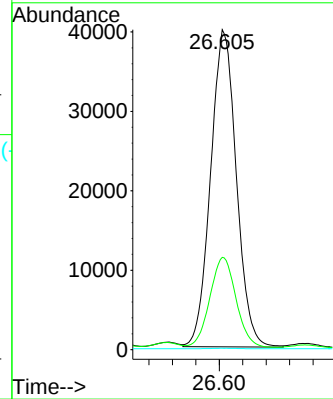
Instrument :
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Tgt Ion:276 Resp: 121711
Ion Ratio Lower Upper
276 100
138 28.9 27.7 41.5
227 0.1 0.2 0.2

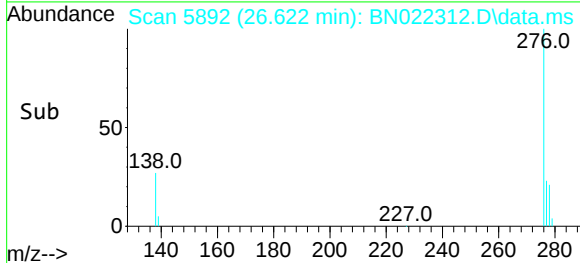
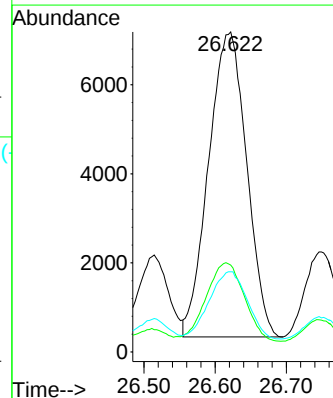
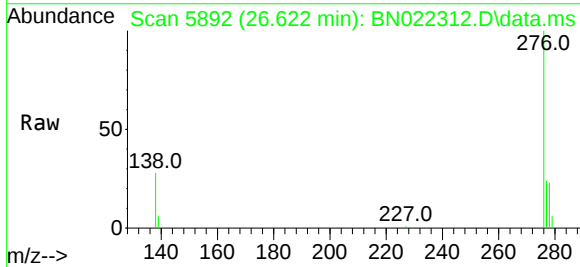
Manual Integrations
APPROVED

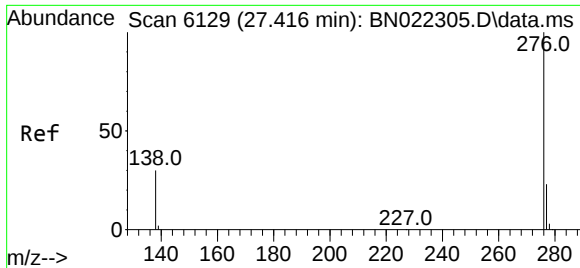
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#28
Dibenzo(a,h)anthracene
Concen: 0.821 ng/ul
RT: 26.622 min Scan# 5892
Delta R.T. -0.017 min
Lab File: BN022312.D
Acq: 24 Oct 2022 23:57

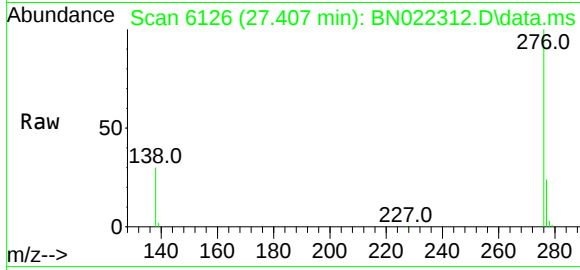
Tgt Ion:278 Resp: 25435
Ion Ratio Lower Upper
278 100
139 27.1 19.6 29.4
279 25.1 20.6 30.8





#29
Benzo(g,h,i)perylene
Concen: 3.447 ng/ul
RT: 27.407 min Scan# 6126
Delta R.T. -0.003 min
Lab File: BN022312.D
Acq: 24 Oct 2022 23:57

Instrument :
BNA_N
ClientSampleId :
C1BE1DL



Tgt Ion:276 Resp: 108840
Ion Ratio Lower Upper
276 100
138 30.2 25.2 37.8
277 24.0 19.9 29.9

Manual Integrations
APPROVED

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

