

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022249.D
 Acq On : 21 Oct 2022 11:56
 Operator : CG/JU
 Sample : N5015-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1BE5

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 22:38:21 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	7.944	152	4206	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	14481	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.618	164	8641	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	17237	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	10094	0.400	ng/ul	# 0.00
23) Perylene-d12	24.037	264	7872	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	22834	4.177	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	6126	0.280	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	12111	0.357	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	1552	0.036	ng/ul#	84
7) 2-Methylnaphthalene	12.444	142	1687	0.063	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	2467	0.089	ng/ul#	69
10) Acenaphthylene	14.341	152	79189	2.041	ng/ul	100
11) Acenaphthene	14.683	153	6601	0.202	ng/ul	97
12) Fluorene	15.673	166	25949	0.683	ng/ul#	97
15) Phenanthrene	17.416	178	500400	8.647	ng/ul	99
16) Anthracene	17.509	178	92685	1.901	ng/ul	100
19) Fluoranthene	19.440	202	583761	12.626	ng/ul	100
20) Pyrene	19.807	202	717153	15.440	ng/ul	99
21) Benzo(a)anthracene	21.558	228	232001	6.134	ng/ul	96
22) Chrysene	21.614	228	219614	5.478	ng/ul	98
24) Benzo(b)fluoranthene	23.283	252	165131m	4.177	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	43350m	1.128	ng/ul	
26) Benzo(a)pyrene	23.926	252	117697	3.735	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.611	276	60265	1.538	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.625	278	16731	0.535	ng/ul#	89
29) Benzo(g,h,i)perylene	27.410	276	54316	1.702	ng/ul	100

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

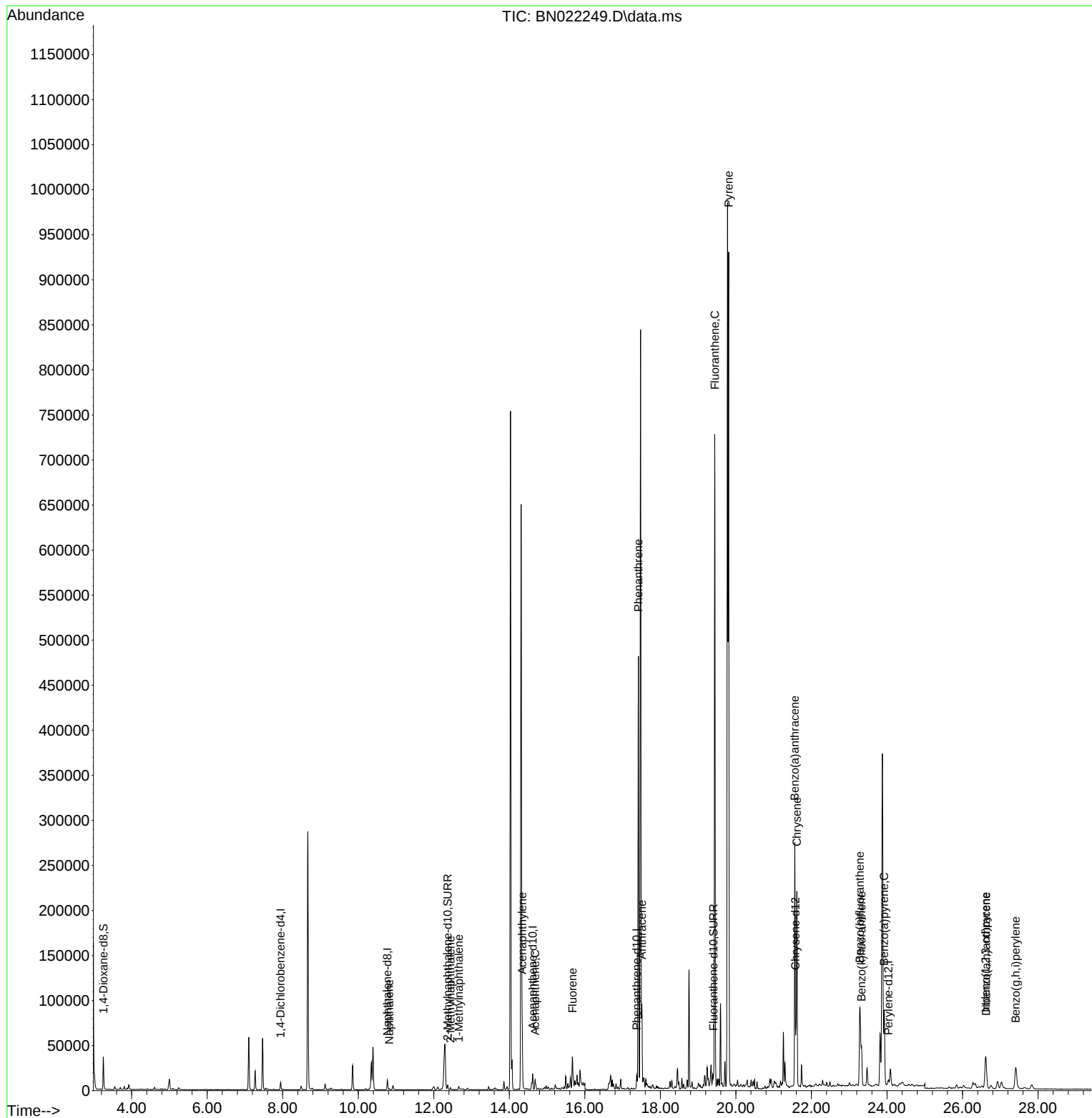
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022249.D
Acq On : 21 Oct 2022 11:56
Operator : CG/JU
Sample : N5015-05
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ALS Vial : 5 Sample Multiplier: 1

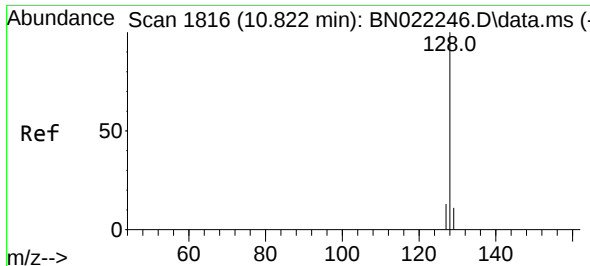
Instrument :
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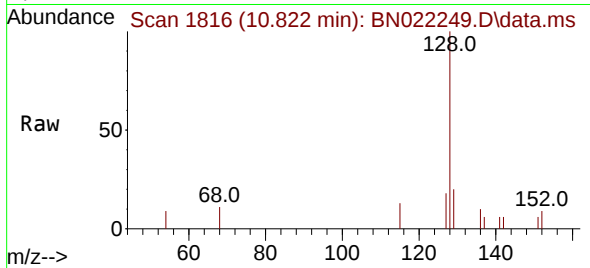
Quant Time: Oct 21 22:38:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.010 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56

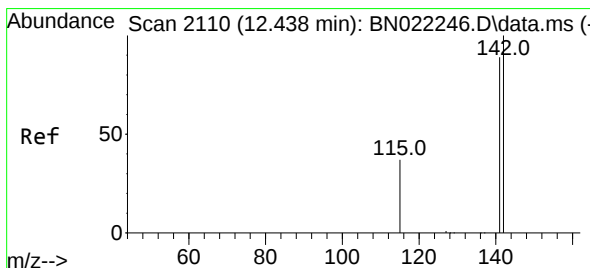
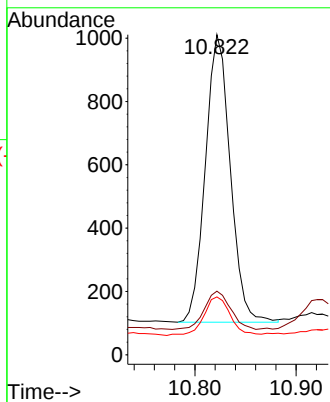
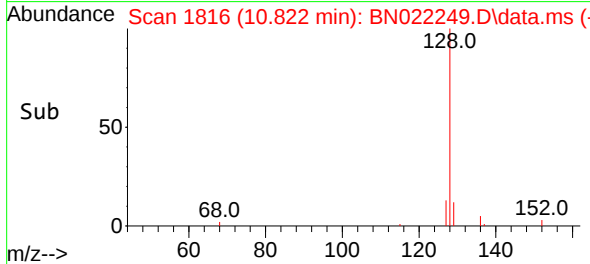
Instrument :
BNA_N
ClientSampleId :
C1BE5



Tgt Ion:128 Resp: 1552
Ion Ratio Lower Upper
128 100
129 19.9 9.3 13.9
127 18.1 10.7 16.1

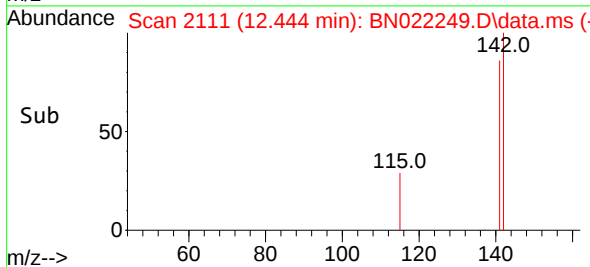
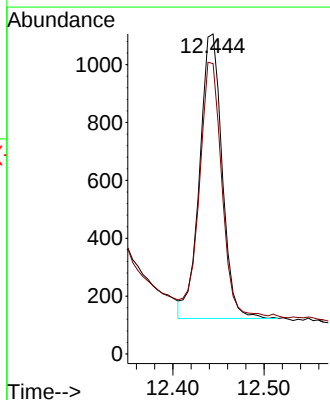
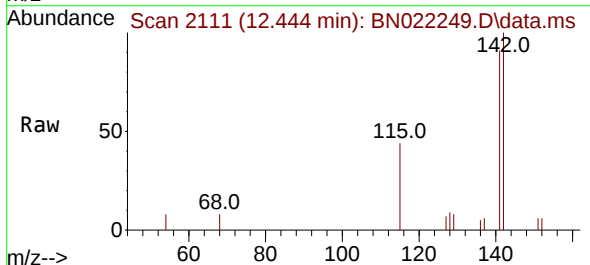
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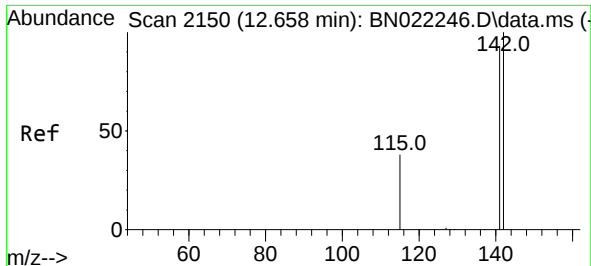
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56

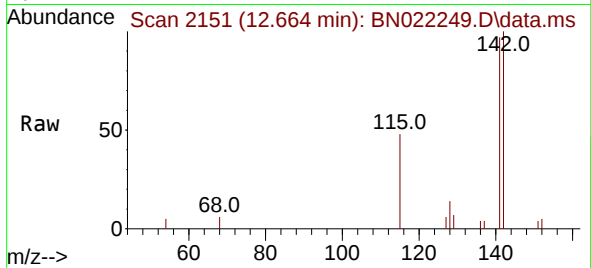
Tgt Ion:142 Resp: 1687
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56

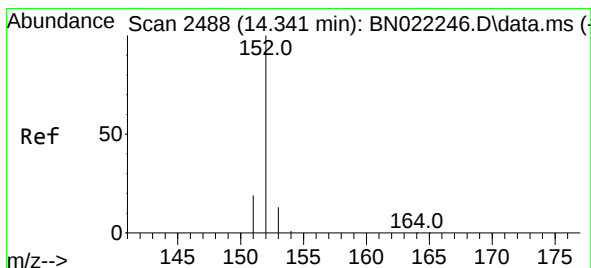
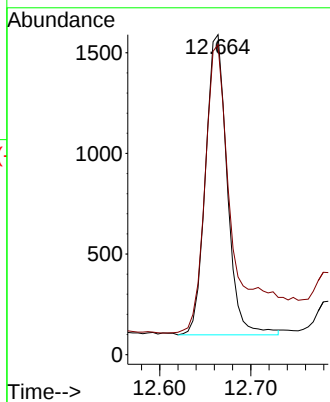
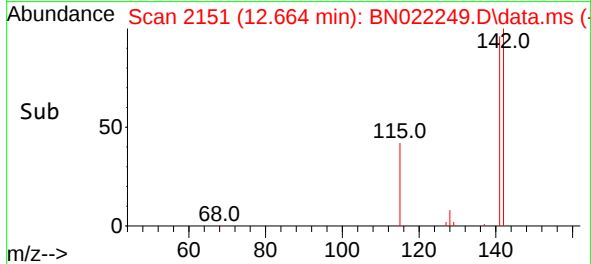
Instrument :
BNA_N
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Tgt Ion:142 Resp: 246
Ion Ratio Lower Upper
142 100
141 121.3 73.3 109.9

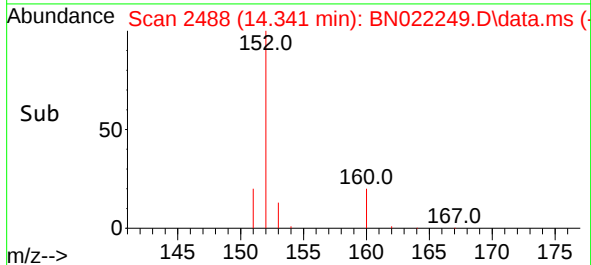
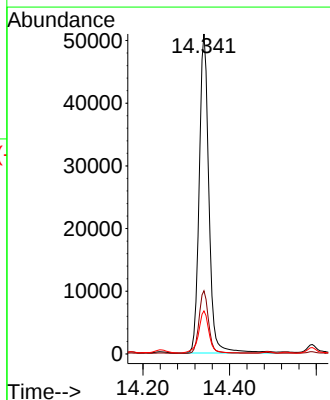
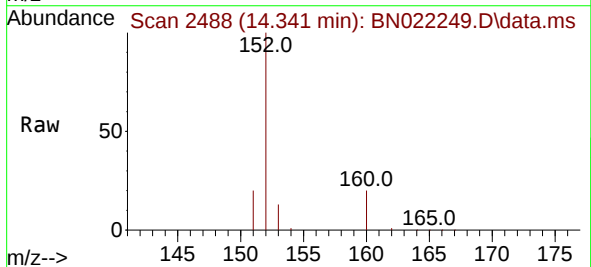
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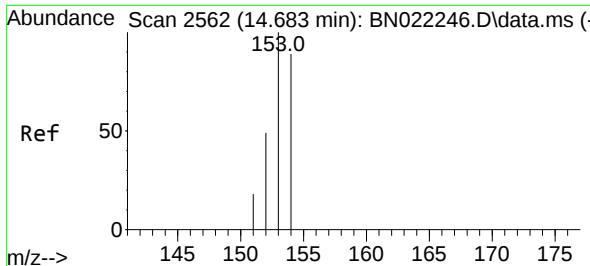
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#10
Acenaphthylene
Concen: 2.041 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56

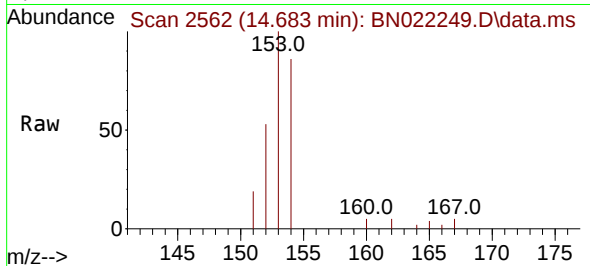
Tgt Ion:152 Resp: 79189
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.5 10.8 16.2





#11
Acenaphthene
Concen: 0.202 ng/u1
RT: 14.683 min Scan# 2562
Delta R.T. -0.004 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56

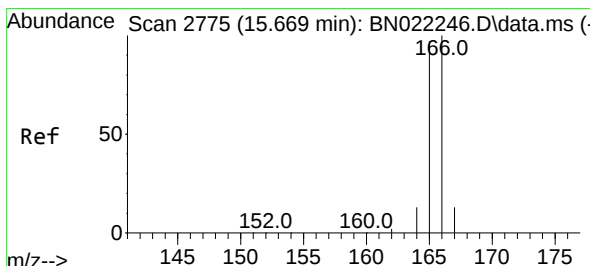
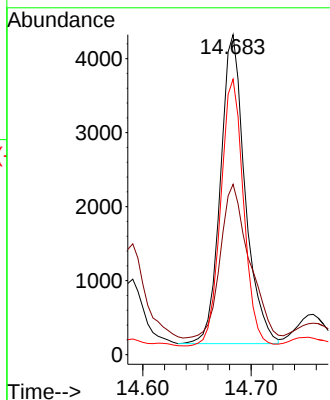
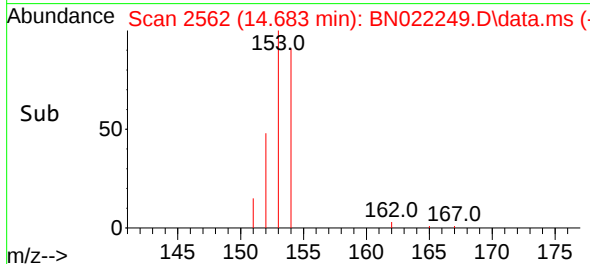
Instrument :
BNA_N
ClientSampleId :
C1BE5



Tgt Ion:153 Resp: 660
Ion Ratio Lower Upper
153 100
152 53.2 40.6 61.0
154 86.1 70.6 106.0

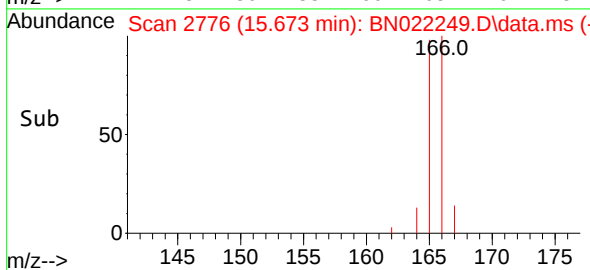
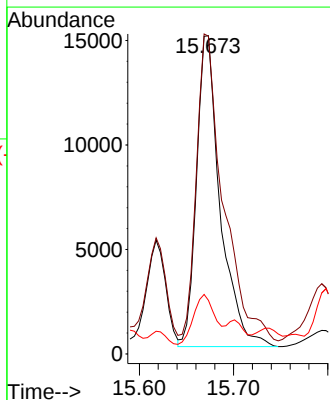
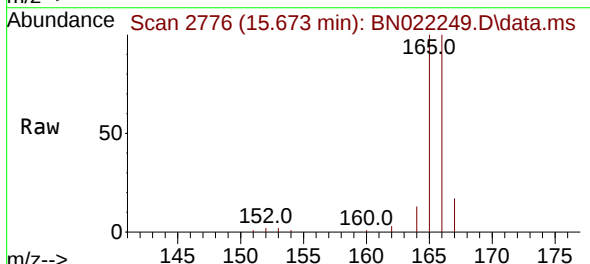
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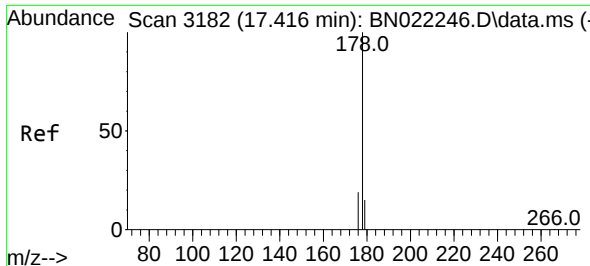
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 0.683 ng/u1
RT: 15.673 min Scan# 2776
Delta R.T. -0.004 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56

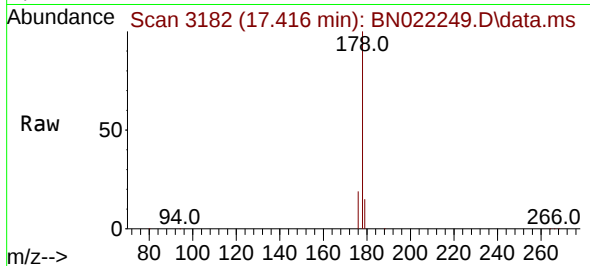
Tgt Ion:166 Resp: 25949
Ion Ratio Lower Upper
166 100
165 99.8 78.2 117.2
167 16.9 11.0 16.4





#15
Phenanthrene
Concen: 8.647 ng/ul
RT: 17.416 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56

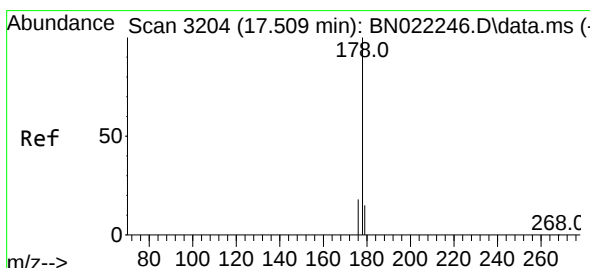
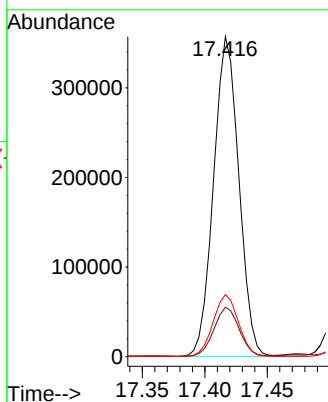
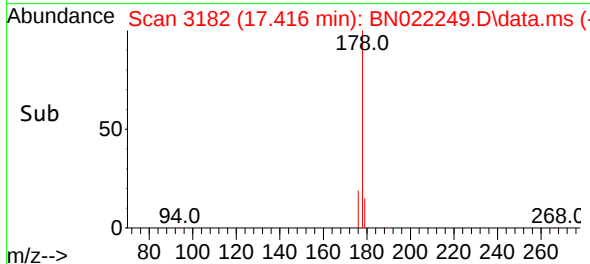
Instrument :
BNA_N
ClientSampleId :
C1BE5



Tgt Ion:178 Resp: 500400
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.4 15.4 23.2

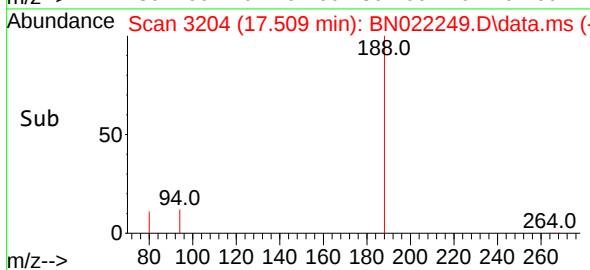
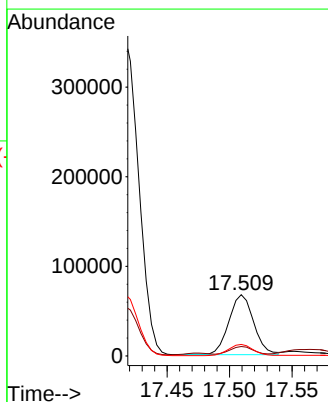
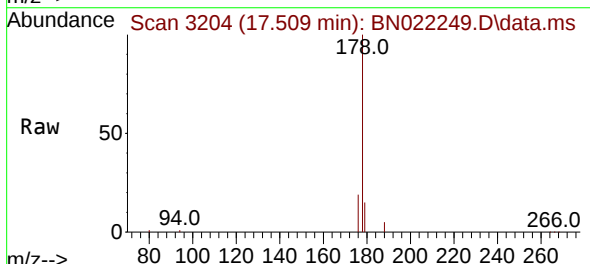
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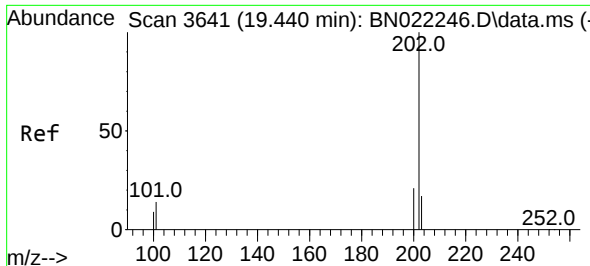
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#16
Anthracene
Concen: 1.901 ng/ul
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56

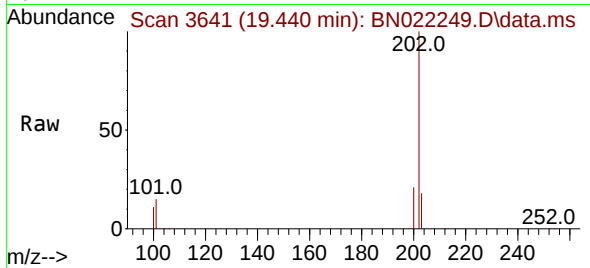
Tgt Ion:178 Resp: 92685
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 12.626 ng/u1
RT: 19.440 min Scan# 3641
Delta R.T. -0.004 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56

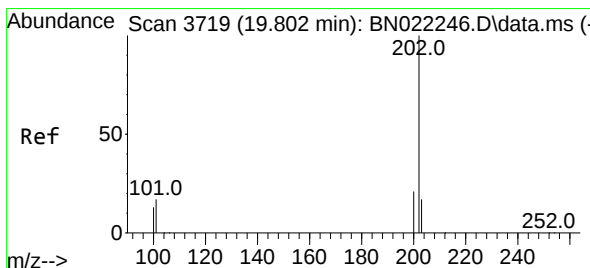
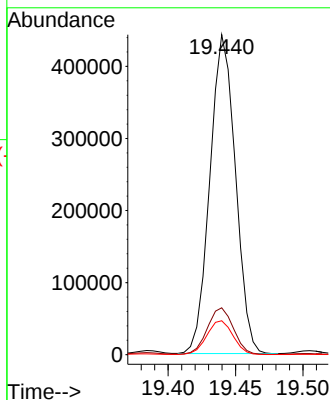
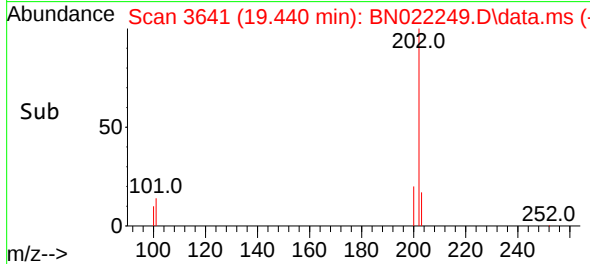
Instrument :
BNA_N
ClientSampleId :
C1BE5



Tgt Ion:202 Resp: 58376
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 10.6 8.7 13.1

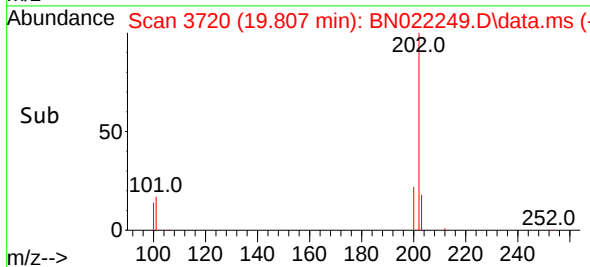
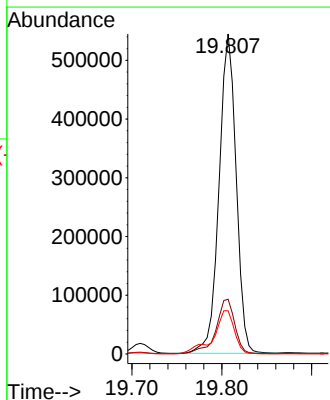
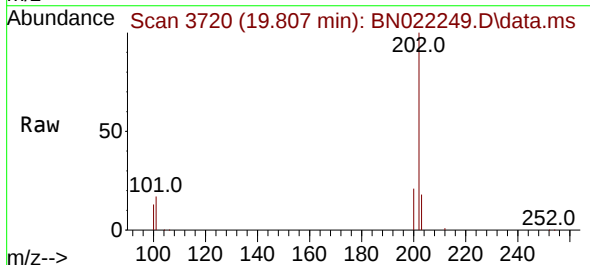
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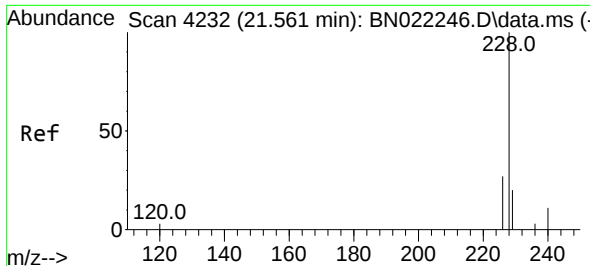
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 15.440 ng/u1
RT: 19.807 min Scan# 3720
Delta R.T. -0.004 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56

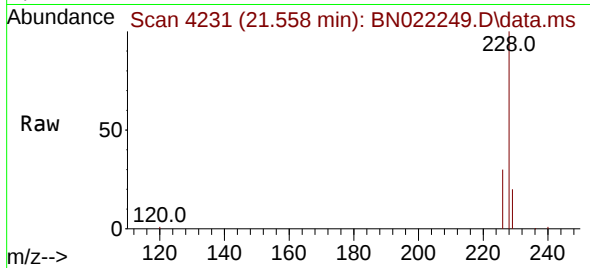
Tgt Ion:202 Resp: 717153
Ion Ratio Lower Upper
202 100
101 17.1 13.1 19.7
100 13.5 10.6 16.0





#21
Benzo(a)anthracene
Concen: 6.134 ng/u1
RT: 21.558 min Scan# 4231
Delta R.T. -0.009 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56

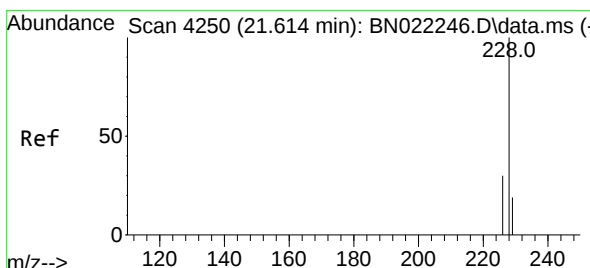
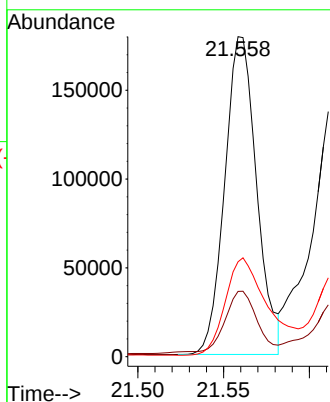
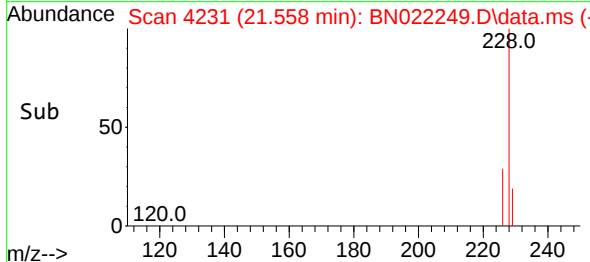
Instrument :
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C1BE5



Tgt Ion:228 Resp: 232000
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 29.6 21.5 32.3

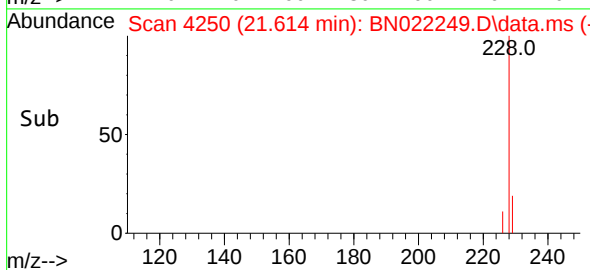
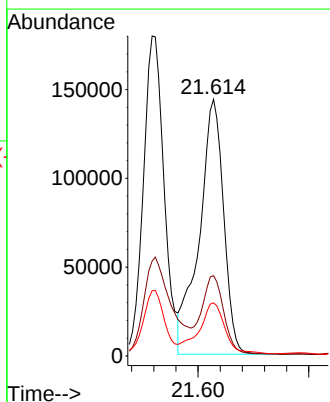
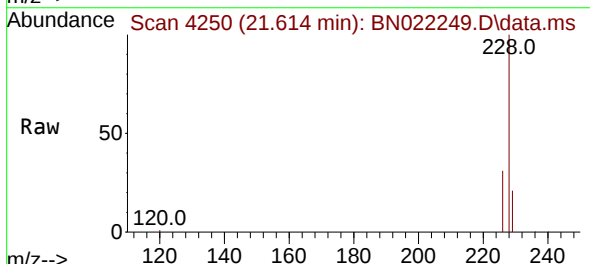
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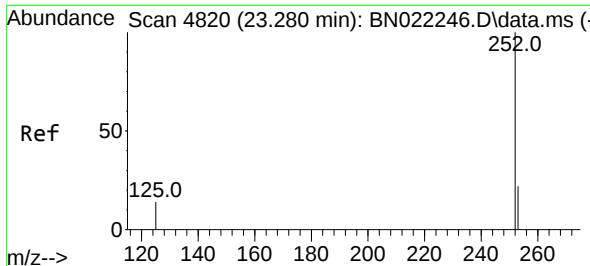
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#22
Chrysene
Concen: 5.478 ng/u1
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56

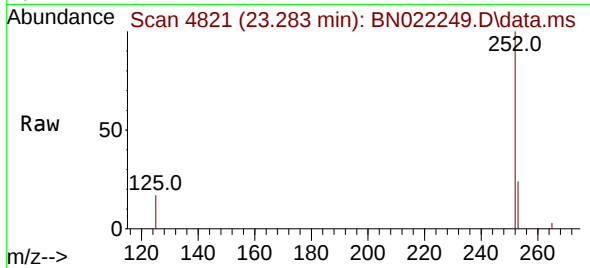
Tgt Ion:228 Resp: 219614
Ion Ratio Lower Upper
228 100
226 31.3 23.9 35.9
229 20.7 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 4.177 ng/ul m
RT: 23.283 min Scan# 4820
Delta R.T. -0.006 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56

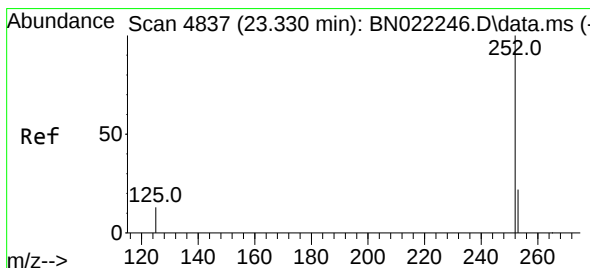
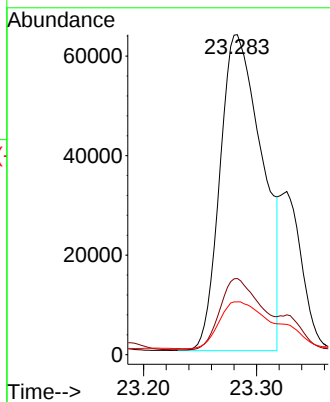
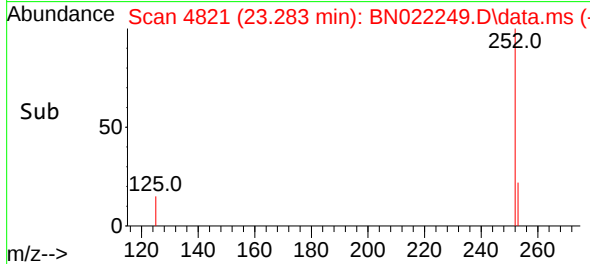
Instrument :
BNA_N
ClientSampleId :
C1BE5



Tgt Ion:252 Resp: 16513
Ion Ratio Lower Upper
252 100
253 23.8 0.0 49.0
125 16.5 0.0 35.2

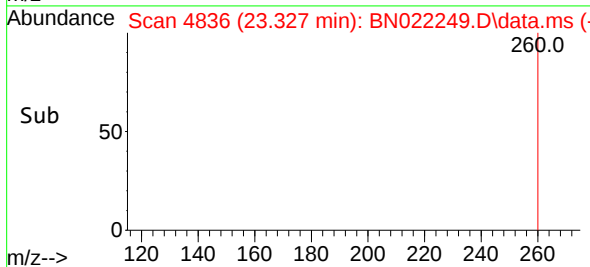
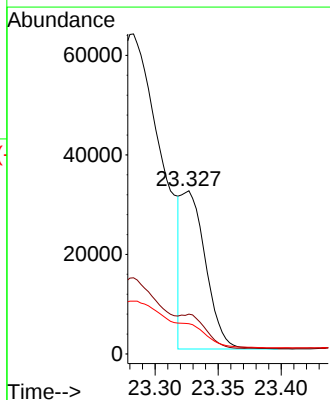
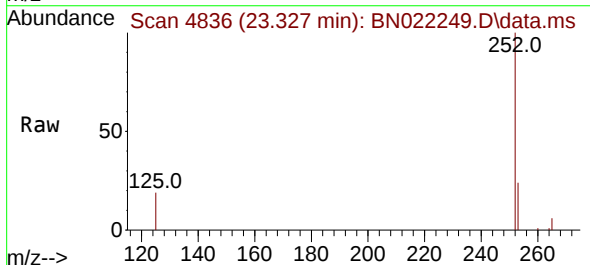
Manual Integrations
APPROVED

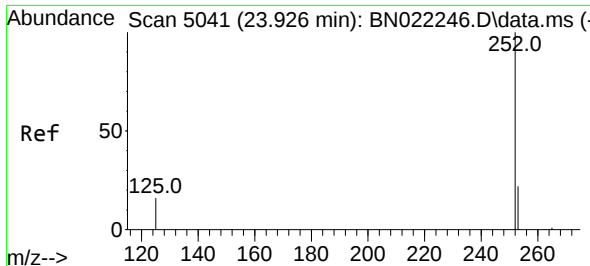
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#25
Benzo(k)fluoranthene
Concen: 1.128 ng/ul m
RT: 23.327 min Scan# 4836
Delta R.T. -0.012 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56

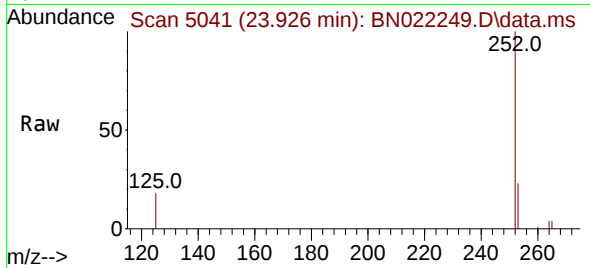
Tgt Ion:252 Resp: 43350
Ion Ratio Lower Upper
252 100
253 24.4 19.7 29.5
125 18.6 14.0 21.0





#26
Benzo(a)pyrene
Concen: 3.735 ng/ul
RT: 23.926 min Scan# 5041
Delta R.T. -0.009 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56

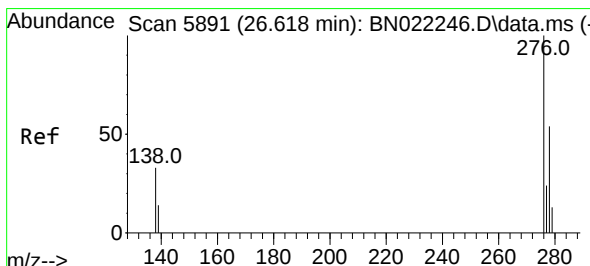
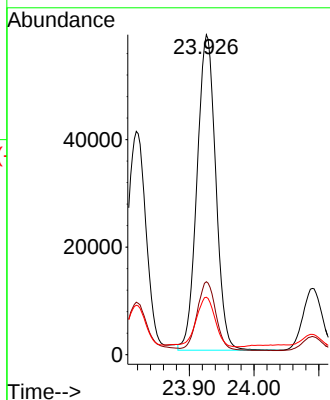
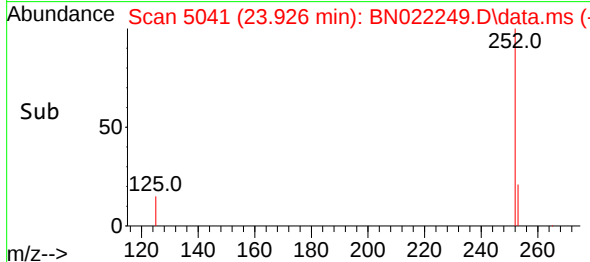
Instrument :
BNA_N
ClientSampleId :
C1BE5



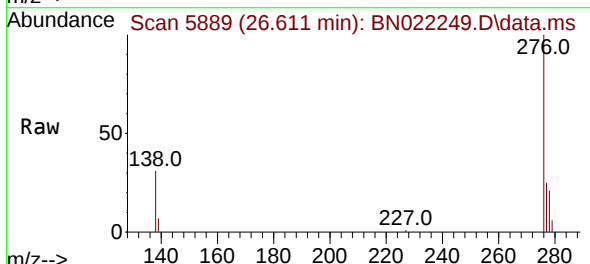
Tgt Ion:252 Resp: 11769
Ion Ratio Lower Upper
252 100
253 22.8 21.0 31.6
125 17.9 17.9 26.9

Manual Integrations
APPROVED

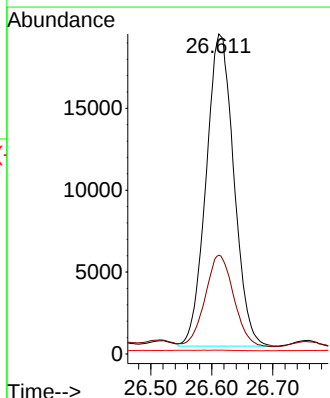
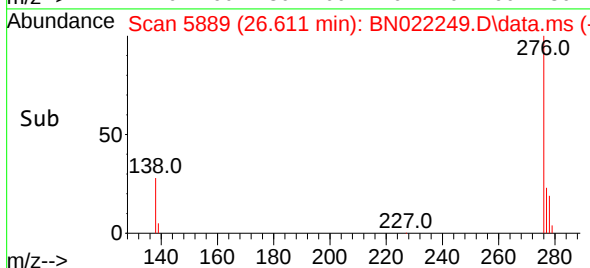
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

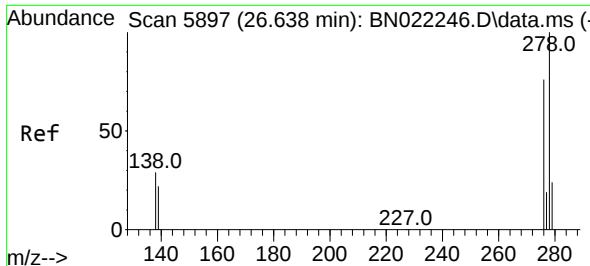


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.538 ng/ul
RT: 26.611 min Scan# 5889
Delta R.T. -0.024 min
Lab File: BN022249.D
Acq: 21 Oct 2022 11:56



Tgt Ion:276 Resp: 60265
Ion Ratio Lower Upper
276 100
138 30.2 27.7 41.5
227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.535 ng/ul

RT: 26.625 min Scan# 5893

Delta R.T. -0.031 min

Lab File: BN022249.D

Acq: 21 Oct 2022 11:56

Instrument :

BNA_N

ClientSampleId :

C1BE5

Tgt Ion:278 Resp: 1673

Ion Ratio Lower Upper

278 100

139 31.5 19.6 29.4

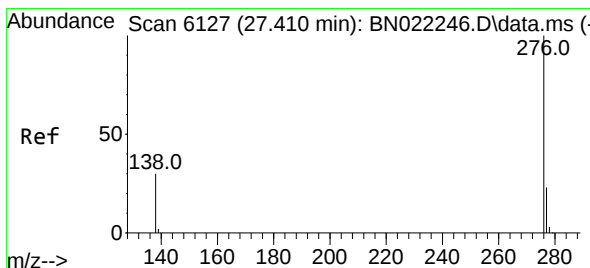
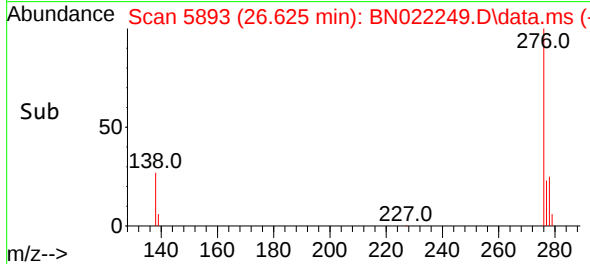
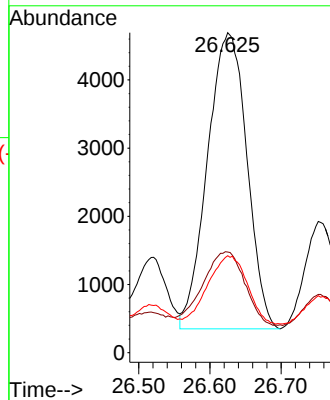
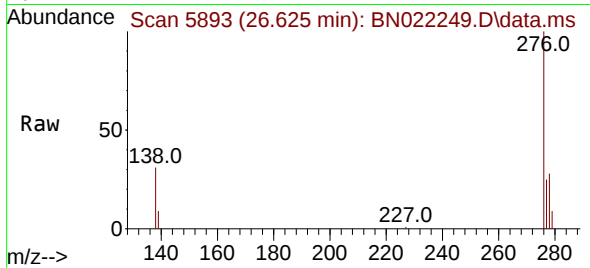
279 30.3 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022

Supervised By :mohammad ahmed 10/24/2022



#29

Benzo(g,h,i)perylene

Concen: 1.702 ng/ul

RT: 27.410 min Scan# 6127

Delta R.T. -0.021 min

Lab File: BN022249.D

Acq: 21 Oct 2022 11:56

Tgt Ion:276 Resp: 54316

Ion Ratio Lower Upper

276 100

138 31.4 25.2 37.8

277 24.8 19.9 29.9

