

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022264.D
 Acq On : 21 Oct 2022 21:17
 Operator : CG/JU
 Sample : N5064-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BH7

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 22:42:33 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	4839	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	15806	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8360	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	14687	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	9554	0.400	ng/ul	# 0.00
23) Perylene-d12	24.035	264	9187	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	25206	4.008	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	6239	0.261	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	9583	0.299	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	62271	1.334	ng/ul	99
7) 2-Methylnaphthalene	12.444	142	34053	1.158	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	28654	0.947	ng/ul	100
10) Acenaphthylene	14.341	152	29647	0.790	ng/ul	98
11) Acenaphthene	14.683	153	24938	0.788	ng/ul	99
12) Fluorene	15.669	166	23314	0.634	ng/ul	98
15) Phenanthrene	17.417	178	664955	13.486	ng/ul	99
16) Anthracene	17.509	178	117708	2.833	ng/ul	100
19) Fluoranthene	19.440	202	846179	19.337	ng/ul	100
20) Pyrene	19.807	202	678278m	15.429	ng/ul	
21) Benzo(a)anthracene	21.559	228	344354	9.620	ng/ul	98
22) Chrysene	21.611	228	349583	9.214	ng/ul	96
24) Benzo(b)fluoranthene	23.280	252	437425m	9.481	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	162932m	3.632	ng/ul	
26) Benzo(a)pyrene	23.923	252	295585	8.037	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.612	276	211407	4.624	ng/ul	92
28) Dibenzo(a,h)anthracene	26.628	278	55868	1.530	ng/ul	97
29) Benzo(g,h,i)perylene	27.413	276	174952	4.697	ng/ul	98

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

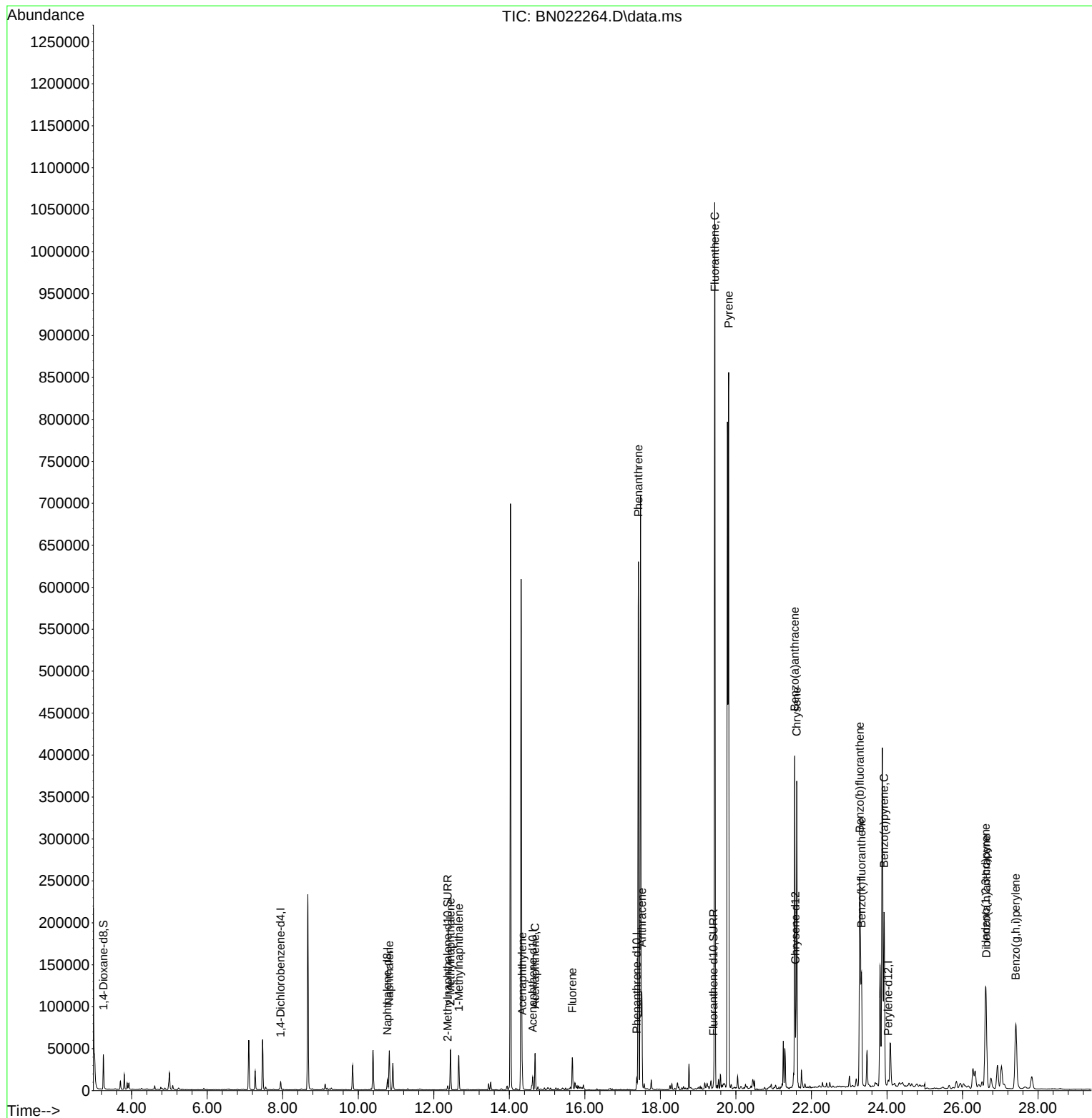
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022264.D
Acq On : 21 Oct 2022 21:17
Operator : CG/JU
Sample : N5064-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

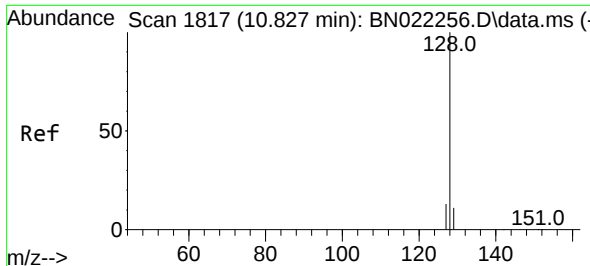
Instrument :
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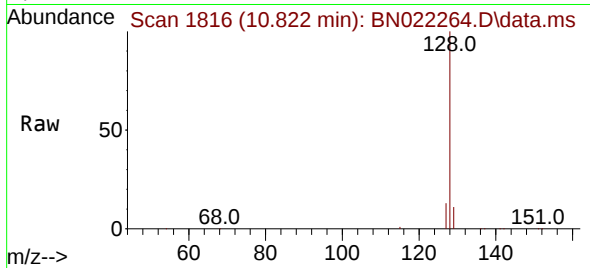
Quant Time: Oct 21 22:42:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.334 ng/ul
RT: 10.822 min Scan# 1817
Delta R.T. -0.010 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

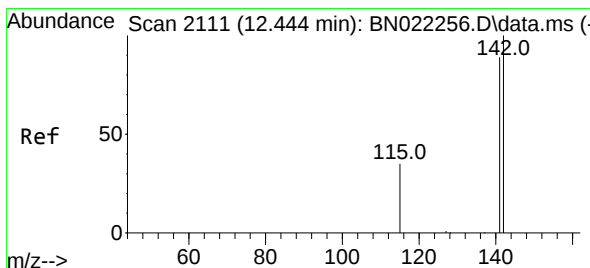
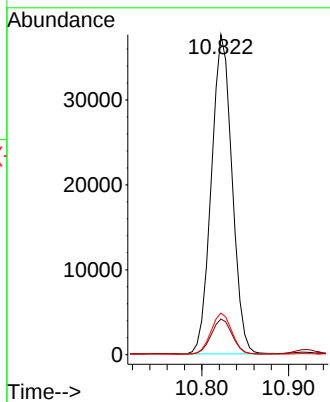
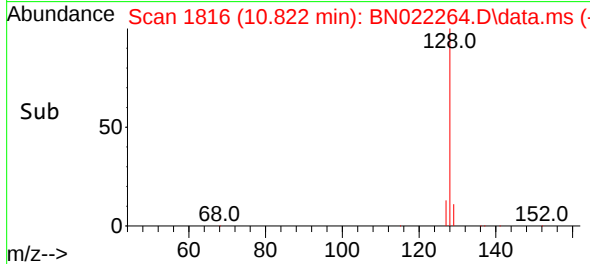
Instrument :
BNA_N
ClientSampleId :
C0BH7



Tgt Ion:128 Resp: 6227
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.0 10.7 16.1

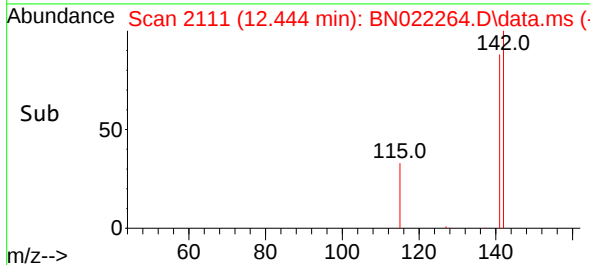
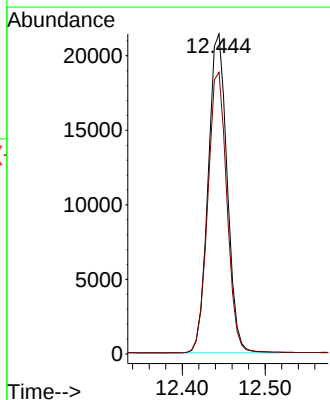
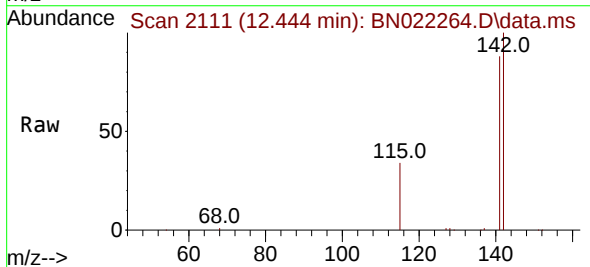
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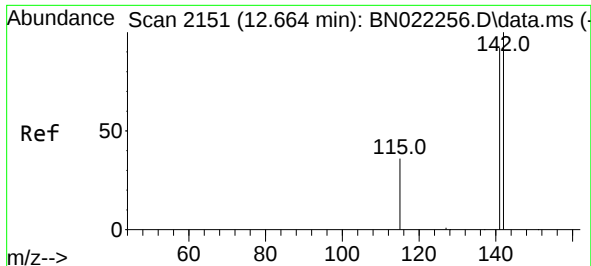
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#7
2-Methylnaphthalene
Concen: 1.158 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

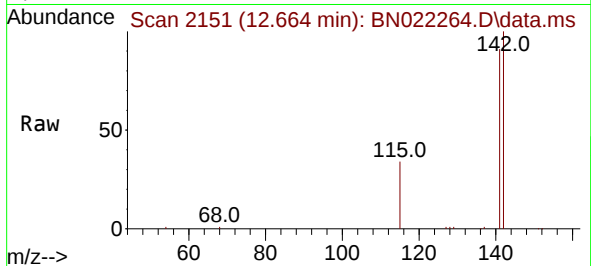
Tgt Ion:142 Resp: 34053
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.947 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

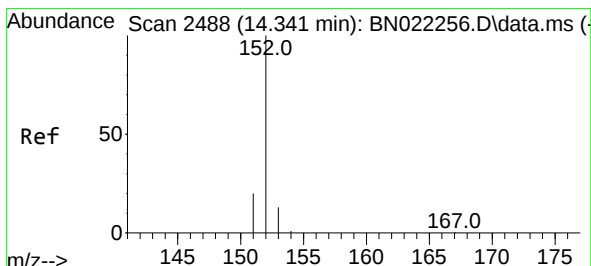
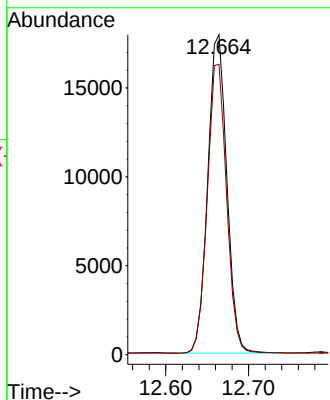
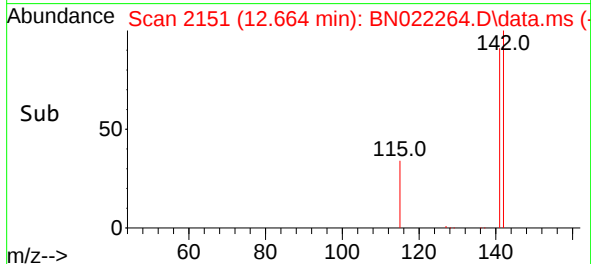
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 28654
Ion Ratio Lower Upper
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141 91.5 73.3 109.9

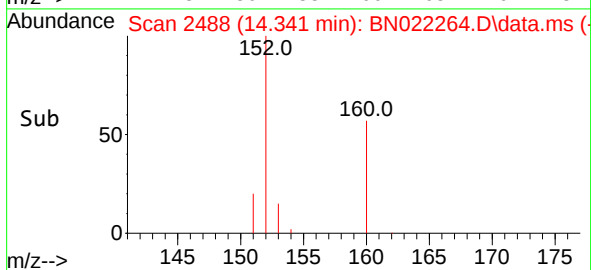
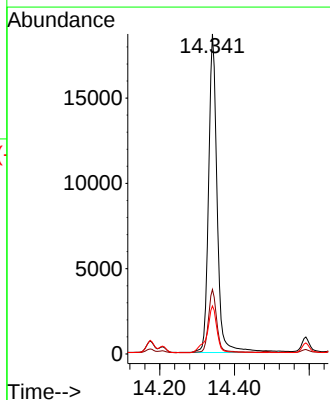
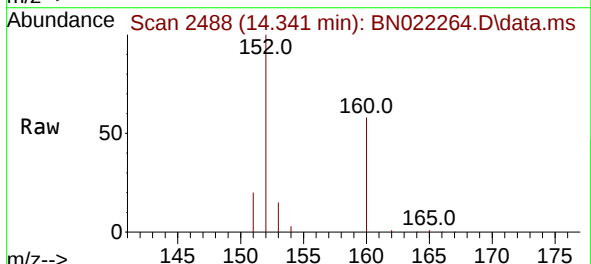
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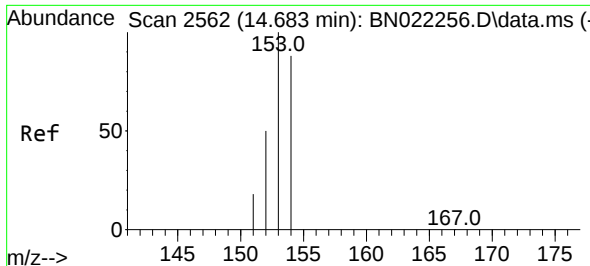
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#10
Acenaphthylene
Concen: 0.790 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

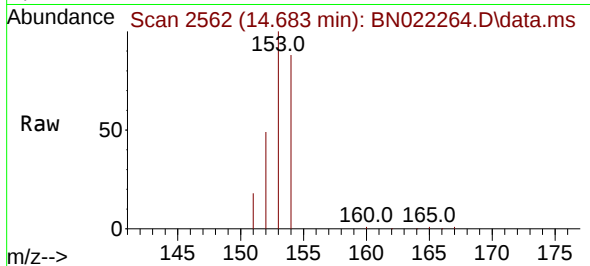
Tgt Ion:152 Resp: 29647
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 15.0 10.8 16.2





#11
Acenaphthene
Concen: 0.788 ng/ul
RT: 14.683 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

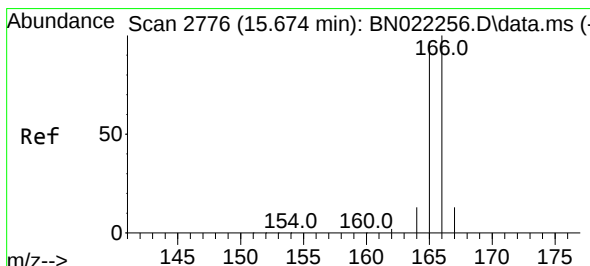
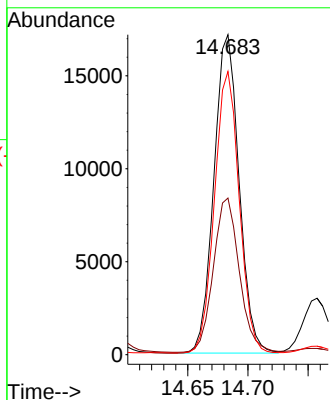
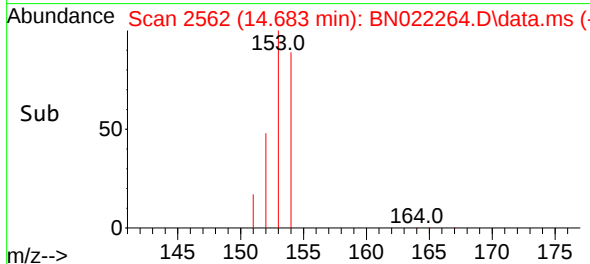
Instrument :
BNA_N
ClientSampleId :
C0BH7



Tgt Ion:153 Resp: 24938
Ion Ratio Lower Upper
153 100
152 48.9 40.6 61.0
154 88.5 70.6 106.0

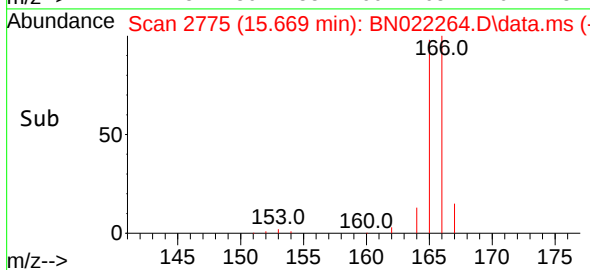
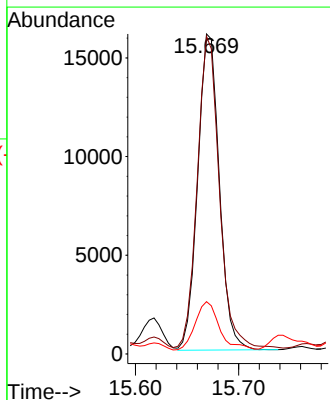
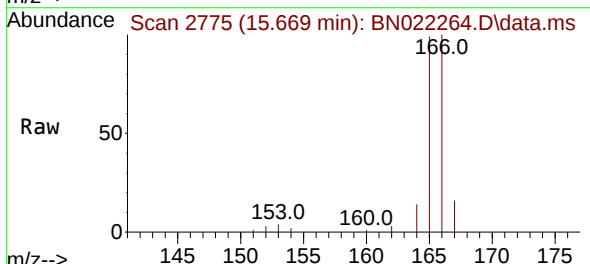
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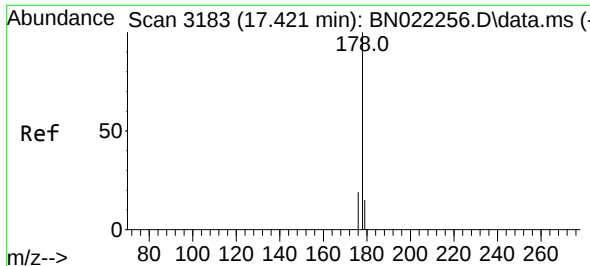
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 0.634 ng/ul
RT: 15.669 min Scan# 2775
Delta R.T. -0.008 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

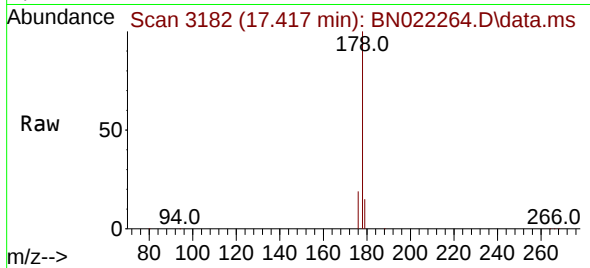
Tgt Ion:166 Resp: 23314
Ion Ratio Lower Upper
166 100
165 99.3 78.2 117.2
167 16.3 11.0 16.4





#15
Phenanthrene
Concen: 13.486 ng/u1
RT: 17.417 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

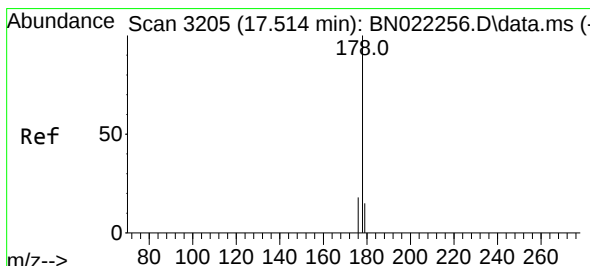
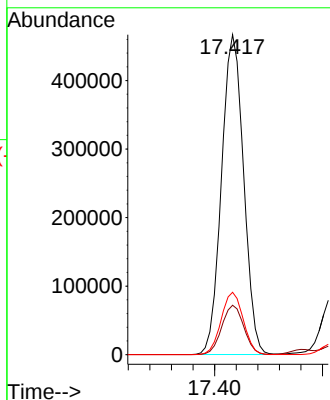
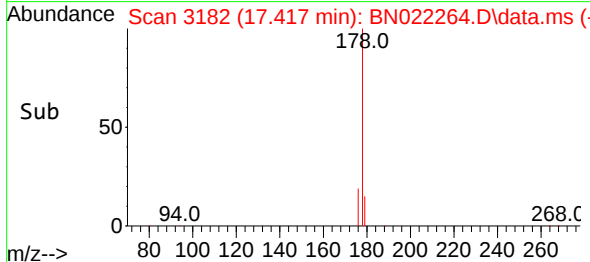
Instrument :
BNA_N
ClientSampleId :
C0BH7



Tgt Ion:178 Resp: 664955
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.5 15.4 23.2

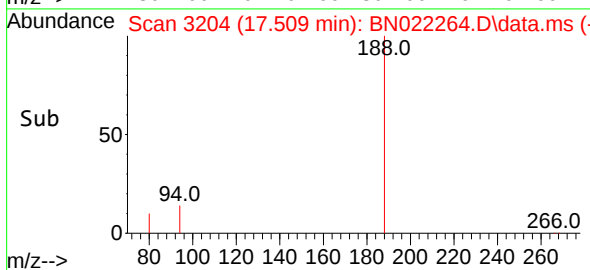
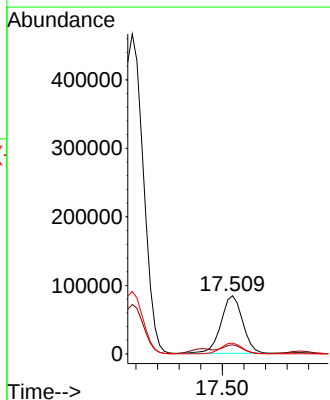
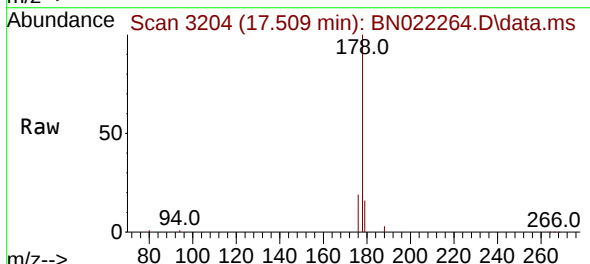
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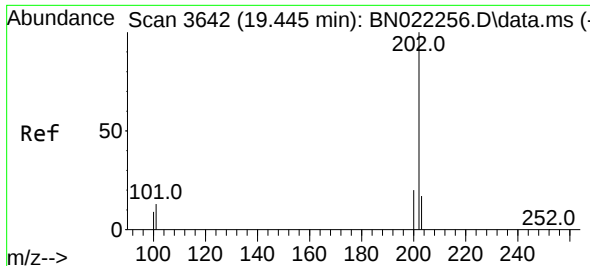
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#16
Anthracene
Concen: 2.833 ng/u1
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

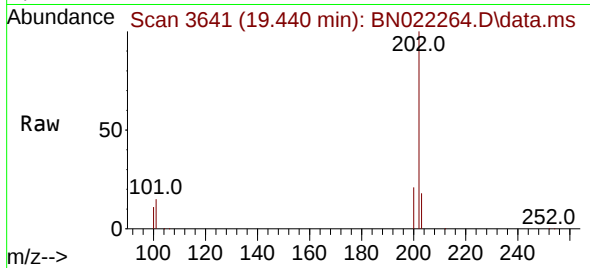
Tgt Ion:178 Resp: 117708
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 19.337 ng/ul
RT: 19.440 min Scan# 3642
Delta R.T. -0.003 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

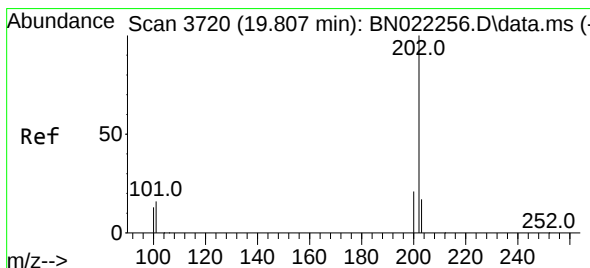
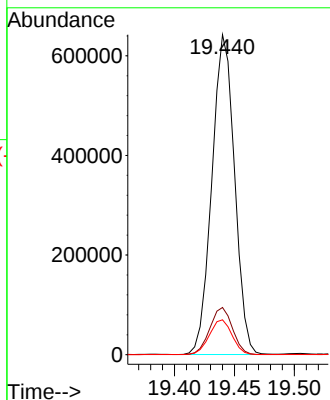
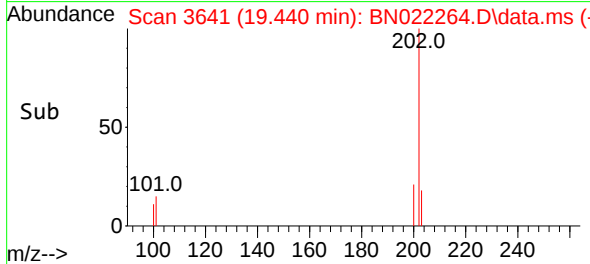
Instrument :
BNA_N
ClientSampleId :
C0BH7



Tgt Ion:202 Resp: 846179
Ion Ratio Lower Upper
202 100
101 14.7 11.8 17.6
100 10.9 8.7 13.1

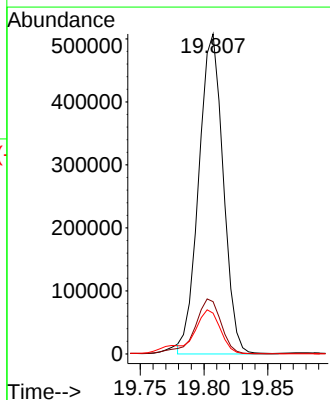
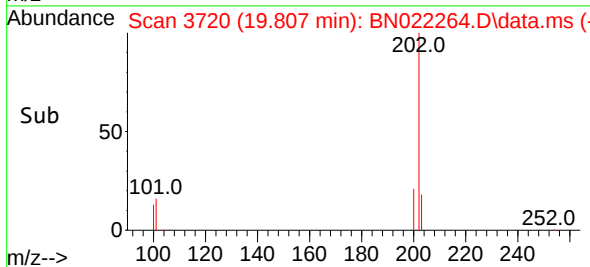
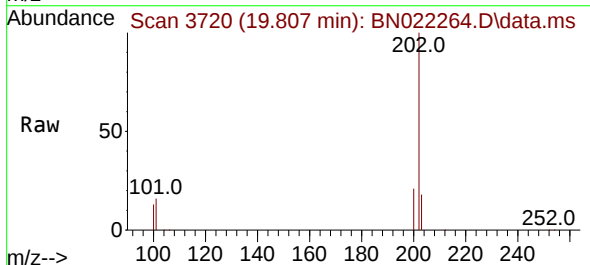
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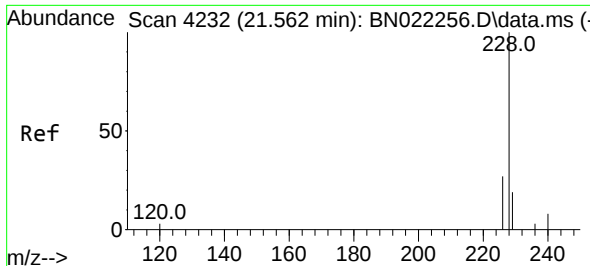
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 15.429 ng/ul m
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

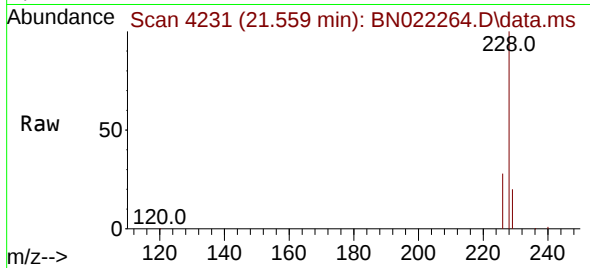
Tgt Ion:202 Resp: 678278
Ion Ratio Lower Upper
202 100
101 16.3 13.1 19.7
100 12.7 10.6 16.0





#21
Benzo(a)anthracene
Concen: 9.620 ng/u1
RT: 21.559 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

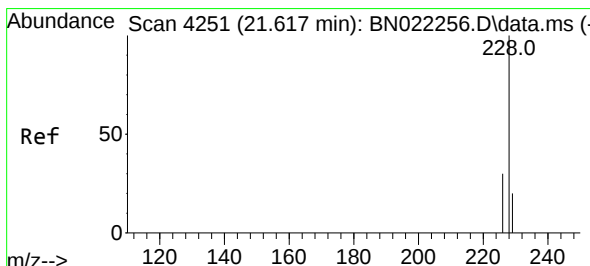
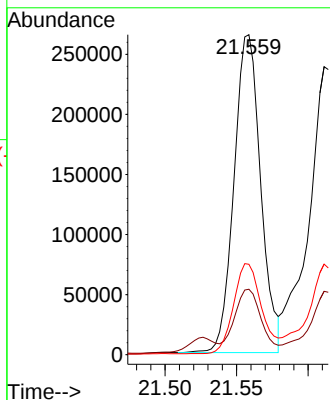
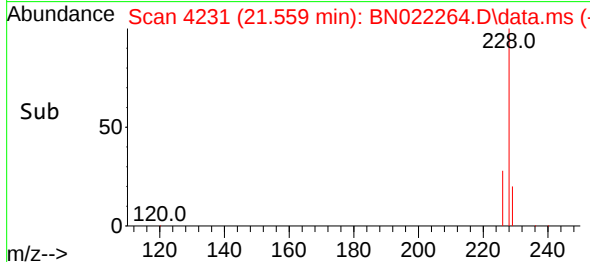
Instrument :
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C0BH7



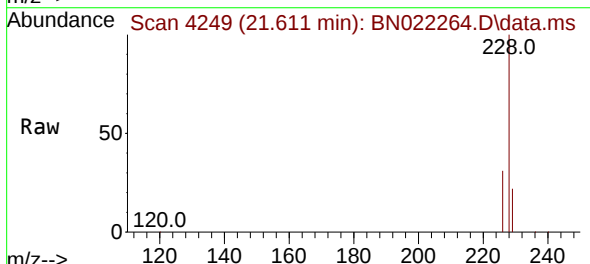
Tgt Ion:228 Resp: 344354
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.2 21.5 32.3

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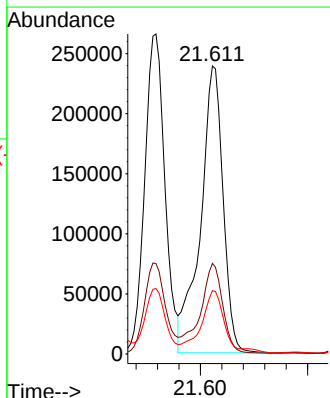
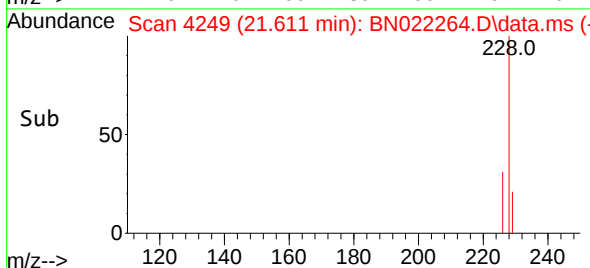
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

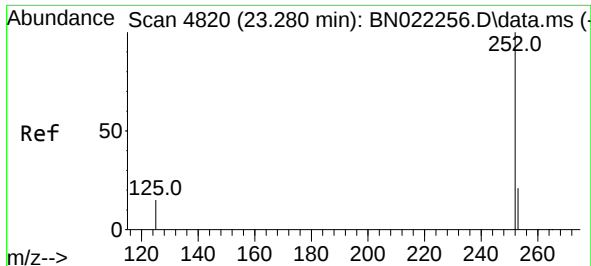


#22
Chrysene
Concen: 9.214 ng/u1
RT: 21.611 min Scan# 4249
Delta R.T. -0.009 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17



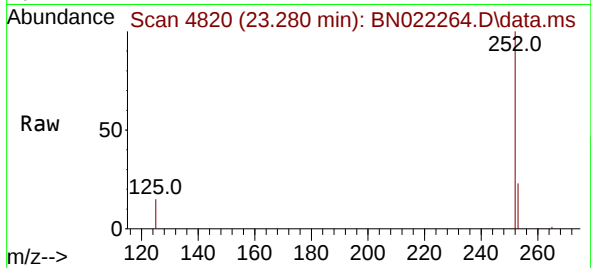
Tgt Ion:228 Resp: 349583
Ion Ratio Lower Upper
228 100
226 31.5 23.9 35.9
229 22.0 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 9.481 ng/ul m
RT: 23.280 min Scan# 4820
Delta R.T. -0.009 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

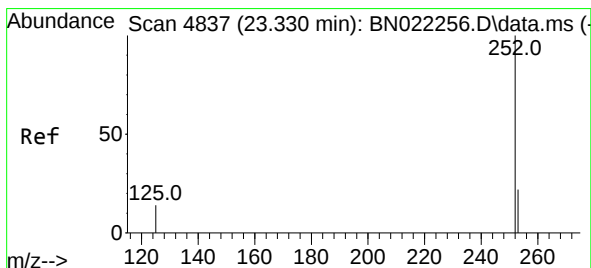
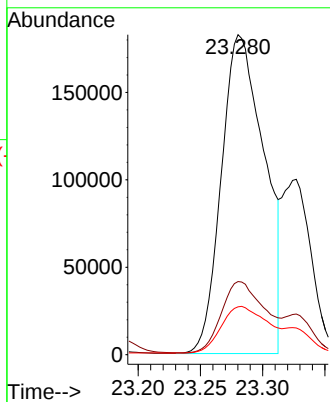
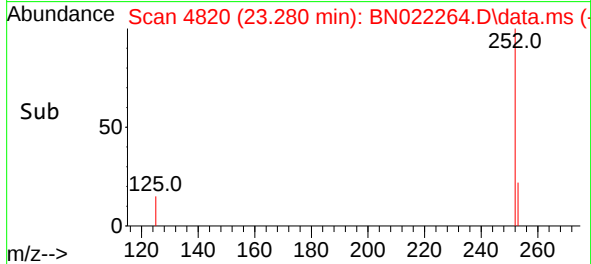
Instrument :
BNA_N
ClientSampleId :
C0BH7



Tgt Ion:252 Resp: 437425
Ion Ratio Lower Upper
252 100
253 22.9 0.0 49.0
125 14.9 0.0 35.2

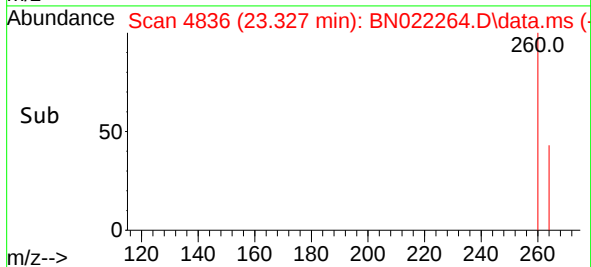
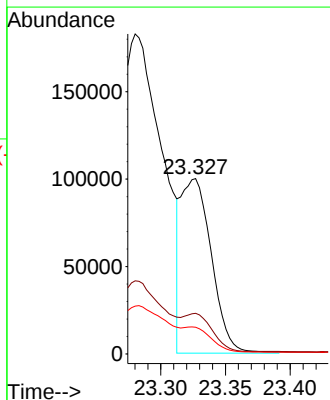
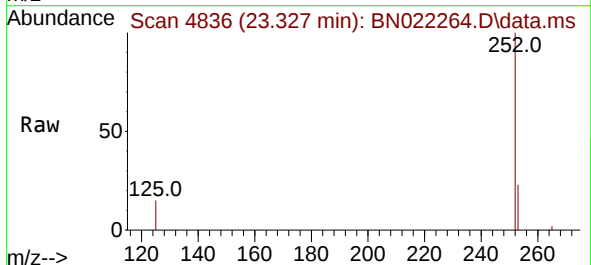
Manual Integrations
APPROVED

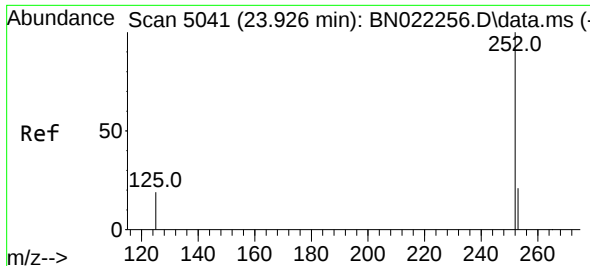
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#25
Benzo(k)fluoranthene
Concen: 3.632 ng/ul m
RT: 23.327 min Scan# 4836
Delta R.T. -0.012 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

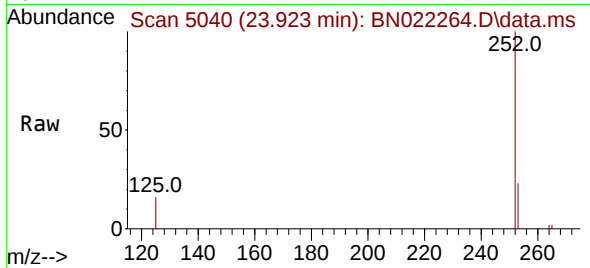
Tgt Ion:252 Resp: 162932
Ion Ratio Lower Upper
252 100
253 23.1 19.7 29.5
125 15.3 14.0 21.0





#26
Benzo(a)pyrene
Concen: 8.037 ng/ul
RT: 23.923 min Scan# 5040
Delta R.T. -0.012 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

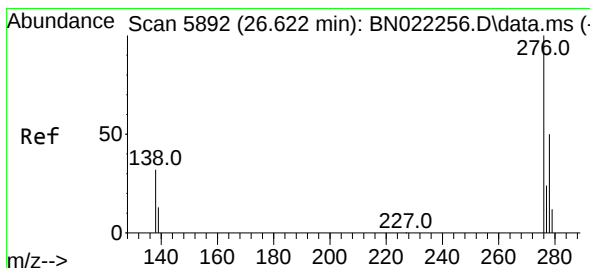
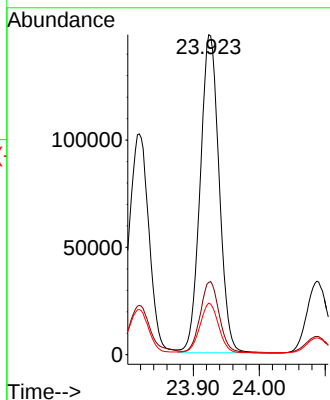
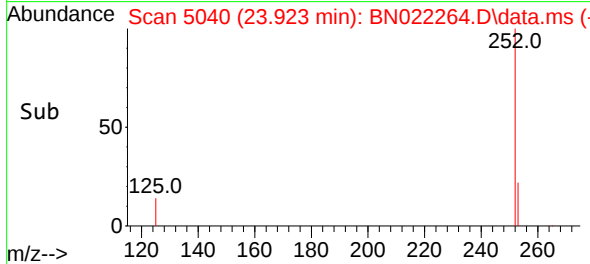
Instrument :
BNA_N
ClientSampleId :
C0BH7



Tgt Ion:252 Resp: 29558
Ion Ratio Lower Upper
252 100
253 22.6 21.0 31.6
125 16.1 17.9 26.9

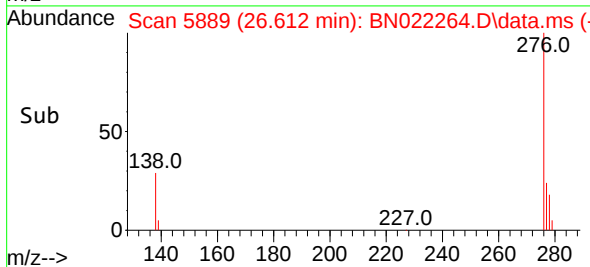
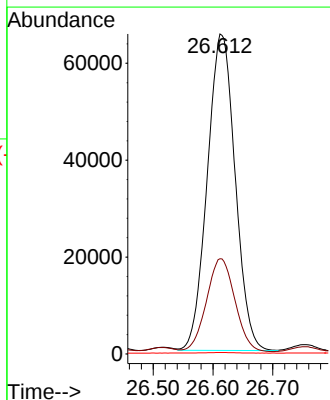
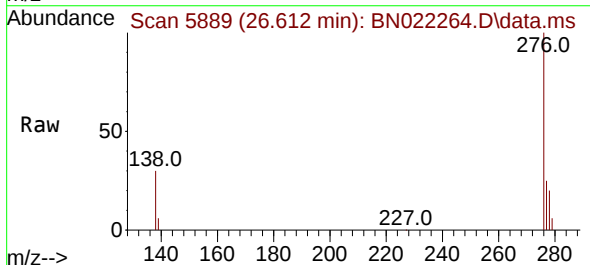
Manual Integrations
APPROVED

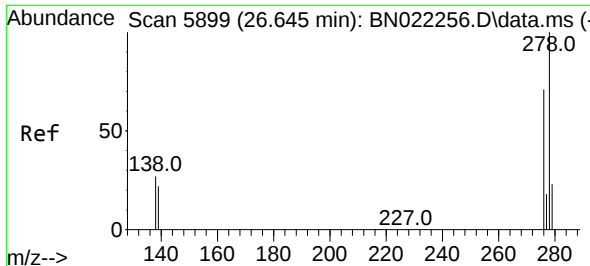
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.624 ng/ul
RT: 26.612 min Scan# 5889
Delta R.T. -0.024 min
Lab File: BN022264.D
Acq: 21 Oct 2022 21:17

Tgt Ion:276 Resp: 211407
Ion Ratio Lower Upper
276 100
138 29.9 27.7 41.5
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 1.530 ng/ul

RT: 26.628 min Scan# 5894

Delta R.T. -0.027 min

Lab File: BN022264.D

Acq: 21 Oct 2022 21:17

Instrument :

BNA_N

ClientSampleId :

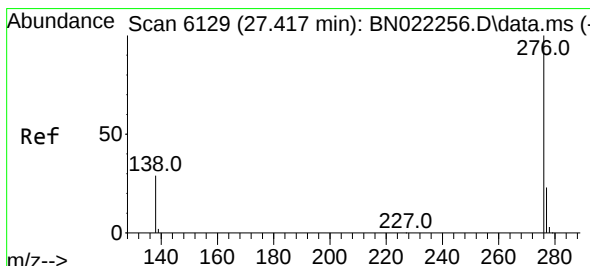
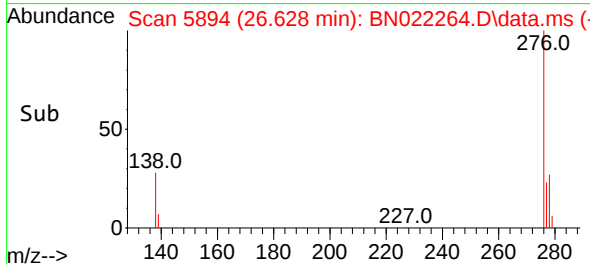
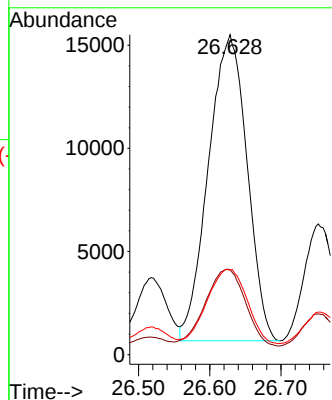
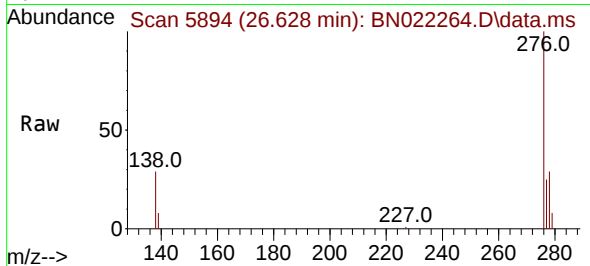
C0BH7

Tgt Ion:278	Resp:	5586
Ion Ratio	Lower	Upper
278	100	
139	26.6	19.6 29.4
279	26.4	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: 4.697 ng/ul

RT: 27.413 min Scan# 6128

Delta R.T. -0.017 min

Lab File: BN022264.D

Acq: 21 Oct 2022 21:17

Tgt Ion:276	Resp:	174952
Ion Ratio	Lower	Upper
276	100	
138	29.9	25.2 37.8
277	24.1	19.9 29.9

