

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022277.D
 Acq On : 22 Oct 2022 05:49
 Operator : CG/JU
 Sample : N5064-12DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BH5DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 11:57:34 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	4511	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	15427	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8382	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	16694	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	10158	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	8026	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	4092	0.698	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1146	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	1883	0.055	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.822	128	10037	0.220	ng/ul	99
7) 2-Methylnaphthalene	12.444	142	7280	0.254	ng/ul	99
8) 1-Methylnaphthalene	12.659	142	6528	0.221	ng/ul	100
10) Acenaphthylene	14.336	152	30125	0.801	ng/ul	99
11) Acenaphthene	14.679	153	1554	0.049	ng/ul	96
12) Fluorene	15.669	166	5236	0.142	ng/ul#	98
15) Phenanthrene	17.417	178	153585	2.740	ng/ul	99
16) Anthracene	17.505	178	19807	0.419	ng/ul	99
19) Fluoranthene	19.440	202	206062	4.429	ng/ul	97
20) Pyrene	19.802	202	168840	3.612	ng/ul	99
21) Benzo(a)anthracene	21.556	228	63310	1.663	ng/ul	96
22) Chrysene	21.611	228	85875	2.129	ng/ul	98
24) Benzo(b)fluoranthene	23.277	252	113160m	2.808	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	40675m	1.038	ng/ul	
26) Benzo(a)pyrene	23.920	252	66812	2.079	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.608	276	68553	1.716	ng/ul	91
28) Dibenzo(a,h)anthracene	26.622	278	17696	0.555	ng/ul	97
29) Benzo(g,h,i)perylene	27.410	276	58505	1.798	ng/ul	98

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

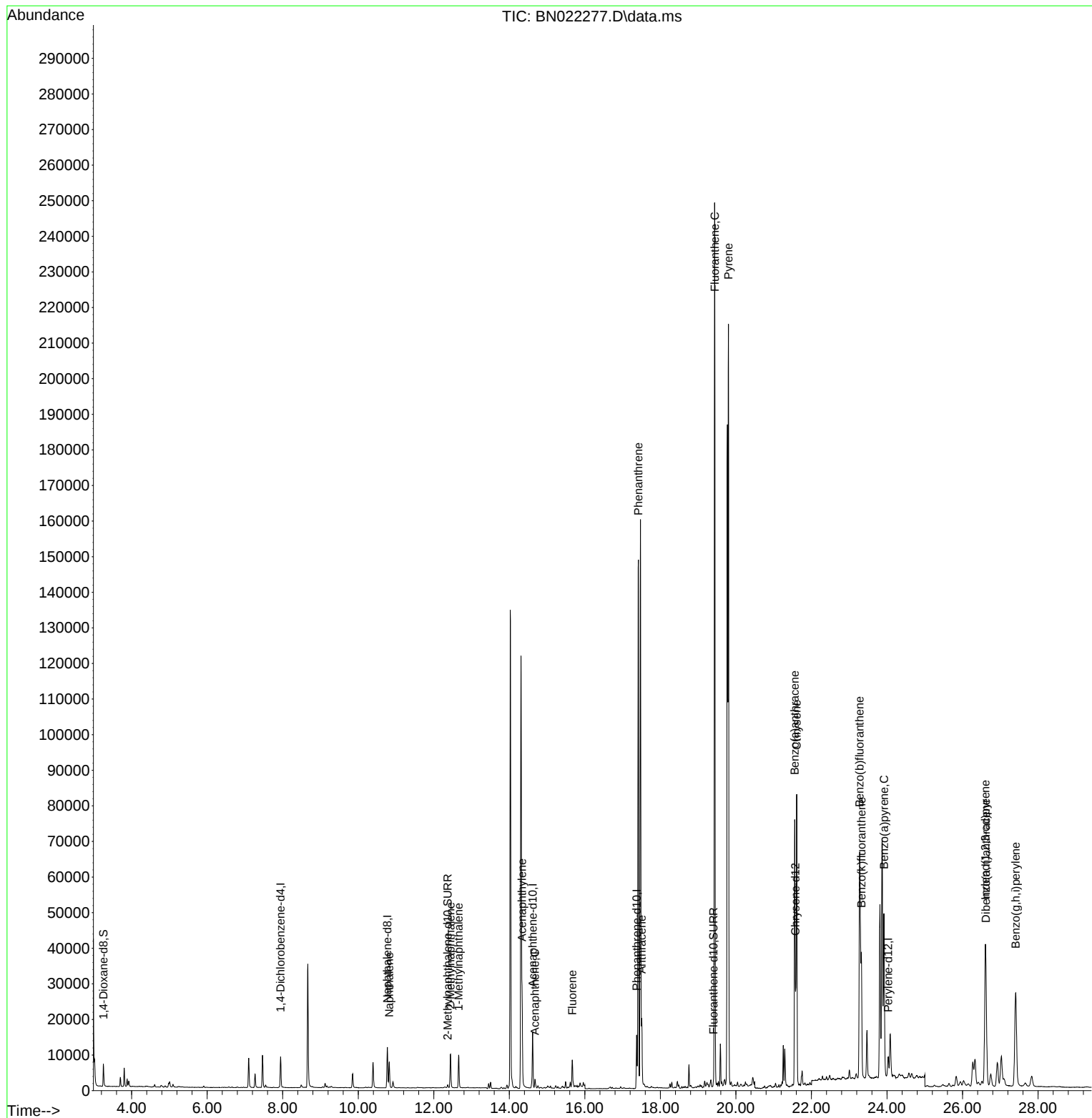
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022277.D
Acq On : 22 Oct 2022 05:49
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Sample : N5064-12DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

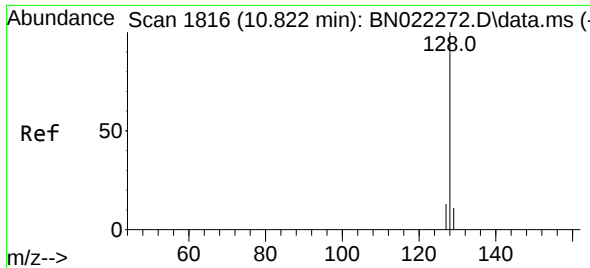
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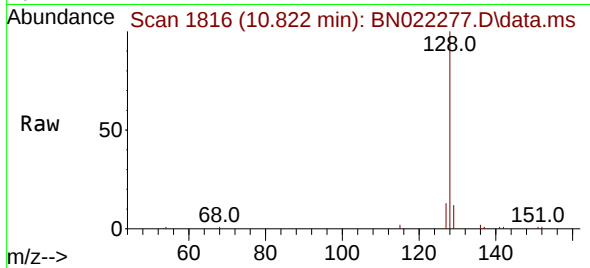
Quant Time: Oct 22 11:57:34 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.220 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49

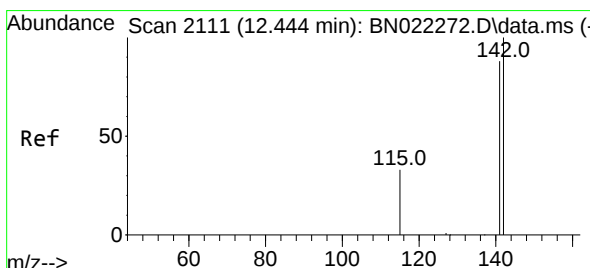
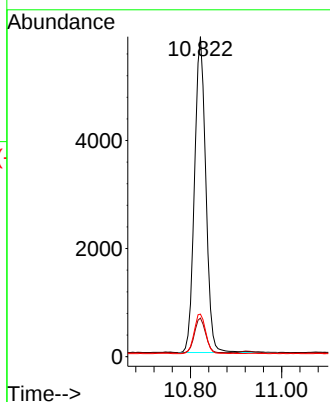
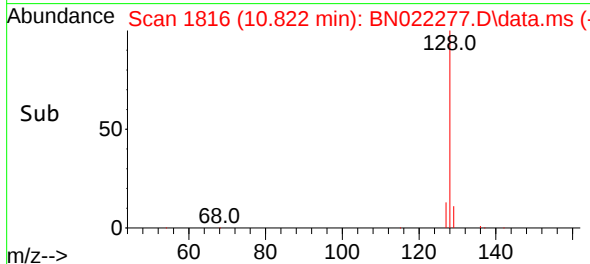
Instrument :
BNA_N
ClientSampleId :
C0BH5DL



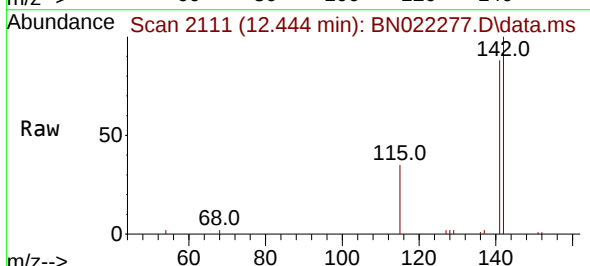
Tgt Ion:128 Resp: 1003
Ion Ratio Lower Upper
128 100
129 12.1 9.3 13.9
127 13.3 10.7 16.1

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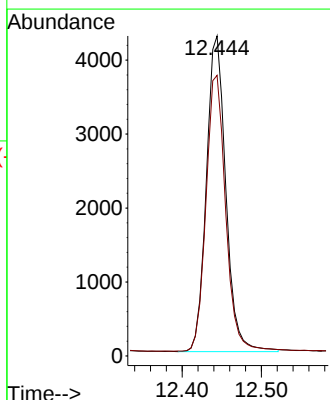
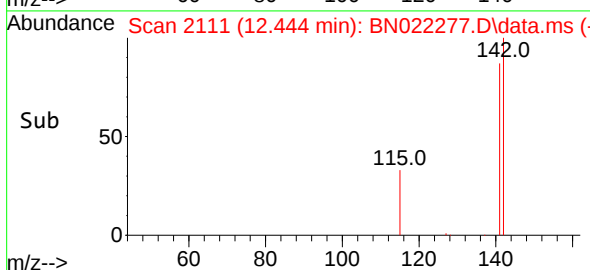
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

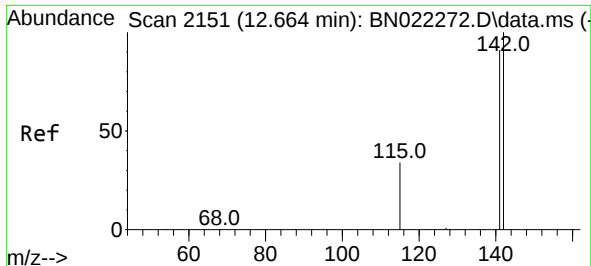


#7
2-Methylnaphthalene
Concen: 0.254 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49



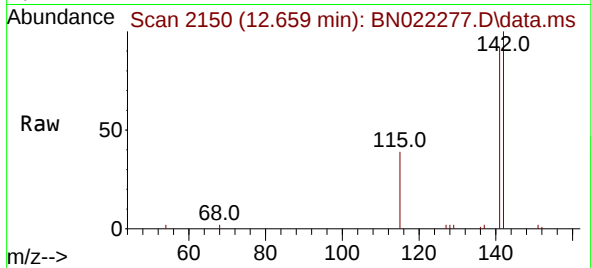
Tgt Ion:142 Resp: 7280
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.221 ng/ul
RT: 12.659 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49

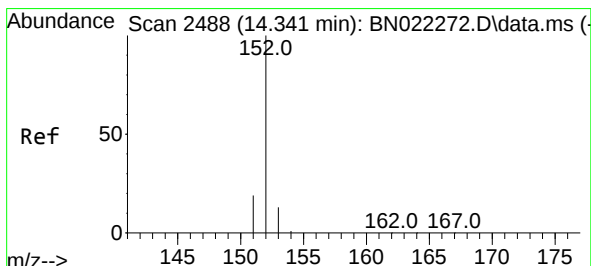
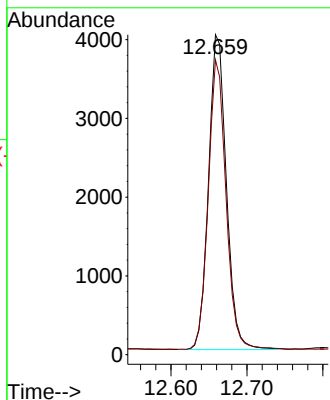
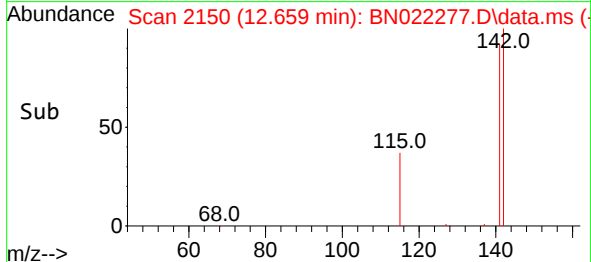
Instrument :
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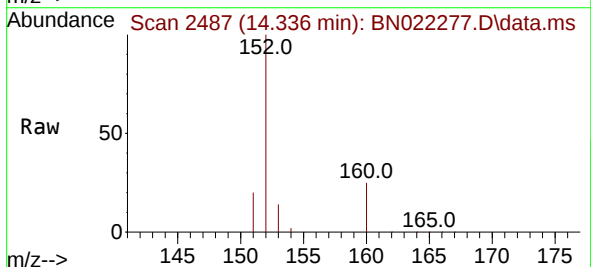
Tgt Ion:142 Resp: 6528
Ion Ratio Lower Upper
142 100
141 91.2 73.3 109.9

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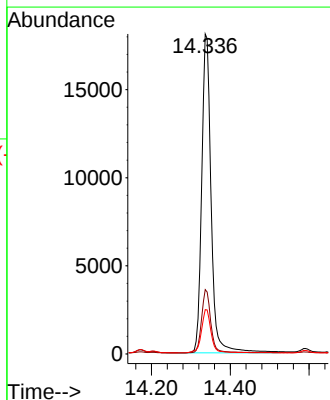
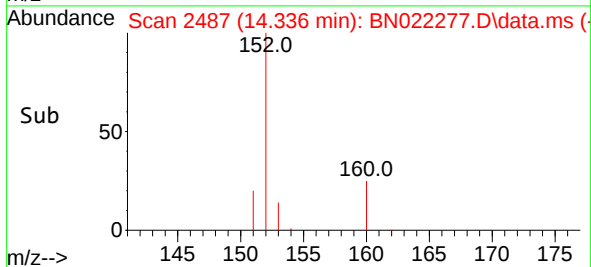
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

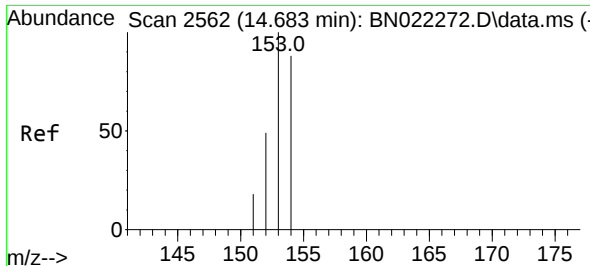


#10
Acenaphthylene
Concen: 0.801 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49



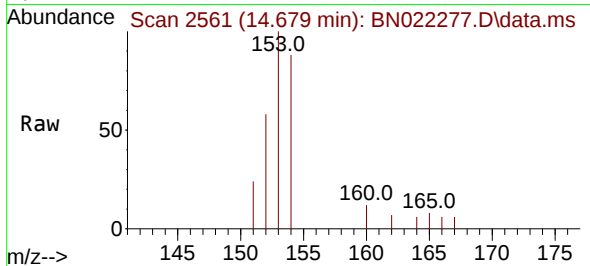
Tgt Ion:152 Resp: 30125
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.9 10.8 16.2





#11
Acenaphthene
Concen: 0.049 ng/u1
RT: 14.679 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49

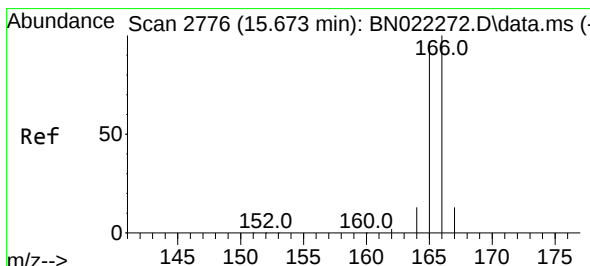
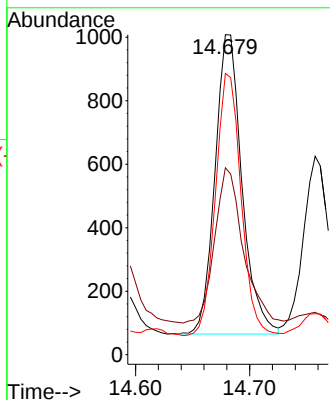
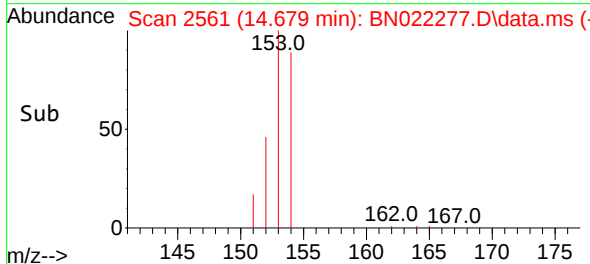
Instrument :
BNA_N
ClientSampleId :
C0BH5DL



Tgt Ion:153 Resp: 1554
Ion Ratio Lower Upper
153 100
152 58.4 40.6 61.0
154 87.9 70.6 106.0

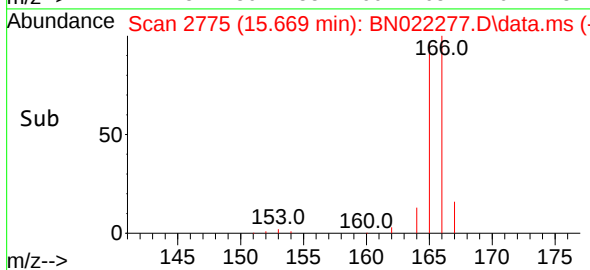
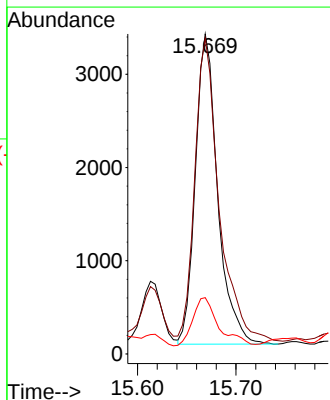
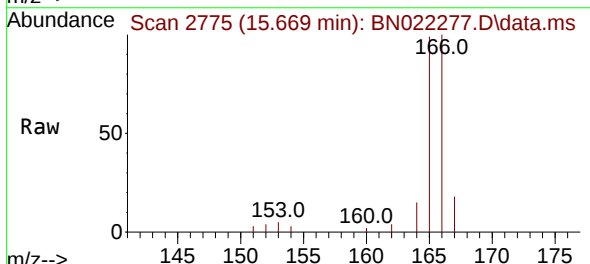
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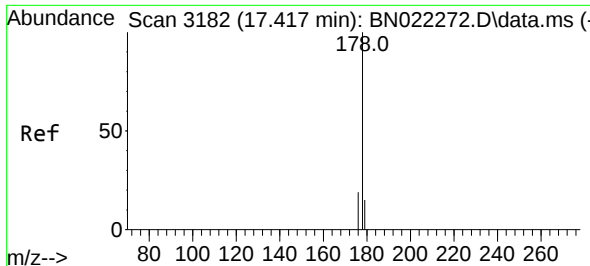
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 0.142 ng/u1
RT: 15.669 min Scan# 2775
Delta R.T. -0.005 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49

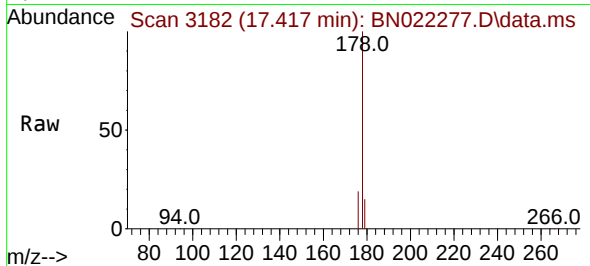
Tgt Ion:166 Resp: 5236
Ion Ratio Lower Upper
166 100
165 98.7 78.2 117.2
167 17.6 11.0 16.4#





#15
Phenanthrene
Concen: 2.740 ng/ul
RT: 17.417 min Scan# 3182
Delta R.T. -0.000 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49

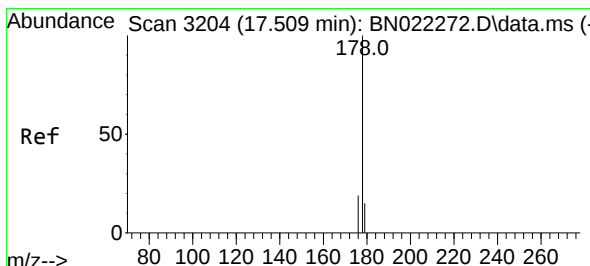
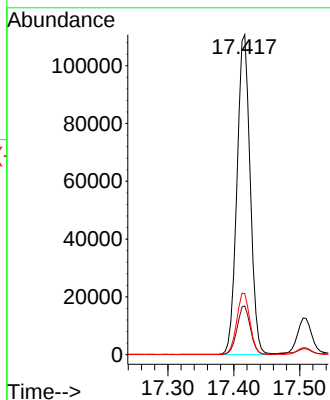
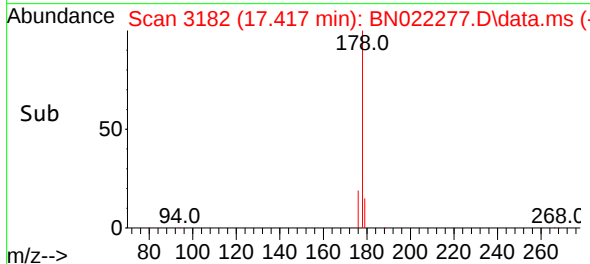
Instrument :
BNA_N
ClientSampleId :
C0BH5DL



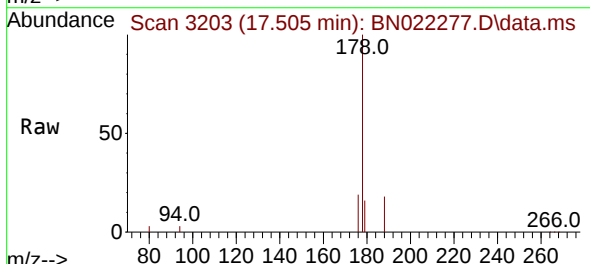
Tgt Ion:178 Resp: 15358
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.1 15.4 23.2

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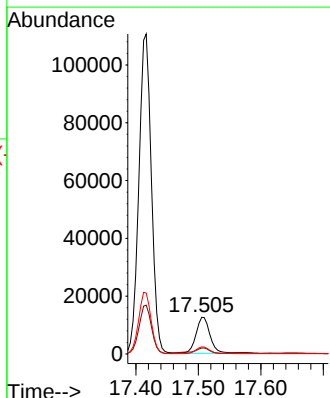
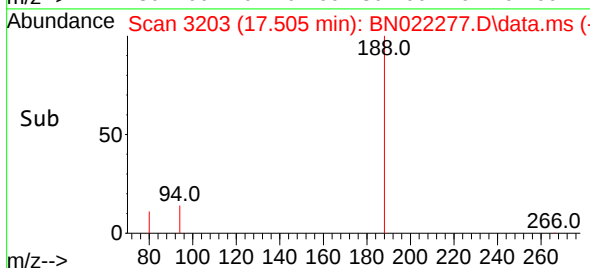
Reviewed By :Jagrut Upadhyay 10/24/2022
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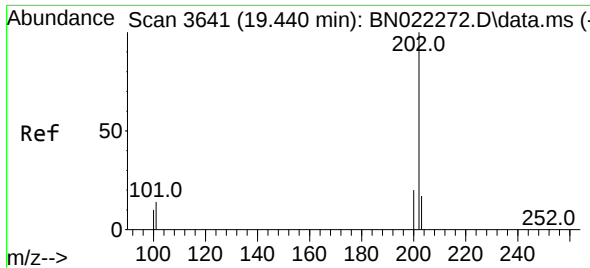


#16
Anthracene
Concen: 0.419 ng/ul
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49



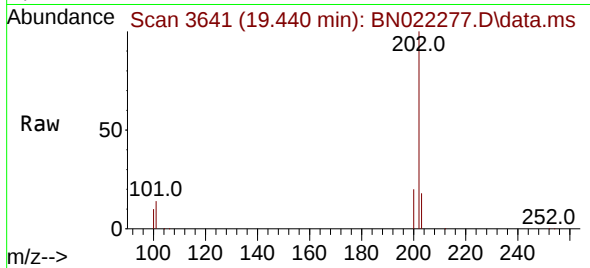
Tgt Ion:178 Resp: 19807
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.3 15.0 22.6





#19
Fluoranthene
Concen: 4.429 ng/u1
RT: 19.440 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49

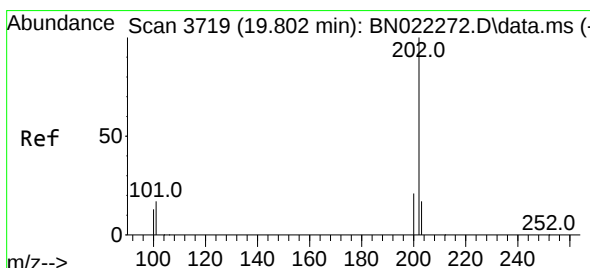
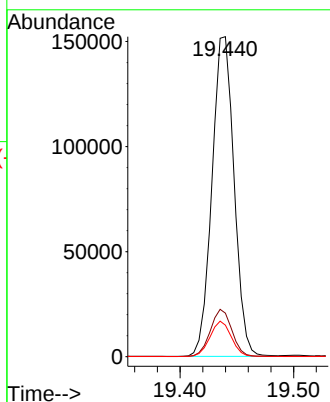
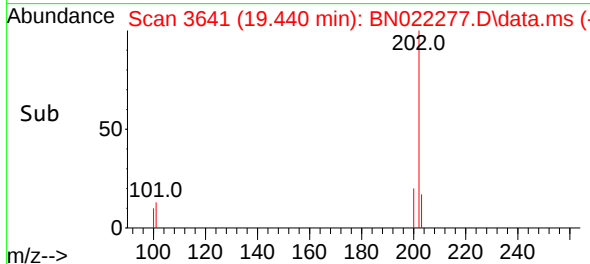
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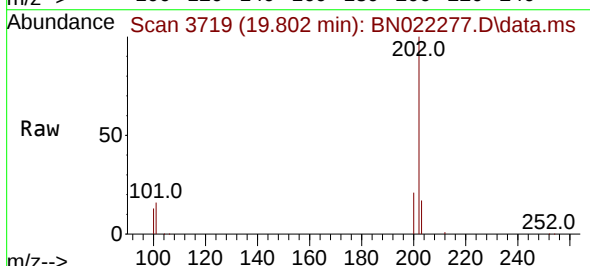
Tgt Ion:202 Resp: 206062
Ion Ratio Lower Upper
202 100
101 13.6 11.8 17.6
100 9.9 8.7 13.1

Manual Integrations
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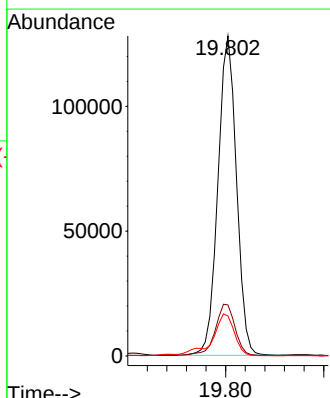
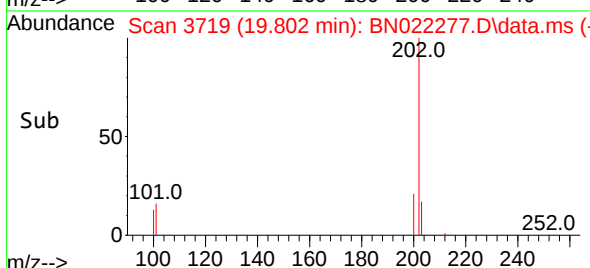
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Supervised By :mohammad ahmed 10/24/2022

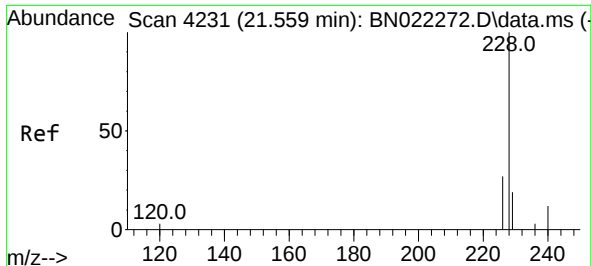


#20
Pyrene
Concen: 3.612 ng/u1
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49



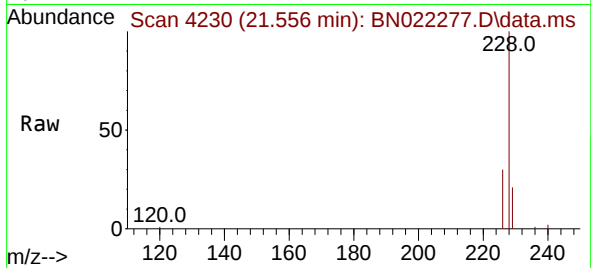
Tgt Ion:202 Resp: 168840
Ion Ratio Lower Upper
202 100
101 15.9 13.1 19.7
100 12.5 10.6 16.0





#21
Benzo(a)anthracene
Concen: 1.663 ng/ul
RT: 21.556 min Scan# 4231
Delta R.T. -0.003 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49

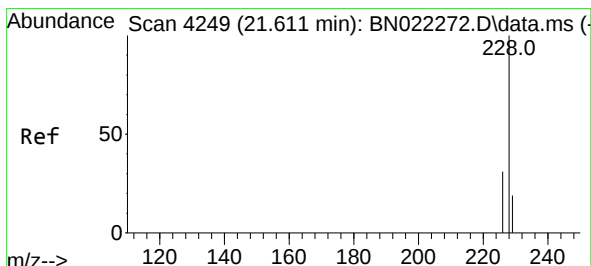
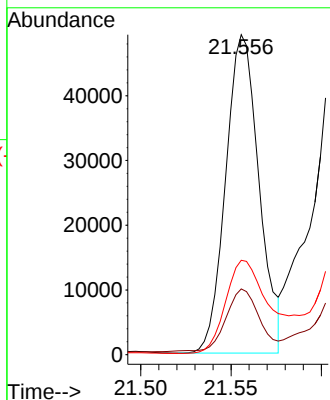
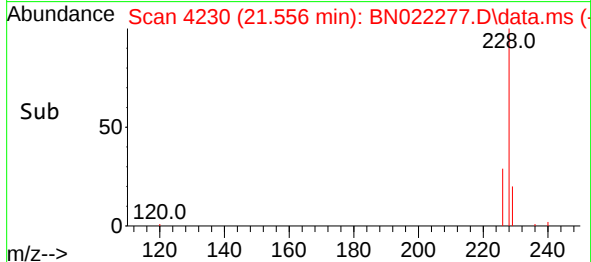
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Tgt Ion:228 Resp: 63310
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 29.5 21.5 32.3

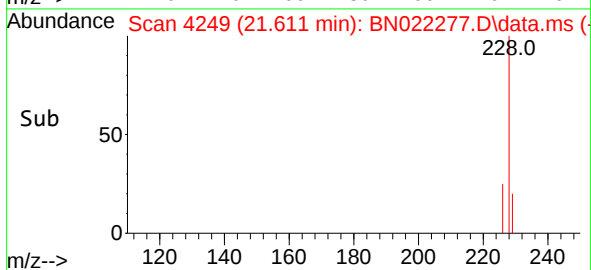
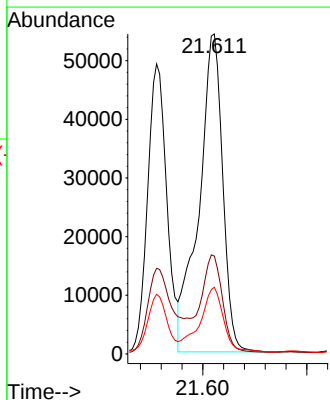
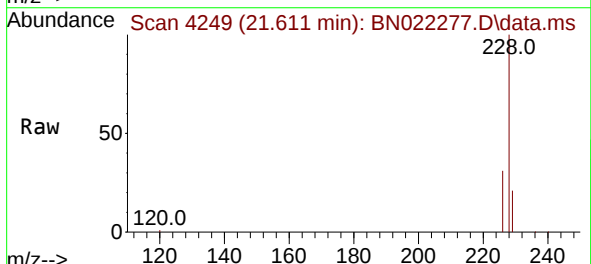
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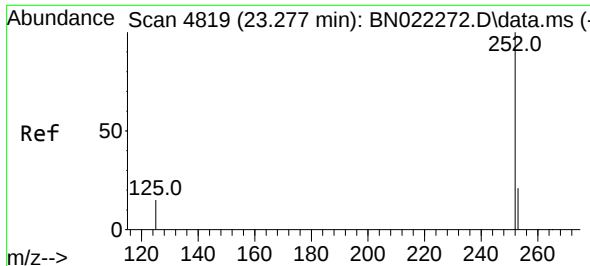
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#22
Chrysene
Concen: 2.129 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.000 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49

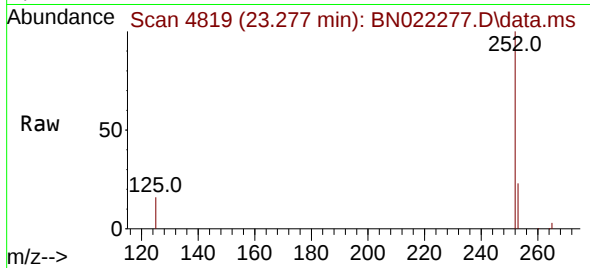
Tgt Ion:228 Resp: 85875
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 20.9 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 2.808 ng/ul m
RT: 23.277 min Scan# 4819
Delta R.T. -0.000 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49

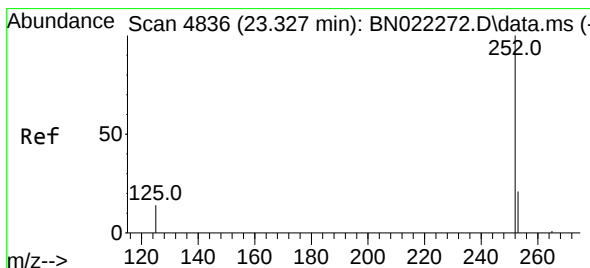
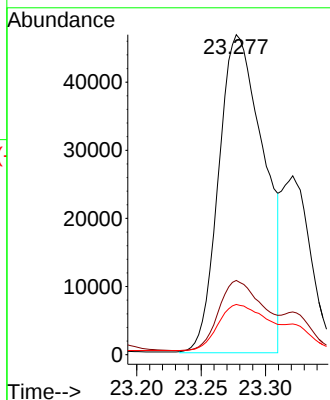
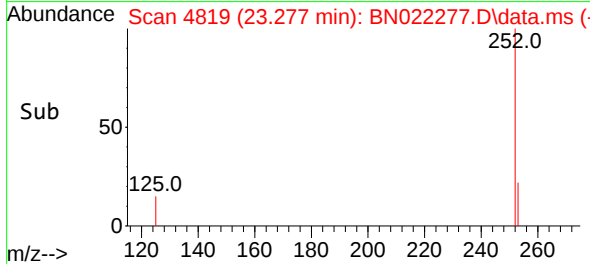
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 113160
Ion Ratio Lower Upper
252 100
253 23.2 0.0 49.0
125 15.7 0.0 35.2

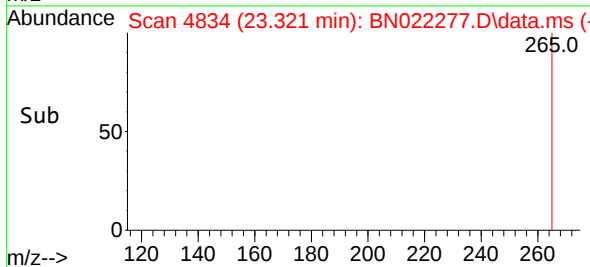
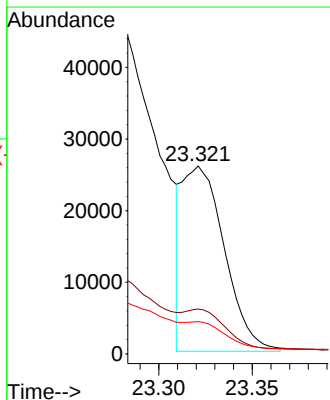
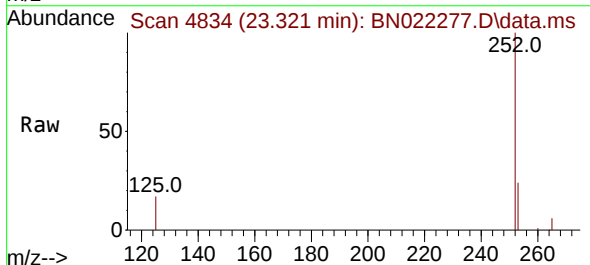
Manual Integrations
APPROVED

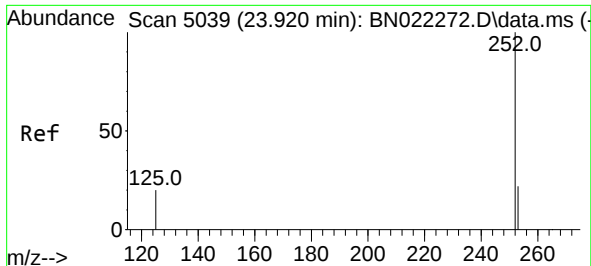
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#25
Benzo(k)fluoranthene
Concen: 1.038 ng/ul m
RT: 23.321 min Scan# 4834
Delta R.T. -0.006 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49

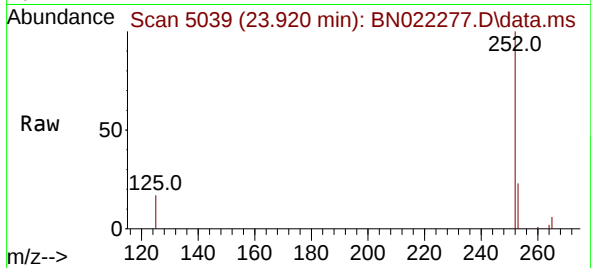
Tgt Ion:252 Resp: 40675
Ion Ratio Lower Upper
252 100
253 23.9 19.7 29.5
125 17.2 14.0 21.0





#26
Benzo(a)pyrene
Concen: 2.079 ng/ul
RT: 23.920 min Scan# 5039
Delta R.T. -0.000 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49

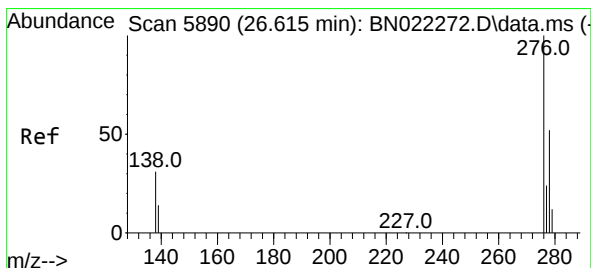
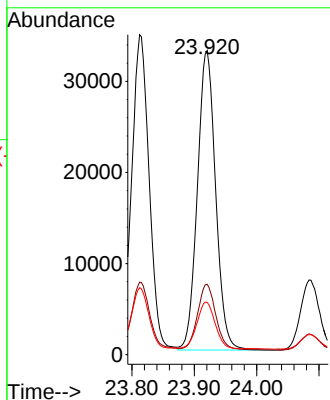
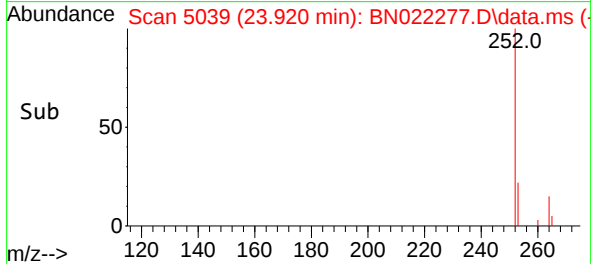
Instrument :
BNA_N
ClientSampleId :
C0BH5DL



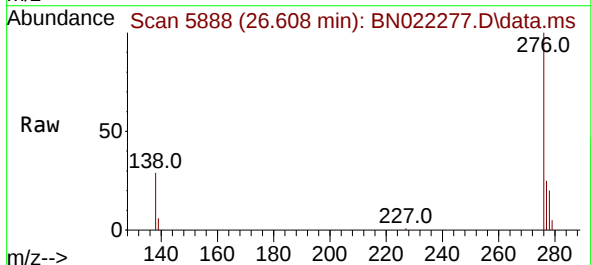
Tgt Ion:252 Resp: 66812
Ion Ratio Lower Upper
252 100
253 23.2 21.0 31.6
125 17.2 17.9 26.9

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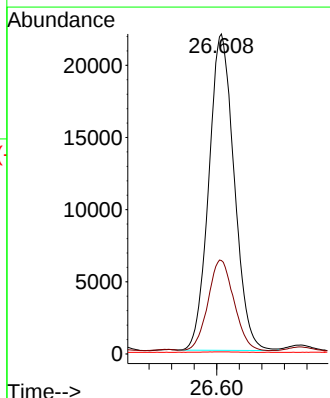
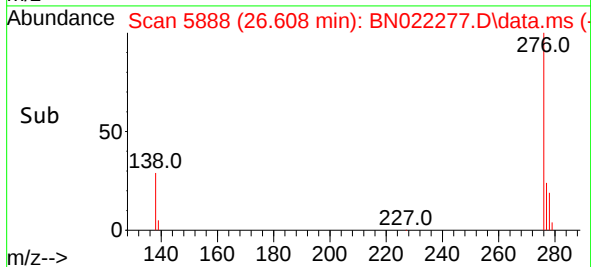
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

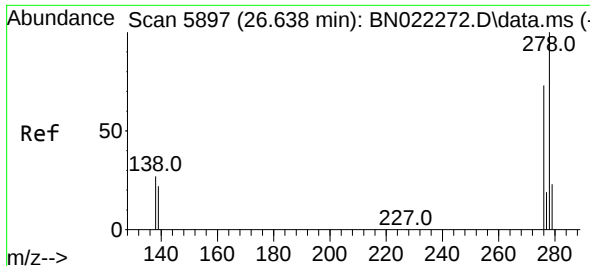


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.716 ng/ul
RT: 26.608 min Scan# 5888
Delta R.T. -0.007 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49



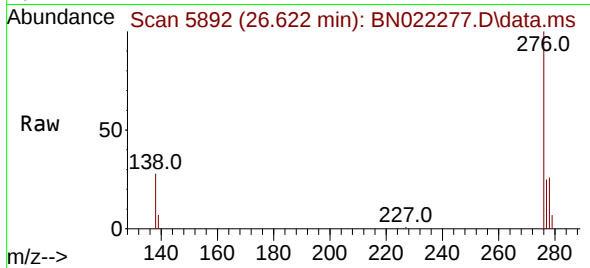
Tgt Ion:276 Resp: 68553
Ion Ratio Lower Upper
276 100
138 29.4 27.7 41.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.555 ng/ul
RT: 26.622 min Scan# 5892
Delta R.T. -0.017 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49

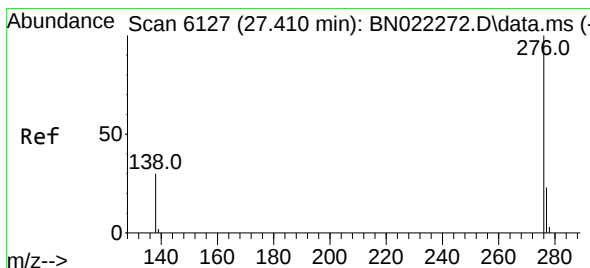
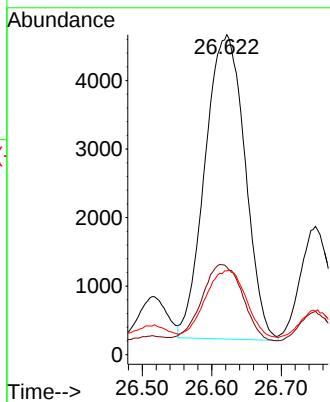
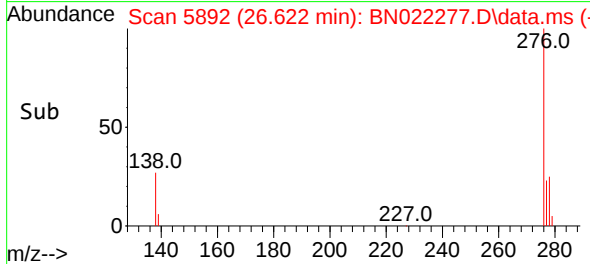
Instrument :
BNA_N
ClientSampleId :
C0BH5DL



Tgt Ion:278 Resp: 17690
Ion Ratio Lower Upper
278 100
139 27.4 19.6 29.4
279 26.1 20.6 30.8

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



#29
Benzo(g,h,i)perylene
Concen: 1.798 ng/ul
RT: 27.410 min Scan# 6127
Delta R.T. -0.000 min
Lab File: BN022277.D
Acq: 22 Oct 2022 05:49

Tgt Ion:276 Resp: 58505
Ion Ratio Lower Upper
276 100
138 30.0 25.2 37.8
277 24.4 19.9 29.9

