

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022275.D
 Acq On : 22 Oct 2022 04:37
 Operator : CG/JU
 Sample : N5064-07DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BN4DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 05:34:00 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	5055	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	16041	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.618	164	8044	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	14651	0.400	ng/ul	0.00
17) Chrysene-d12	21.570	240	10799	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	9500	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	5713	0.870	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1228	0.051	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	2032	0.056	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	12384	0.261	ng/ul	100
7) 2-Methylnaphthalene	12.444	142	9869	0.331	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	7817	0.255	ng/ul	100
10) Acenaphthylene	14.341	152	5693	0.158	ng/ul#	94
11) Acenaphthene	14.678	153	620	0.020	ng/ul	94
12) Fluorene	15.668	166	1124	0.032	ng/ul#	89
15) Phenanthrene	17.412	178	45914	0.933	ng/ul	99
16) Anthracene	17.505	178	7055	0.170	ng/ul	97
19) Fluoranthene	19.435	202	77334	1.563	ng/ul	100
20) Pyrene	19.802	202	65951m	1.327	ng/ul	
21) Benzo(a)anthracene	21.552	228	32806	0.811	ng/ul	97
22) Chrysene	21.608	228	35942	0.838	ng/ul	97
24) Benzo(b)fluoranthene	23.274	252	45531m	0.954	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	17619m	0.380	ng/ul	
26) Benzo(a)pyrene	23.917	252	30752	0.809	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.605	276	23216	0.491	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.618	278	6570	0.174	ng/ul#	87
29) Benzo(g,h,i)perylene	27.403	276	19069	0.495	ng/ul	100

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

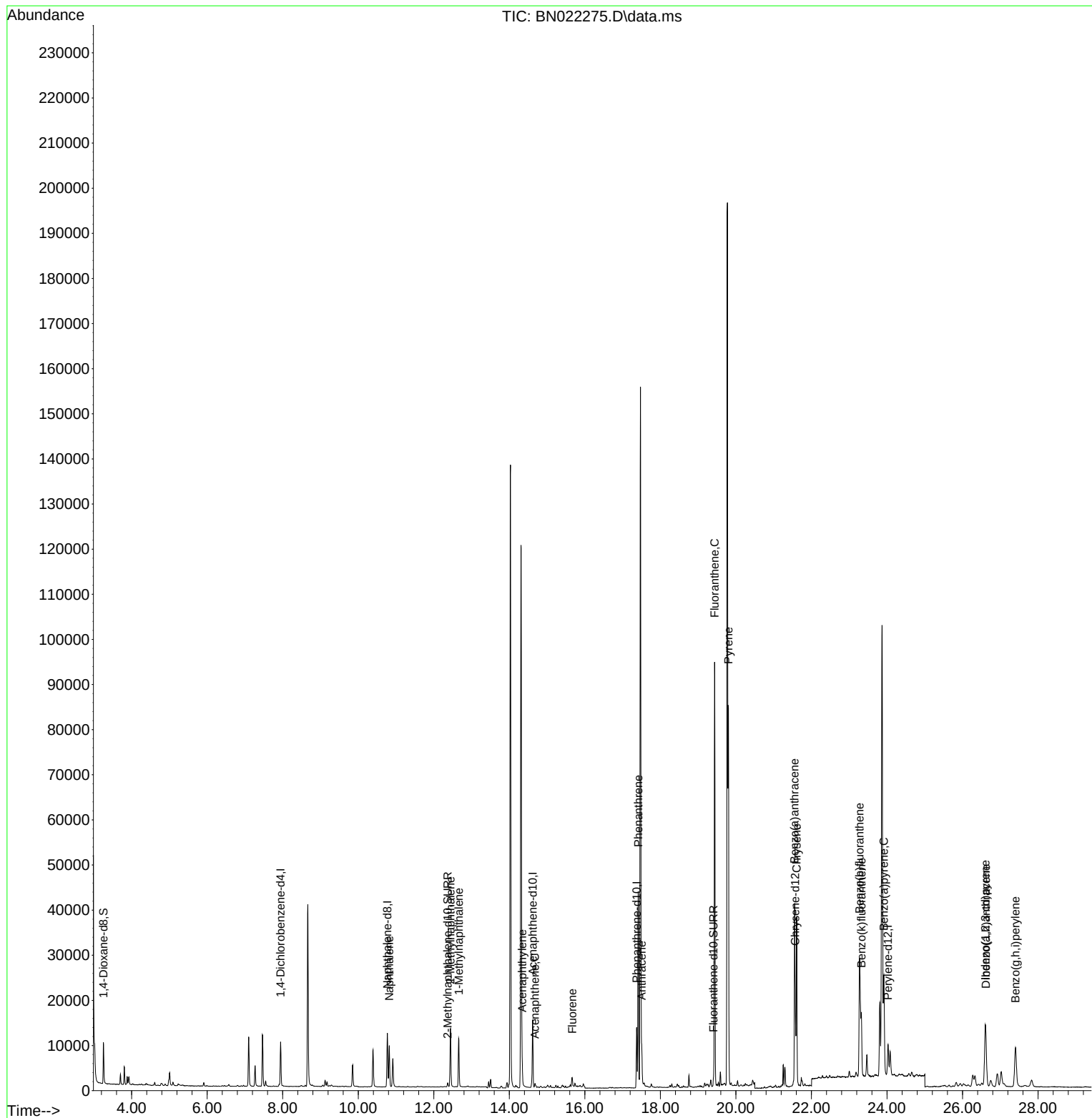
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022275.D
Acq On : 22 Oct 2022 04:37
Operator : CG/JU
Sample : N5064-07DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

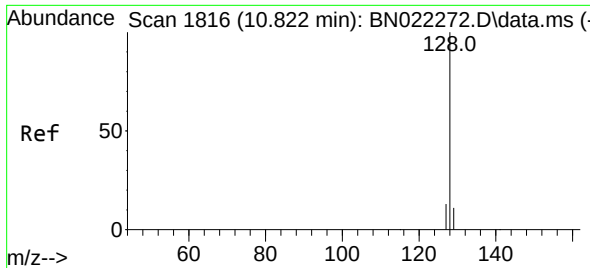
Instrument :
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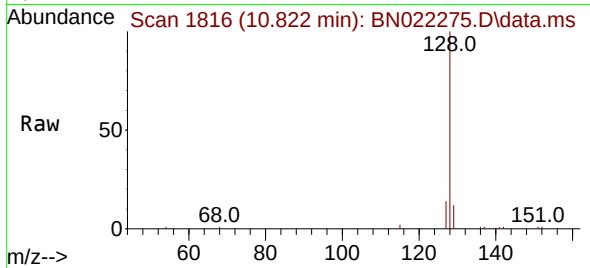
Quant Time: Oct 22 05:34:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.261 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37

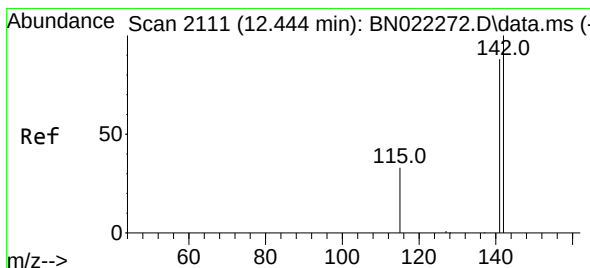
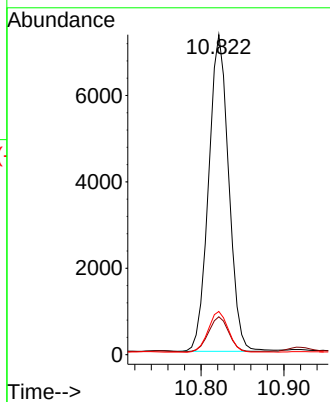
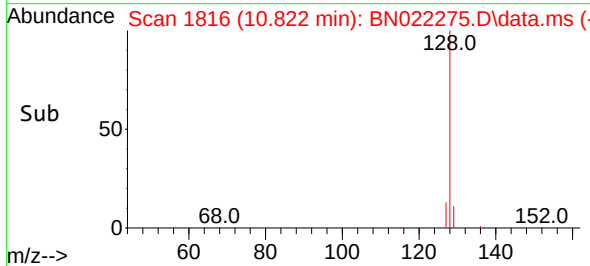
Instrument :
BNA_N
ClientSampleId :
C0BN4DL



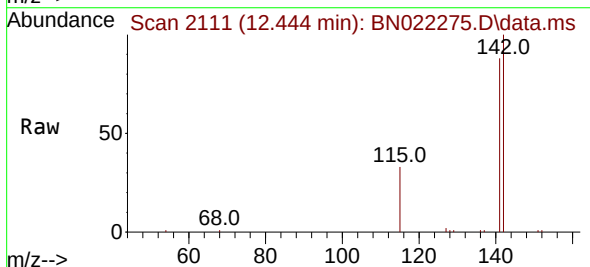
Tgt Ion:128 Resp: 12384
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 13.5 10.7 16.1

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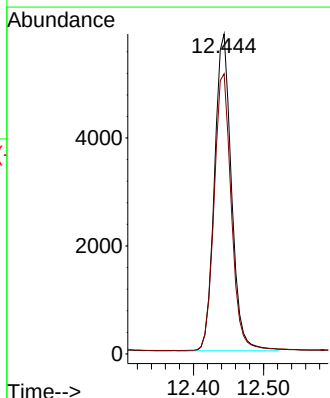
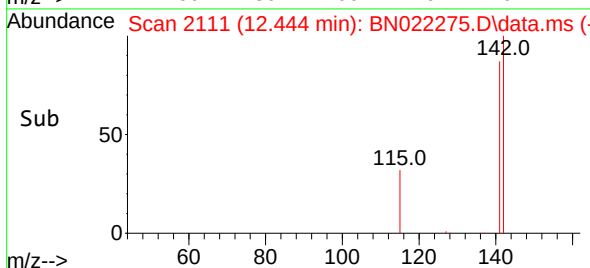
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

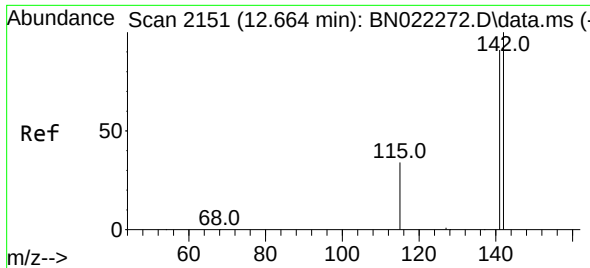


#7
2-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37



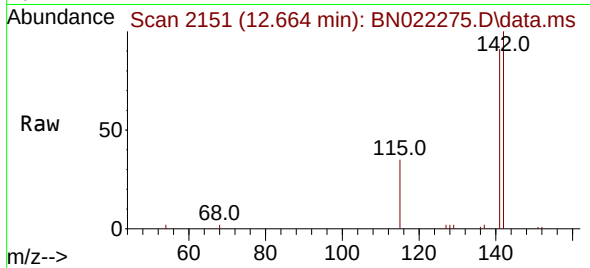
Tgt Ion:142 Resp: 9869
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.255 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37

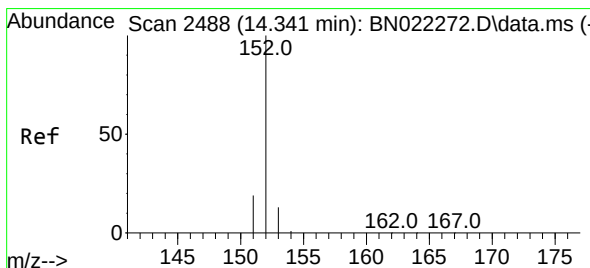
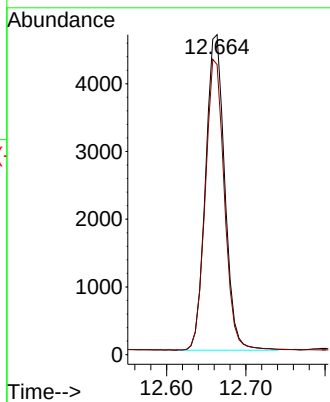
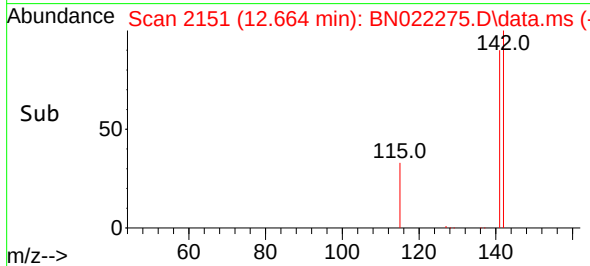
Instrument :
BNA_N
ClientSampleId :
C0BN4DL



Tgt Ion:142 Resp: 781
Ion Ratio Lower Upper
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141 91.5 73.3 109.9

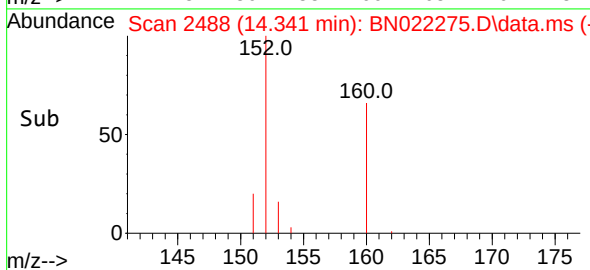
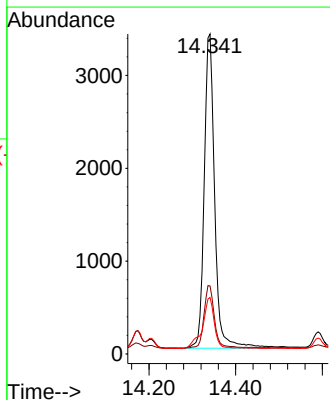
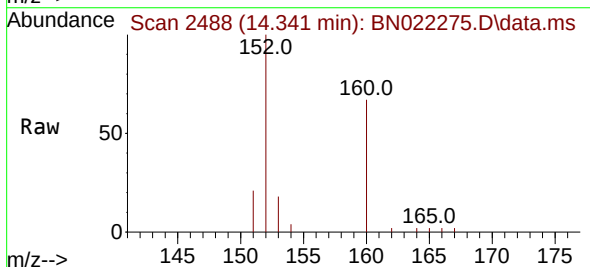
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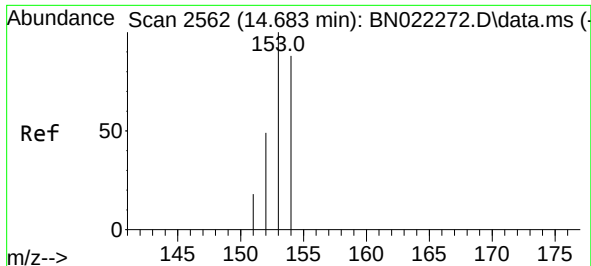
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#10
Acenaphthylene
Concen: 0.158 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.000 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37

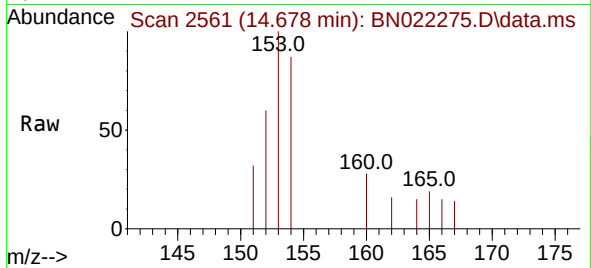
Tgt Ion:152 Resp: 5693
Ion Ratio Lower Upper
152 100
151 21.2 15.9 23.9
153 17.7 10.8 16.2#





#11
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.678 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37

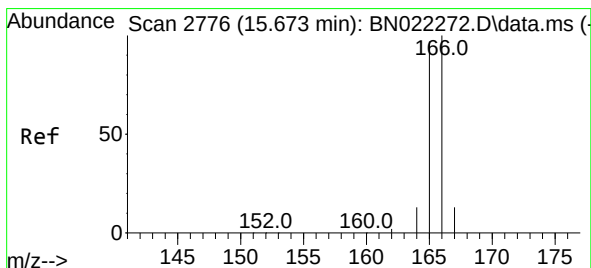
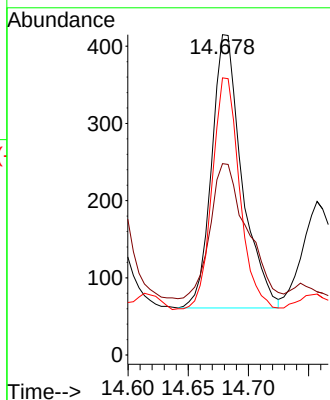
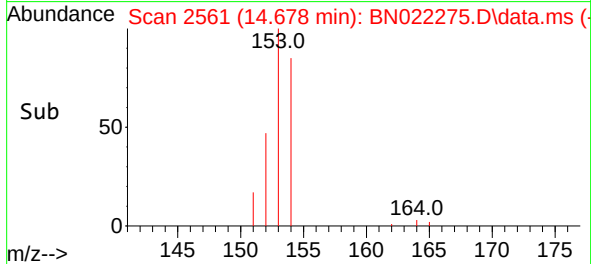
Instrument :
BNA_N
ClientSampleId :
C0BN4DL



Tgt Ion:153 Resp: 620
Ion Ratio Lower Upper
153 100
152 59.8 40.6 61.0
154 86.5 70.6 106.0

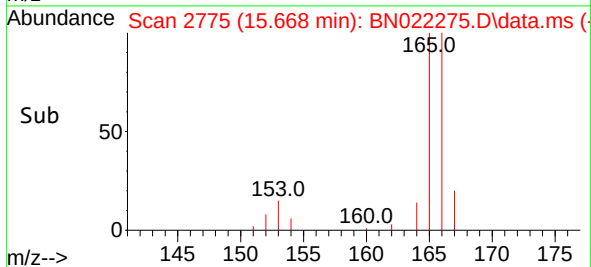
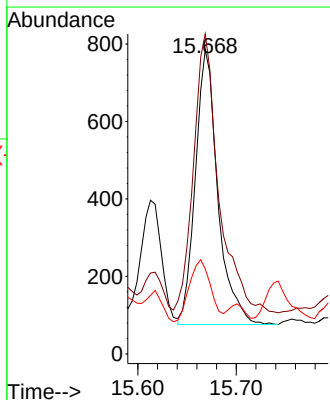
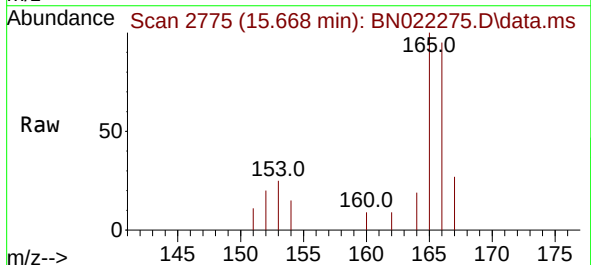
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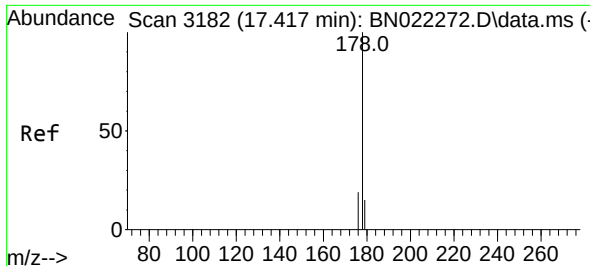
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 0.032 ng/ul
RT: 15.668 min Scan# 2775
Delta R.T. -0.005 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37

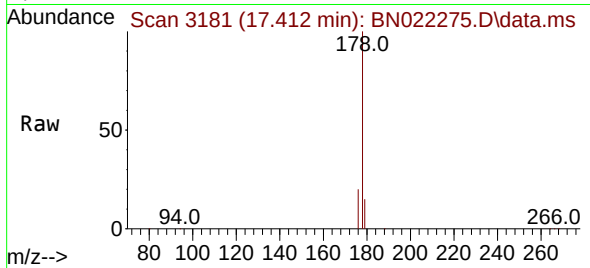
Tgt Ion:166 Resp: 1124
Ion Ratio Lower Upper
166 100
165 105.2 78.2 117.2
167 27.9 11.0 16.4#





#15
Phenanthrene
Concen: 0.933 ng/u1
RT: 17.412 min Scan# 3181
Delta R.T. -0.005 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37

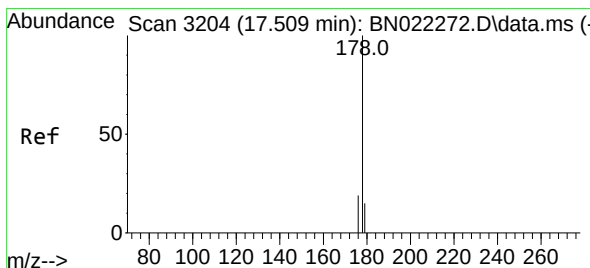
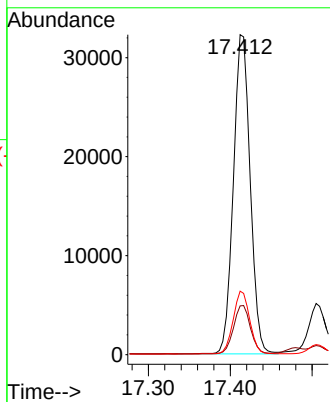
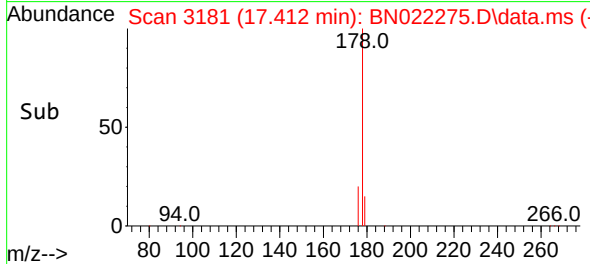
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BNA_N
ClientSampleId :
C0BN4DL



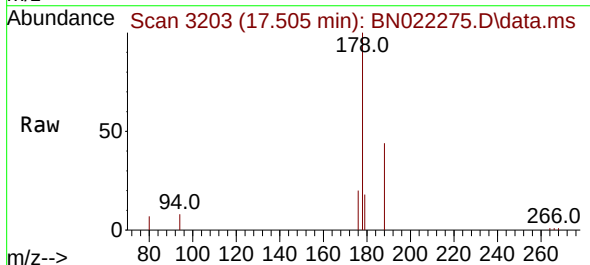
Tgt Ion:178 Resp: 45914
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.9 15.4 23.2

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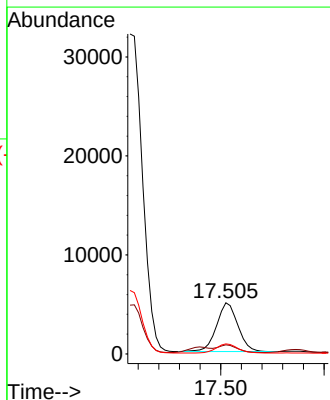
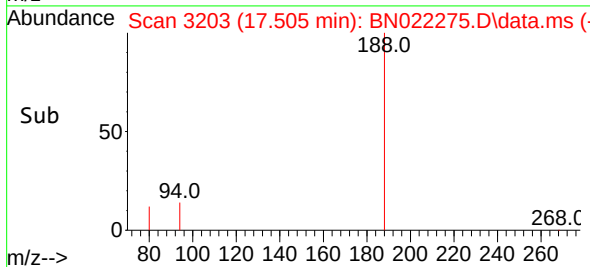
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

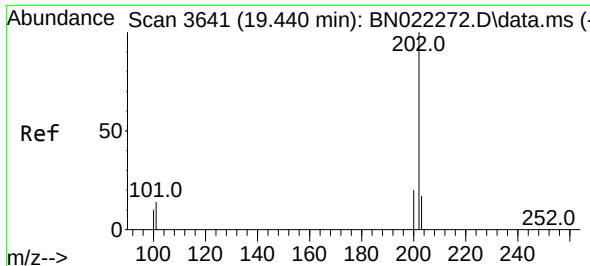


#16
Anthracene
Concen: 0.170 ng/u1
RT: 17.505 min Scan# 3203
Delta R.T. -0.005 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37



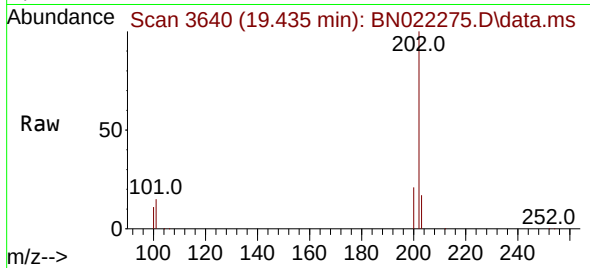
Tgt Ion:178 Resp: 7055
Ion Ratio Lower Upper
178 100
179 17.7 12.6 18.8
176 19.7 15.0 22.6





#19
Fluoranthene
Concen: 1.563 ng/ul
RT: 19.435 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37

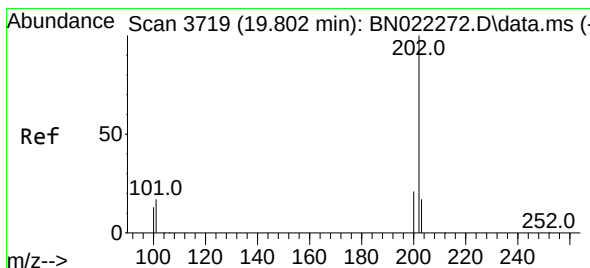
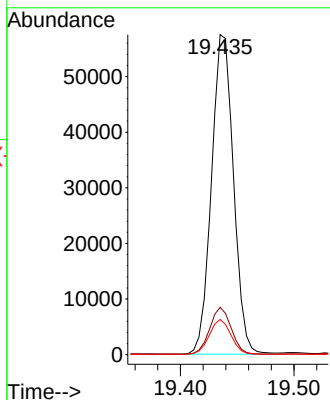
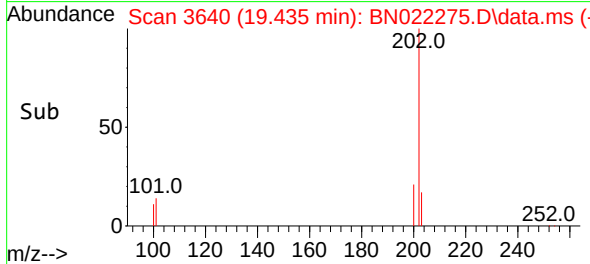
Instrument :
BNA_N
ClientSampleId :
C0BN4DL



Tgt Ion:202 Resp: 77334
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 11.0 8.7 13.1

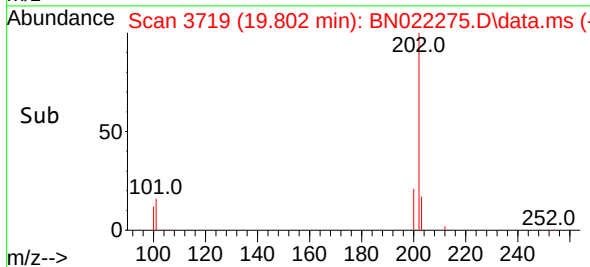
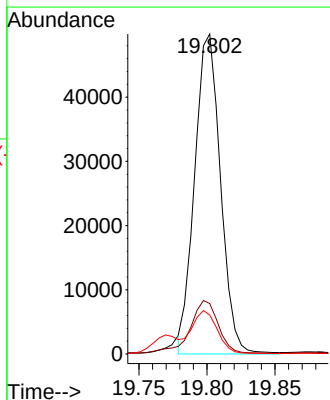
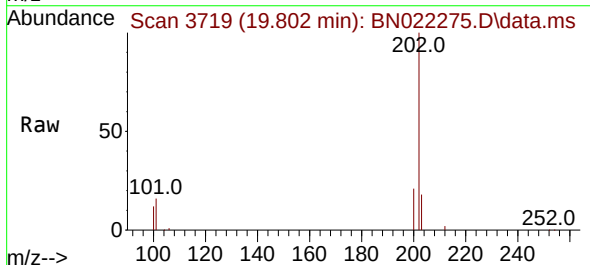
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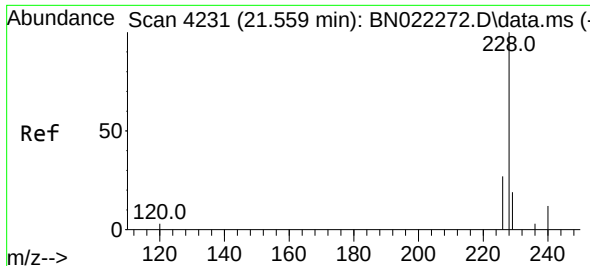
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 1.327 ng/ul m
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37

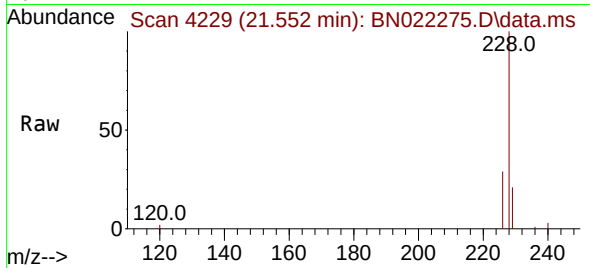
Tgt Ion:202 Resp: 65951
Ion Ratio Lower Upper
202 100
101 15.7 13.1 19.7
100 12.2 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.811 ng/u1
RT: 21.552 min Scan# 4229
Delta R.T. -0.006 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37

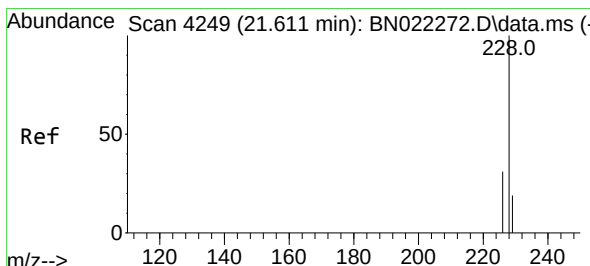
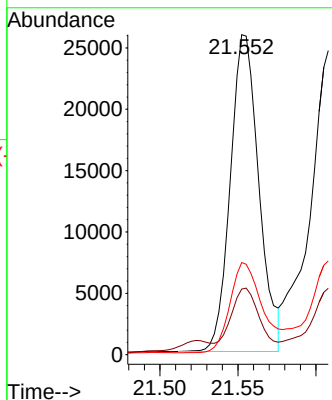
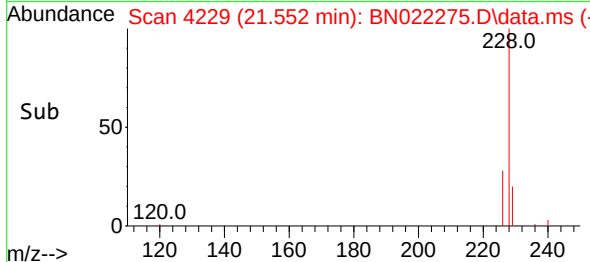
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C0BN4DL



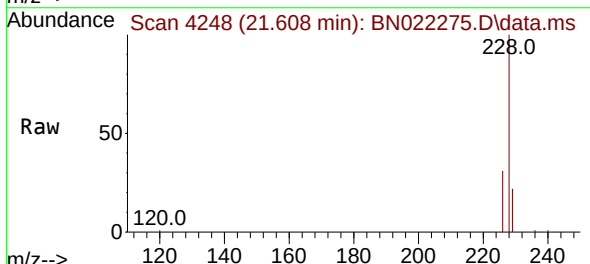
Tgt Ion:228 Resp: 32800
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.8 21.5 32.3

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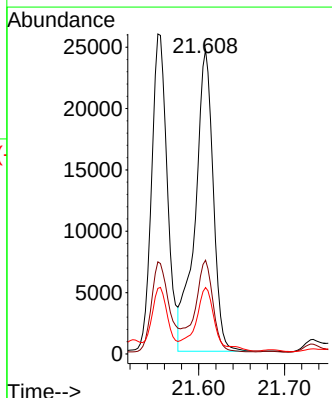
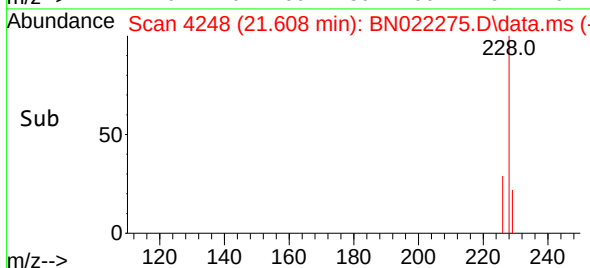
Reviewed By :Jagrut Upadhyay 10/24/2022
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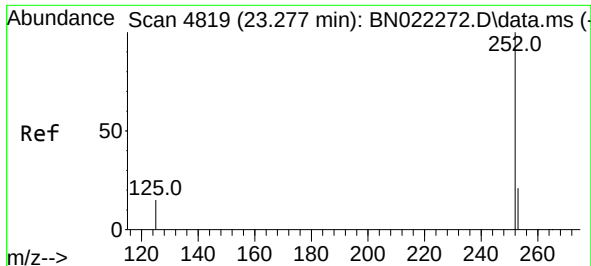


#22
Chrysene
Concen: 0.838 ng/u1
RT: 21.608 min Scan# 4248
Delta R.T. -0.003 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37



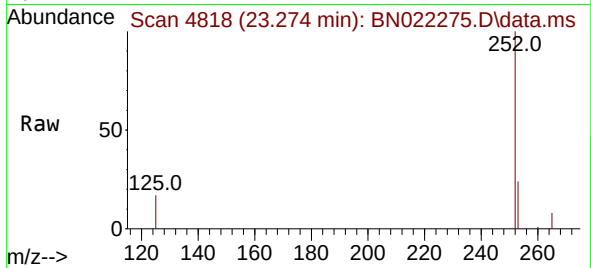
Tgt Ion:228 Resp: 35942
Ion Ratio Lower Upper
228 100
226 30.8 23.9 35.9
229 21.8 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.954 ng/ul m
RT: 23.274 min Scan# 4818
Delta R.T. -0.003 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37

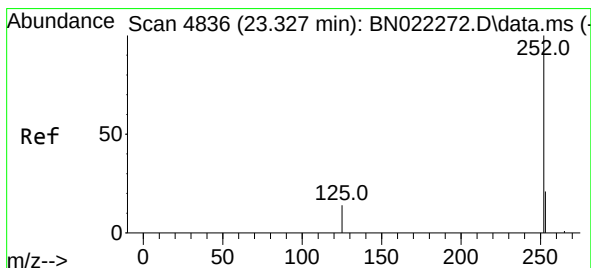
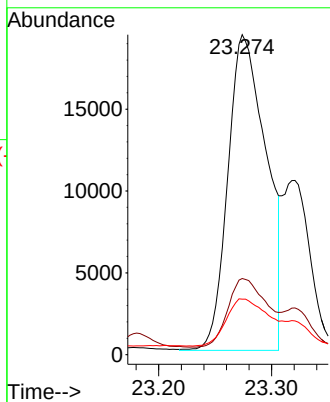
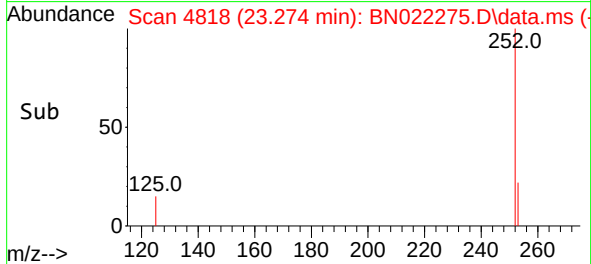
Instrument :
BNA_N
ClientSampleId :
C0BN4DL



Tgt Ion:252 Resp: 4553
Ion Ratio Lower Upper
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253 23.8 0.0 49.0
125 17.4 0.0 35.2

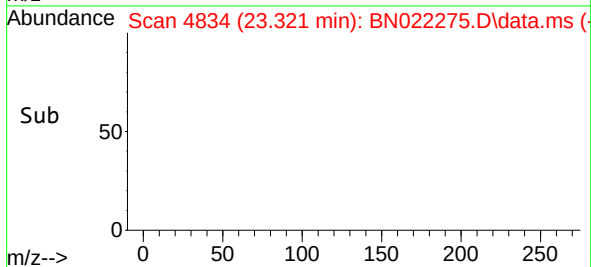
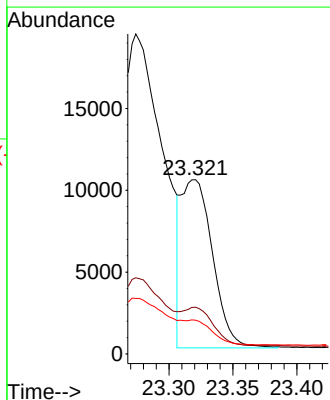
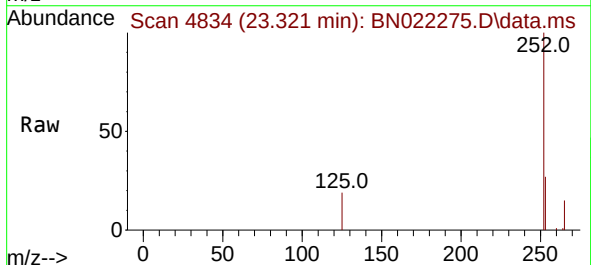
Manual Integrations
APPROVED

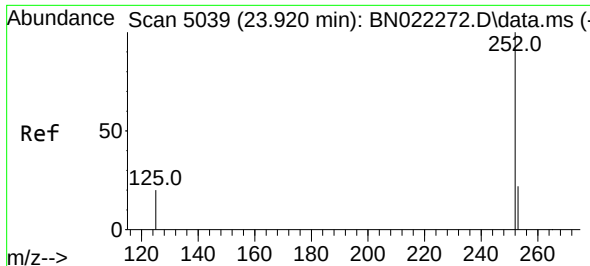
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.380 ng/ul m
RT: 23.321 min Scan# 4834
Delta R.T. -0.006 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37

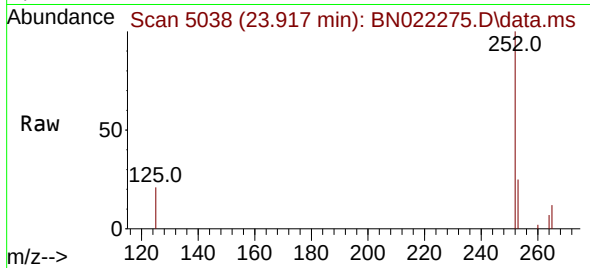
Tgt Ion:252 Resp: 17619
Ion Ratio Lower Upper
252 100
253 26.8 19.7 29.5
125 19.4 14.0 21.0





#26
Benzo(a)pyrene
Concen: 0.809 ng/ul
RT: 23.917 min Scan# 5039
Delta R.T. -0.003 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37

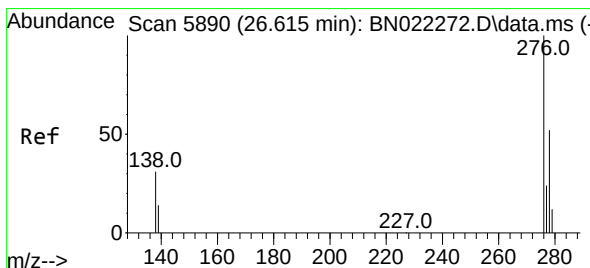
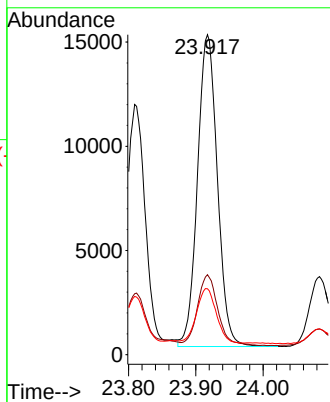
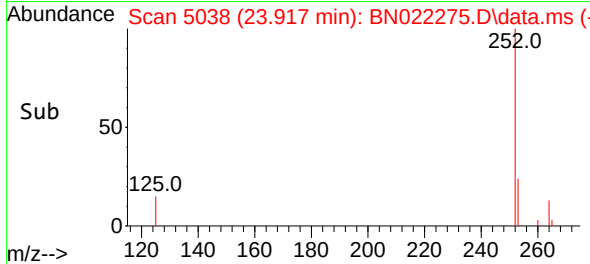
Instrument :
BNA_N
ClientSampleId :
C0BN4DL



Tgt Ion:252 Resp: 30752
Ion Ratio Lower Upper
252 100
253 25.0 21.0 31.6
125 20.6 17.9 26.9

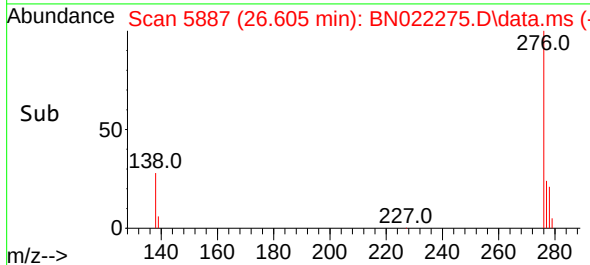
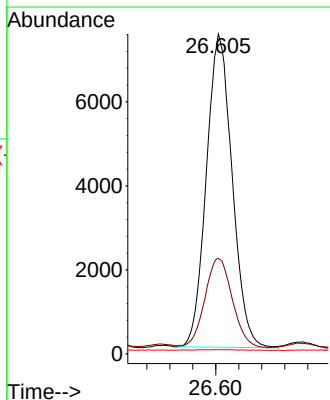
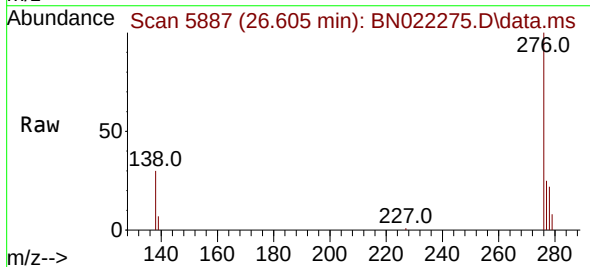
Manual Integrations
APPROVED

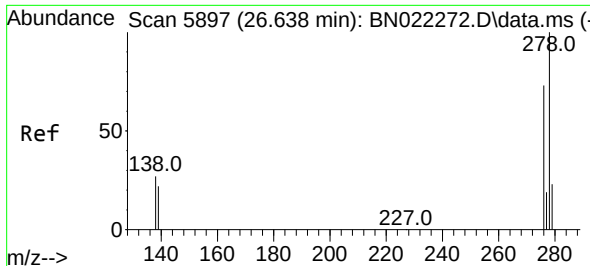
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.491 ng/ul
RT: 26.605 min Scan# 5887
Delta R.T. -0.010 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37

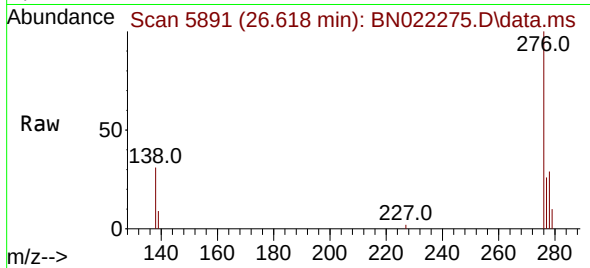
Tgt Ion:276 Resp: 23216
Ion Ratio Lower Upper
276 100
138 30.3 27.7 41.5
227 0.3 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.174 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. -0.020 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37

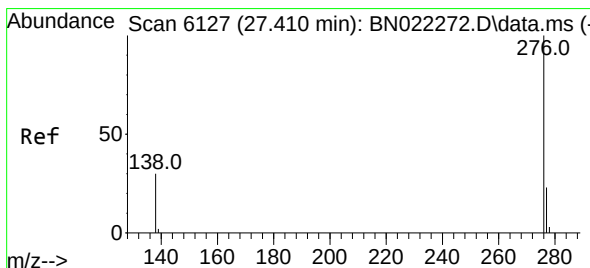
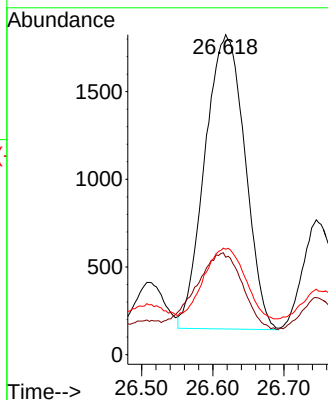
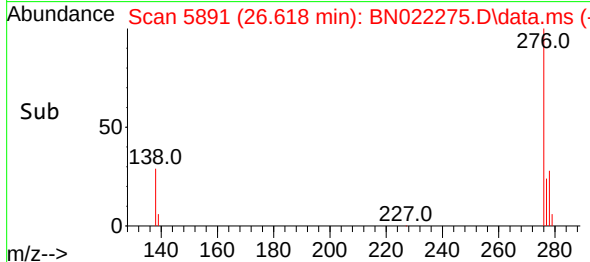
Instrument :
BNA_N
ClientSampleId :
C0BN4DL



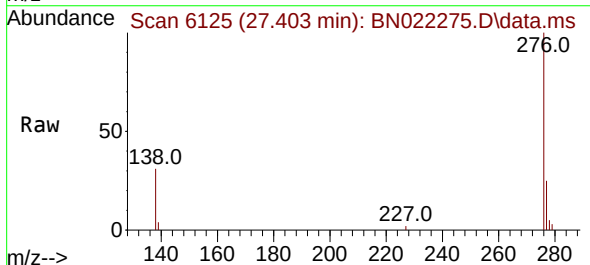
Tgt Ion:278 Resp: 6570
Ion Ratio Lower Upper
278 100
139 30.5 19.6 29.4
279 32.9 20.6 30.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.495 ng/ul
RT: 27.403 min Scan# 6125
Delta R.T. -0.007 min
Lab File: BN022275.D
Acq: 22 Oct 2022 04:37



Tgt Ion:276 Resp: 19069
Ion Ratio Lower Upper
276 100
138 31.4 25.2 37.8
277 25.0 19.9 29.9

