

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103122\
 Data File : BN022411.D
 Acq On : 31 Oct 2022 21:53
 Operator : CG/JU
 Sample : N5144-01DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BK1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
 Supervised By :mohammad ahmed 11/01/2022

Quant Time: Nov 01 01:12:33 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 : Tue Nov 01 01:09:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.927	152	4737	0.400	ng/ul	0.00
4) Naphthalene-d8	10.750	136	15723	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.600	164	8513	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	16284	0.400	ng/ul	0.00
17) Chrysene-d12	21.555	240	9437	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	6586	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	4913	0.798	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.350	152	1135	0.048	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	1950	0.062	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.805	128	5383	0.116	ng/ul	97
7) 2-Methylnaphthalene	12.427	142	3657	0.125	ng/ul	100
8) 1-Methylnaphthalene	12.642	142	3728	0.124	ng/ul	99
10) Acenaphthylene	14.322	152	6074	0.159	ng/ul#	95
11) Acenaphthene	14.660	153	1446	0.045	ng/ul	98
12) Fluorene	15.650	166	2935	0.078	ng/ul#	96
15) Phenanthrene	17.395	178	117439	2.148	ng/ul	99
16) Anthracene	17.488	178	12693	0.276	ng/ul	98
19) Fluoranthene	19.421	202	156553	3.622	ng/ul	98
20) Pyrene	19.784	202	152491	3.512	ng/ul	100
21) Benzo(a)anthracene	21.538	228	46794	1.323	ng/ul	98
22) Chrysene	21.591	228	55400	1.478	ng/ul	98
24) Benzo(b)fluoranthene	23.251	252	53249m	1.610	ng/ul	
25) Benzo(k)fluoranthene	23.292	252	18715m	0.582	ng/ul	
26) Benzo(a)pyrene	23.891	252	38168	1.448	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.564	276	29016	0.885	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.571	278	7291	0.278	ng/ul#	87
29) Benzo(g,h,i)perylene	27.359	276	27987	1.048	ng/ul	99

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

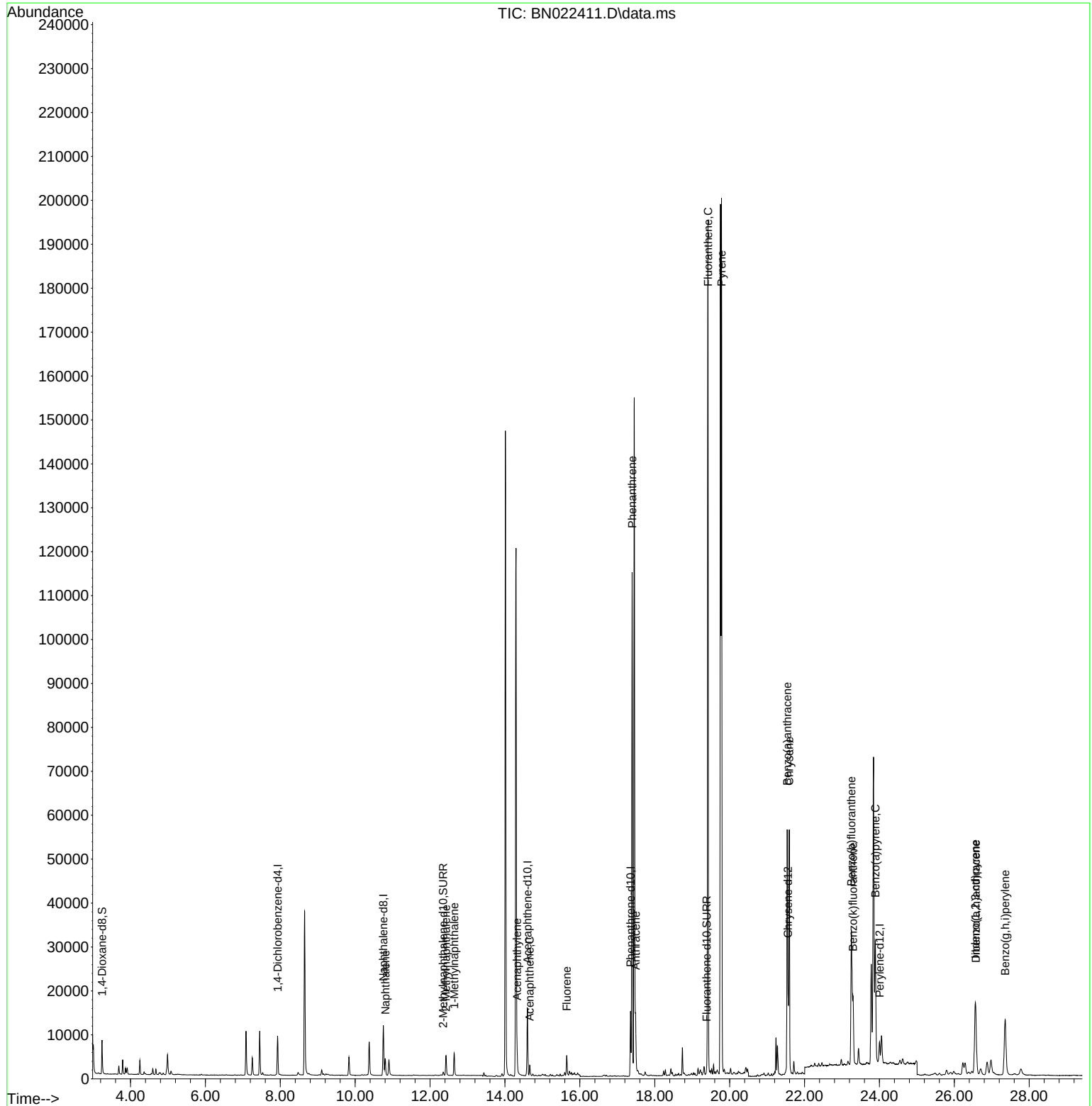
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103122\
Data File : BN022411.D
Acq On : 31 Oct 2022 21:53
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Sample : N5144-01DL 5X
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ALS Vial : 17 Sample Multiplier: 1

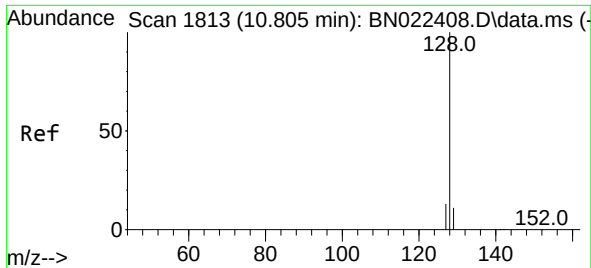
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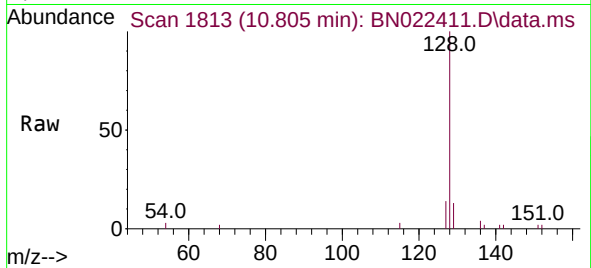
Quant Time: Nov 01 01:12:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 01:09:32 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.116 ng/ul
RT: 10.805 min Scan# 1813
Delta R.T. 0.005 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53

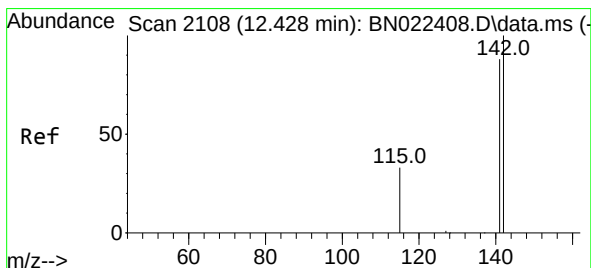
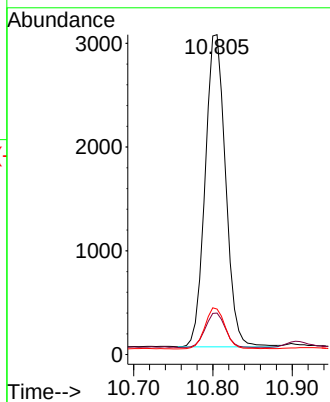
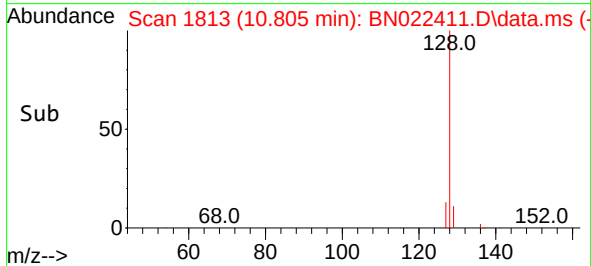
Instrument :
BNA_N
ClientSampleId :
C0BK1DL



Tgt Ion:128 Resp: 5383
Ion Ratio Lower Upper
128 100
129 13.0 9.3 13.9
127 14.2 10.7 16.1

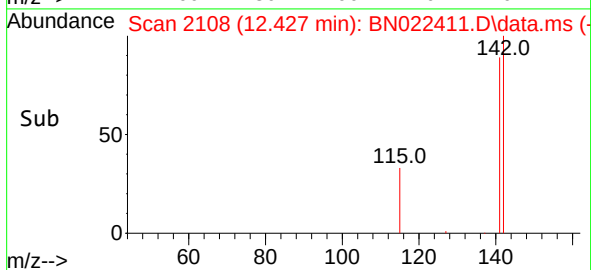
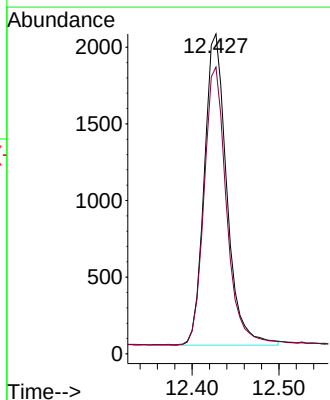
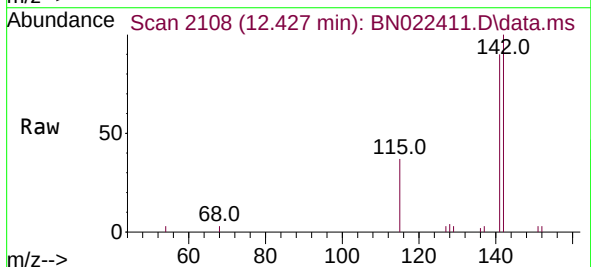
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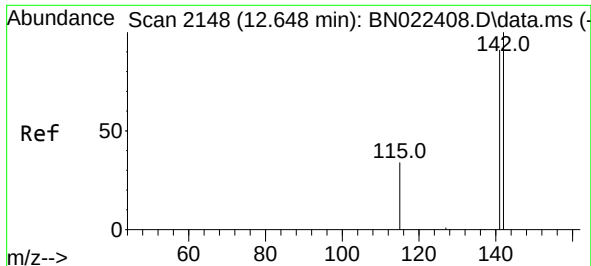
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/01/2022



#7
2-Methylnaphthalene
Concen: 0.125 ng/ul
RT: 12.427 min Scan# 2108
Delta R.T. 0.005 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53

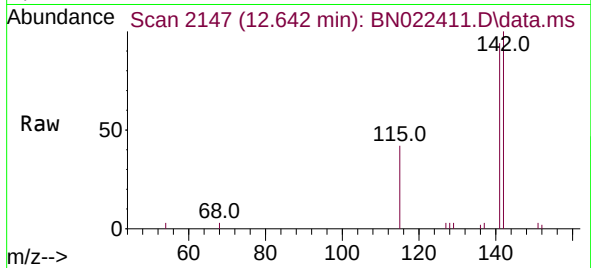
Tgt Ion:142 Resp: 3657
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.642 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53

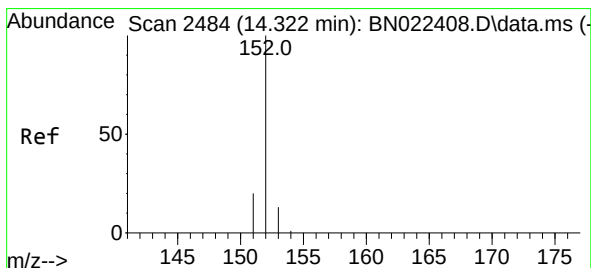
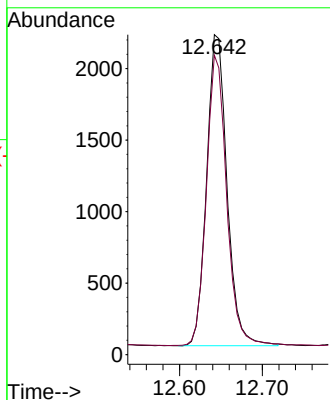
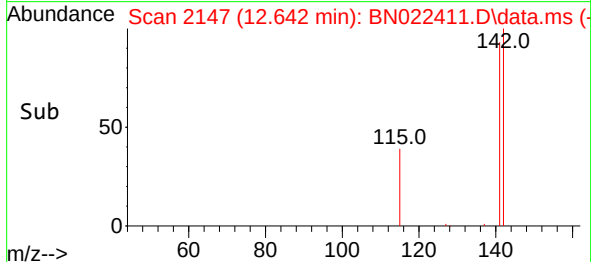
Instrument :
BNA_N
ClientSampleId :
C0BK1DL



Tgt Ion:142 Resp: 3728
Ion Ratio Lower Upper
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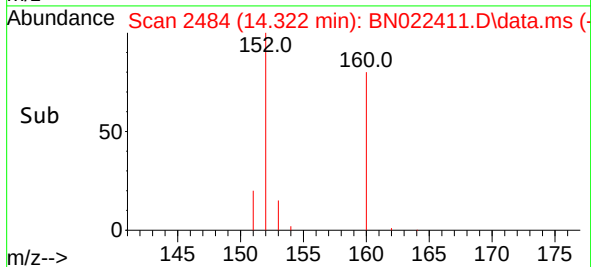
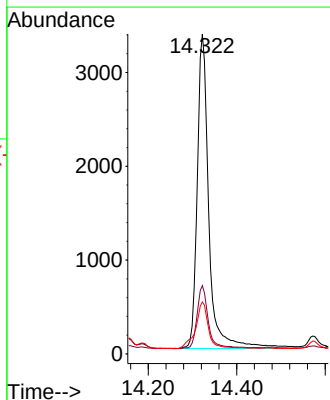
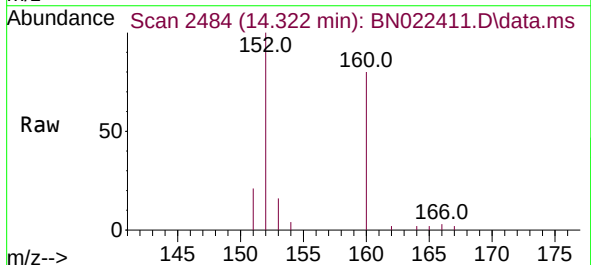
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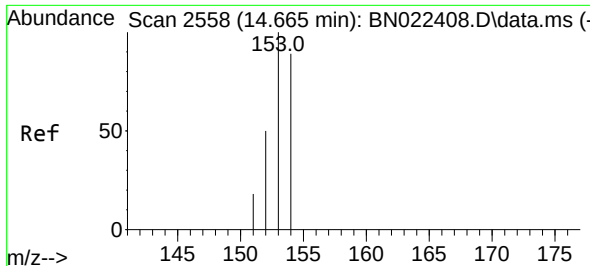
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/01/2022



#10
Acenaphthylene
Concen: 0.159 ng/ul
RT: 14.322 min Scan# 2484
Delta R.T. 0.004 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53

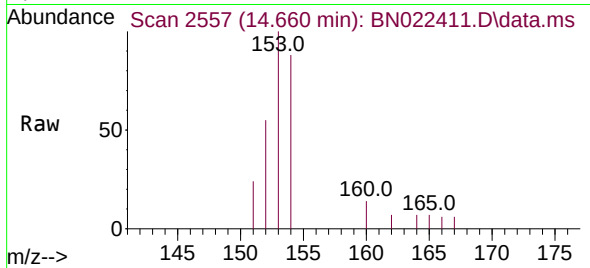
Tgt Ion:152 Resp: 6074
Ion Ratio Lower Upper
152 100
151 21.3 15.9 23.9
153 16.2 10.8 16.2#





#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.660 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53

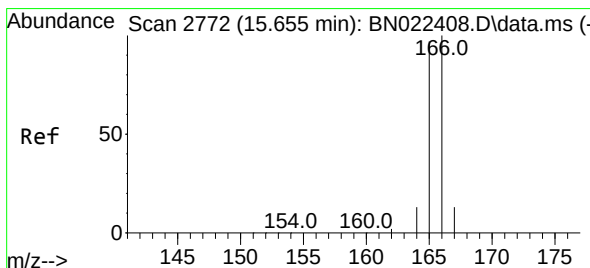
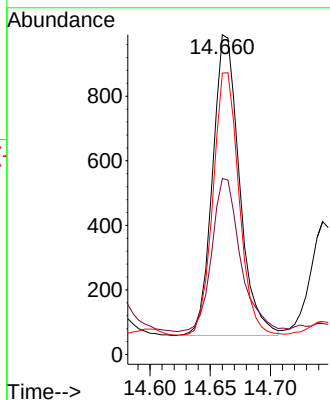
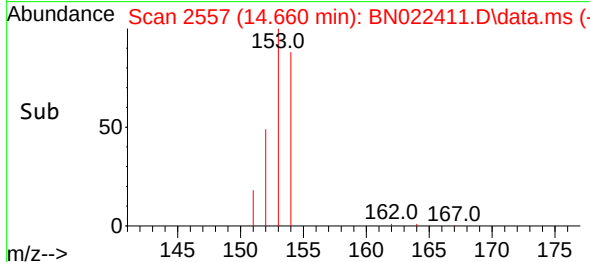
Instrument :
BNA_N
ClientSampleId :
C0BK1DL



Tgt Ion:153 Resp: 1446
Ion Ratio Lower Upper
153 100
152 55.0 40.6 61.0
154 88.0 70.6 106.0

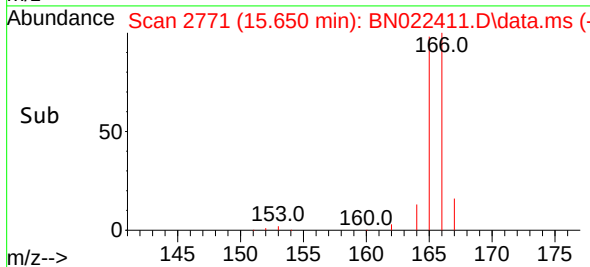
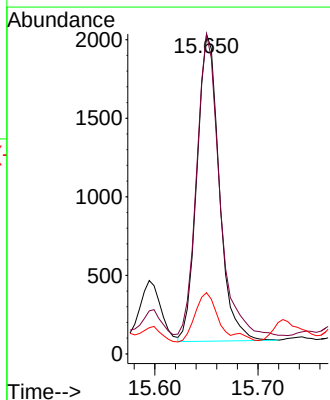
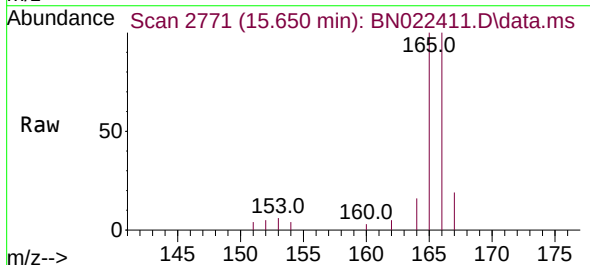
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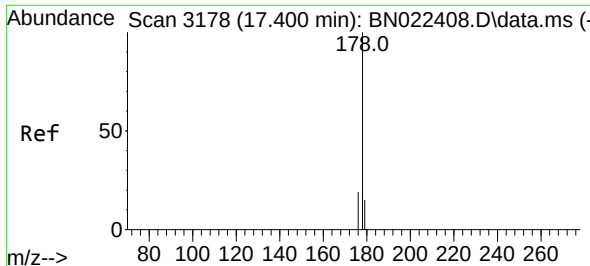
Reviewed By :Jagrut Upadhyay 11/01/2022
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#12
Fluorene
Concen: 0.078 ng/ul
RT: 15.650 min Scan# 2771
Delta R.T. -0.000 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53

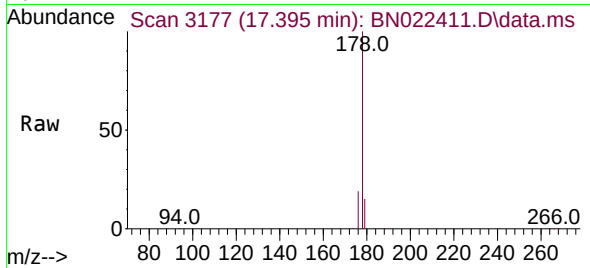
Tgt Ion:166 Resp: 2935
Ion Ratio Lower Upper
166 100
165 100.0 78.2 117.2
167 19.1 11.0 16.4#





#15
Phenanthrene
Concen: 2.148 ng/ul
RT: 17.395 min Scan# 3177
Delta R.T. -0.000 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53

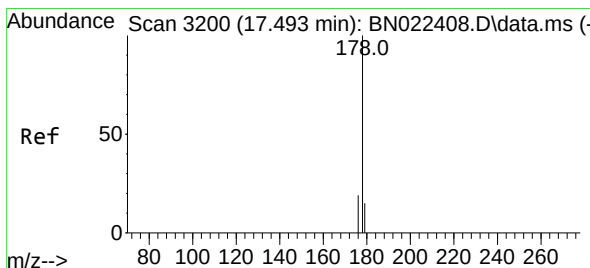
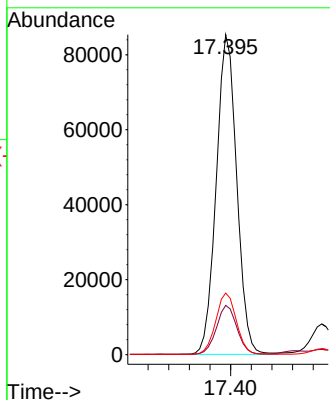
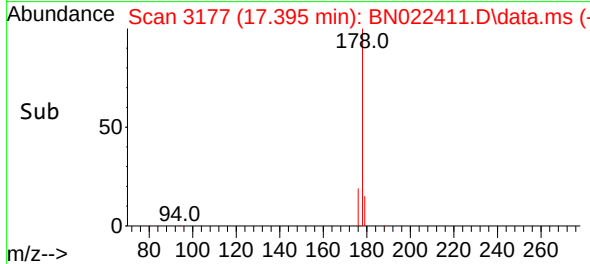
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BNA_N
ClientSampleId :
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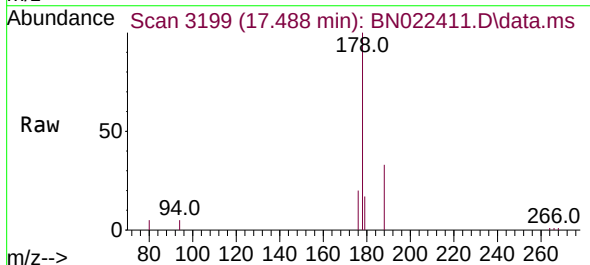
Tgt Ion:178 Resp: 117439
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.2 15.4 23.2

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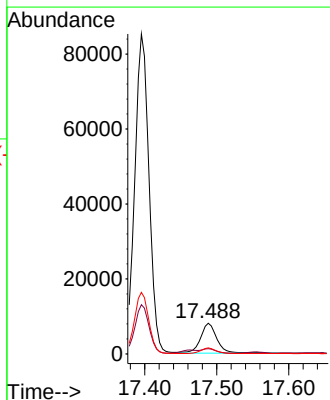
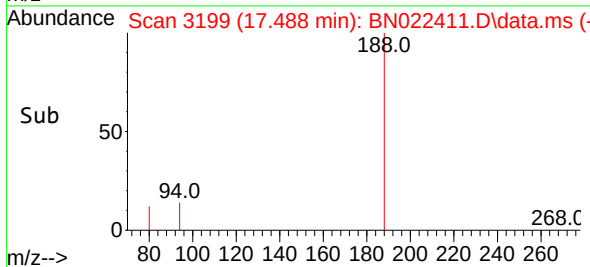
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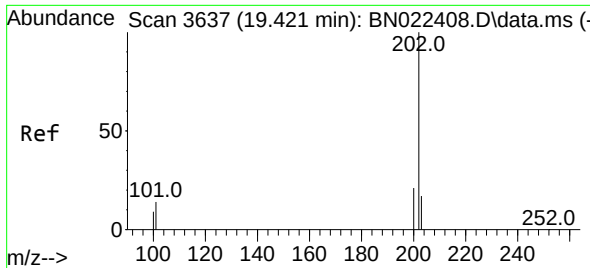


#16
Anthracene
Concen: 0.276 ng/ul
RT: 17.488 min Scan# 3199
Delta R.T. -0.000 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53



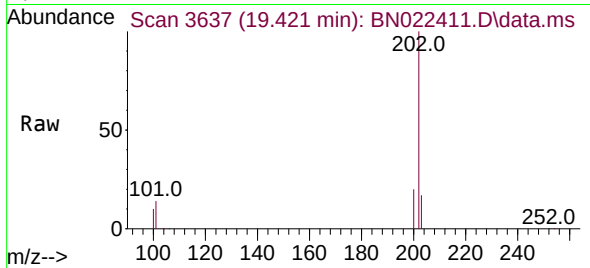
Tgt Ion:178 Resp: 12693
Ion Ratio Lower Upper
178 100
179 16.8 12.6 18.8
176 19.7 15.0 22.6





#19
Fluoranthene
Concen: 3.622 ng/u1
RT: 19.421 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53

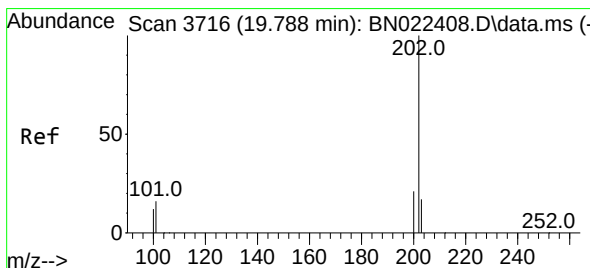
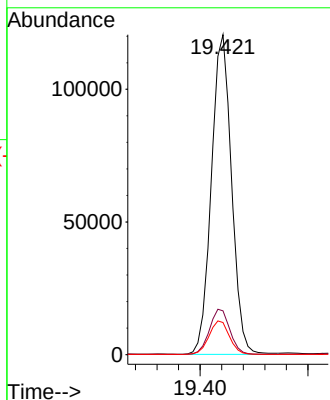
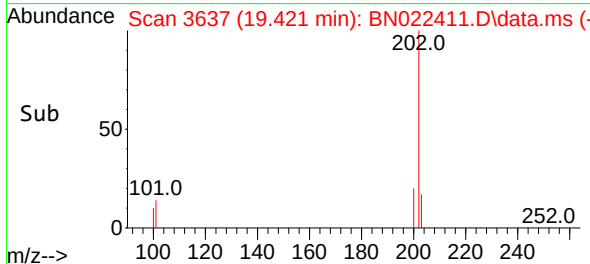
Instrument :
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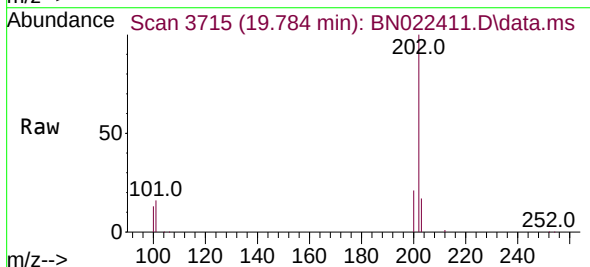
Tgt Ion:202 Resp: 156553
Ion Ratio Lower Upper
202 100
101 13.7 11.8 17.6
100 10.0 8.7 13.1

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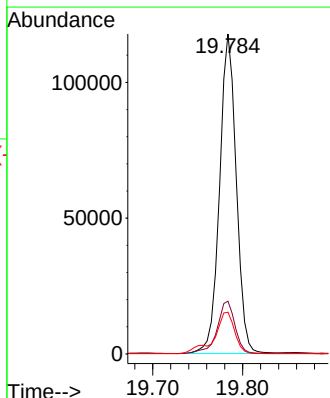
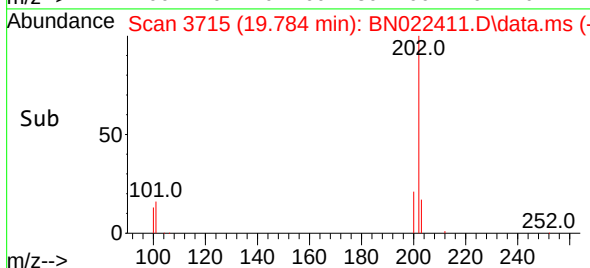
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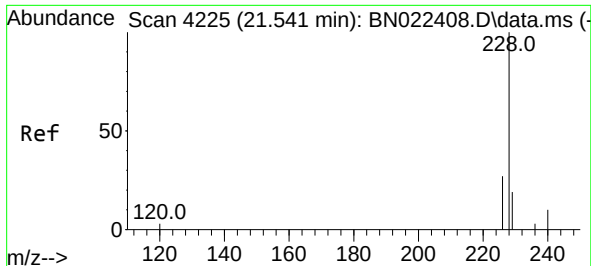


#20
Pyrene
Concen: 3.512 ng/u1
RT: 19.784 min Scan# 3715
Delta R.T. -0.000 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53



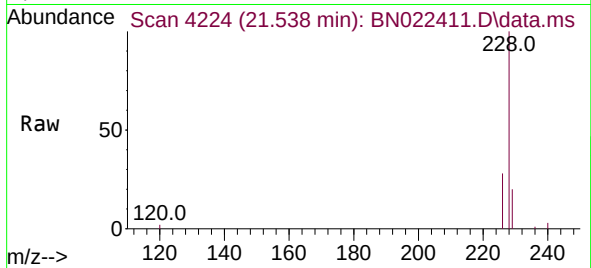
Tgt Ion:202 Resp: 152491
Ion Ratio Lower Upper
202 100
101 16.5 13.1 19.7
100 13.0 10.6 16.0





#21
Benzo(a)anthracene
Concen: 1.323 ng/ul
RT: 21.538 min Scan# 4224
Delta R.T. -0.003 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53

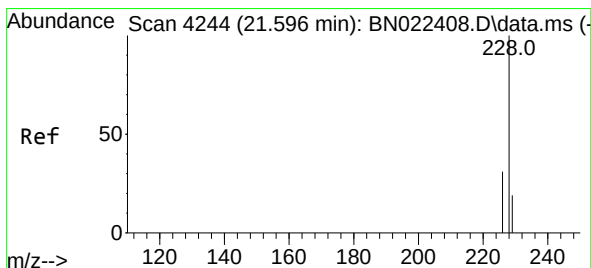
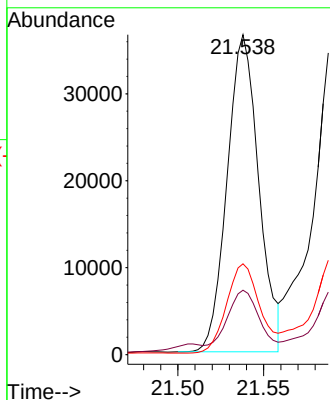
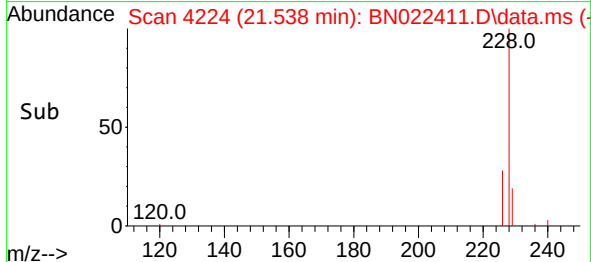
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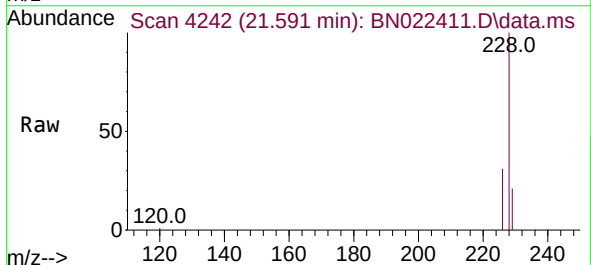
Tgt Ion:228 Resp: 46794
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 28.4 21.5 32.3

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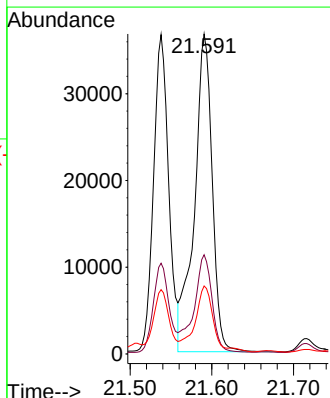
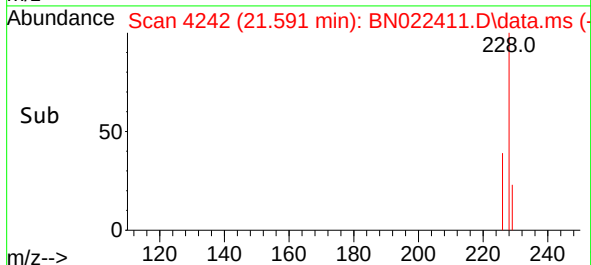
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/01/2022

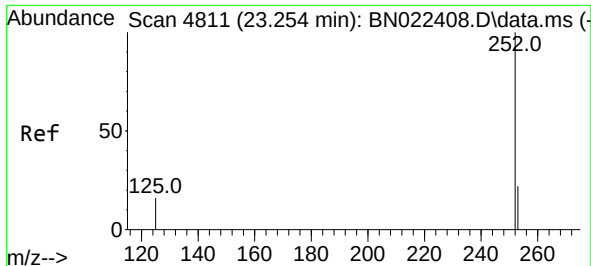


#22
Chrysene
Concen: 1.478 ng/ul
RT: 21.591 min Scan# 4242
Delta R.T. -0.003 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53



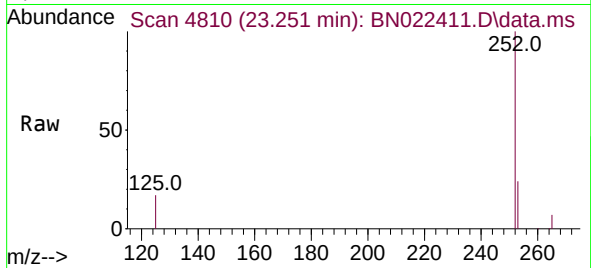
Tgt Ion:228 Resp: 55400
Ion Ratio Lower Upper
228 100
226 31.0 23.9 35.9
229 21.2 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.610 ng/ul m
RT: 23.251 min Scan# 4811
Delta R.T. -0.000 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53

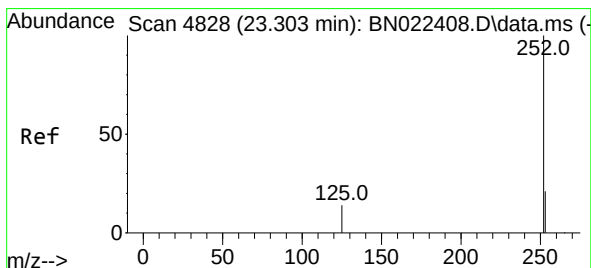
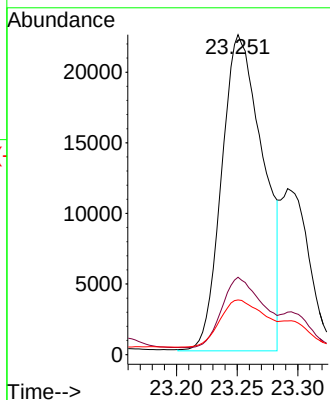
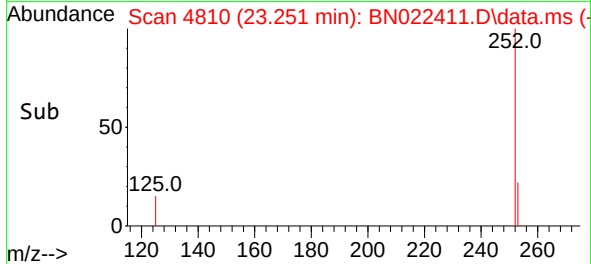
Instrument :
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Tgt Ion:252 Resp: 53249
Ion Ratio Lower Upper
252 100
253 24.2 0.0 49.0
125 17.1 0.0 35.2

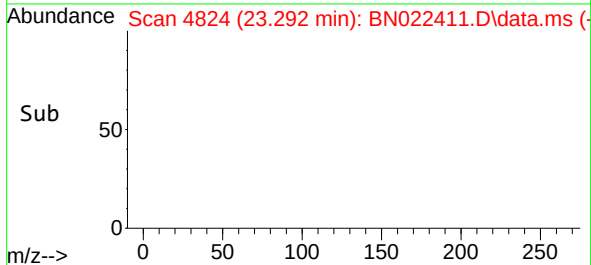
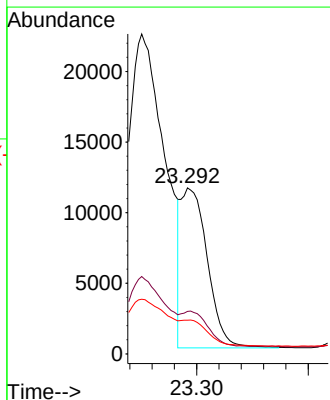
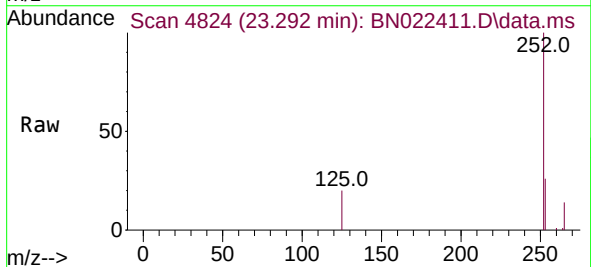
Manual Integrations
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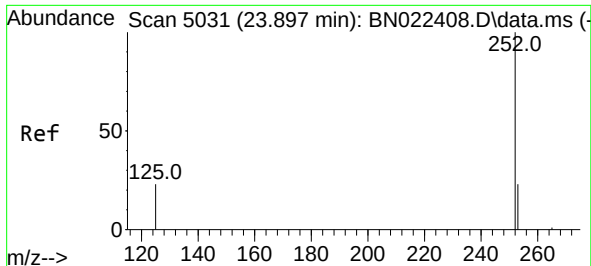
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/01/2022



#25
Benzo(k)fluoranthene
Concen: 0.582 ng/ul m
RT: 23.292 min Scan# 4824
Delta R.T. -0.009 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53

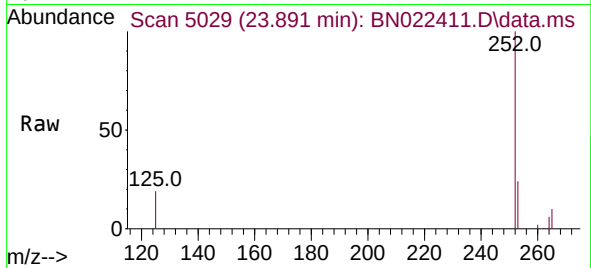
Tgt Ion:252 Resp: 18715
Ion Ratio Lower Upper
252 100
253 25.6 19.7 29.5
125 20.3 14.0 21.0





#26
Benzo(a)pyrene
Concen: 1.448 ng/ul
RT: 23.891 min Scan# 5031
Delta R.T. -0.000 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53

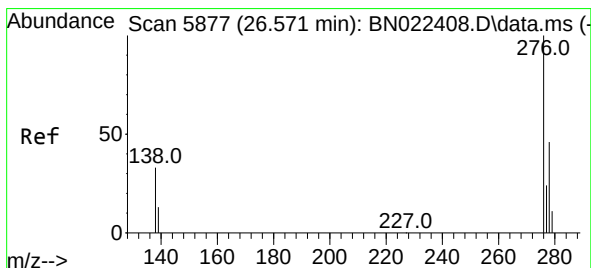
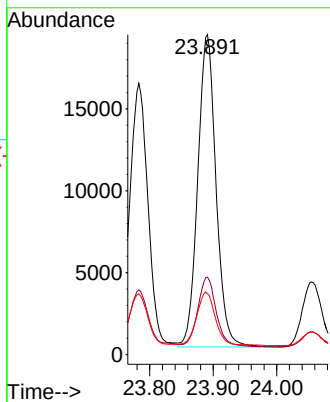
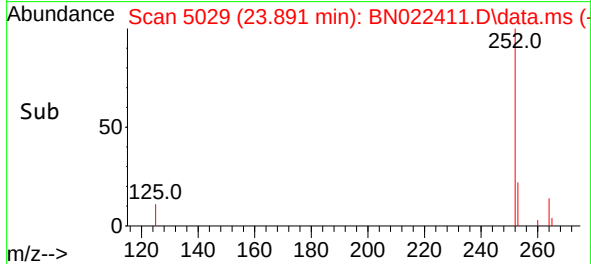
Instrument :
BNA_N
ClientSampleId :
C0BK1DL



Tgt Ion:252 Resp: 38168
Ion Ratio Lower Upper
252 100
253 24.2 21.0 31.6
125 19.1 17.9 26.9

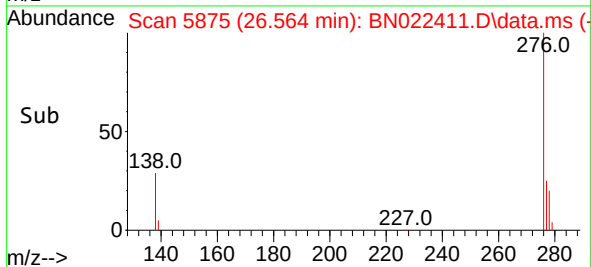
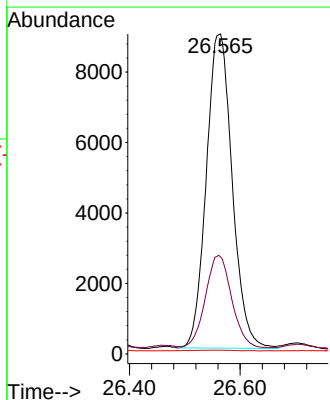
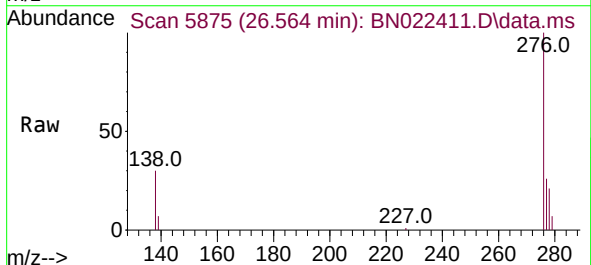
Manual Integrations
APPROVED

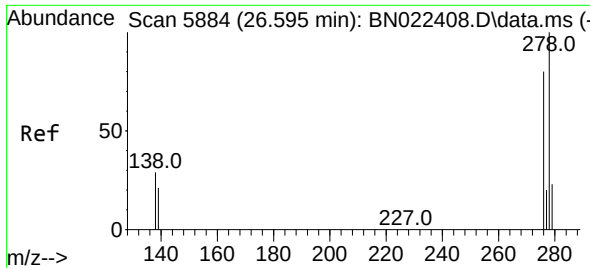
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/01/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.885 ng/ul
RT: 26.564 min Scan# 5875
Delta R.T. -0.004 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53

Tgt Ion:276 Resp: 29016
Ion Ratio Lower Upper
276 100
138 29.8 27.7 41.5
227 0.3 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.278 ng/ul
RT: 26.571 min Scan# 5884
Delta R.T. -0.017 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53

Instrument :

BNA_N

ClientSampleId :

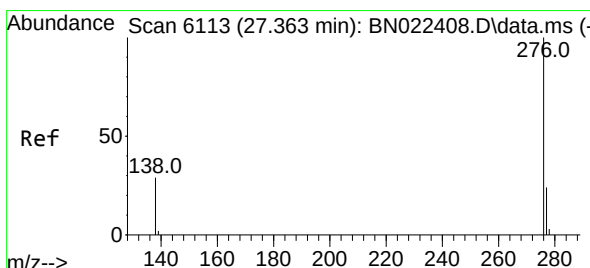
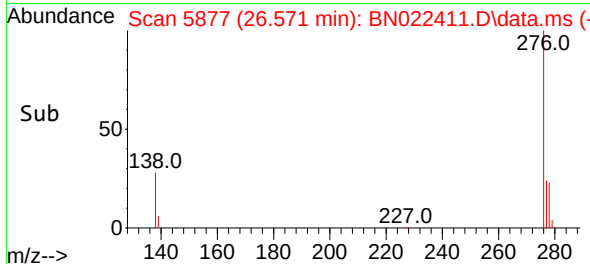
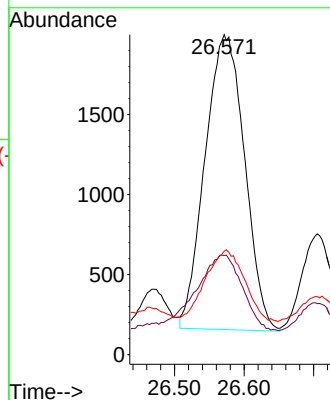
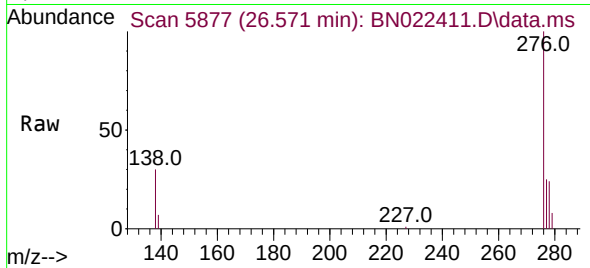
C0BK1DL

Tgt Ion:278 Resp: 7291
Ion Ratio Lower Upper
278 100
139 31.0 19.6 29.4
279 32.3 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/01/2022



#29
Benzo(g,h,i)perylene
Concen: 1.048 ng/ul
RT: 27.359 min Scan# 6112
Delta R.T. -0.000 min
Lab File: BN022411.D
Acq: 31 Oct 2022 21:53

Tgt Ion:276 Resp: 27987
Ion Ratio Lower Upper
276 100
138 30.8 25.2 37.8
277 24.8 19.9 29.9

