

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103122\
 Data File : BN022399.D
 Acq On : 31 Oct 2022 12:26
 Operator : CG/JU
 Sample : N5144-01DL 5X
 Misc :
 ALS Vial : 5 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 01:11:21 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 : 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	4365	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	14466	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.600	164	7878	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	15034	0.400	ng/ul	0.00
17) Chrysene-d12	21.558	240	8978	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	6514	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	4514	0.796	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.356	152	1074	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	1819	0.060	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.805	128	4915	0.115	ng/ul	97
7) 2-Methylnaphthalene	12.428	142	3354	0.125	ng/ul	100
8) 1-Methylnaphthalene	12.642	142	3437	0.124	ng/ul	100
10) Acenaphthylene	14.322	152	5893	0.167	ng/ul	96
11) Acenaphthene	14.665	153	1331	0.045	ng/ul	98
12) Fluorene	15.650	166	2723	0.079	ng/ul#	95
15) Phenanthrene	17.395	178	108086	2.141	ng/ul	99
16) Anthracene	17.488	178	12139	0.285	ng/ul	98
19) Fluoranthene	19.421	202	144361	3.511	ng/ul	98
20) Pyrene	19.784	202	140415	3.399	ng/ul	100
21) Benzo(a)anthracene	21.541	228	44429	1.321	ng/ul	98
22) Chrysene	21.593	228	51910	1.456	ng/ul	98
24) Benzo(b)fluoranthene	23.254	252	49547m	1.515	ng/ul	
25) Benzo(k)fluoranthene	23.298	252	18908m	0.594	ng/ul	
26) Benzo(a)pyrene	23.894	252	36115	1.385	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.568	276	27294	0.842	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.575	278	6896	0.266	ng/ul#	87
29) Benzo(g,h,i)perylene	27.366	276	26758	1.013	ng/ul	99

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

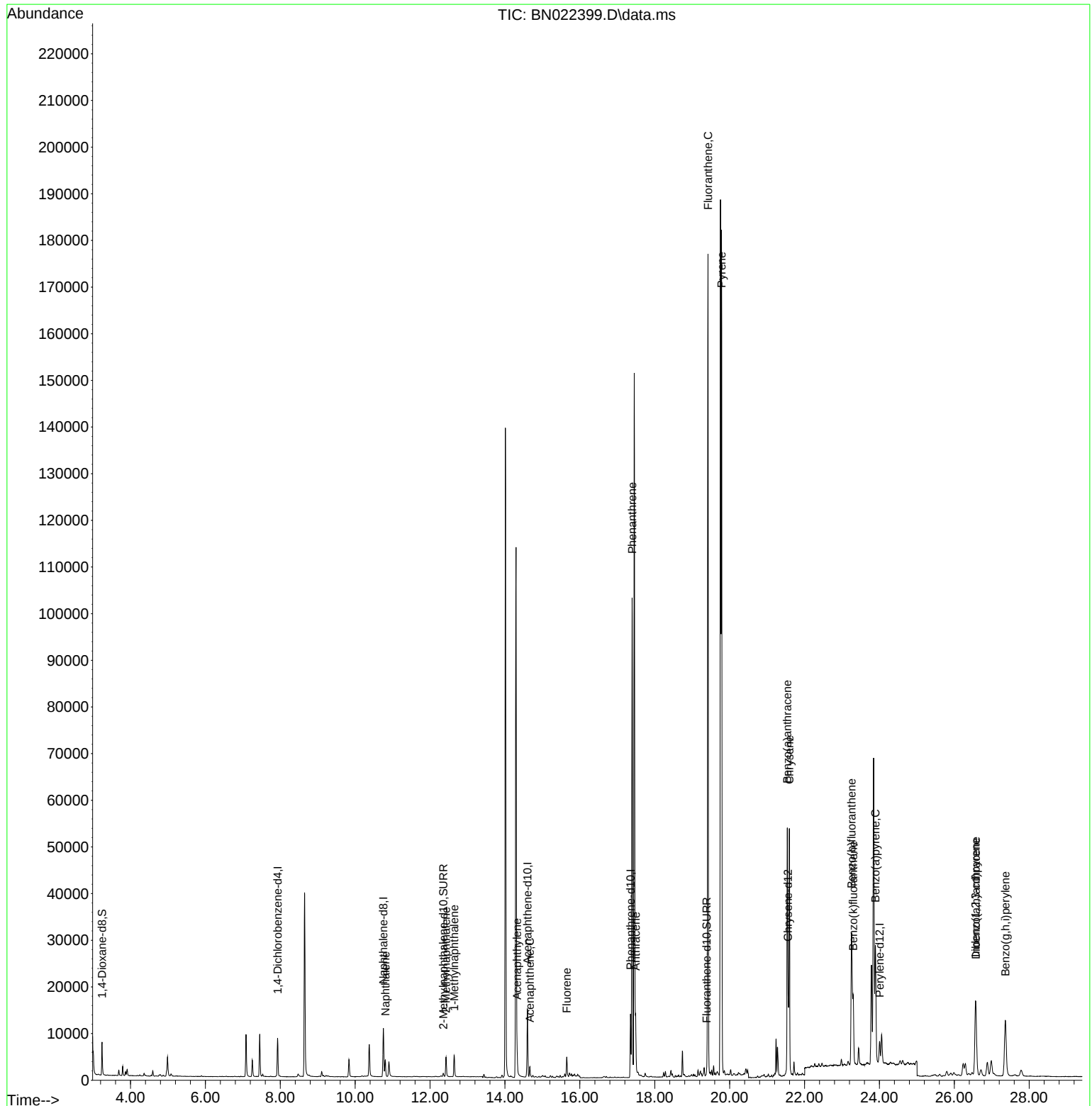
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103122\
Data File : BN022399.D
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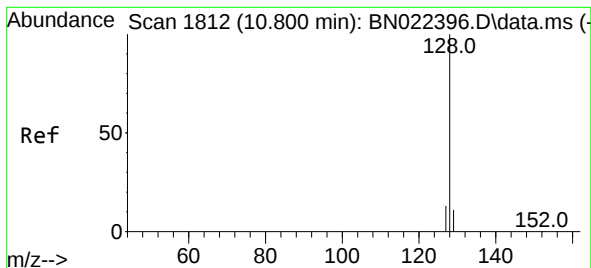
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#5

Naphthalene

Concen: 0.115 ng/ul

RT: 10.805 min Scan# 1812

Delta R.T. 0.005 min

Lab File: BN022399.D

Acq: 31 Oct 2022 12:26

Instrument :

BNA_N

ClientSampleId :

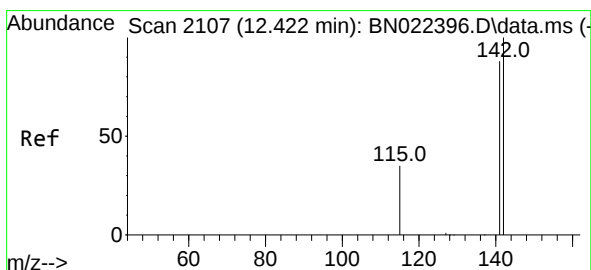
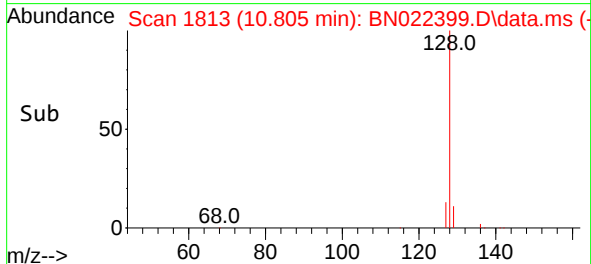
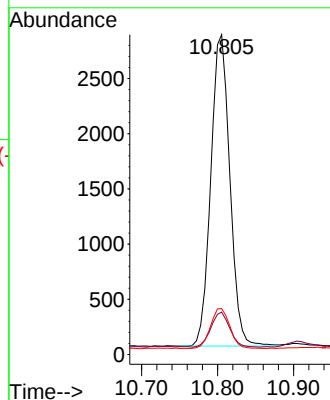
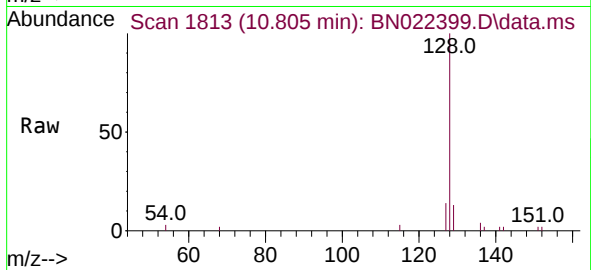
C0BK1DL

Tgt Ion:128	Resp:	4915
Ion Ratio	Lower	Upper
128	100	
129	13.3	9.3 13.9
127	14.4	10.7 16.1

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#7

2-Methylnaphthalene

Concen: 0.125 ng/ul

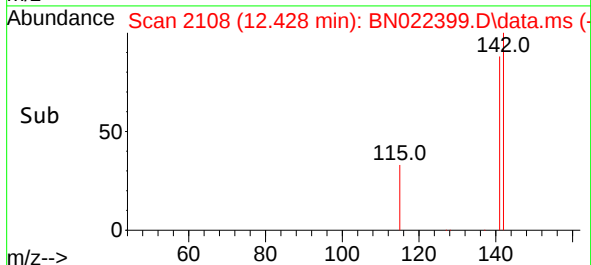
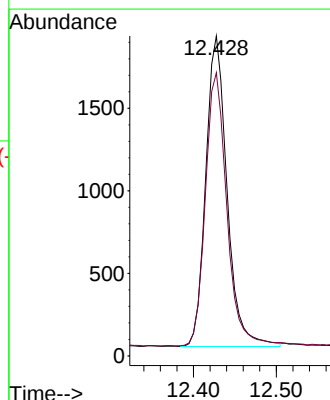
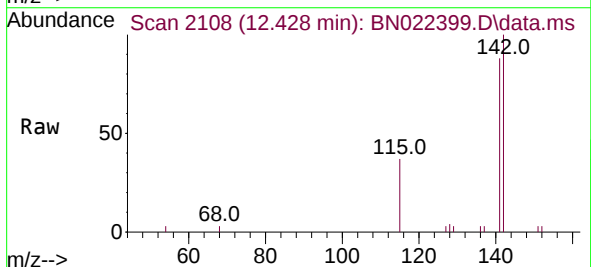
RT: 12.428 min Scan# 2108

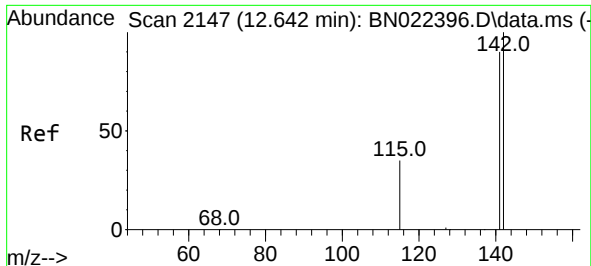
Delta R.T. 0.005 min

Lab File: BN022399.D

Acq: 31 Oct 2022 12:26

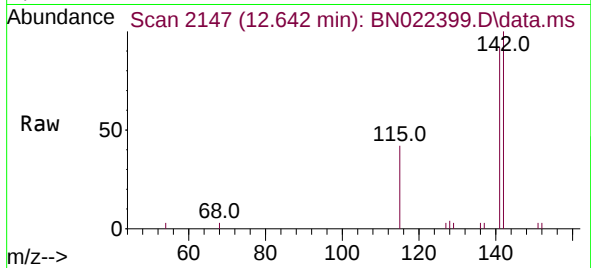
Tgt Ion:142	Resp:	3354
Ion Ratio	Lower	Upper
142	100	
141	88.6	71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.642 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BN022399.D
Acq: 31 Oct 2022 12:26

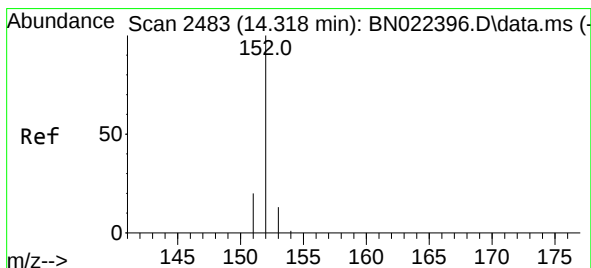
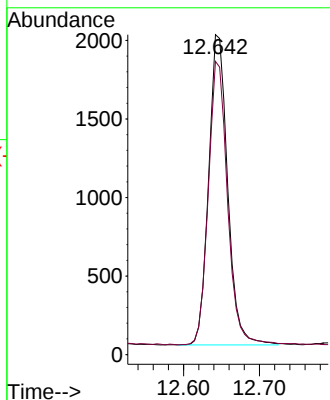
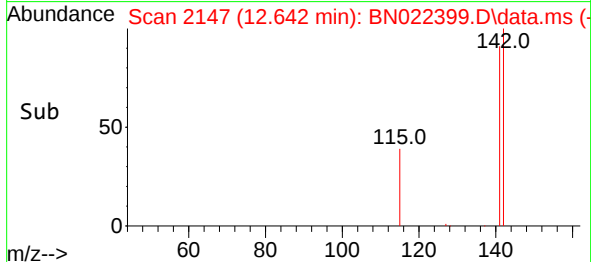
Instrument :
BNA_N
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Tgt Ion:142 Resp: 3437
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9

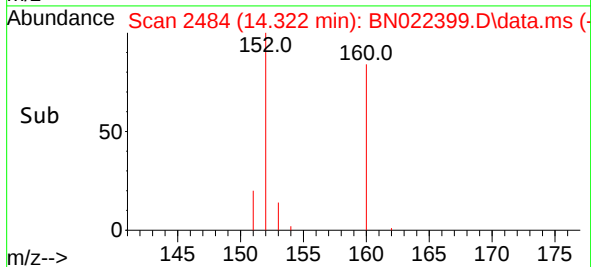
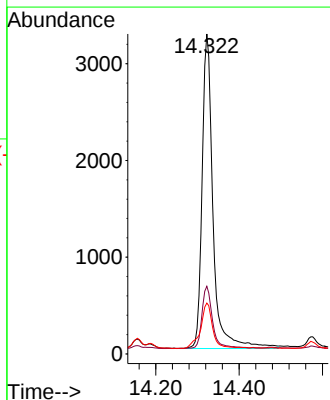
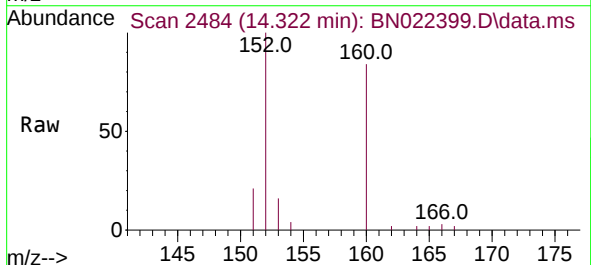
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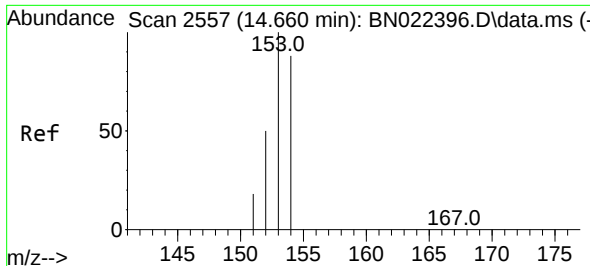
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/01/2022



#10
Acenaphthylene
Concen: 0.167 ng/ul
RT: 14.322 min Scan# 2484
Delta R.T. 0.005 min
Lab File: BN022399.D
Acq: 31 Oct 2022 12:26

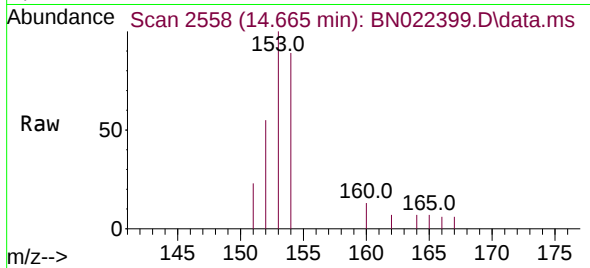
Tgt Ion:152 Resp: 5893
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 15.9 10.8 16.2





#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.665 min Scan# 2558
Delta R.T. 0.004 min
Lab File: BN022399.D
Acq: 31 Oct 2022 12:26

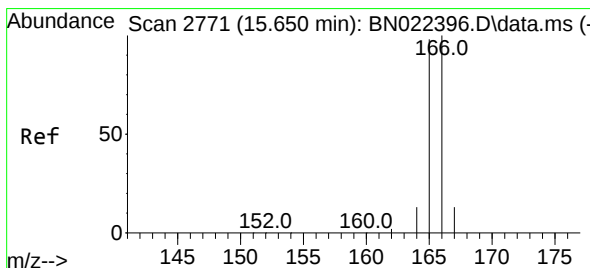
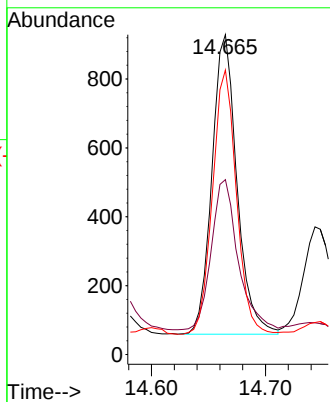
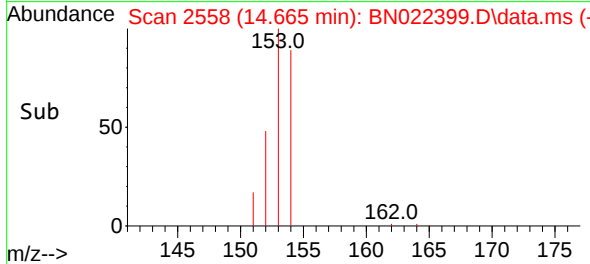
Instrument :
BNA_N
ClientSampleId :
C0BK1DL



Tgt Ion:153 Resp: 1331
Ion Ratio Lower Upper
153 100
152 54.7 40.6 61.0
154 88.9 70.6 106.0

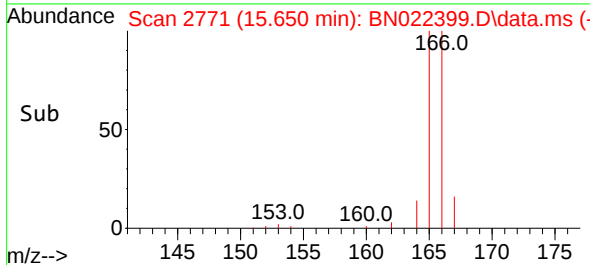
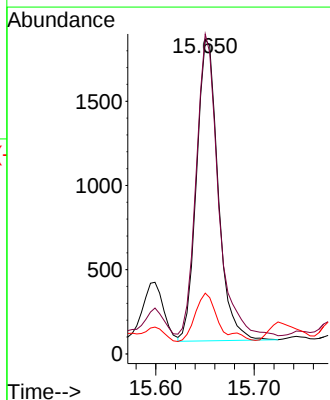
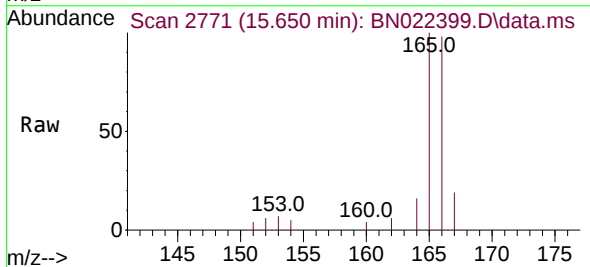
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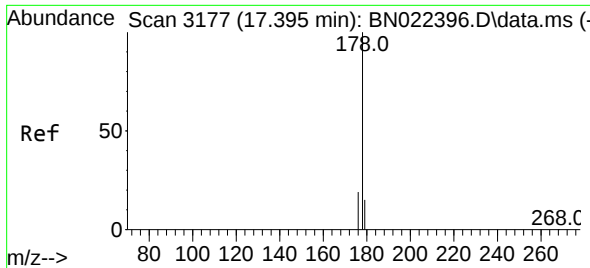
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/01/2022



#12
Fluorene
Concen: 0.079 ng/ul
RT: 15.650 min Scan# 2771
Delta R.T. -0.000 min
Lab File: BN022399.D
Acq: 31 Oct 2022 12:26

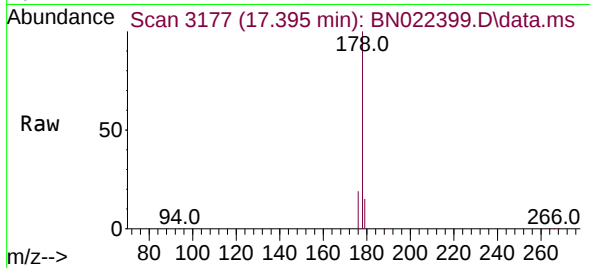
Tgt Ion:166 Resp: 2723
Ion Ratio Lower Upper
166 100
165 101.7 78.2 117.2
167 19.3 11.0 16.4#





#15
Phenanthrene
Concen: 2.141 ng/ul
RT: 17.395 min Scan# 3177
Delta R.T. -0.000 min
Lab File: BN022399.D
Acq: 31 Oct 2022 12:26

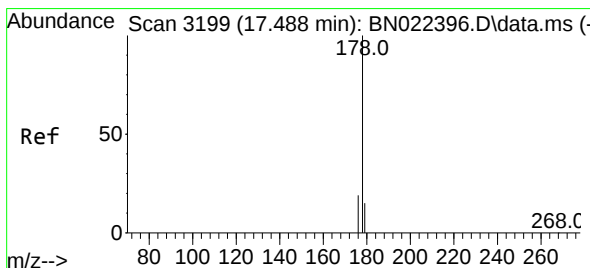
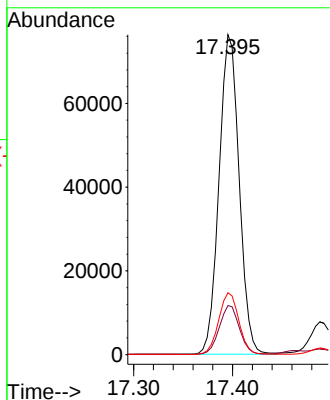
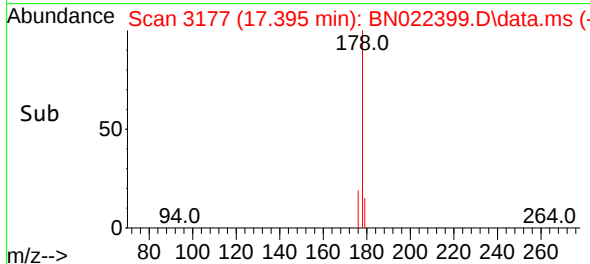
Instrument :
BNA_N
ClientSampleId :
C0BK1DL



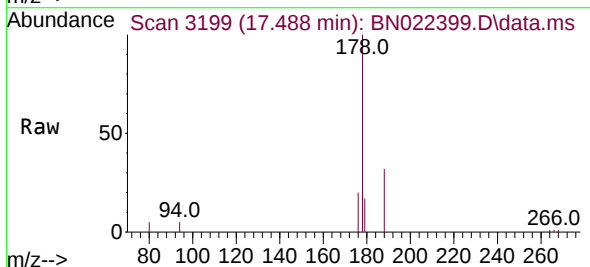
Tgt Ion:178 Resp: 108086
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.3 15.4 23.2

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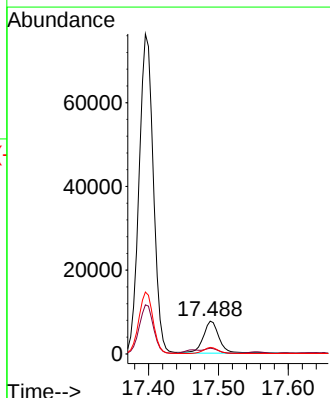
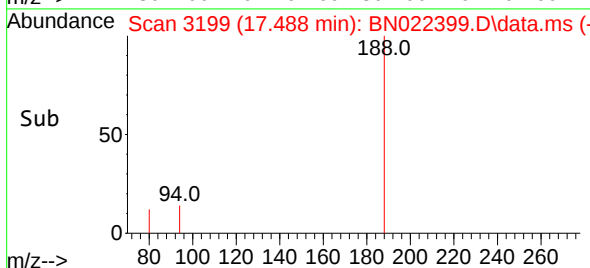
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Supervised By :mohammad ahmed 11/01/2022

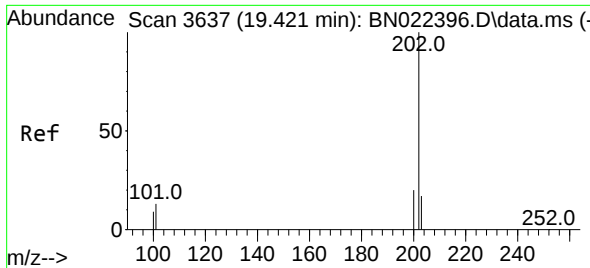


#16
Anthracene
Concen: 0.285 ng/ul
RT: 17.488 min Scan# 3199
Delta R.T. -0.000 min
Lab File: BN022399.D
Acq: 31 Oct 2022 12:26



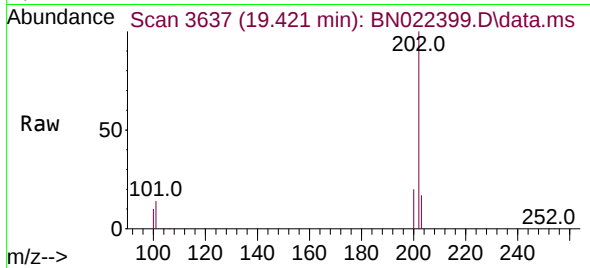
Tgt Ion:178 Resp: 12139
Ion Ratio Lower Upper
178 100
179 17.2 12.6 18.8
176 19.5 15.0 22.6





#19
Fluoranthene
Concen: 3.511 ng/ul
RT: 19.421 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN022399.D
Acq: 31 Oct 2022 12:26

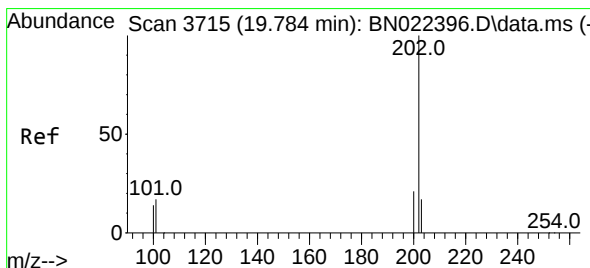
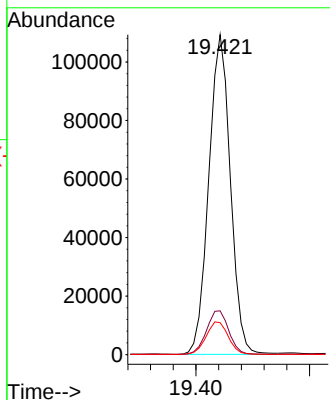
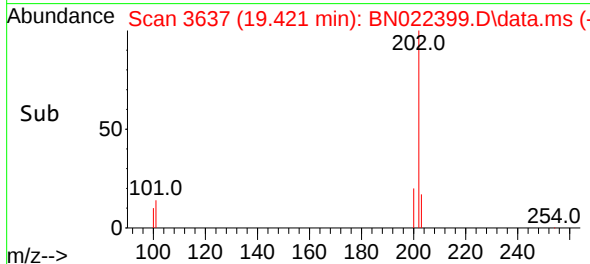
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ClientSampleId :
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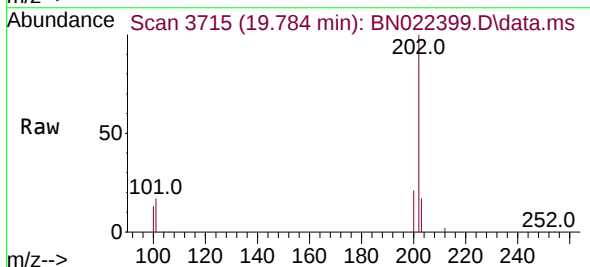
Tgt Ion:202 Resp: 144361
Ion Ratio Lower Upper
202 100
101 13.7 11.8 17.6
100 10.0 8.7 13.1

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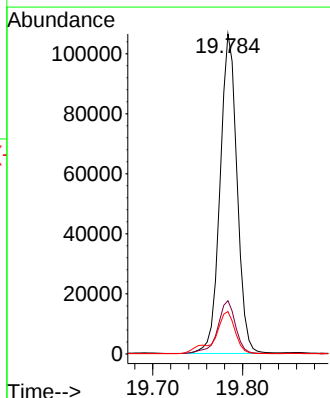
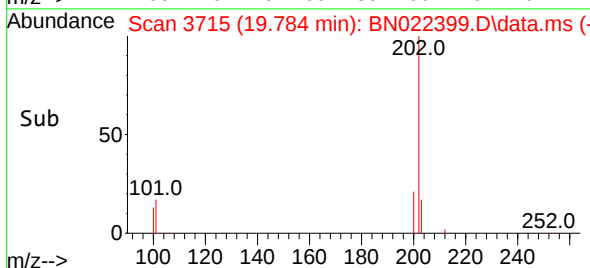
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/01/2022

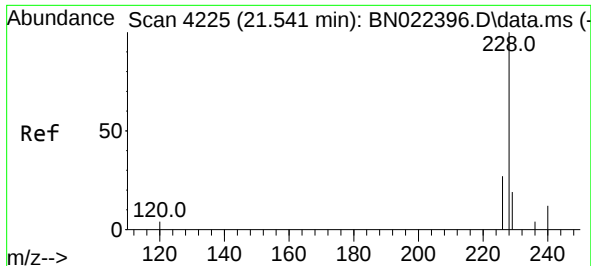


#20
Pyrene
Concen: 3.399 ng/ul
RT: 19.784 min Scan# 3715
Delta R.T. -0.000 min
Lab File: BN022399.D
Acq: 31 Oct 2022 12:26



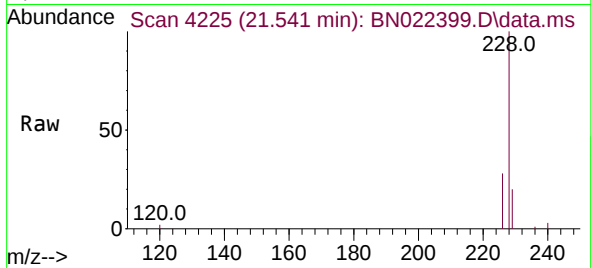
Tgt Ion:202 Resp: 140415
Ion Ratio Lower Upper
202 100
101 16.6 13.1 19.7
100 13.2 10.6 16.0





#21
Benzo(a)anthracene
Concen: 1.321 ng/ul
RT: 21.541 min Scan# 4225
Delta R.T. -0.000 min
Lab File: BN022399.D
Acq: 31 Oct 2022 12:26

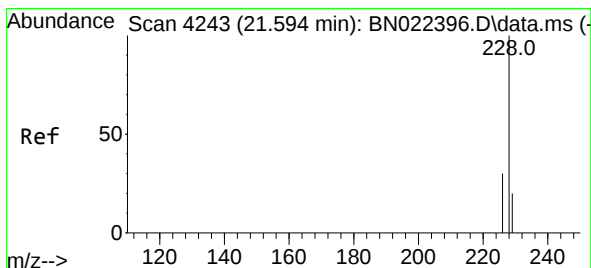
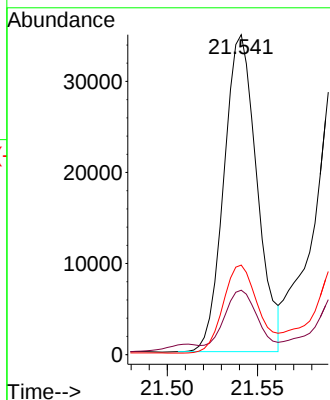
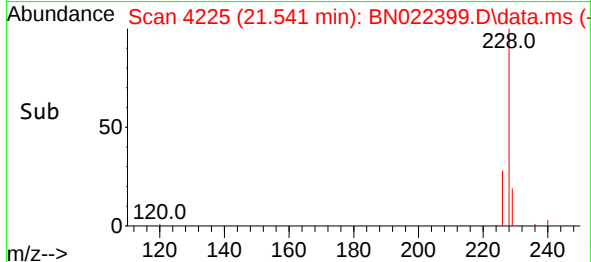
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Tgt Ion:228 Resp: 44429
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 28.0 21.5 32.3

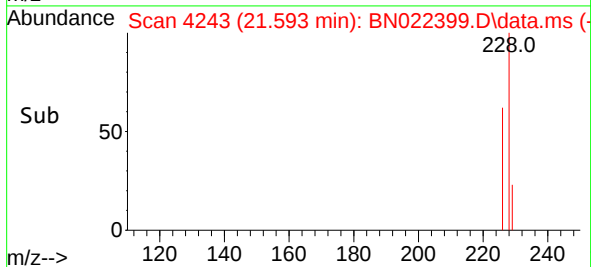
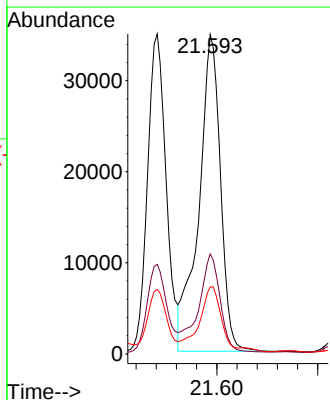
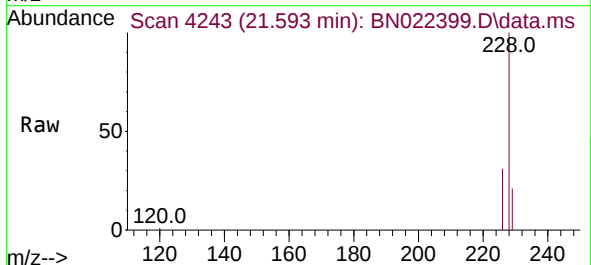
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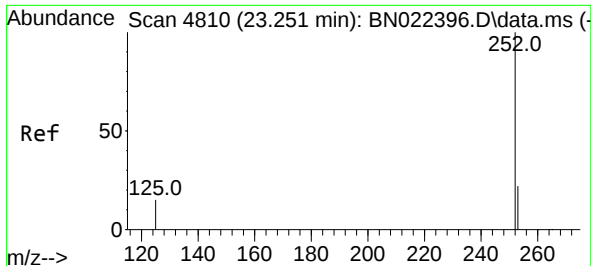
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/01/2022



#22
Chrysene
Concen: 1.456 ng/ul
RT: 21.593 min Scan# 4243
Delta R.T. -0.000 min
Lab File: BN022399.D
Acq: 31 Oct 2022 12:26

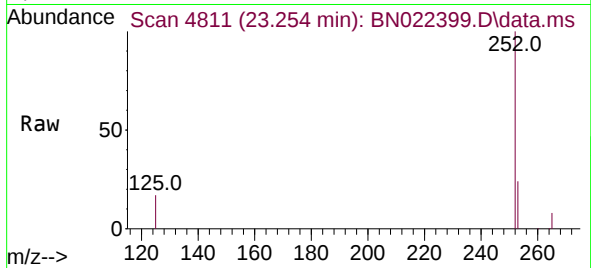
Tgt Ion:228 Resp: 51910
Ion Ratio Lower Upper
228 100
226 31.3 23.9 35.9
229 21.0 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.515 ng/ul m
RT: 23.254 min Scan# 4811
Delta R.T. 0.003 min
Lab File: BN022399.D
Acq: 31 Oct 2022 12:26

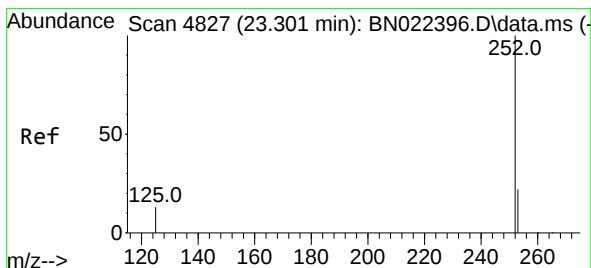
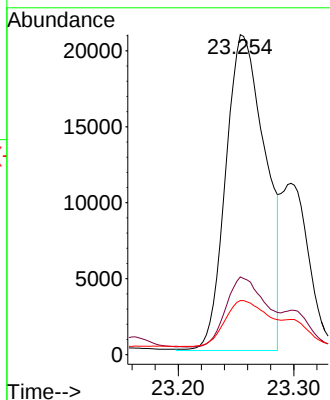
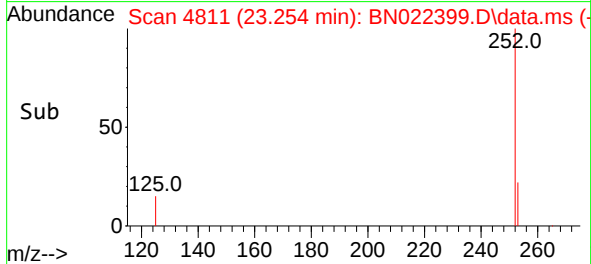
Instrument :
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Tgt Ion:252 Resp: 4954
Ion Ratio Lower Upper
252 100
253 24.3 0.0 49.0
125 16.9 0.0 35.2

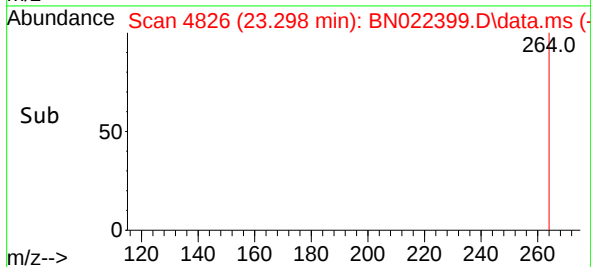
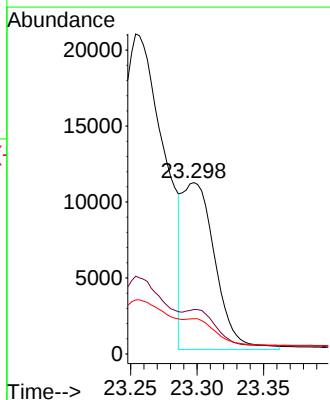
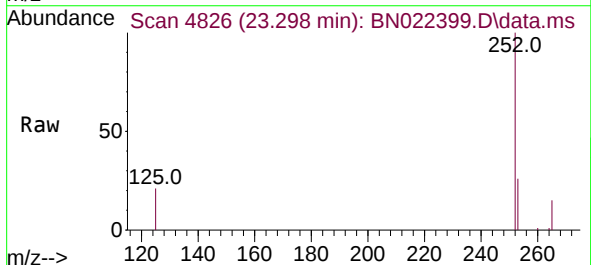
Manual Integrations
APPROVED

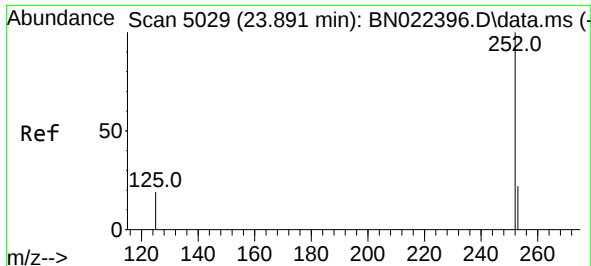
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/01/2022



#25
Benzo(k)fluoranthene
Concen: 0.594 ng/ul m
RT: 23.298 min Scan# 4826
Delta R.T. -0.003 min
Lab File: BN022399.D
Acq: 31 Oct 2022 12:26

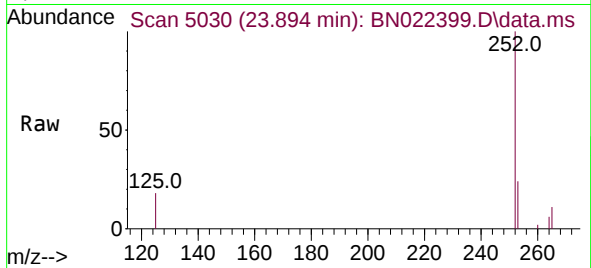
Tgt Ion:252 Resp: 18908
Ion Ratio Lower Upper
252 100
253 26.0 19.7 29.5
125 20.5 14.0 21.0





#26
Benzo(a)pyrene
Concen: 1.385 ng/ul
RT: 23.894 min Scan# 5029
Delta R.T. 0.003 min
Lab File: BN022399.D
Acq: 31 Oct 2022 12:26

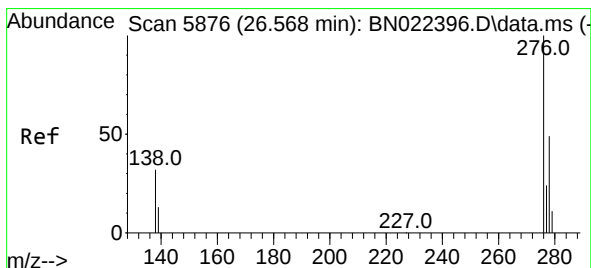
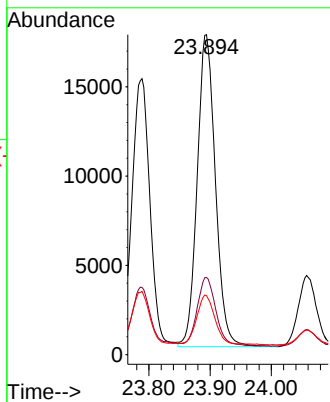
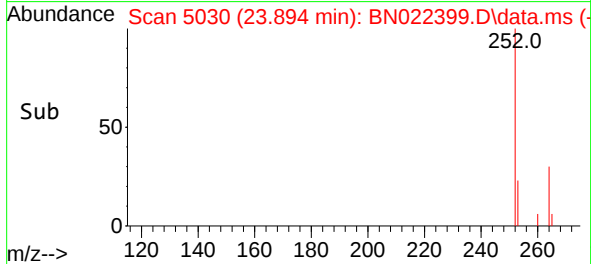
Instrument :
BNA_N
ClientSampleId :
C0BK1DL



Tgt Ion:252 Resp: 36115
Ion Ratio Lower Upper
252 100
253 24.1 21.0 31.6
125 18.4 17.9 26.9

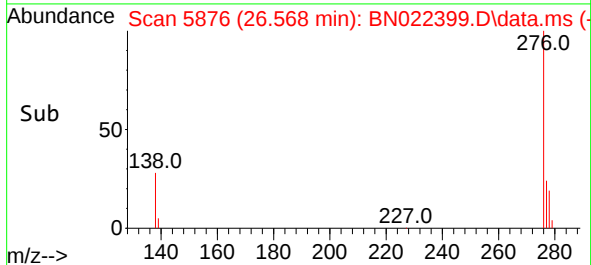
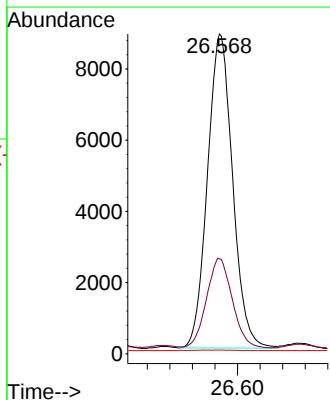
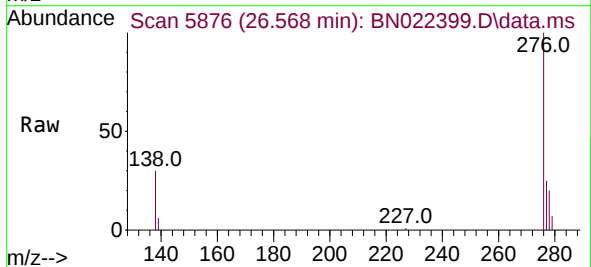
Manual Integrations
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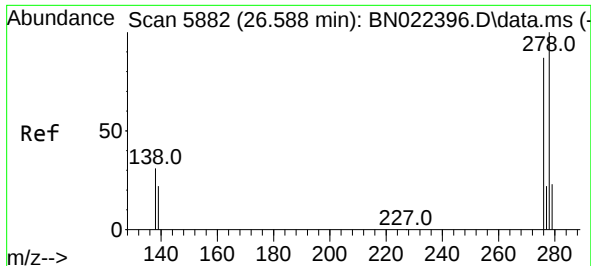
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/01/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.842 ng/ul
RT: 26.568 min Scan# 5876
Delta R.T. -0.000 min
Lab File: BN022399.D
Acq: 31 Oct 2022 12:26

Tgt Ion:276 Resp: 27294
Ion Ratio Lower Upper
276 100
138 29.0 27.7 41.5
227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.266 ng/ul

RT: 26.575 min Scan# 5882

Delta R.T. -0.014 min

Lab File: BN022399.D

Acq: 31 Oct 2022 12:26

Instrument :

BNA_N

ClientSampleId :

C0BK1DL

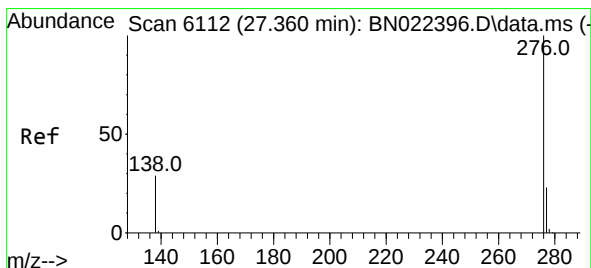
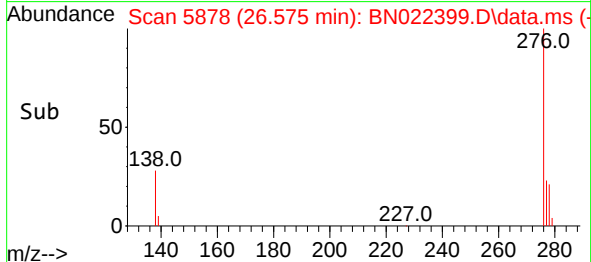
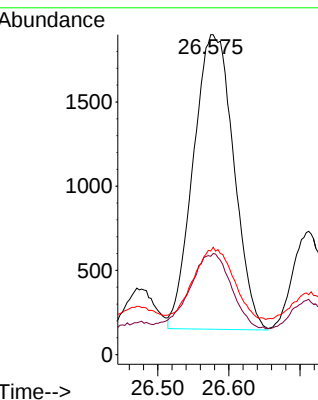
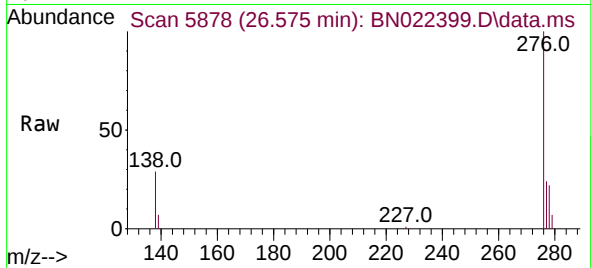
Tgt Ion:278 Resp: 6896

Ion	Ratio	Lower	Upper
278	100		
139	30.7	19.6	29.4
279	32.4	20.6	30.8

Manual Integrations

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



#29

Benzo(g,h,i)perylene

Concen: 1.013 ng/ul

RT: 27.366 min Scan# 6114

Delta R.T. 0.007 min

Lab File: BN022399.D

Acq: 31 Oct 2022 12:26

Tgt Ion:276 Resp: 26758

Ion	Ratio	Lower	Upper
276	100		
138	30.4	25.2	37.8
277	24.5	19.9	29.9

