

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028700.D
 Acq On : 17 Nov 2023 13:52
 Operator : MA/JU
 Sample : PB157172BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS172

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

11/17/2023
 Supervised By :mohammad
 ahmed

Quant Time: Nov 17 15:03:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	5305m	0.400	ng/ul	0.11
4) Naphthalene-d8	10.522	136	18945m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.329	164	12502	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.097	188	18293	0.400	ng/ul	0.00
17) Chrysene-d12	21.303	240	15927	0.400	ng/ul	# 0.00
23) Perylene-d12	23.583	264	15210	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	5303m	0.904	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.149	152	3651	0.128	ng/ul	0.02
18) Fluoranthene-d10	19.126	212	19017	0.371	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	15259m	2.355	ng/ul	
5) Naphthalene	10.571	128	12763	0.240	ng/ul#	93
7) 2-Methylnaphthalene	12.248	142	7090m	0.203	ng/ul	
8) 1-Methylnaphthalene	12.380	142	8356	0.235	ng/ul	99
10) Acenaphthylene	14.056	152	18284	0.293	ng/ul	97
11) Acenaphthene	14.394	153	15488	0.337	ng/ul	99
12) Fluorene	15.407	166	12671	0.237	ng/ul	96
14) Pentachlorophenol	16.751	266	2530	0.576	ng/ul	99
15) Phenanthrene	17.140	178	19854	0.353	ng/ul	96
16) Anthracene	17.266	178	8902	0.173	ng/ul	94
19) Fluoranthene	19.153	202	24735	0.365	ng/ul	97
20) Pyrene	19.521	202	29505	0.420	ng/ul	96
21) Benzo(a)anthracene	21.292	228	13584	0.216	ng/ul	99
22) Chrysene	21.341	228	19434	0.316	ng/ul	99
24) Benzo(b)fluoranthene	22.896	252	17792	0.312	ng/ul	85
25) Benzo(k)fluoranthene	22.940	252	21862	0.366	ng/ul#	90
26) Benzo(a)pyrene	23.492	252	18578	0.345	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.940	276	21531	0.360	ng/ul	99
28) Dibenzo(a,h)anthracene	25.970	278	15953	0.334	ng/ul#	90
29) Benzo(g,h,i)perylene	26.644	276	20203	0.412	ng/ul	96

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

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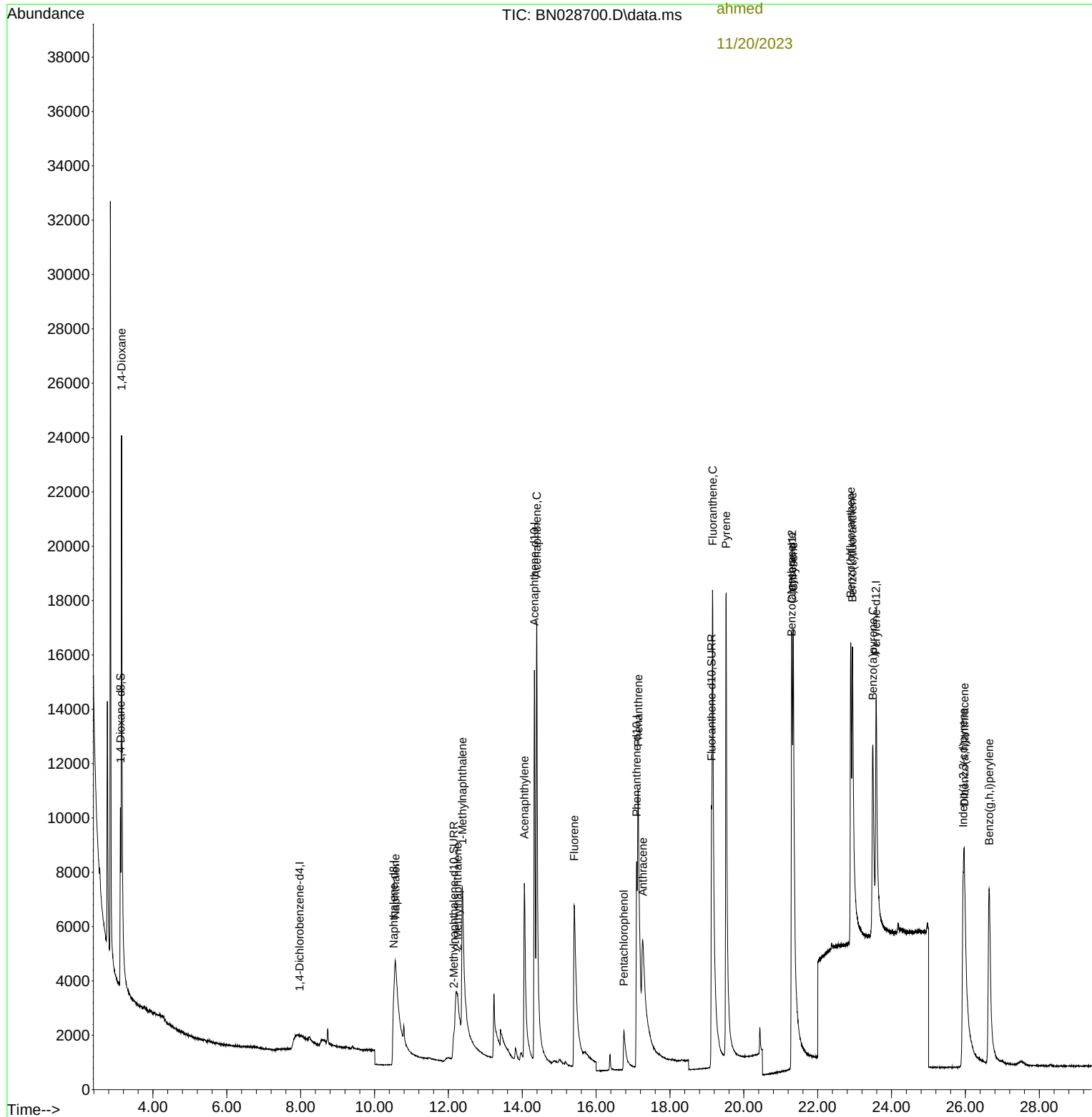
Instrument :
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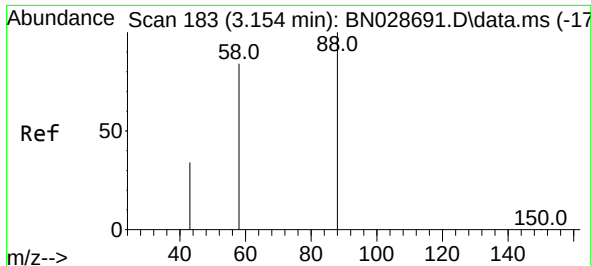
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

11/17/2023
Supervised By :mohammad
ahmed

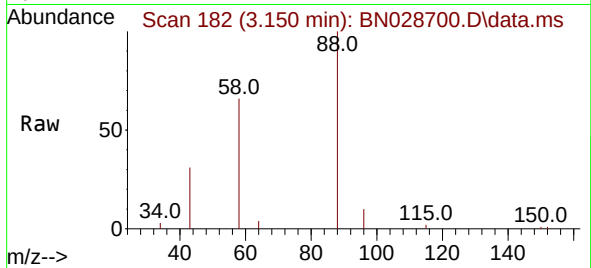
11/20/2023





#2
1,4-Dioxane
Concen: 2.355 ng/ul m
RT: 3.150 min Scan# 183
Delta R.T. -0.004 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

Instrument :
BNA_N
ClientSampleId :
SLCS172

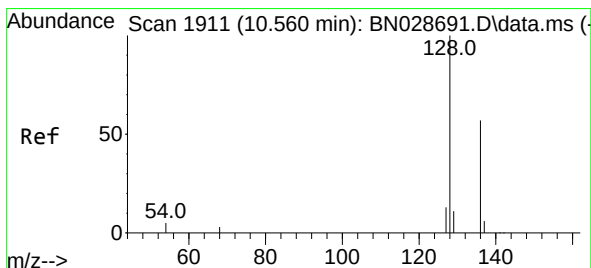
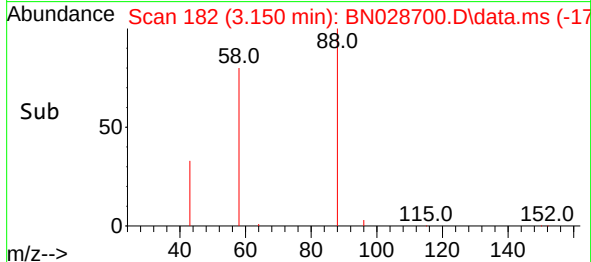
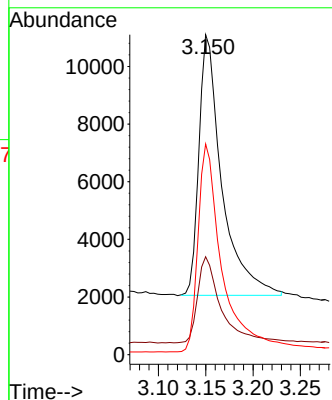


Tgt Ion: 88 Resp: 15259
Ion Ratio Lower Upper
88 100
43 30.6 32.9 49.3
58 65.8 41.8 62.8

Manual Integrations
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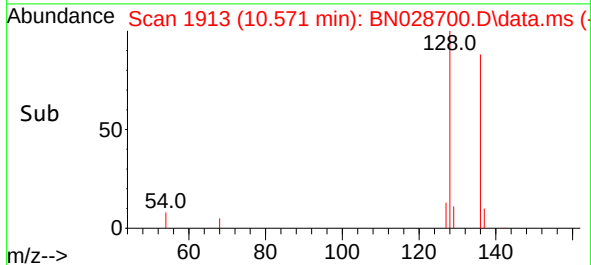
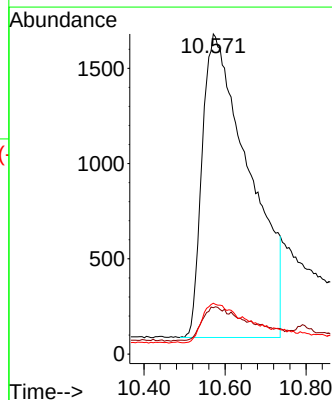
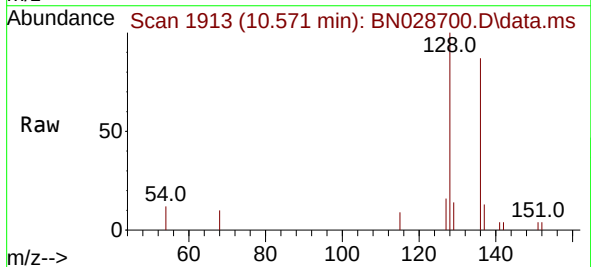
Reviewed By :Yogesh
Patel
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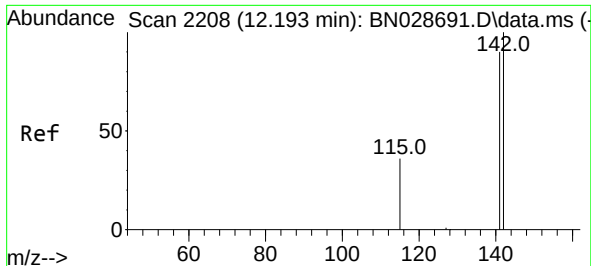
Supervised By :mohammad
ahmed
11/20/2023



#5
Naphthalene
Concen: 0.240 ng/ul
RT: 10.571 min Scan# 1913
Delta R.T. 0.011 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

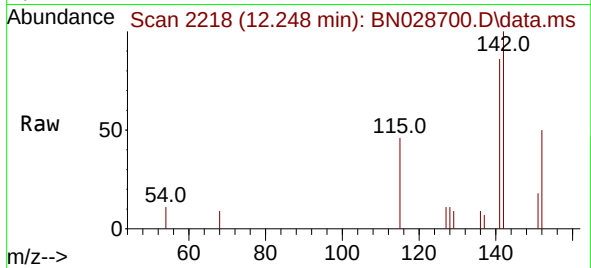
Tgt Ion:128 Resp: 12763
Ion Ratio Lower Upper
128 100
129 14.5 9.2 13.8
127 15.9 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.203 ng/ul m
RT: 12.248 min Scan# 2218
Delta R.T. 0.055 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

Instrument :
BNA_N
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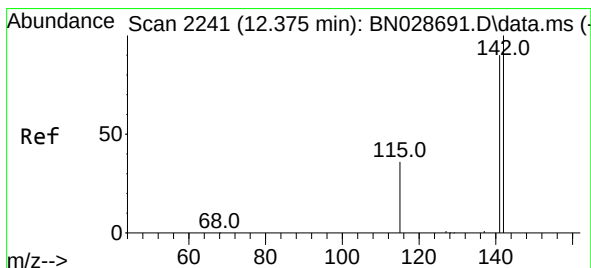
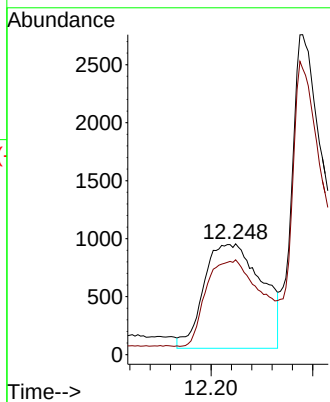
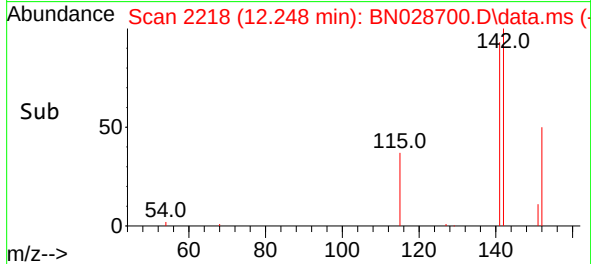


Tgt Ion:142 Resp: 7090
Ion Ratio Lower Upper
142 100
141 54.4 70.8 106.2

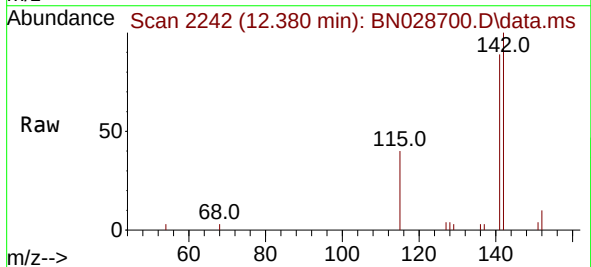
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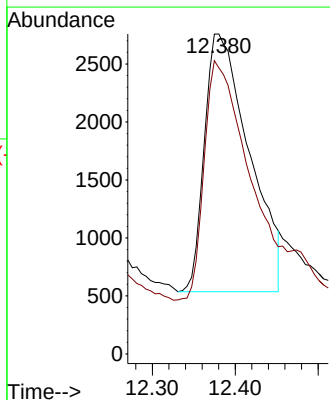
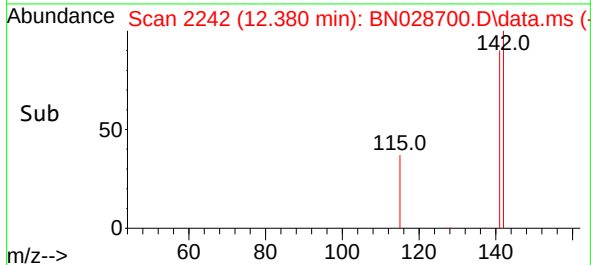
Supervised By :mohammad
ahmed
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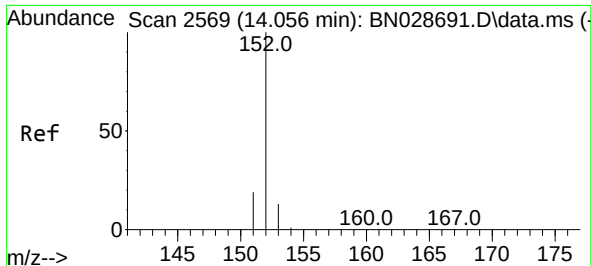


#8
1-Methylnaphthalene
Concen: 0.235 ng/ul
RT: 12.380 min Scan# 2242
Delta R.T. 0.006 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52



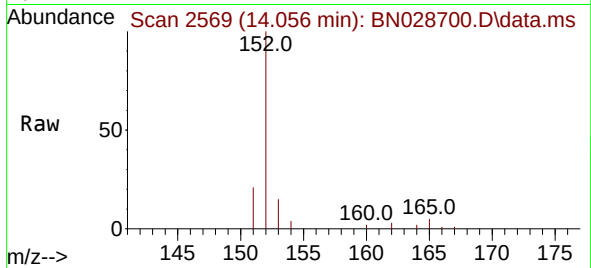
Tgt Ion:142 Resp: 8356
Ion Ratio Lower Upper
142 100
141 91.5 74.1 111.1





#10
Acenaphthylene
Concen: 0.293 ng/u1
RT: 14.056 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

Instrument :
BNA_N
ClientSampleId :
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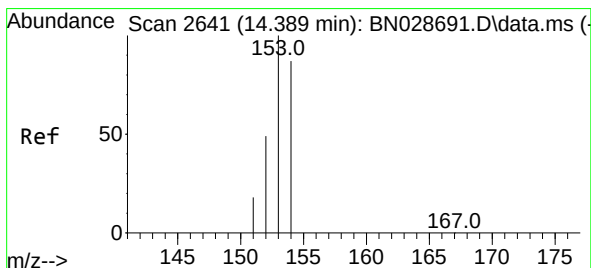
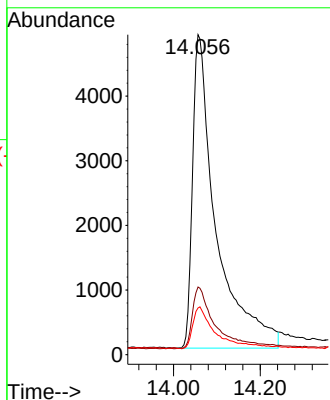


Tgt Ion:152 Resp: 18284
Ion Ratio Lower Upper
152 100
151 21.2 16.1 24.1
153 14.6 10.6 15.8

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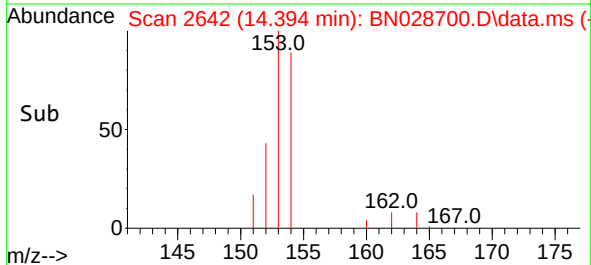
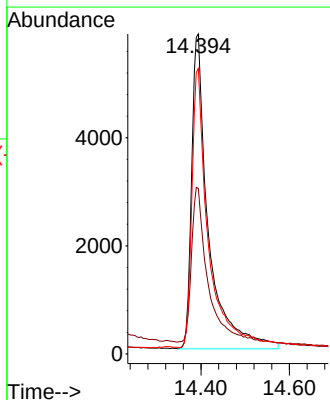
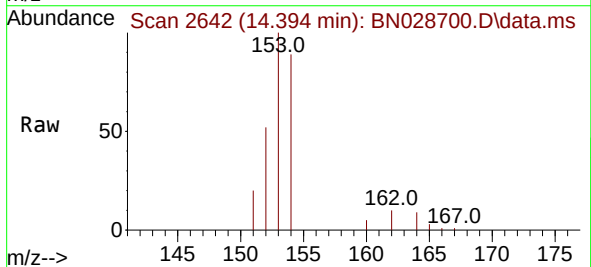
Reviewed By :Yogesh
Patel
11/17/2023

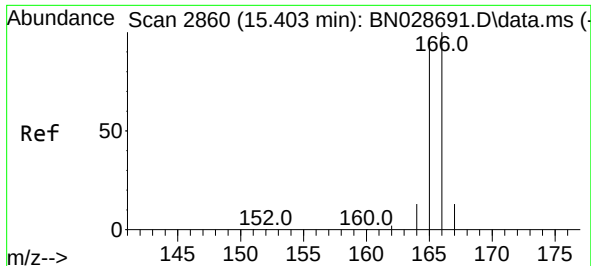
Supervised By :mohammad
ahmed
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#11
Acenaphthene
Concen: 0.337 ng/u1
RT: 14.394 min Scan# 2642
Delta R.T. 0.005 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

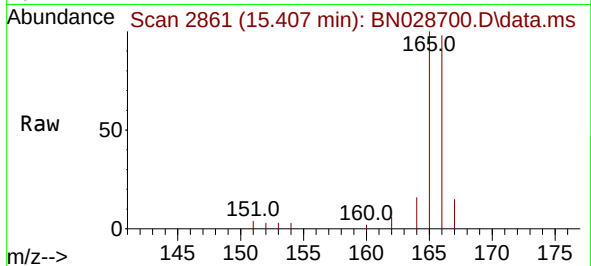
Tgt Ion:153 Resp: 15488
Ion Ratio Lower Upper
153 100
152 51.7 39.6 59.4
154 89.3 71.0 106.6





#12
Fluorene
Concen: 0.237 ng/ul
RT: 15.407 min Scan# 2860
Delta R.T. 0.005 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

Instrument :
BNA_N
ClientSampleId :
SLCS172

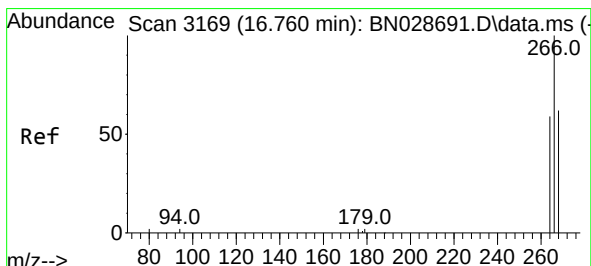
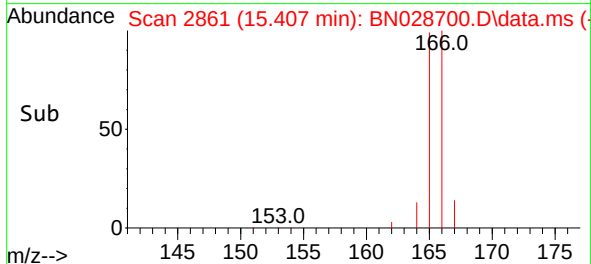
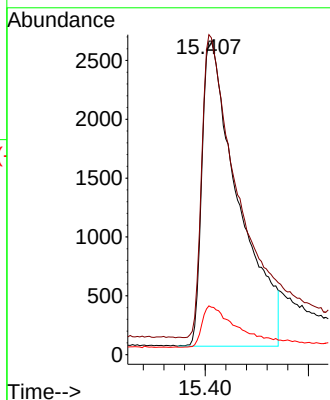


Tgt Ion:166 Resp: 1267
Ion Ratio Lower Upper
166 100
165 102.0 78.6 118.0
167 15.6 11.0 16.6

Manual Integrations
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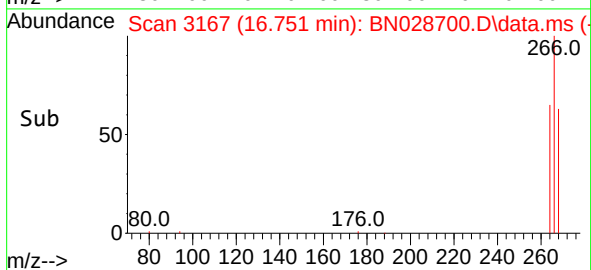
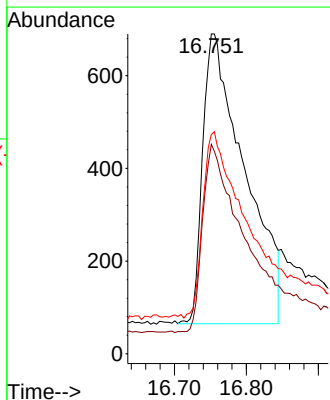
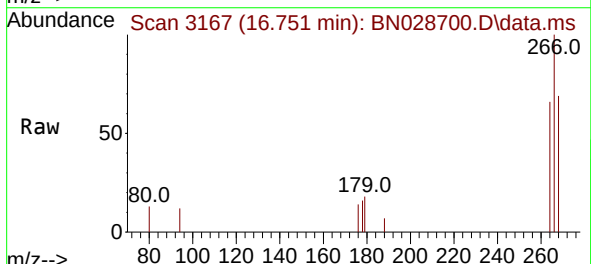
Reviewed By :Yogesh
Patel
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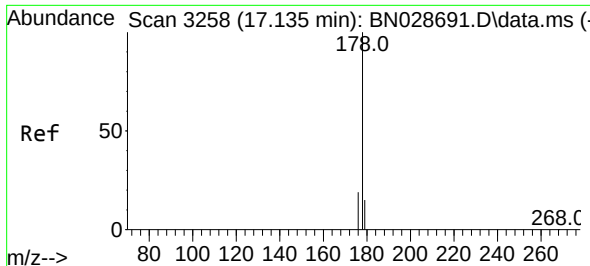
Supervised By :mohammad
ahmed
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#14
Pentachlorophenol
Concen: 0.576 ng/ul
RT: 16.751 min Scan# 3167
Delta R.T. -0.008 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

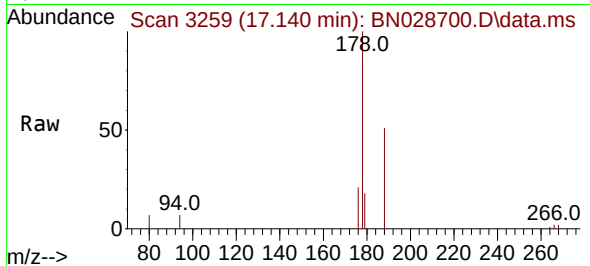
Tgt Ion:266 Resp: 2530
Ion Ratio Lower Upper
266 100
264 62.1 50.1 75.1
268 64.5 50.6 75.8





#15
Phenanthrene
Concen: 0.353 ng/u1
RT: 17.140 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

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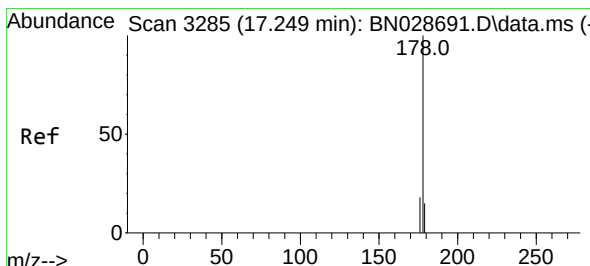
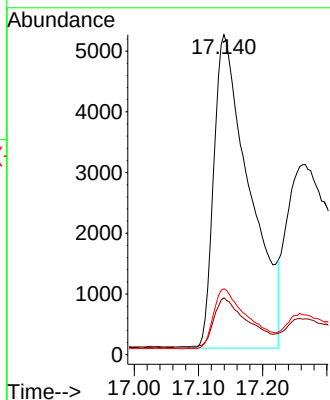
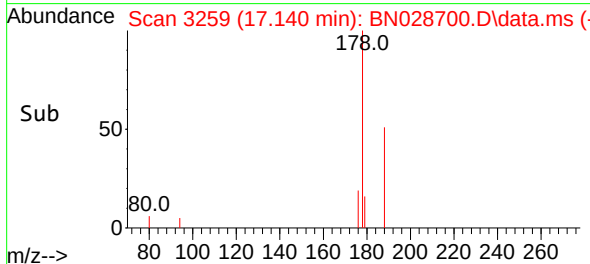


Tgt Ion:178 Resp: 19854
Ion Ratio Lower Upper
178 100
179 17.8 12.4 18.6
176 20.6 15.4 23.2

Manual Integrations
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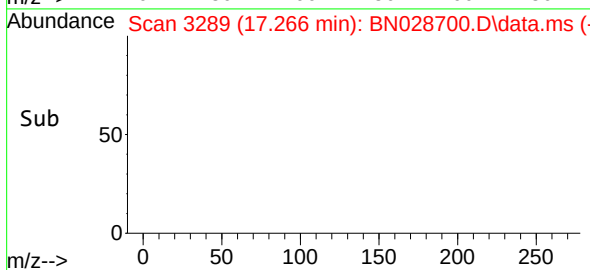
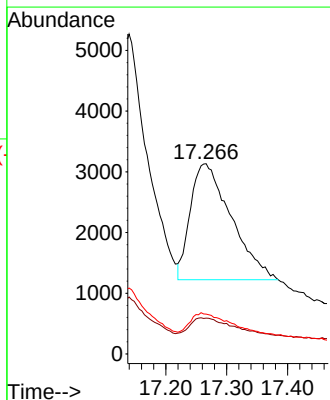
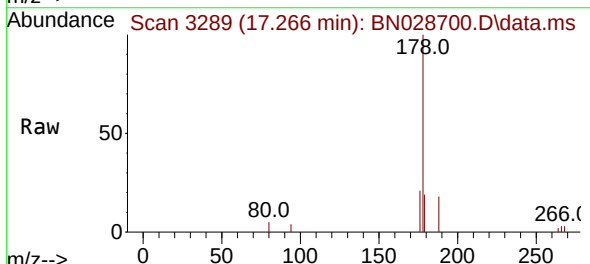
Reviewed By :Yogesh
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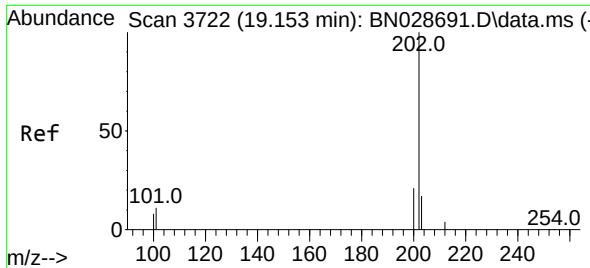
Supervised By :mohammad
ahmed
11/20/2023



#16
Anthracene
Concen: 0.173 ng/u1
RT: 17.266 min Scan# 3289
Delta R.T. 0.017 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

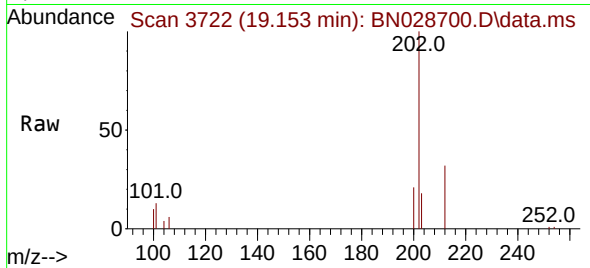
Tgt Ion:178 Resp: 8902
Ion Ratio Lower Upper
178 100
179 18.8 12.6 18.8
176 21.0 14.9 22.3





#19
Fluoranthene
Concen: 0.365 ng/u1
RT: 19.153 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

Instrument :
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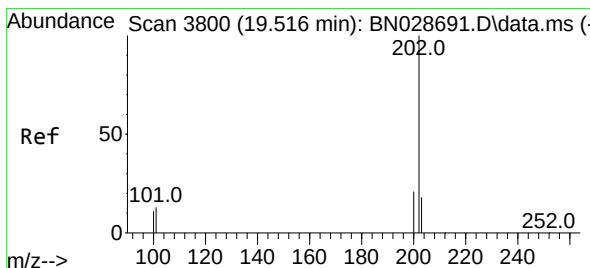
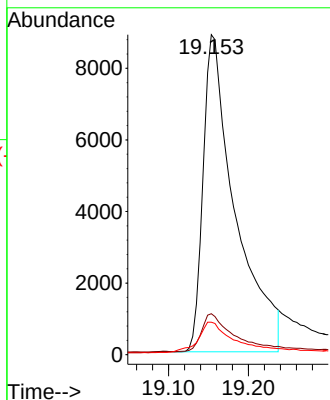


Tgt Ion:202 Resp: 24735
Ion Ratio Lower Upper
202 100
101 12.8 9.5 14.3
100 10.2 7.2 10.8

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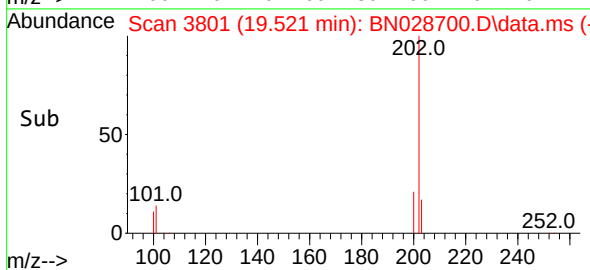
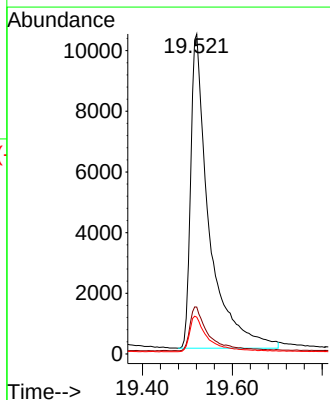
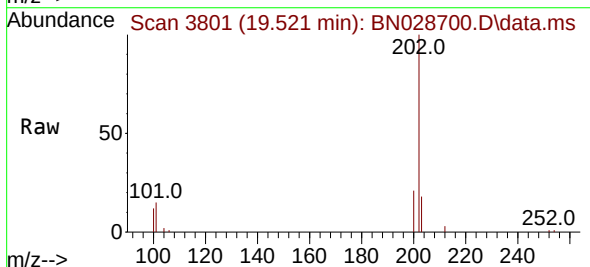
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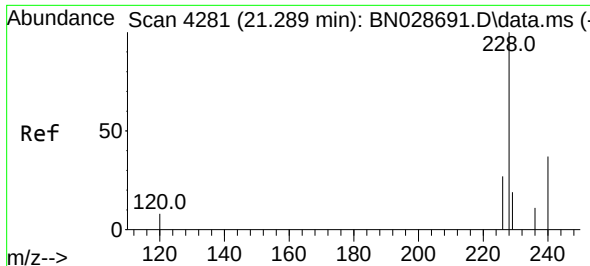
Supervised By :mohammad
ahmed
11/20/2023



#20
Pyrene
Concen: 0.420 ng/u1
RT: 19.521 min Scan# 3801
Delta R.T. 0.005 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

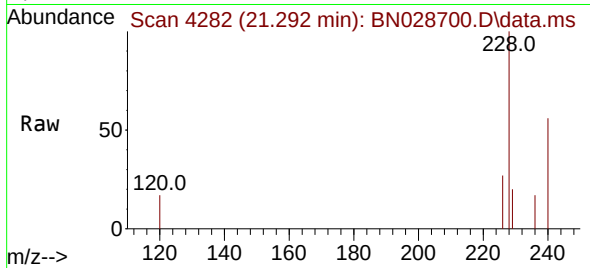
Tgt Ion:202 Resp: 29505
Ion Ratio Lower Upper
202 100
101 14.6 10.3 15.5
100 11.5 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.216 ng/u1
RT: 21.292 min Scan# 4281
Delta R.T. 0.003 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

Instrument :
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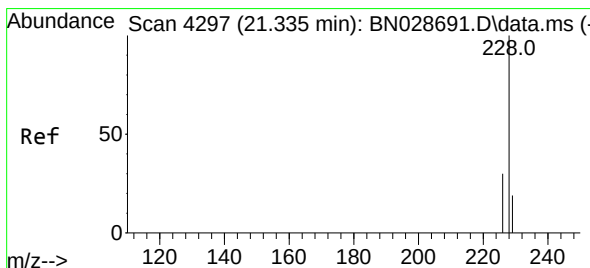
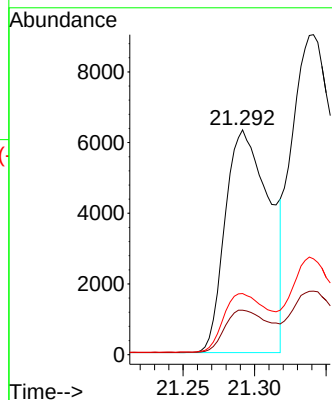


Tgt Ion:228 Resp: 13584
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.2 21.4 32.0

Manual Integrations
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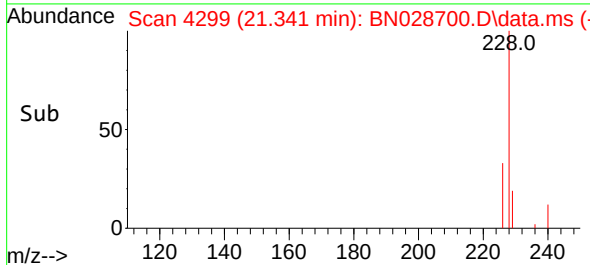
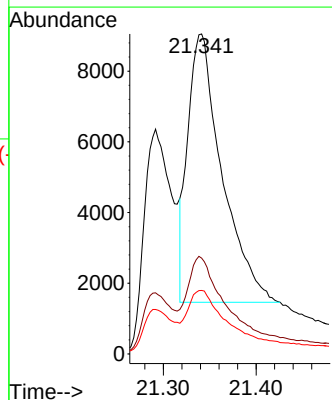
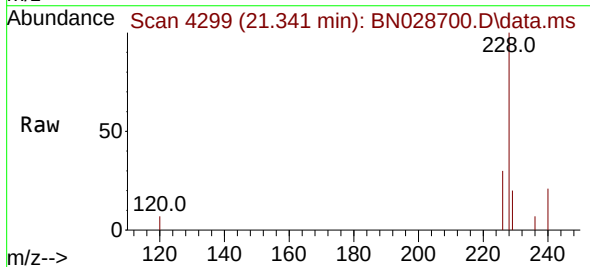
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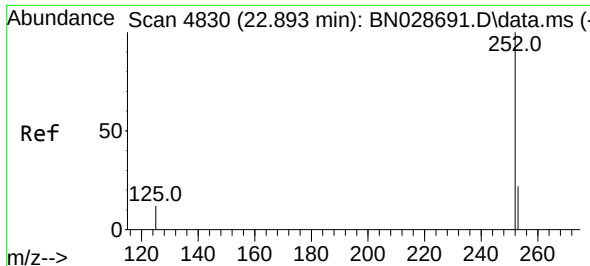
Supervised By :mohammad
ahmed
11/20/2023



#22
Chrysene
Concen: 0.316 ng/u1
RT: 21.341 min Scan# 4299
Delta R.T. 0.006 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

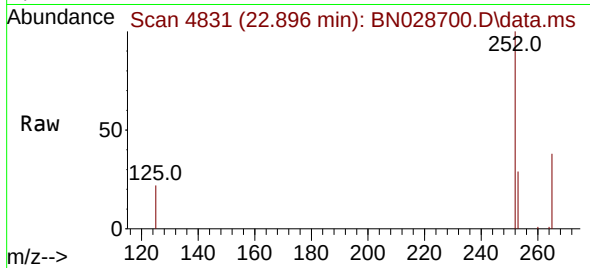
Tgt Ion:228 Resp: 19434
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 19.8 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.312 ng/ul
RT: 22.896 min Scan# 4831
Delta R.T. 0.003 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

Instrument :
BNA_N
ClientSampleId :
SLCS172

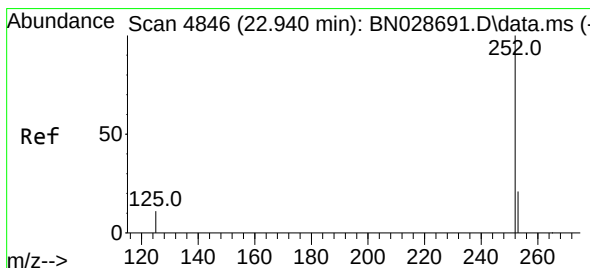
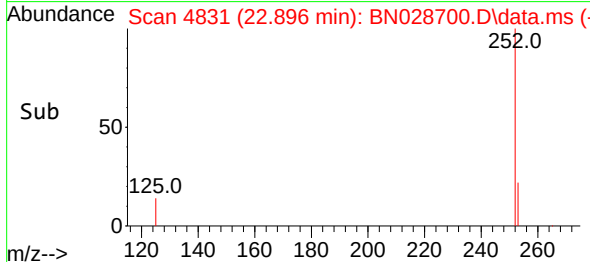
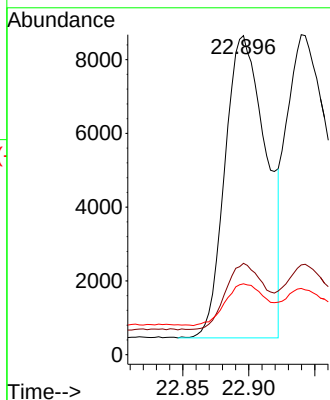


Tgt Ion:252 Resp: 17792
Ion Ratio Lower Upper
252 100
253 28.6 0.0 46.6
125 22.2 0.0 27.6

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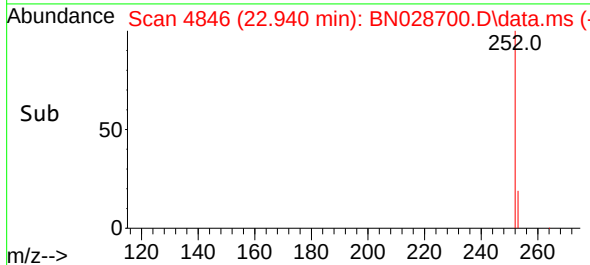
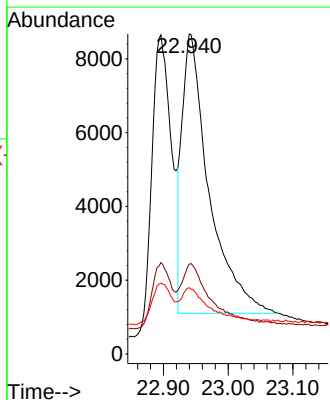
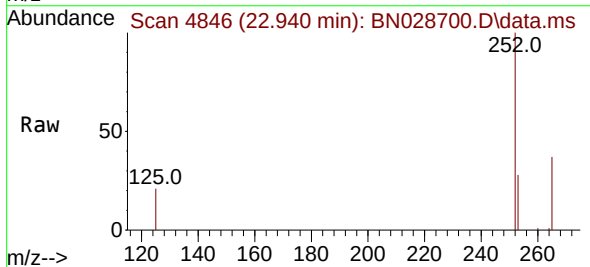
Reviewed By :Yogesh
Patel
11/17/2023

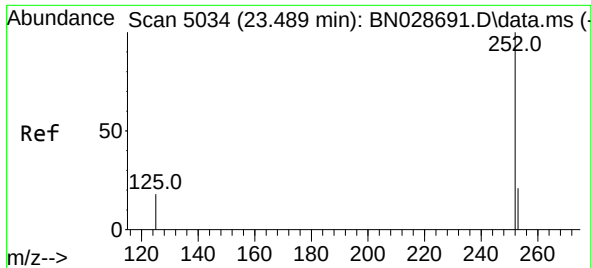
Supervised By :mohammad
ahmed
11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.366 ng/ul
RT: 22.940 min Scan# 4846
Delta R.T. 0.000 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

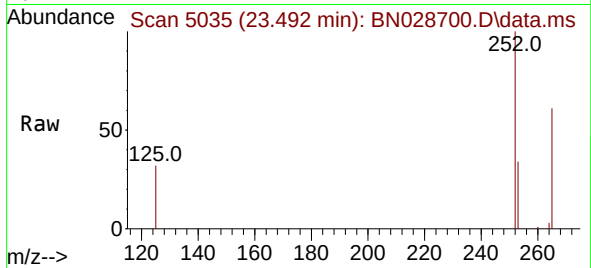
Tgt Ion:252 Resp: 21862
Ion Ratio Lower Upper
252 100
253 28.1 18.6 28.0#
125 20.7 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.345 ng/ul
RT: 23.492 min Scan# 5035
Delta R.T. 0.003 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

Instrument :
BNA_N
ClientSampleId :
SLCS172

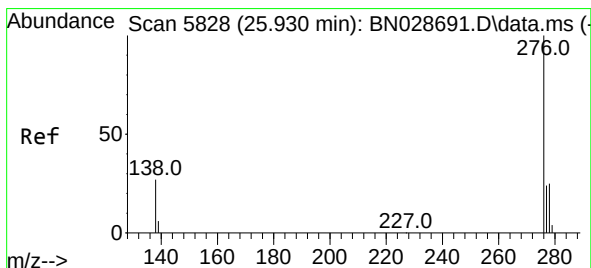
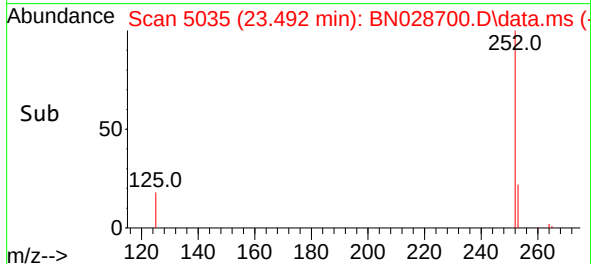
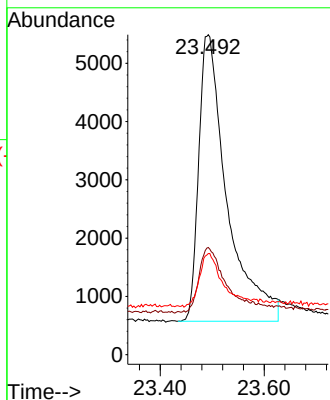


Tgt Ion:252 Resp: 18578
Ion Ratio Lower Upper
252 100
253 33.5 19.0 28.6
125 31.6 13.2 19.8

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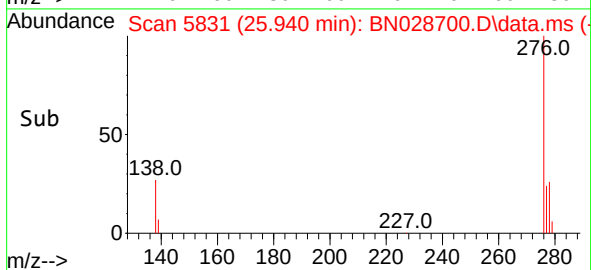
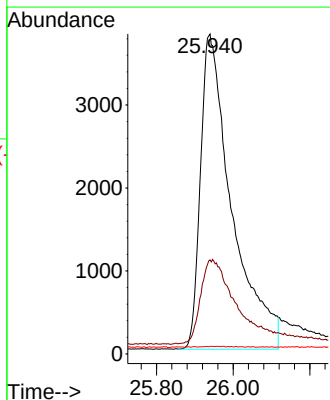
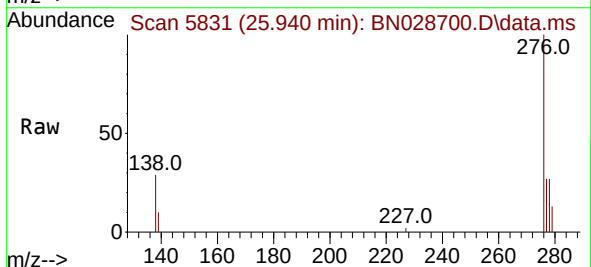
Reviewed By :Yogesh
Patel
11/17/2023

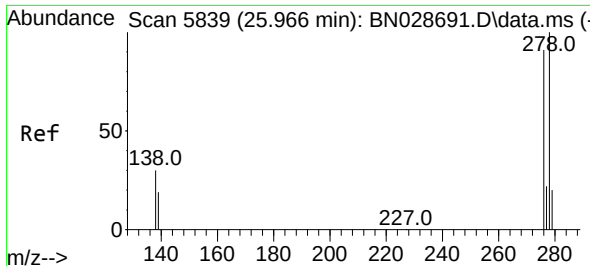
Supervised By :mohammad
ahmed
11/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng/ul
RT: 25.940 min Scan# 5831
Delta R.T. 0.010 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

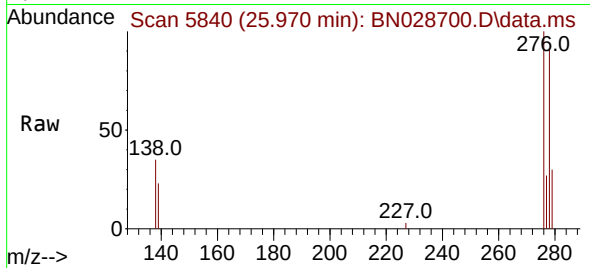
Tgt Ion:276 Resp: 21531
Ion Ratio Lower Upper
276 100
138 30.3 23.8 35.6
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.334 ng/ul
RT: 25.970 min Scan# 5839
Delta R.T. 0.003 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

Instrument :
BNA_N
ClientSampleId :
SLCS172

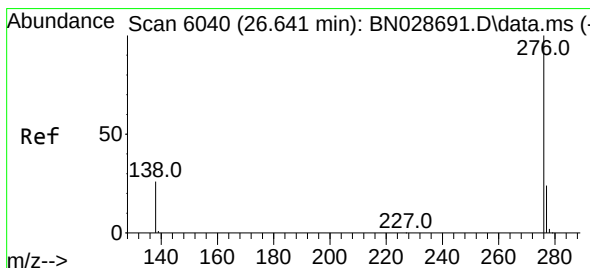
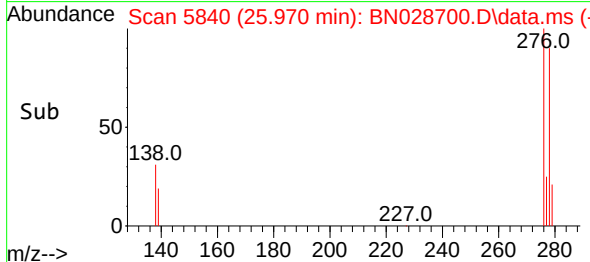
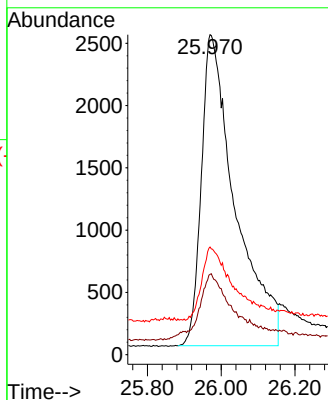


Tgt Ion:278 Resp: 1595
Ion Ratio Lower Upper
278 100
139 25.1 18.2 27.4
279 33.6 20.7 31.1

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
11/17/2023

Supervised By :mohammad
ahmed
11/20/2023



#29
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 26.644 min Scan# 6041
Delta R.T. 0.003 min
Lab File: BN028700.D
Acq: 17 Nov 2023 13:52

Tgt Ion:276 Resp: 20203
Ion Ratio Lower Upper
276 100
138 28.7 20.5 30.7
277 25.1 19.4 29.0

