

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112823\
 Data File : BN028906.D
 Acq On : 28 Nov 2023 16:24
 Operator : MA/JU
 Sample : 05416-13DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AG6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 17:02:39 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 : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	4454m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.429	136	15617	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164	7989	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.047	188	13751	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.263	240	10201	0.400	ng/ul	# 0.00
23) Perylene-d12	23.534	264	10294	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	8033	1.632	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.057	152	1394m	0.059	ng/ul	-0.02
18) Fluoranthene-d10	19.085	212	2597	0.079	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.484	128	2782	0.064	ng/ul#	78
7) 2-Methylnaphthalene	12.129	142	2158m	0.075	ng/ul	
8) 1-Methylnaphthalene	12.326	142	1589m	0.054	ng/ul	
10) Acenaphthylene	14.006	152	1688	0.042	ng/ul#	77
11) Acenaphthene	14.353	153	615	0.021	ng/ul#	89
12) Fluorene	15.347	166	1290	0.038	ng/ul#	95
15) Phenanthrene	17.089	178	15906	0.376	ng/ul	98
16) Anthracene	17.178	178	5404	0.139	ng/ul#	89
19) Fluoranthene	19.112	202	37574	0.866	ng/ul	99
20) Pyrene	19.475	202	32985	0.734	ng/ul	96
21) Benzo(a)anthracene	21.251	228	15177	0.376	ng/ul	95
22) Chrysene	21.301	228	12161	0.308	ng/ul	96
24) Benzo(b)fluoranthene	22.853	252	15306m	0.396	ng/ul	
25) Benzo(k)fluoranthene	22.897	252	7213m	0.178	ng/ul	
26) Benzo(a)pyrene	23.432	252	10610	0.291	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.867	276	7143	0.176	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.883	278	1628	0.050	ng/ul#	10
29) Benzo(g,h,i)perylene	26.571	276	6722	0.203	ng/ul#	88

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

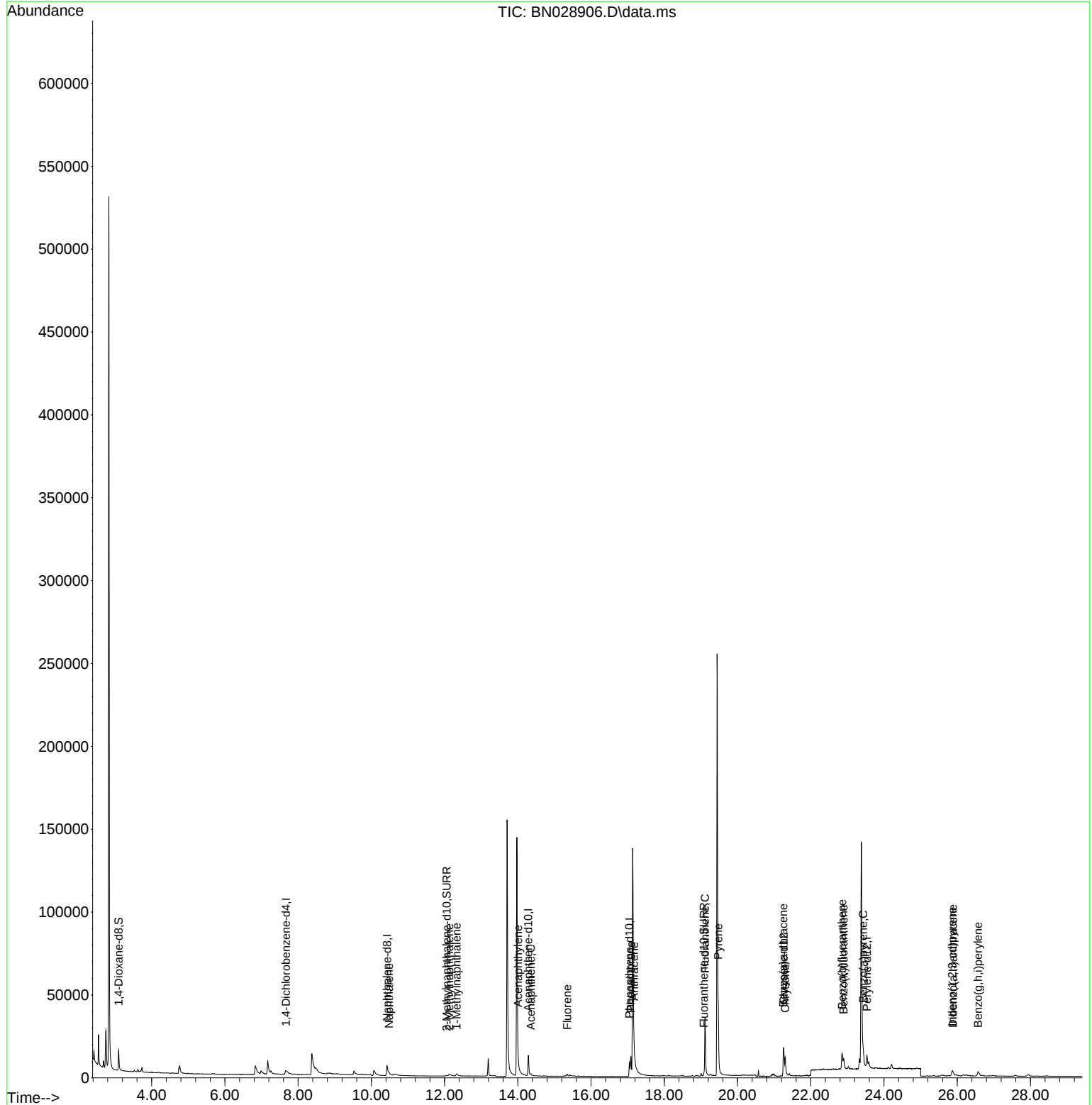
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112823\
Data File : BN028906.D
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ALS Vial : 7 Sample Multiplier: 1

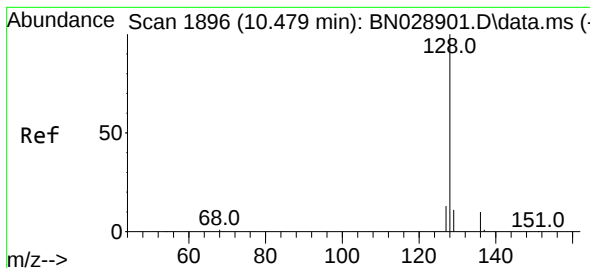
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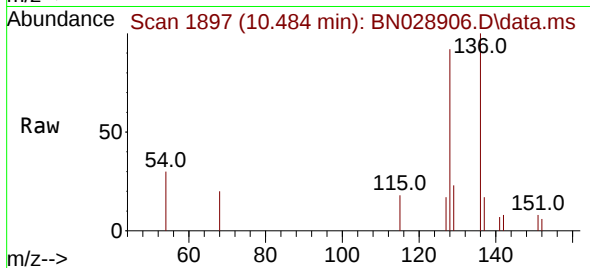
Quant Time: Nov 28 17:02:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.064 ng/ul
RT: 10.484 min Scan# 1897
Delta R.T. -0.022 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24

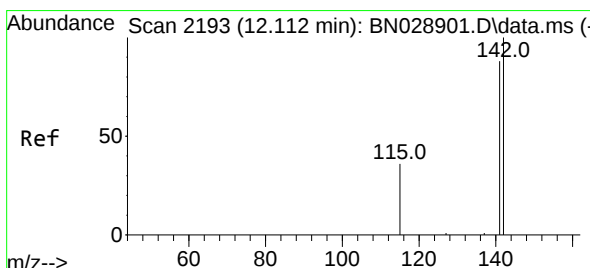
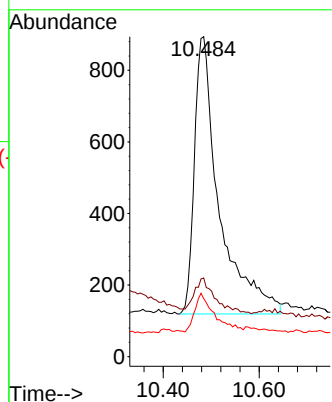
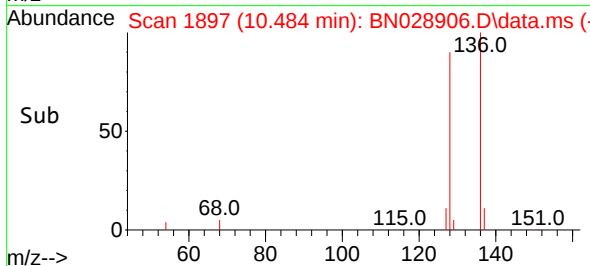
Instrument :
BNA_N
ClientSampleId :
C0AG6DL



Tgt Ion:128 Resp: 278
Ion Ratio Lower Upper
128 100
129 24.6 9.2 13.8
127 18.1 10.7 16.1

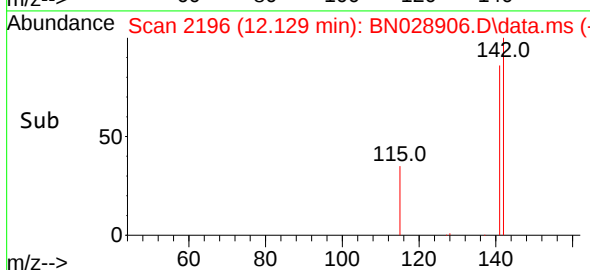
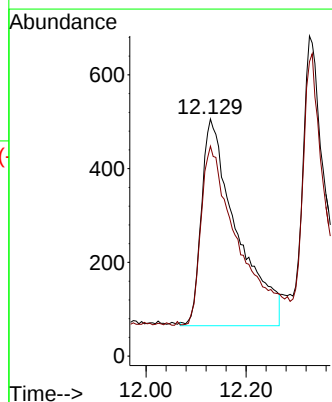
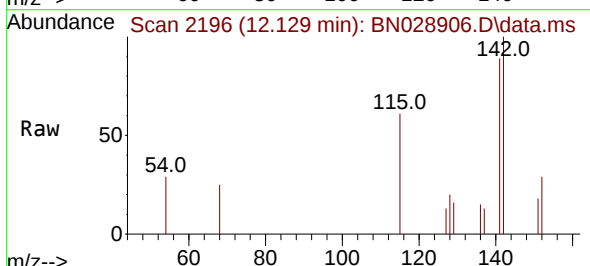
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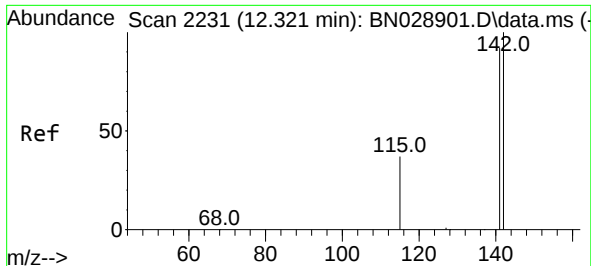
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#7
2-Methylnaphthalene
Concen: 0.075 ng/ul m
RT: 12.129 min Scan# 2196
Delta R.T. -0.011 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24

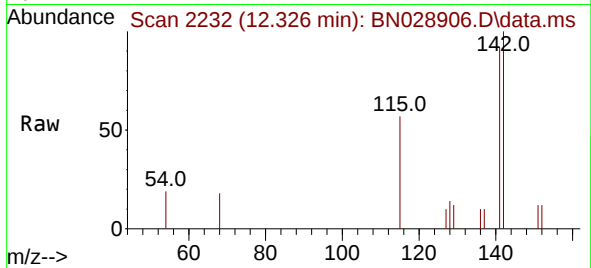
Tgt Ion:142 Resp: 2158
Ion Ratio Lower Upper
142 100
141 62.9 70.8 106.2





#8
1-Methylnaphthalene
Concen: 0.054 ng/ul m
RT: 12.326 min Scan# 21
Delta R.T. -0.011 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24

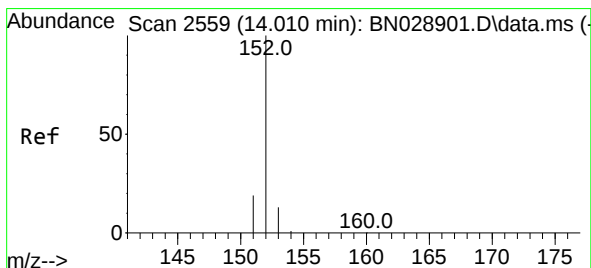
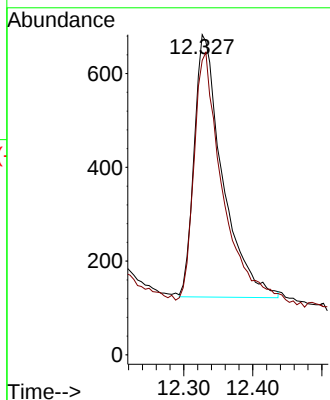
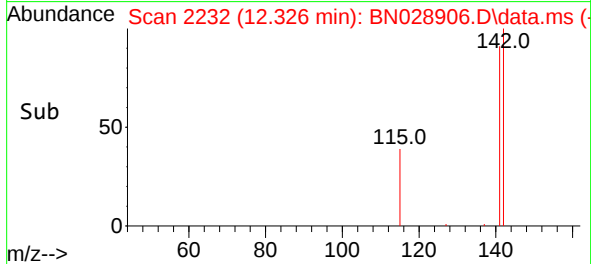
Instrument :
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C0AG6DL



Tgt Ion:142 Resp: 1589
Ion Ratio Lower Upper
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141 84.6 74.1 111.1

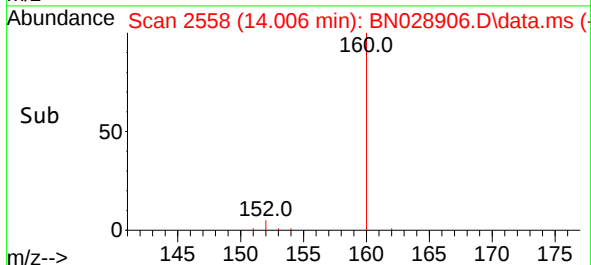
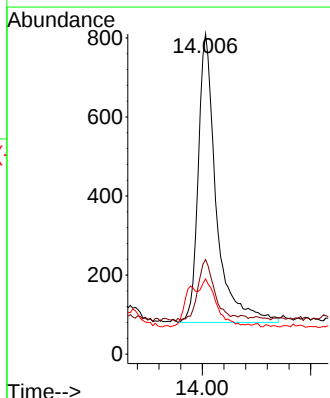
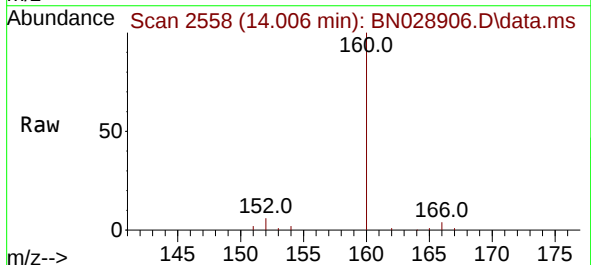
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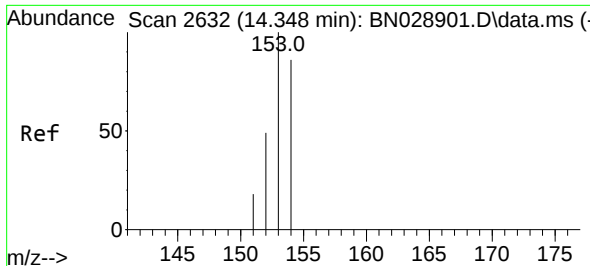
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.006 min Scan# 2558
Delta R.T. -0.019 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24

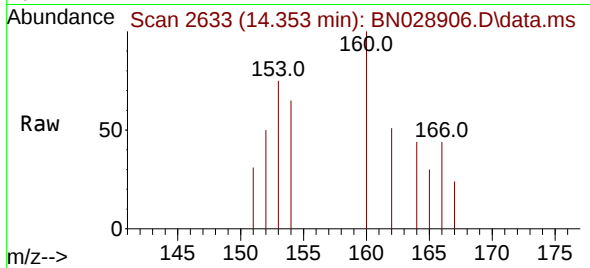
Tgt Ion:152 Resp: 1688
Ion Ratio Lower Upper
152 100
151 29.5 16.1 24.1#
153 23.5 10.6 15.8#





#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.353 min Scan# 2633
Delta R.T. -0.010 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24

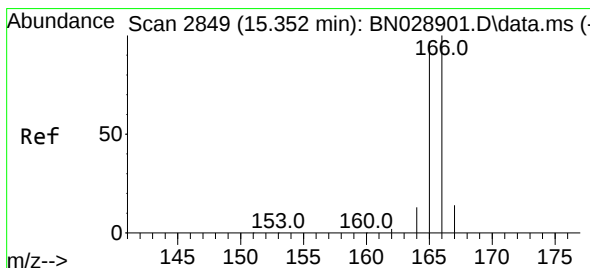
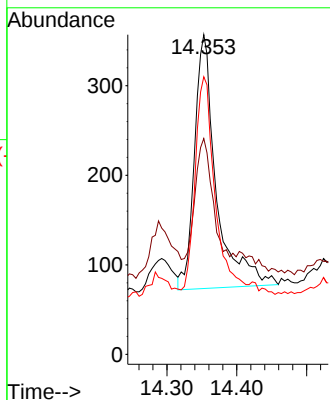
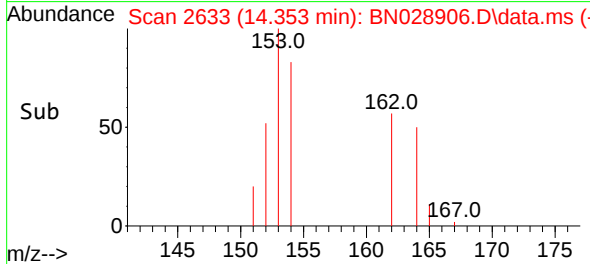
Instrument :
BNA_N
ClientSampleId :
C0AG6DL



Tgt Ion:153 Resp: 61
Ion Ratio Lower Upper
153 100
152 67.5 39.6 59.4
154 86.8 71.0 106.6

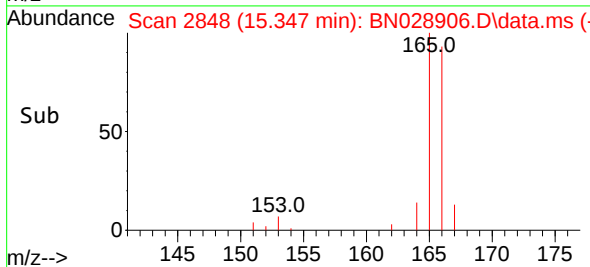
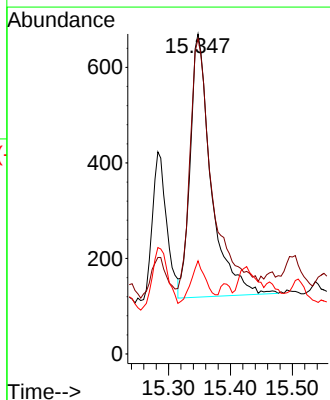
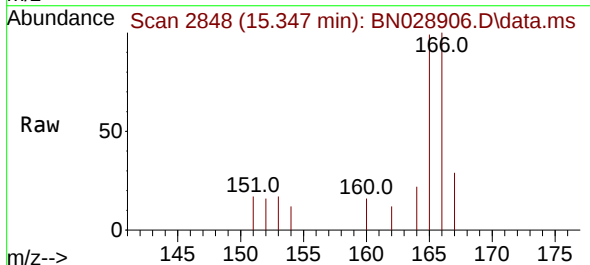
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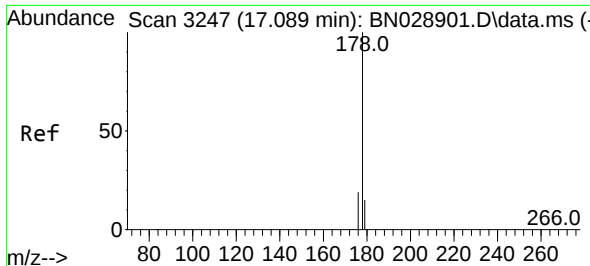
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.347 min Scan# 2848
Delta R.T. -0.019 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24

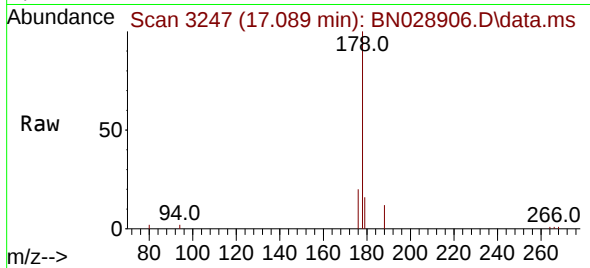
Tgt Ion:166 Resp: 1290
Ion Ratio Lower Upper
166 100
165 98.5 78.6 118.0
167 29.1 11.0 16.6





#15
Phenanthrene
Concen: 0.376 ng/u1
RT: 17.089 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24

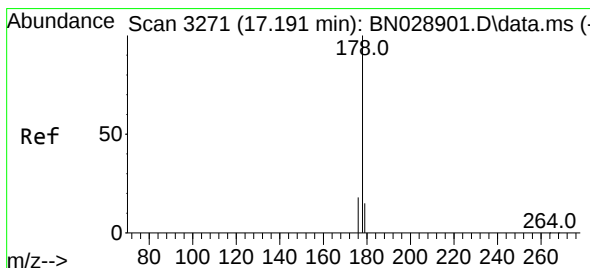
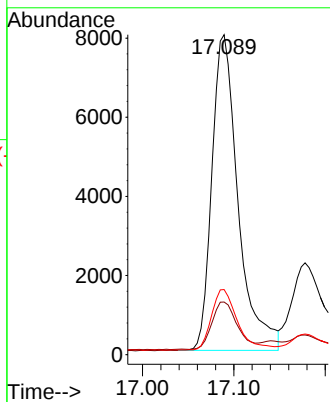
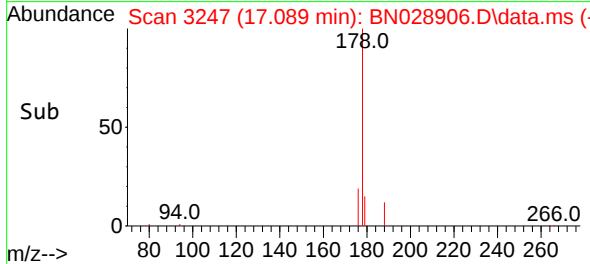
Instrument :
BNA_N
ClientSampleId :
C0AG6DL



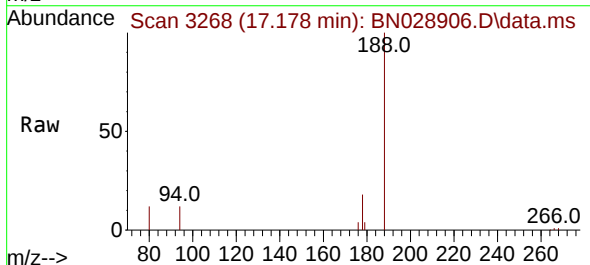
Tgt Ion:178 Resp: 15900
Ion Ratio Lower Upper
178 100
179 16.5 12.4 18.6
176 20.3 15.4 23.2

Manual Integrations
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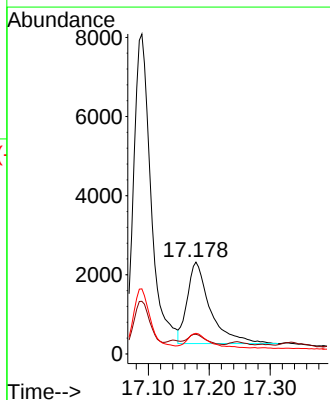
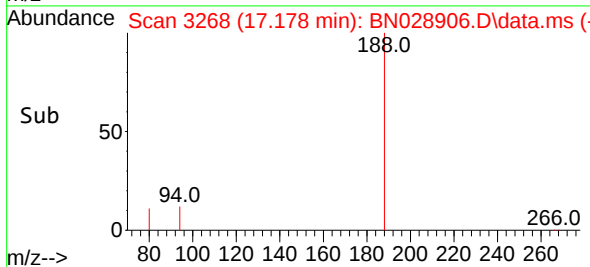
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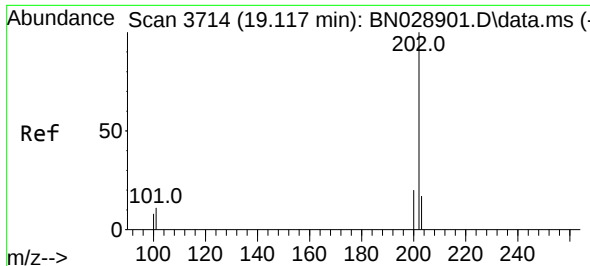


#16
Anthracene
Concen: 0.139 ng/u1
RT: 17.178 min Scan# 3268
Delta R.T. -0.026 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24



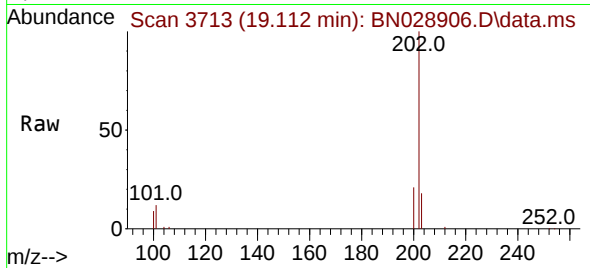
Tgt Ion:178 Resp: 5404
Ion Ratio Lower Upper
178 100
179 21.5 12.6 18.8#
176 22.5 14.9 22.3#





#19
Fluoranthene
Concen: 0.866 ng/u1
RT: 19.112 min Scan# 3714
Delta R.T. -0.010 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24

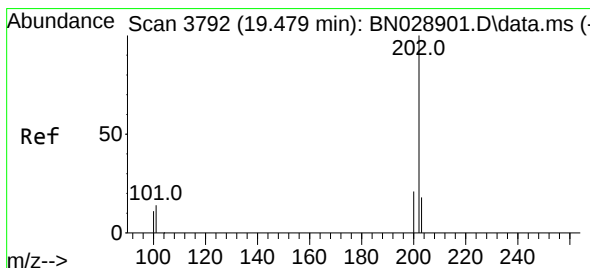
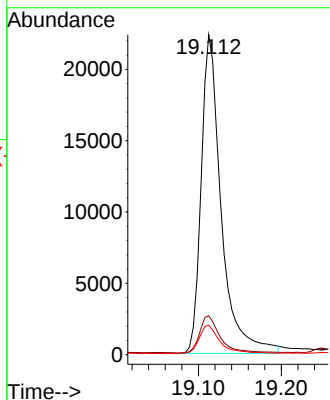
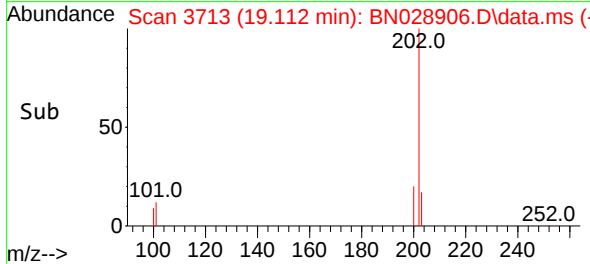
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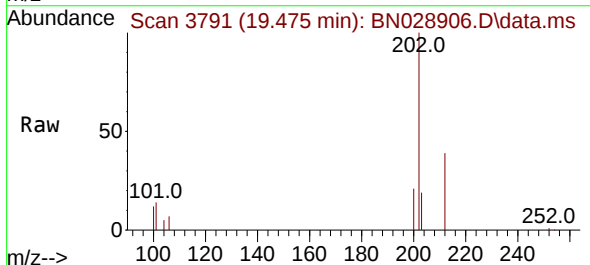
Tgt Ion:202 Resp: 37574
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 9.2 7.2 10.8

Manual Integrations
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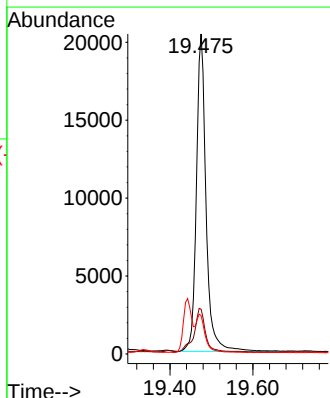
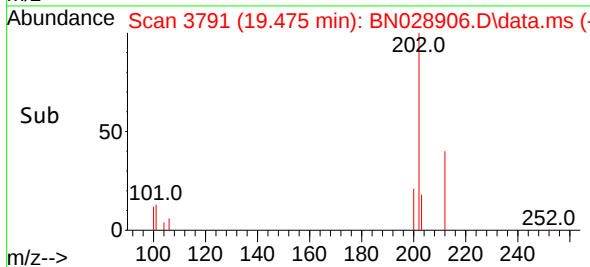
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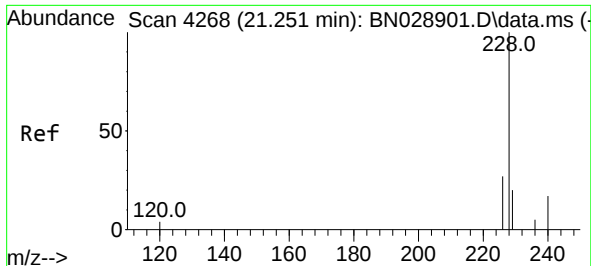


#20
Pyrene
Concen: 0.734 ng/u1
RT: 19.475 min Scan# 3791
Delta R.T. -0.010 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24



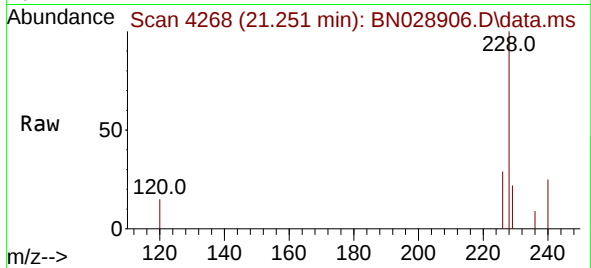
Tgt Ion:202 Resp: 32985
Ion Ratio Lower Upper
202 100
101 14.0 10.3 15.5
100 12.0 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.376 ng/u1
RT: 21.251 min Scan# 4268
Delta R.T. -0.004 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24

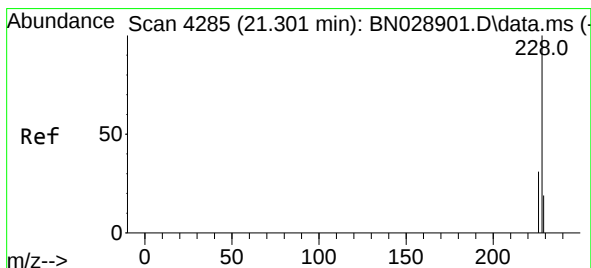
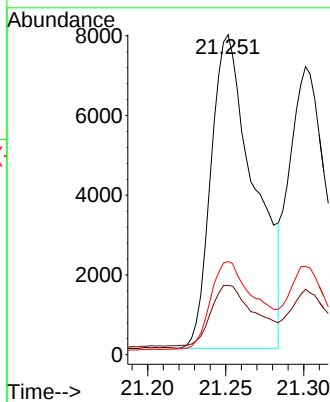
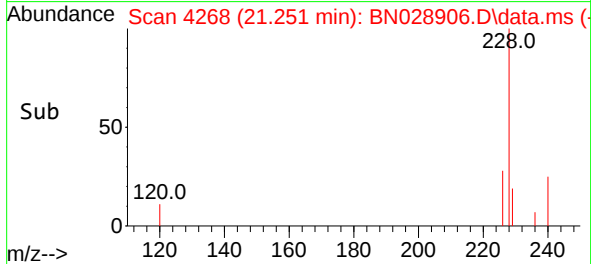
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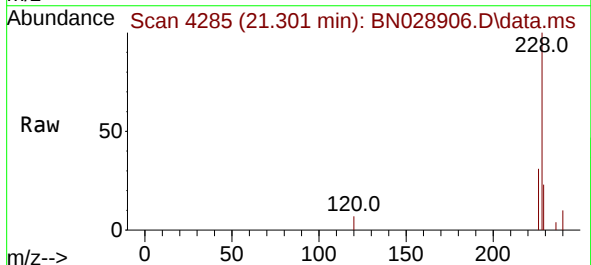
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Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 29.1 21.4 32.0

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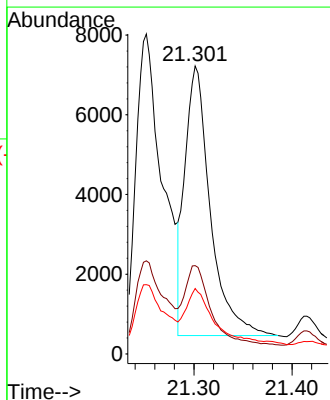
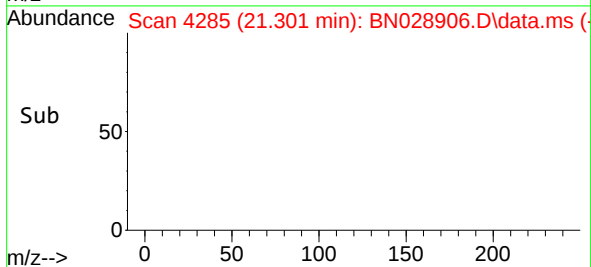
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

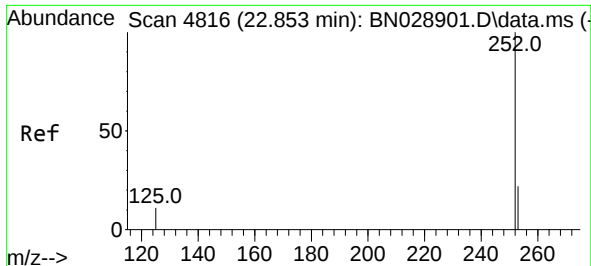


#22
Chrysene
Concen: 0.308 ng/u1
RT: 21.301 min Scan# 4285
Delta R.T. -0.004 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24



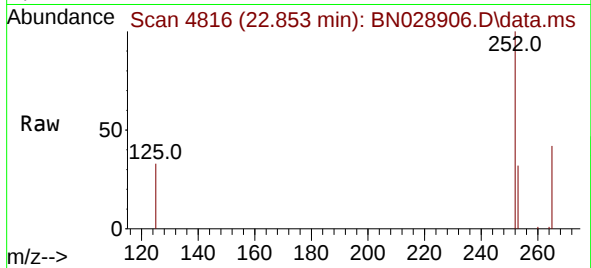
Tgt Ion:228 Resp: 12161
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.8
229 22.7 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.396 ng/ul m
RT: 22.853 min Scan# 4816
Delta R.T. -0.001 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24

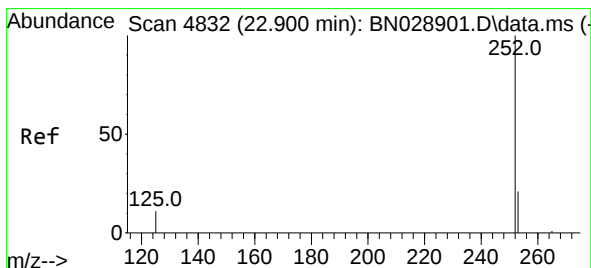
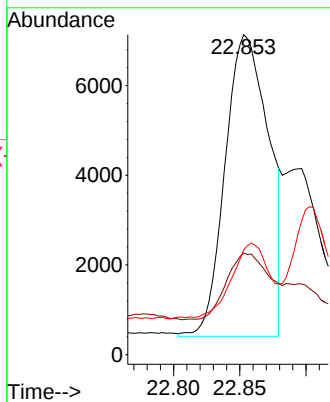
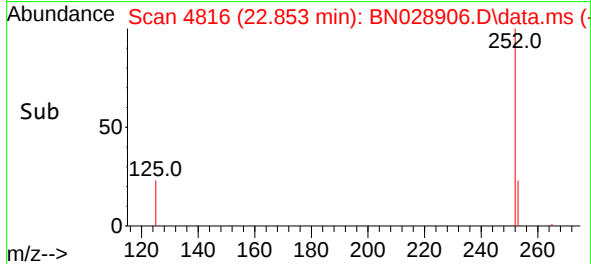
Instrument :
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ClientSampleId :
C0AG6DL



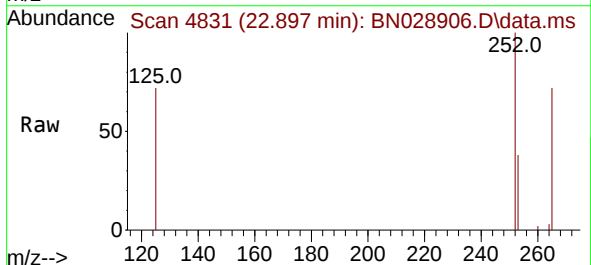
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Ion Ratio Lower Upper
252 100
253 31.8 0.0 46.6
125 32.8 0.0 27.6

Manual Integrations
APPROVED

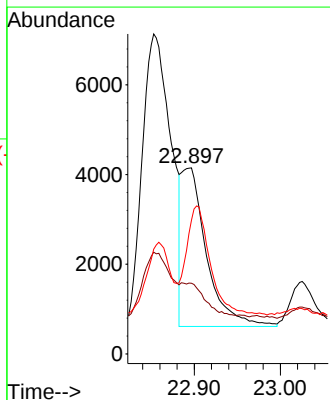
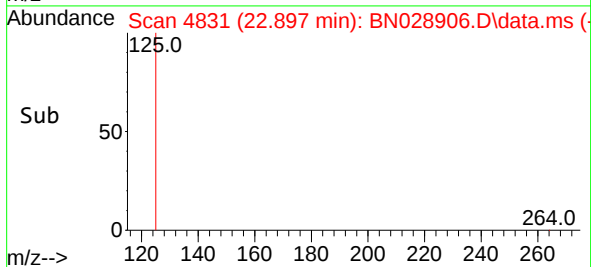
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

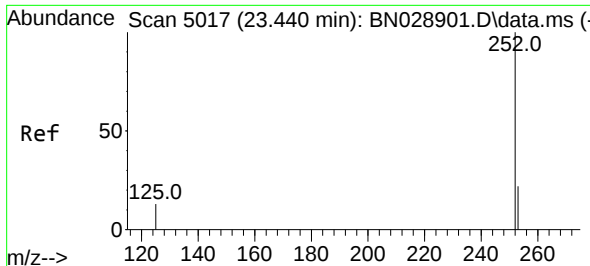


#25
Benzo(k)fluoranthene
Concen: 0.178 ng/ul m
RT: 22.897 min Scan# 4831
Delta R.T. -0.007 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24



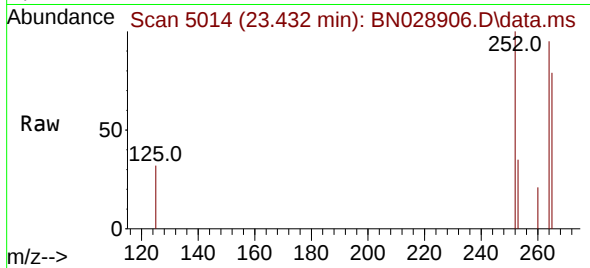
Tgt Ion:252 Resp: 7213
Ion Ratio Lower Upper
252 100
253 38.0 18.6 28.0#
125 71.9 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.291 ng/ul
RT: 23.432 min Scan# 5014
Delta R.T. -0.013 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24

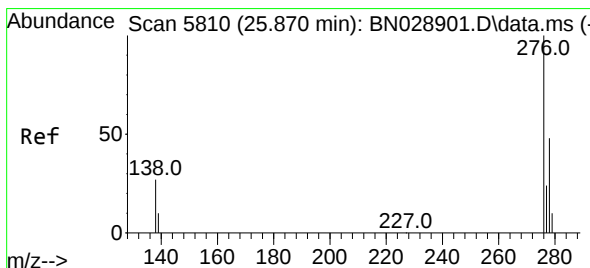
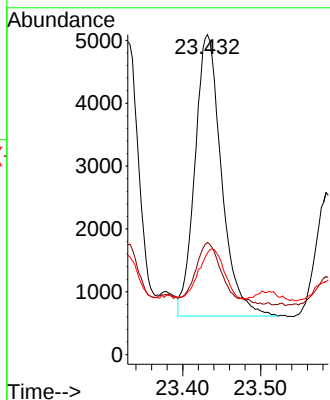
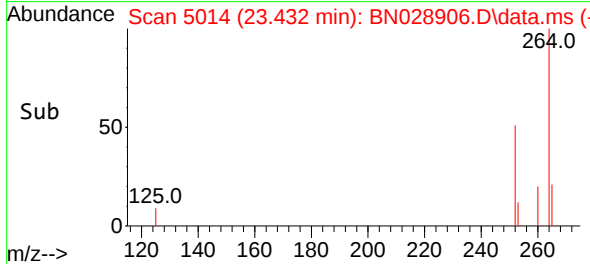
Instrument :
BNA_N
ClientSampleId :
C0AG6DL



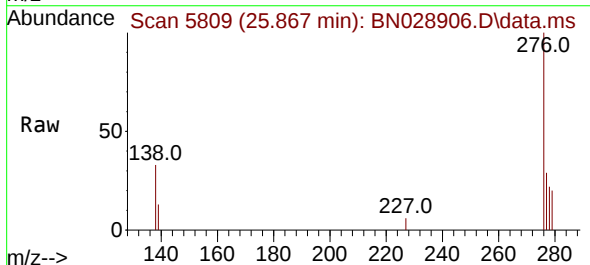
Tgt Ion:252 Resp: 10610
Ion Ratio Lower Upper
252 100
253 35.1 19.0 28.6
125 31.8 13.2 19.8

Manual Integrations
APPROVED

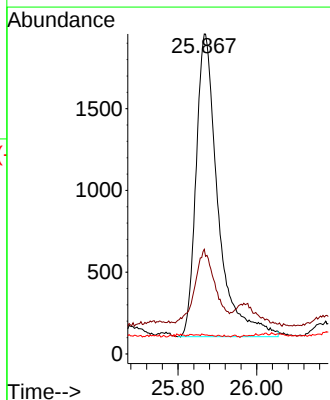
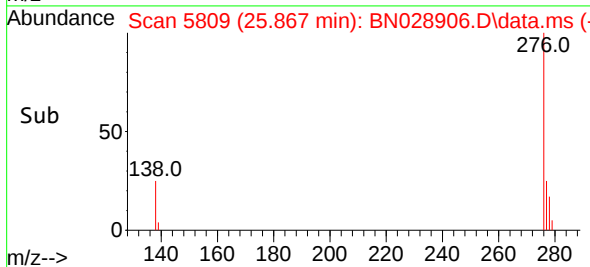
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

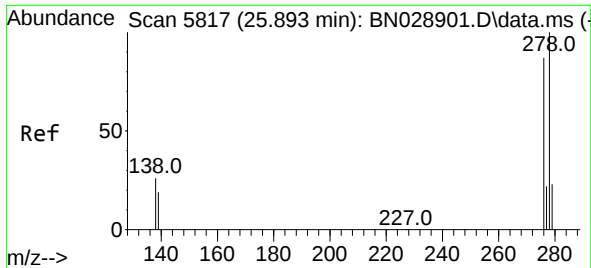


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.176 ng/ul
RT: 25.867 min Scan# 5809
Delta R.T. -0.008 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24



Tgt Ion:276 Resp: 7143
Ion Ratio Lower Upper
276 100
138 24.1 23.8 35.6
227 0.2 0.1 0.1





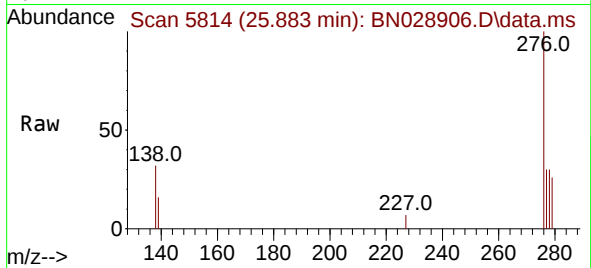
#28
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 25.883 min Scan# 5814
Delta R.T. -0.014 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24

Instrument :

BNA_N

ClientSampleId :

C0AG6DL



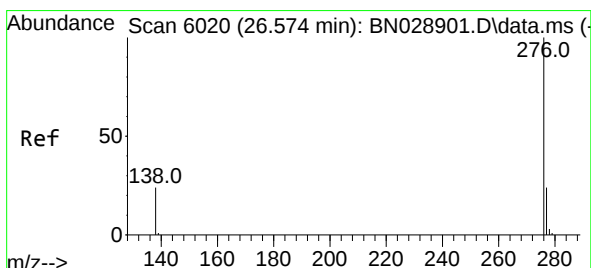
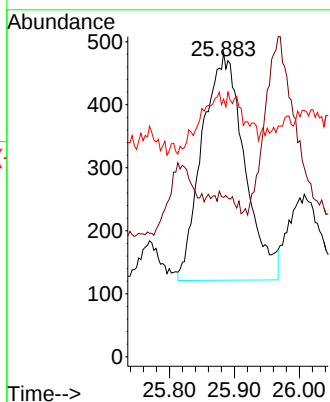
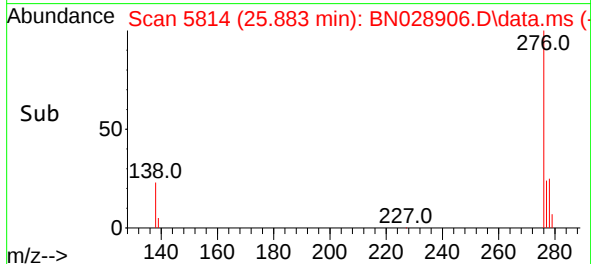
Tgt Ion:278 Resp: 1628
Ion Ratio Lower Upper
278 100
139 52.4 18.2 27.4#
279 84.7 20.7 31.1#

Manual Integrations

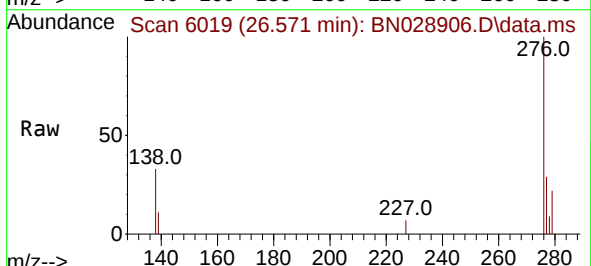
APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#29
Benzo(g,h,i)perylene
Concen: 0.203 ng/ul
RT: 26.571 min Scan# 6019
Delta R.T. -0.008 min
Lab File: BN028906.D
Acq: 28 Nov 2023 16:24



Tgt Ion:276 Resp: 6722
Ion Ratio Lower Upper
276 100
138 32.8 20.5 30.7#
277 29.3 19.4 29.0#

