

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028074.D
 Acq On : 06 Oct 2023 07:19
 Operator : MA/JU
 Sample : 04469-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYM0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 08:03:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	4353	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	13471	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	7168	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	14641	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.527	240	12683	0.400	ng/ul	# 0.00
23) Perylene-d12	24.000	264	15528	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	12013	2.197	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	2333	0.107	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	4792	0.119	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	5141	0.134	ng/ul#	95
7) 2-Methylnaphthalene	12.417	142	5368	0.222	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	7070	0.283	ng/ul	99
10) Acenaphthylene	14.314	152	45325	1.394	ng/ul	100
11) Acenaphthene	14.647	153	13837	0.535	ng/ul	100
12) Fluorene	15.637	166	28049	0.974	ng/ul	99
15) Phenanthrene	17.383	178	445198	10.202	ng/ul	99
16) Anthracene	17.472	178	279325	7.155	ng/ul	99
19) Fluoranthene	19.399	202	828611	17.110	ng/ul	99
20) Pyrene	19.766	202	941427	18.756	ng/ul	99
21) Benzo(a)anthracene	21.510	228	374325	8.083	ng/ul	98
22) Chrysene	21.565	228	416320	8.902	ng/ul	96
24) Benzo(b)fluoranthene	23.234	252	510213m	8.861	ng/ul	
25) Benzo(k)fluoranthene	23.281	252	188568m	3.291	ng/ul	
26) Benzo(a)pyrene	23.886	252	321526	6.549	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.596	276	255787	4.306	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.599	278	74659	1.545	ng/ul#	74
29) Benzo(g,h,i)perylene	27.410	276	291307	5.998	ng/ul	99

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

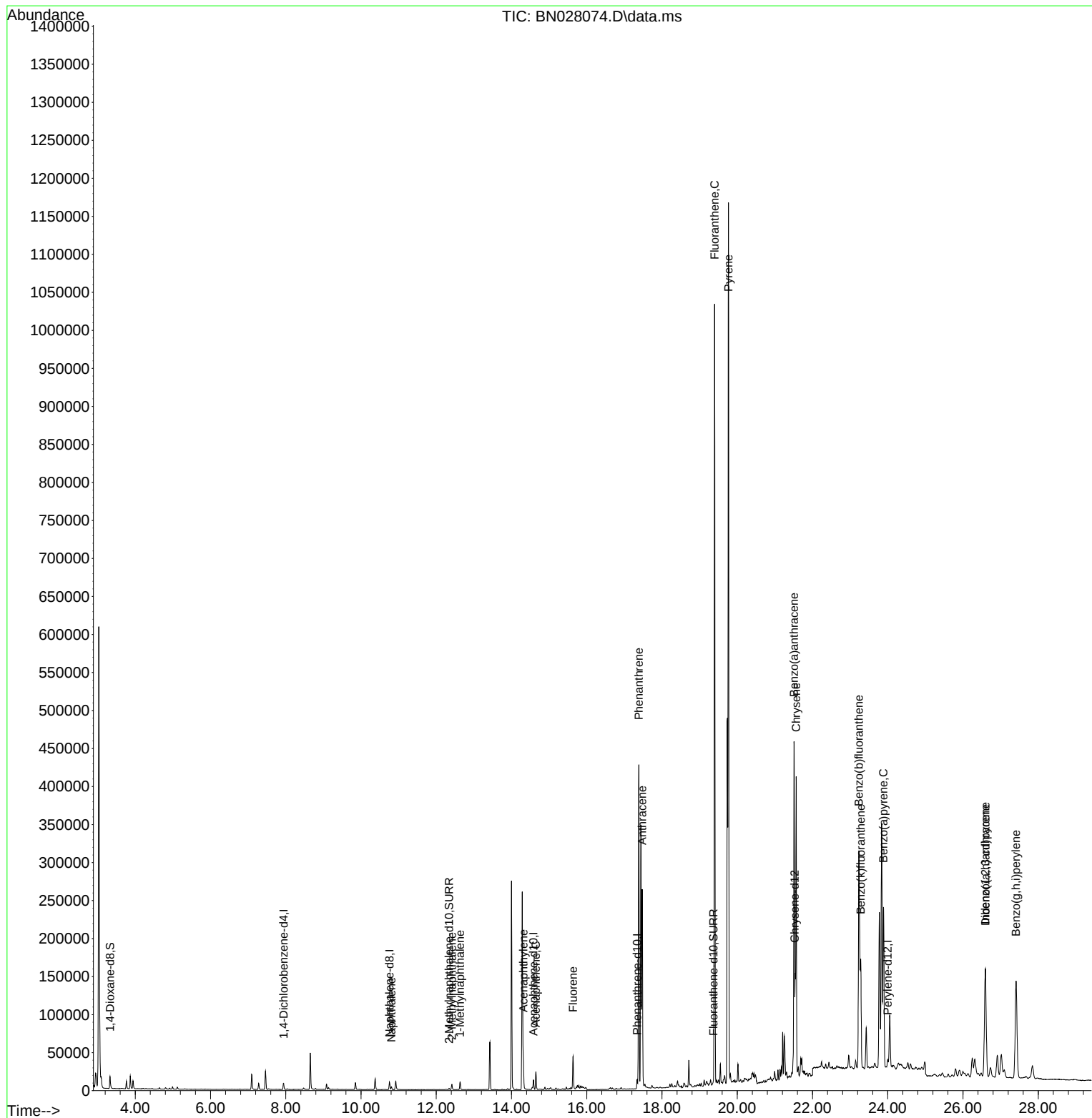
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028074.D
Acq On : 06 Oct 2023 07:19
Operator : MA/JU
Sample : 04469-04
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ALS Vial : 27 Sample Multiplier: 1

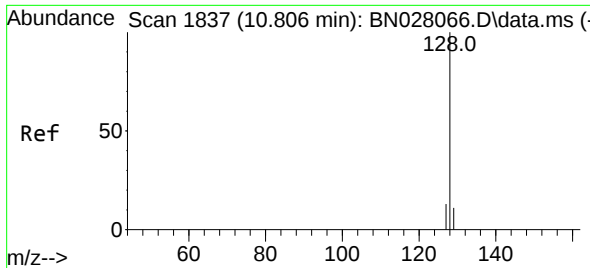
Instrument :
BNA_N
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EZYMO

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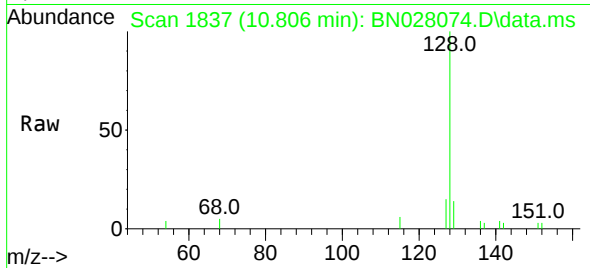
Quant Time: Oct 06 08:03:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.134 ng/ul
RT: 10.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19

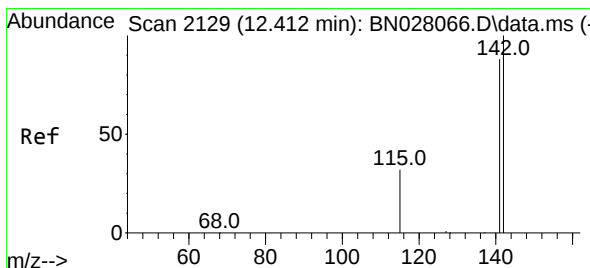
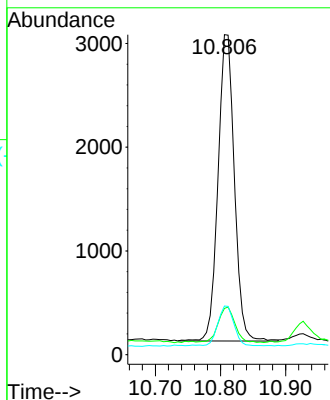
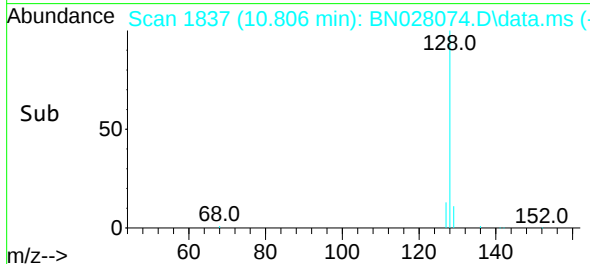
Instrument :
BNA_N
ClientSampleId :
EZYMO



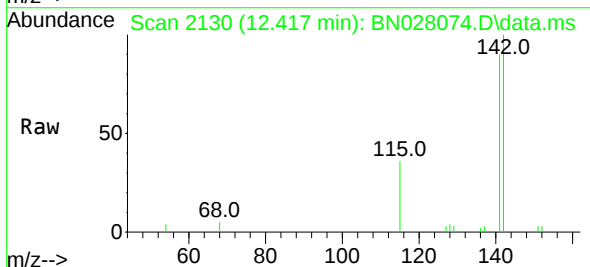
Tgt Ion:128 Resp: 514
Ion Ratio Lower Upper
128 100
129 14.5 9.4 14.0
127 15.2 11.0 16.4

Manual Integrations
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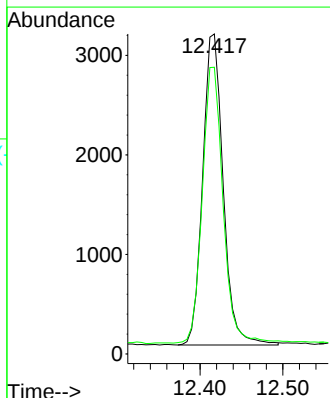
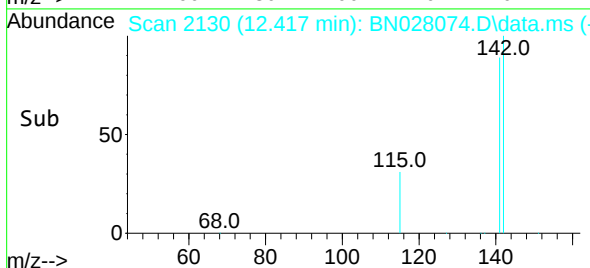
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

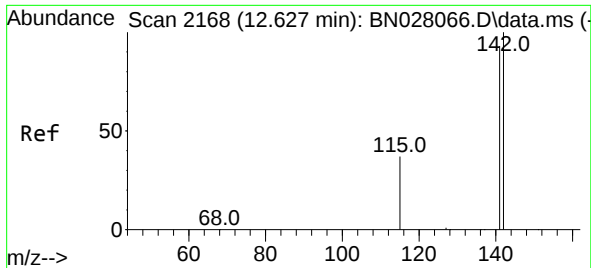


#7
2-Methylnaphthalene
Concen: 0.222 ng/ul
RT: 12.417 min Scan# 2130
Delta R.T. 0.005 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19



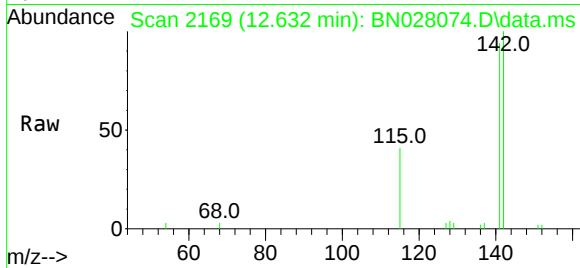
Tgt Ion:142 Resp: 5368
Ion Ratio Lower Upper
142 100
141 89.4 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. 0.005 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19

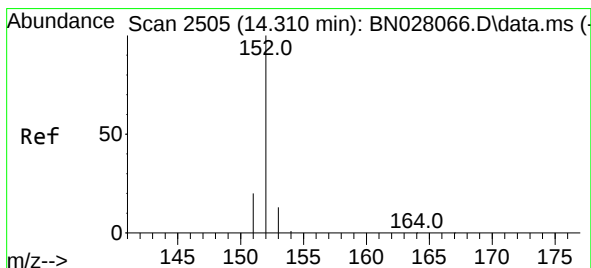
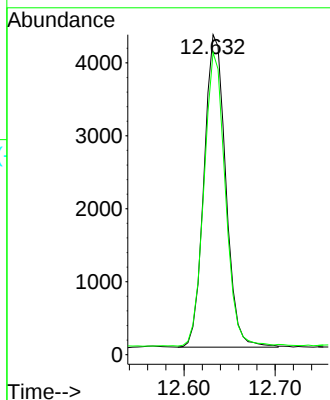
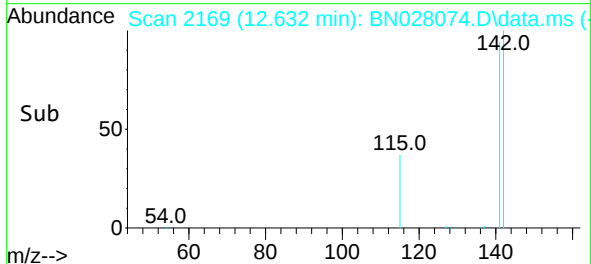
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 7070
Ion Ratio Lower Upper
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141 92.5 74.4 111.6

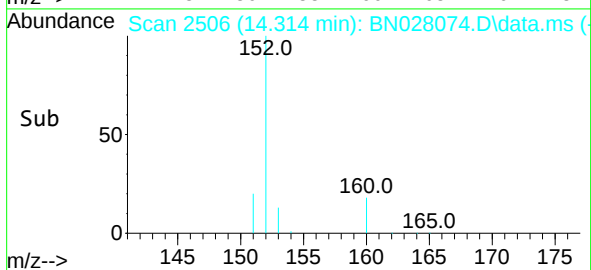
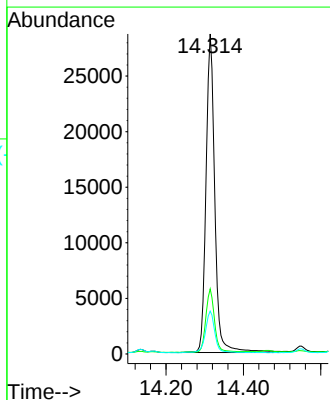
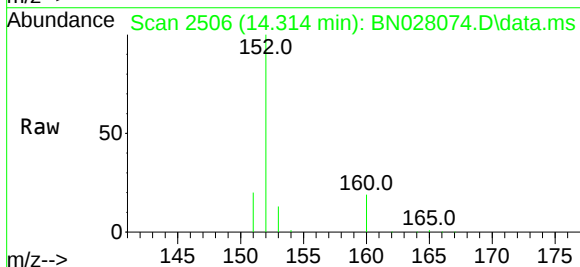
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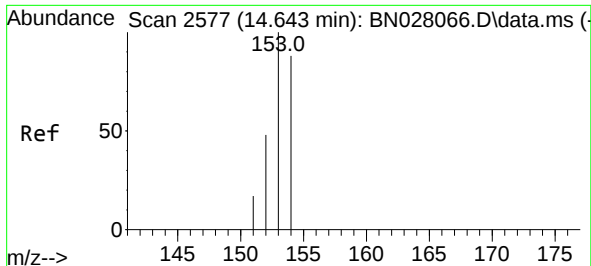
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#10
Acenaphthylene
Concen: 1.394 ng/ul
RT: 14.314 min Scan# 2506
Delta R.T. 0.004 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19

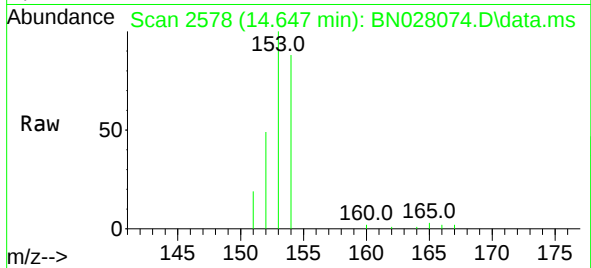
Tgt Ion:152 Resp: 45325
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.4 10.9 16.3





#11
Acenaphthene
Concen: 0.535 ng/ul
RT: 14.647 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19

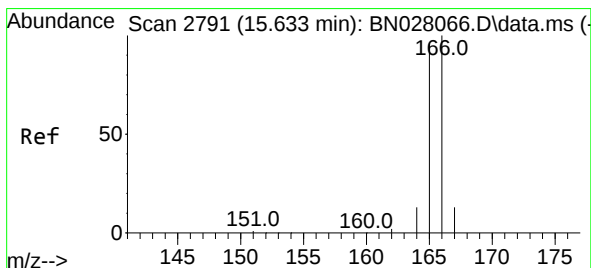
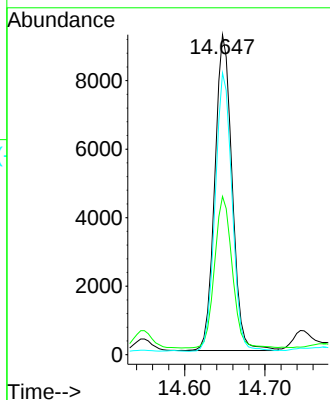
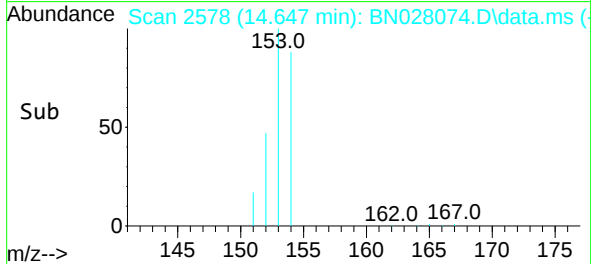
Instrument :
BNA_N
ClientSampleId :
EZYMO



Tgt Ion:153 Resp: 1383
Ion Ratio Lower Upper
153 100
152 49.5 39.4 59.0
154 88.1 70.2 105.4

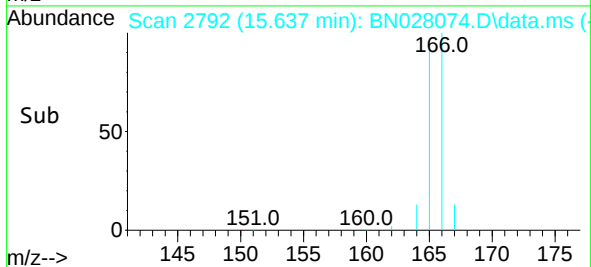
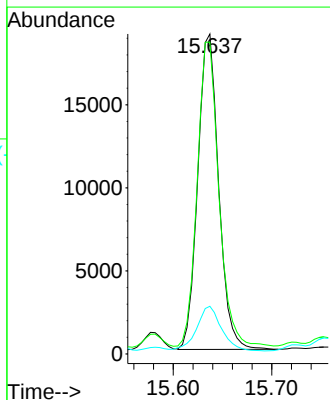
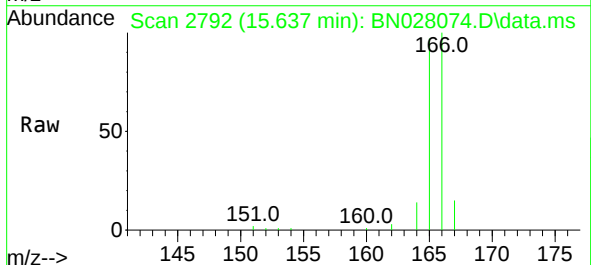
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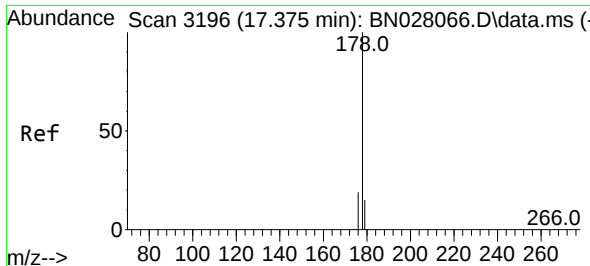
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#12
Fluorene
Concen: 0.974 ng/ul
RT: 15.637 min Scan# 2792
Delta R.T. 0.004 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19

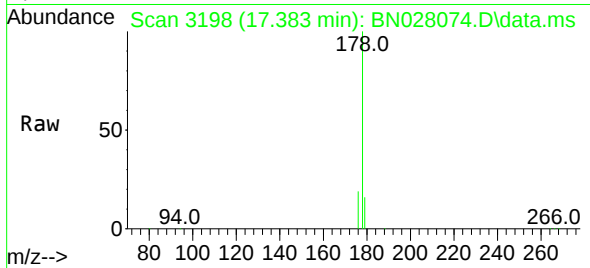
Tgt Ion:166 Resp: 28049
Ion Ratio Lower Upper
166 100
165 97.5 78.5 117.7
167 14.9 11.2 16.8





#15
Phenanthrene
Concen: 10.202 ng/u1
RT: 17.383 min Scan# 3198
Delta R.T. 0.008 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19

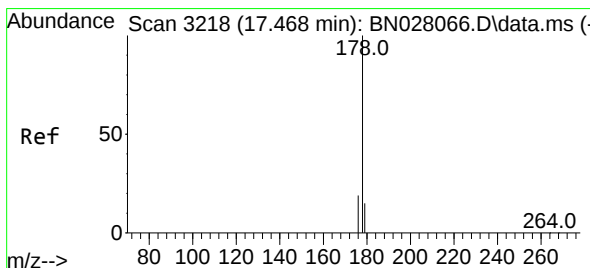
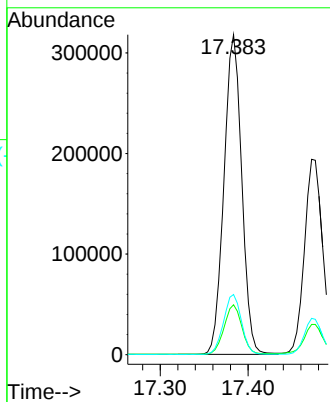
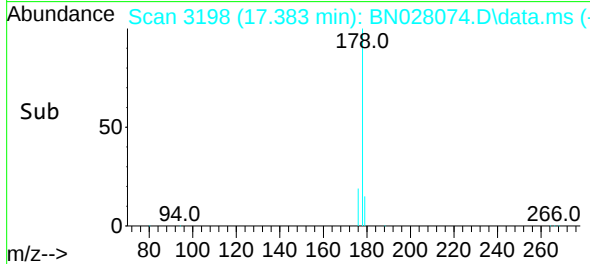
Instrument :
BNA_N
ClientSampleId :
EZYMO



Tgt Ion:178 Resp: 445198
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.8 15.5 23.3

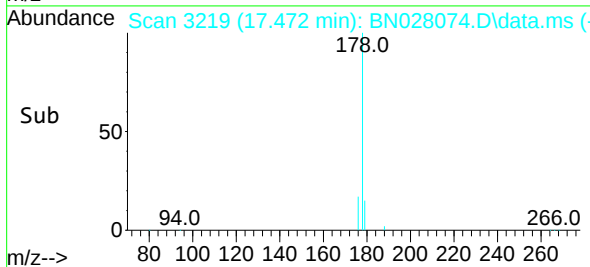
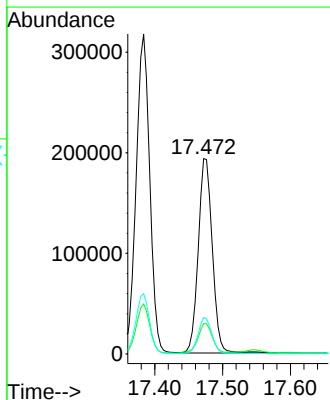
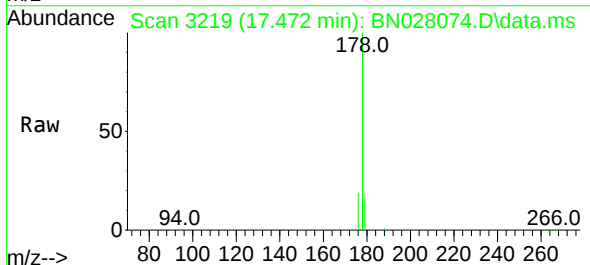
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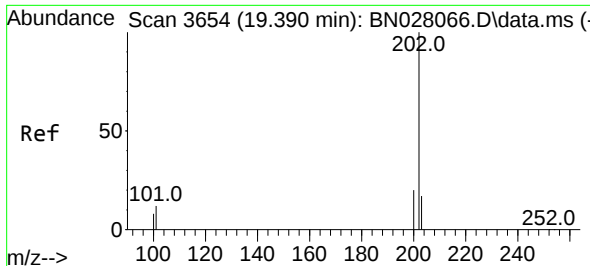
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#16
Anthracene
Concen: 7.155 ng/u1
RT: 17.472 min Scan# 3219
Delta R.T. 0.004 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19

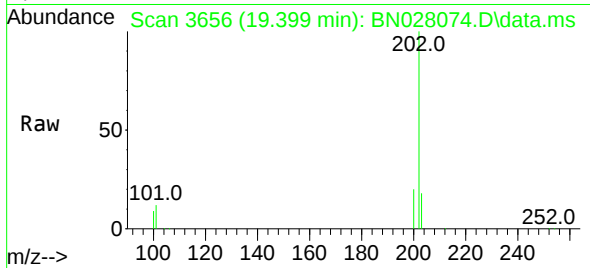
Tgt Ion:178 Resp: 279325
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 18.6 15.0 22.6





#19
Fluoranthene
Concen: 17.110 ng/u1
RT: 19.399 min Scan# 307
Delta R.T. 0.009 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19

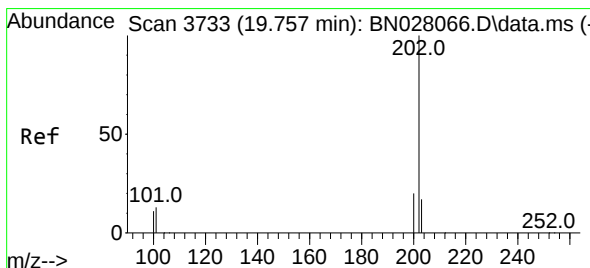
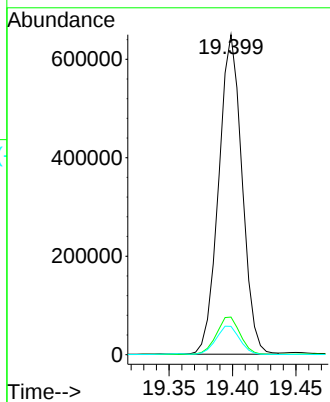
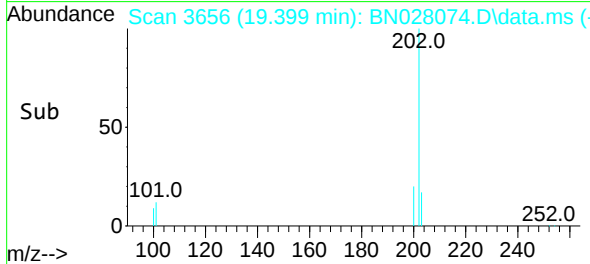
Instrument :
BNA_N
ClientSampleId :
EZYMO



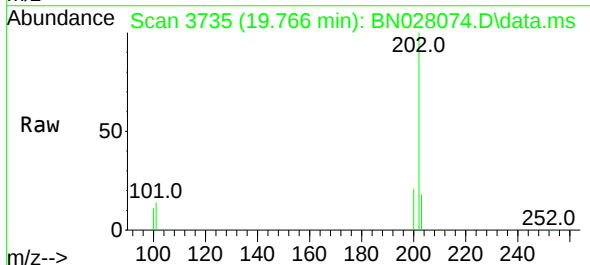
Tgt Ion:202 Resp: 82861
Ion Ratio Lower Upper
202 100
101 11.8 9.6 14.4
100 8.8 7.4 11.0

Manual Integrations
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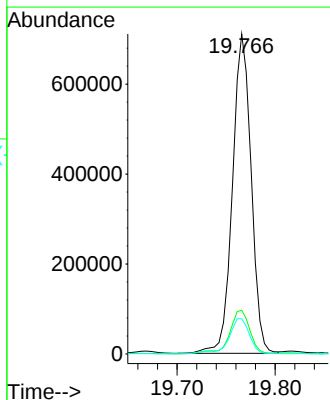
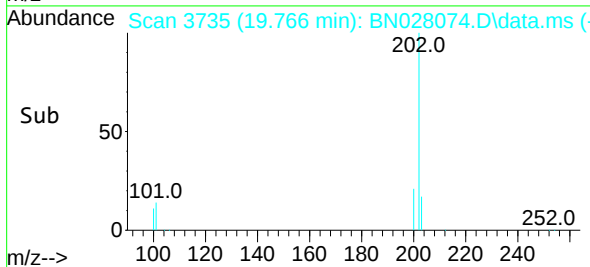
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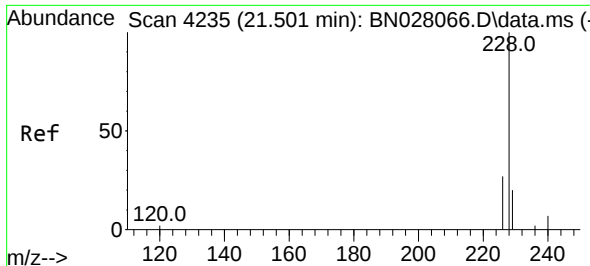


#20
Pyrene
Concen: 18.756 ng/u1
RT: 19.766 min Scan# 3735
Delta R.T. 0.009 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19



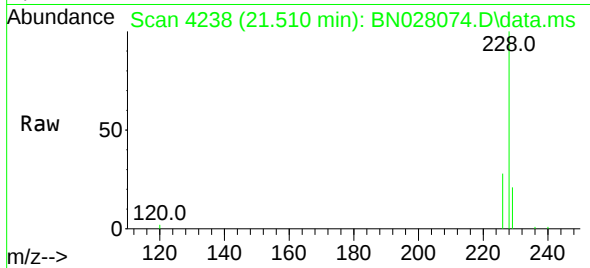
Tgt Ion:202 Resp: 941427
Ion Ratio Lower Upper
202 100
101 13.7 11.2 16.8
100 11.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 8.083 ng/u1
RT: 21.510 min Scan# 41
Delta R.T. 0.008 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19

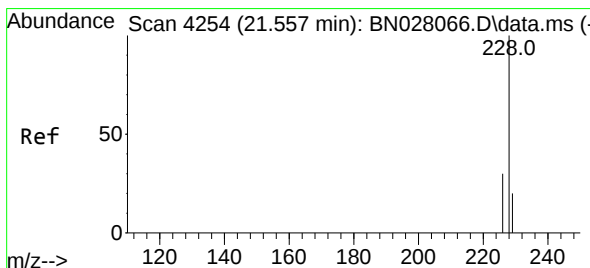
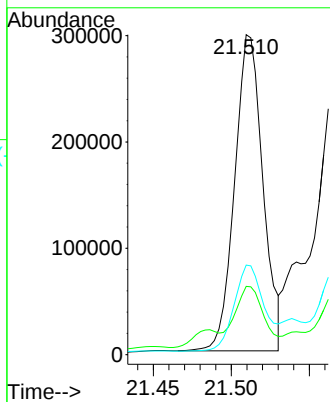
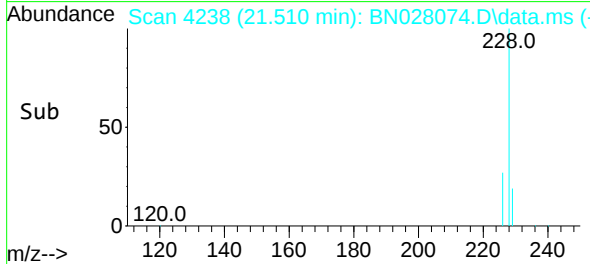
Instrument :
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EZYMO



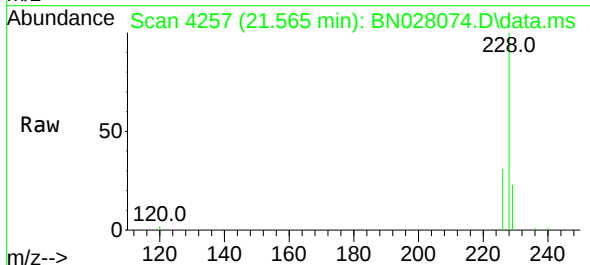
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Ion Ratio Lower Upper
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229 21.3 16.0 24.0
226 28.0 21.5 32.3

Manual Integrations
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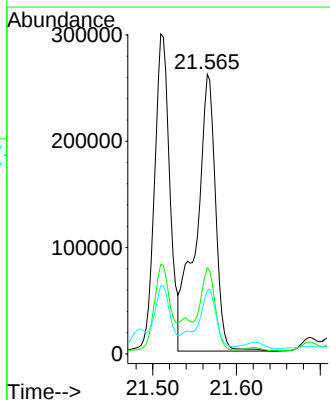
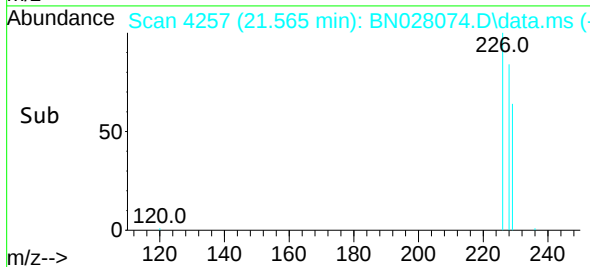
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

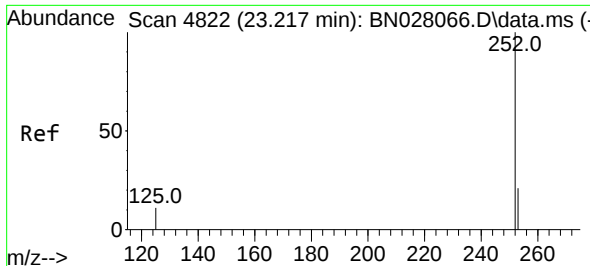


#22
Chrysene
Concen: 8.902 ng/u1
RT: 21.565 min Scan# 4257
Delta R.T. 0.008 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19



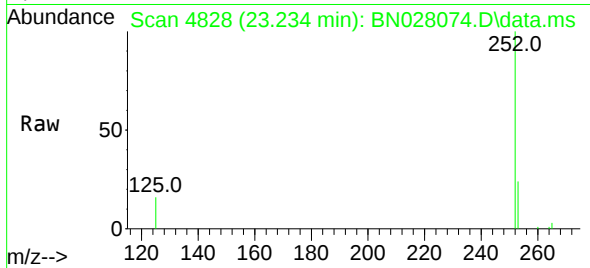
Tgt Ion:228 Resp: 416320
Ion Ratio Lower Upper
228 100
226 30.8 23.8 35.8
229 22.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 8.861 ng/ul m
RT: 23.234 min Scan# 4828
Delta R.T. 0.017 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19

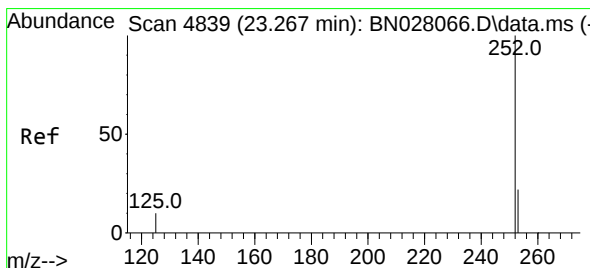
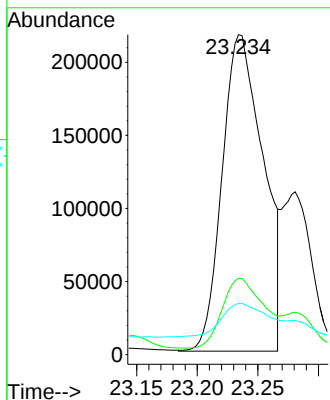
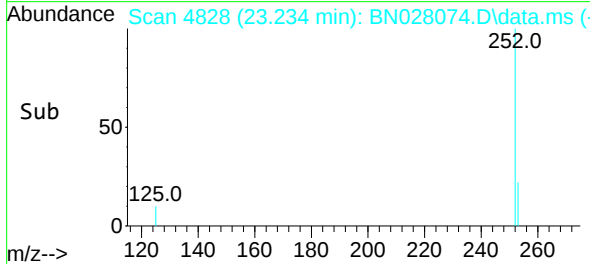
Instrument :
BNA_N
ClientSampleId :
EZYMO



Tgt Ion:252 Resp: 51021
Ion Ratio Lower Upper
252 100
253 23.8 0.0 54.0
125 16.0 0.0 31.4

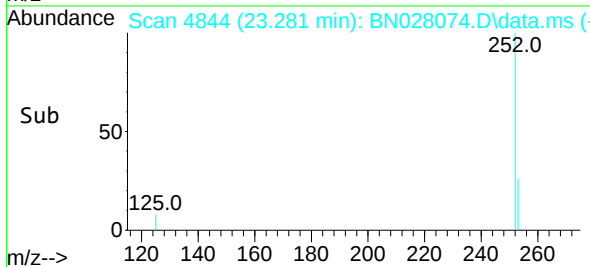
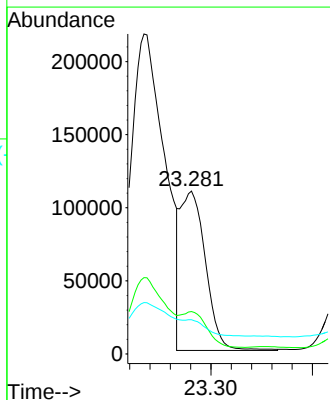
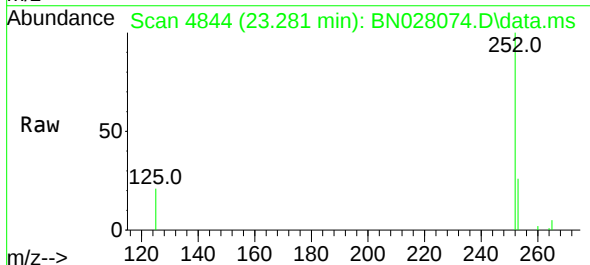
Manual Integrations
APPROVED

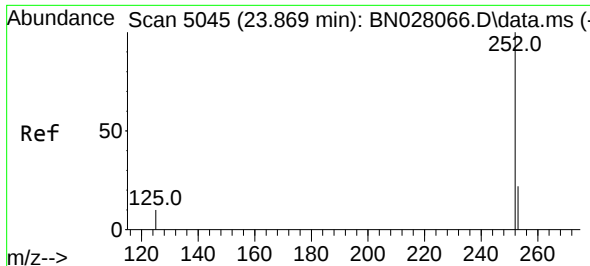
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#25
Benzo(k)fluoranthene
Concen: 3.291 ng/ul m
RT: 23.281 min Scan# 4844
Delta R.T. 0.014 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19

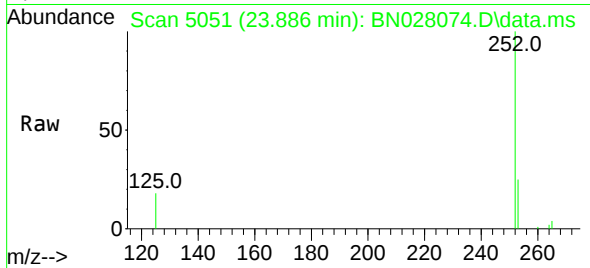
Tgt Ion:252 Resp: 188568
Ion Ratio Lower Upper
252 100
253 26.0 21.8 32.8
125 21.0 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 6.549 ng/ul
RT: 23.886 min Scan# 5045
Delta R.T. 0.017 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19

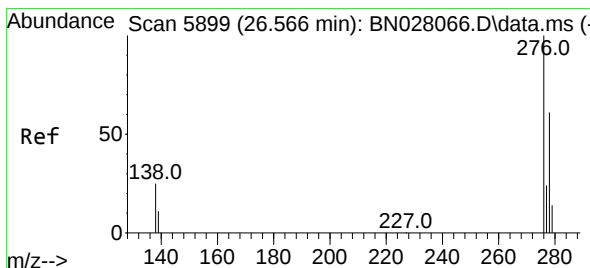
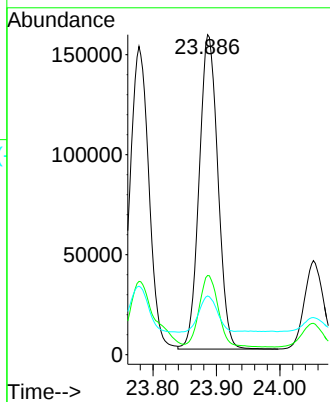
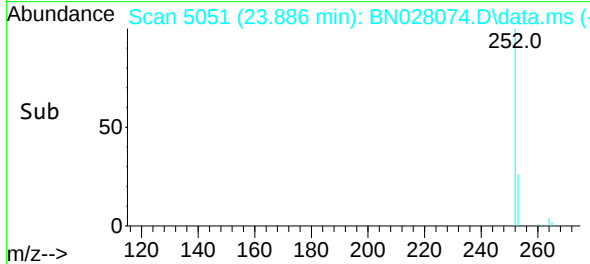
Instrument :
BNA_N
ClientSampleId :
EZYMO



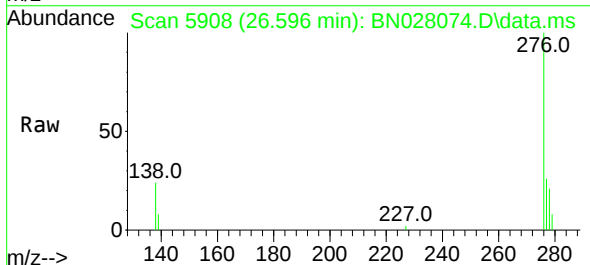
Tgt Ion:252 Resp: 321520
Ion Ratio Lower Upper
252 100
253 24.7 23.4 35.2
125 18.3 15.3 22.9

Manual Integrations
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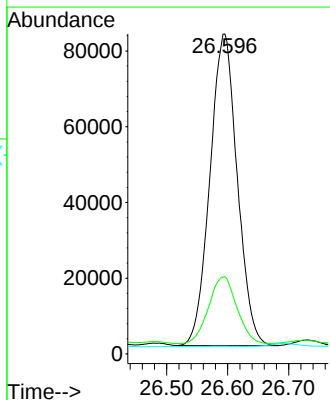
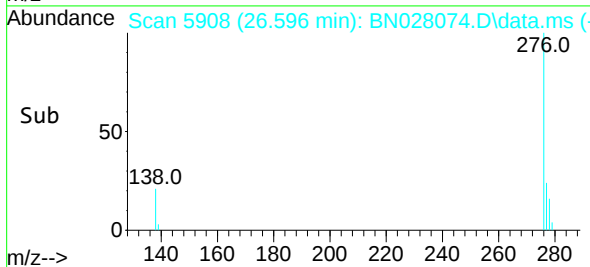
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

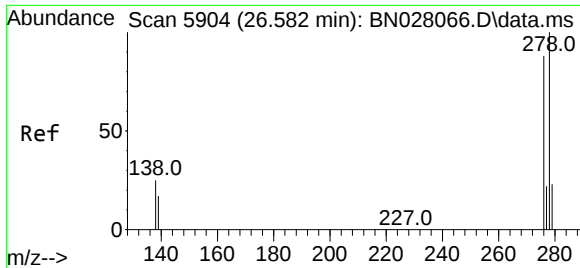


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.306 ng/ul
RT: 26.596 min Scan# 5908
Delta R.T. 0.030 min
Lab File: BN028074.D
Acq: 06 Oct 2023 07:19



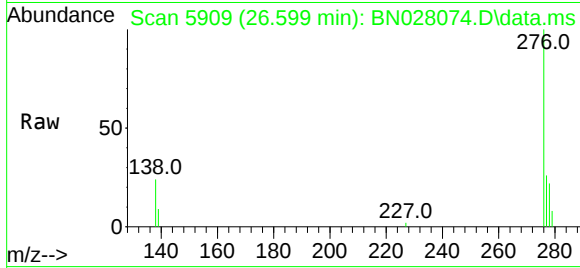
Tgt Ion:276 Resp: 255787
Ion Ratio Lower Upper
276 100
138 22.2 21.6 32.4
227 0.1 0.2 0.2





#28
 Dibenzo(a,h)anthracene
 Concen: 1.545 ng/ul
 RT: 26.599 min Scan# 5909
 Delta R.T. 0.016 min
 Lab File: BN028074.D
 Acq: 06 Oct 2023 07:19

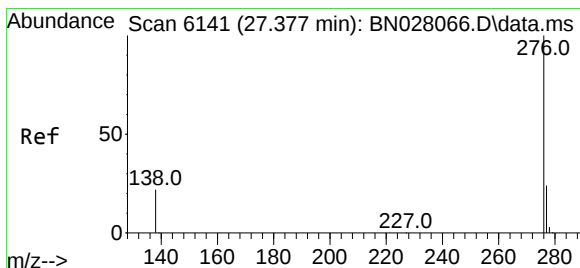
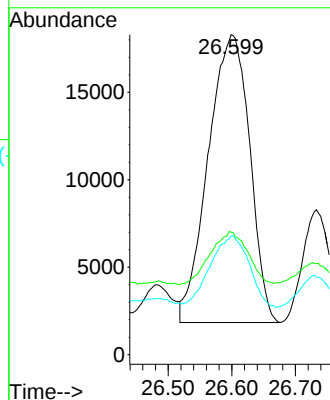
Instrument :
 BNA_N
 ClientSampleId :
 EYZM0



Tgt Ion:278 Resp: 74659
 Ion Ratio Lower Upper
 278 100
 139 38.3 15.9 23.9
 279 37.1 22.8 34.2

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Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023



#29
 Benzo(g,h,i)perylene
 Concen: 5.998 ng/ul
 RT: 27.410 min Scan# 6151
 Delta R.T. 0.033 min
 Lab File: BN028074.D
 Acq: 06 Oct 2023 07:19

Tgt Ion:276 Resp: 291307
 Ion Ratio Lower Upper
 276 100
 138 25.1 19.8 29.6
 277 25.6 20.6 31.0

