

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025384.D
 Acq On : 10 May 2023 17:19
 Operator : CG/JU
 Sample : 02479-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW974

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2023
 Supervised By : Jagrut Upadhyay 05/11/2023

Quant Time: May 11 02:08:47 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 02:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	7911	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	26082	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	16253	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	33917	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	23207	0.400	ng/ul	# 0.00
23) Perylene-d12	23.935	264	28668	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	17693	2.160	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	5864	0.175	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	14704	0.240	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.754	128	148981	2.229	ng/ul	100
7) 2-Methylnaphthalene	12.371	142	71939	1.758	ng/ul	100
8) 1-Methylnaphthalene	12.591	142	66910	1.534	ng/ul	99
10) Acenaphthylene	14.270	152	71550	1.182	ng/ul	98
11) Acenaphthene	14.607	153	423863	8.305	ng/ul	98
12) Fluorene	15.597	166	474364	8.314	ng/ul	99
15) Phenanthrene	17.343	178	7076501	73.917	ng/ul	99
16) Anthracene	17.431	178	1798950	22.970	ng/ul	99
19) Fluoranthene	19.368	202	10420323	124.168	ng/ul	96
20) Pyrene	19.731	202	8970703	104.040	ng/ul	96
21) Benzo(a)anthracene	21.482	228	4036185	57.716	ng/ul	97
22) Chrysene	21.538	228	3991867	52.328	ng/ul	97
24) Benzo(b)fluoranthene	23.198	252	4771203m	41.022	ng/ul	
25) Benzo(k)fluoranthene	23.236	252	1702754m	15.220	ng/ul	
26) Benzo(a)pyrene	23.832	252	3415294	35.490	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.474	276	2369440	21.370	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.480	278	557197	6.434	ng/ul	98
29) Benzo(g,h,i)perylene	27.259	276	1960208	20.792	ng/ul	99

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

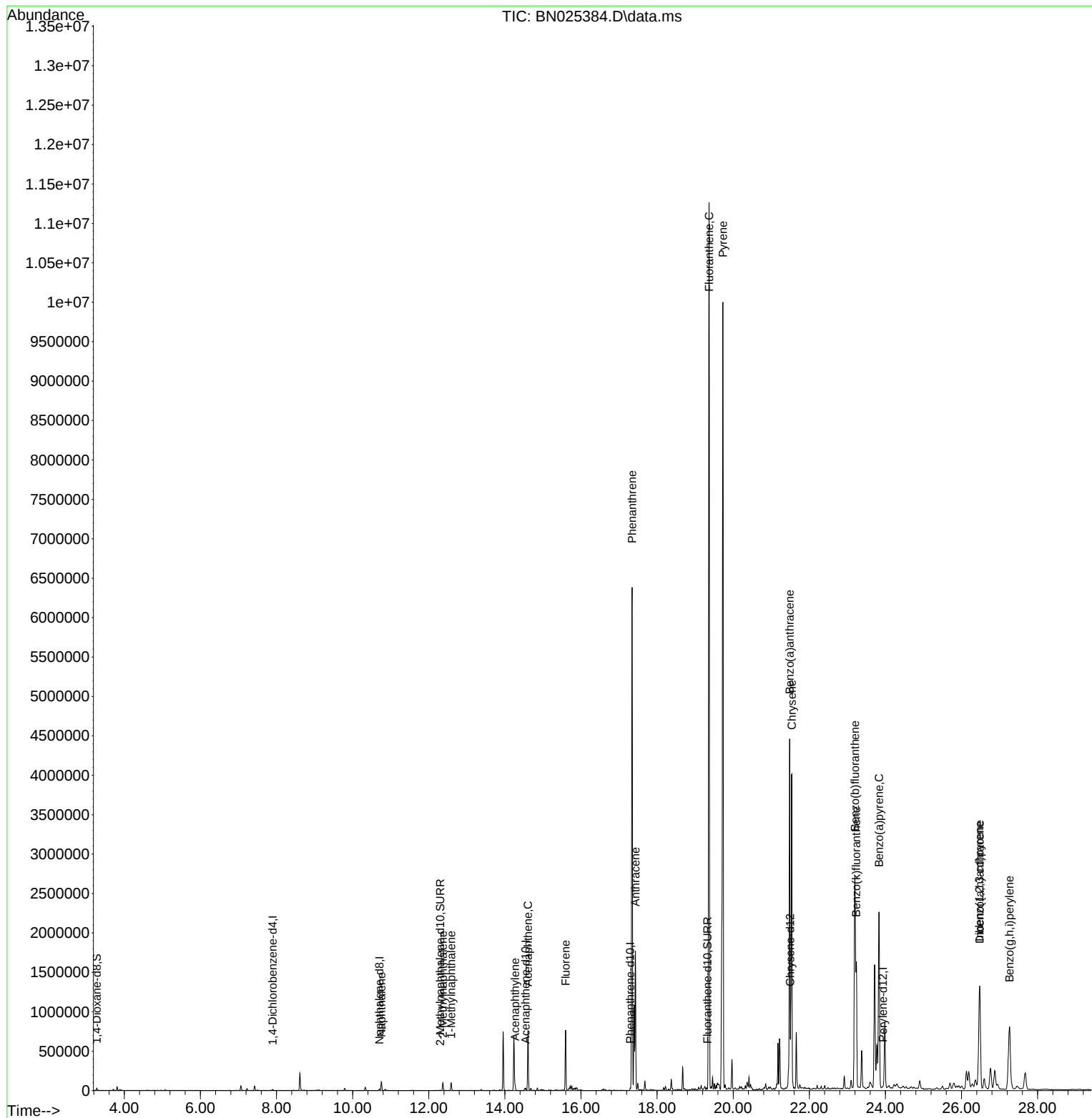
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
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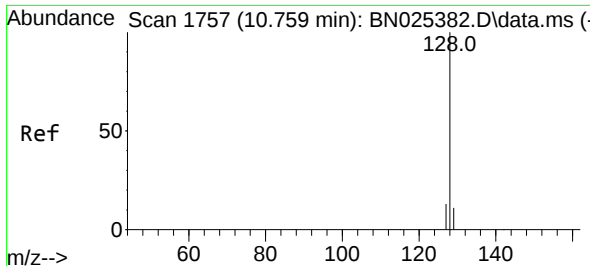
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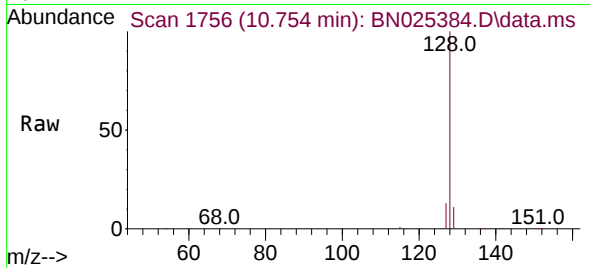
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023





#5
Naphthalene
Concen: 2.229 ng/ul
RT: 10.754 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

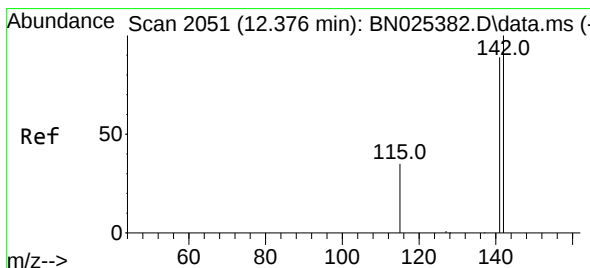
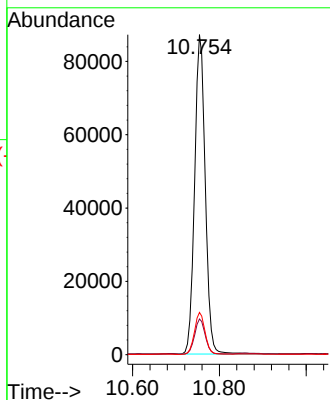
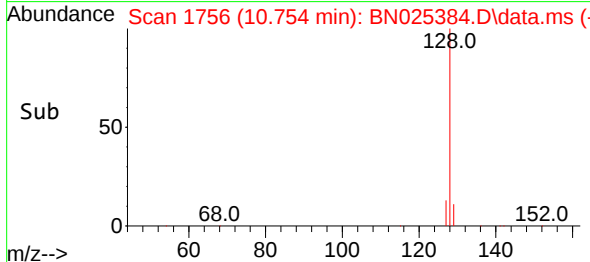
Instrument :
BNA_N
ClientSampleId :
EW974



Tgt Ion:128 Resp: 14898
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.2 10.7 16.1

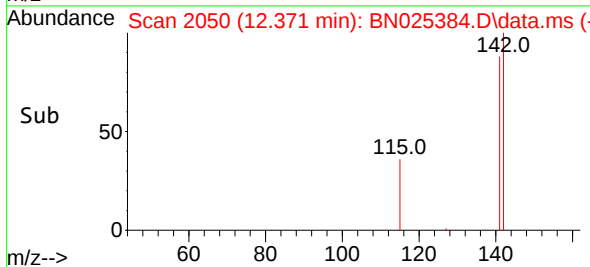
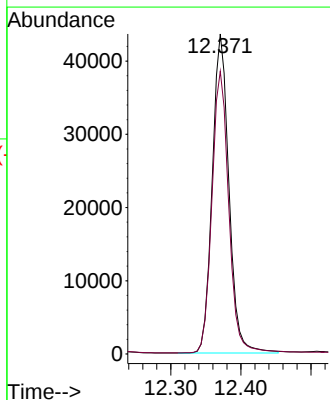
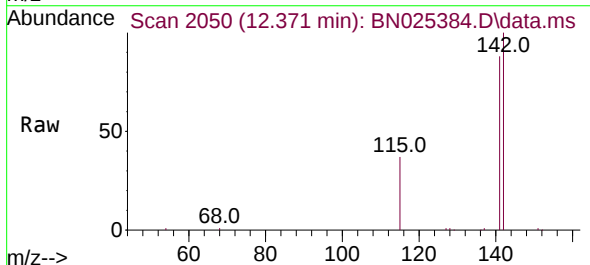
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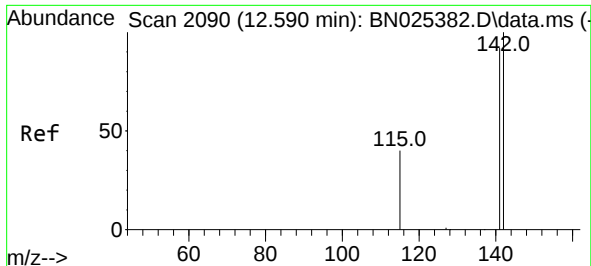
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#7
2-Methylnaphthalene
Concen: 1.758 ng/ul
RT: 12.371 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

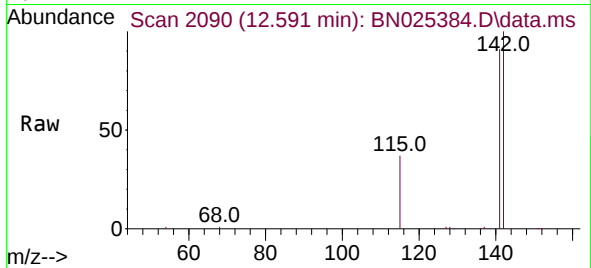
Tgt Ion:142 Resp: 71939
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0





#8
1-Methylnaphthalene
Concen: 1.534 ng/ul
RT: 12.591 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

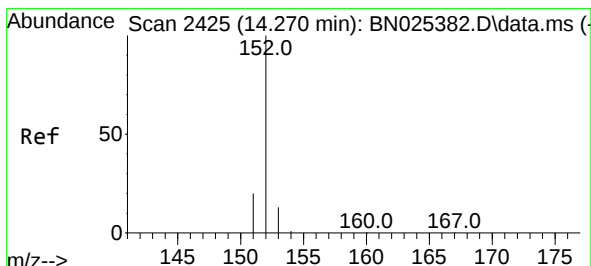
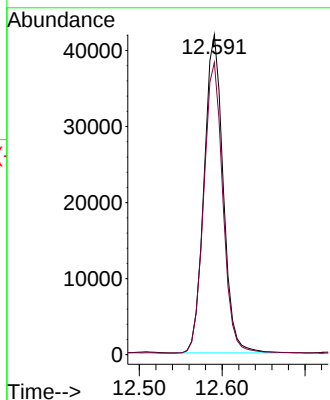
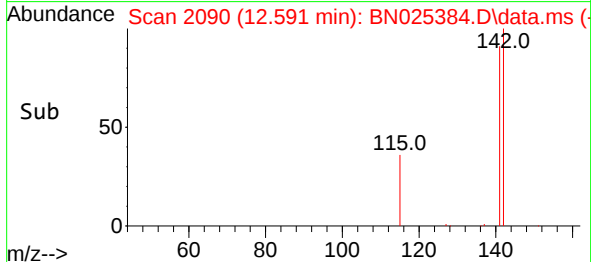
Instrument :
BNA_N
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EW974



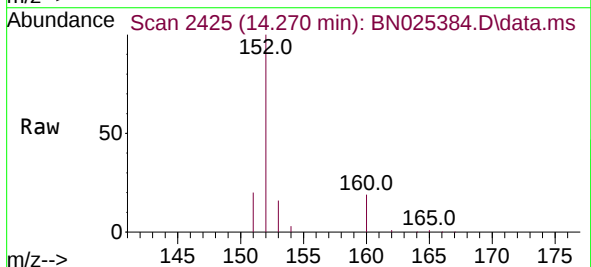
Tgt Ion:142 Resp: 66910
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.6

Manual Integrations
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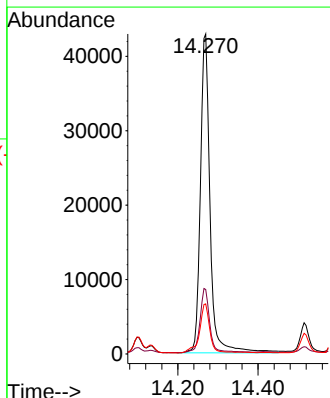
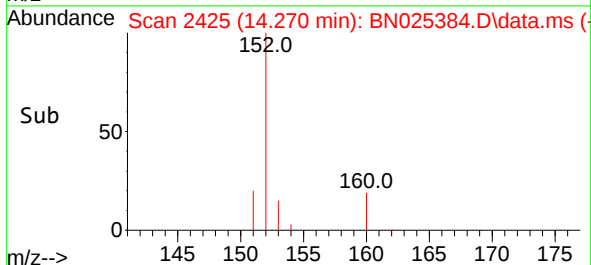
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

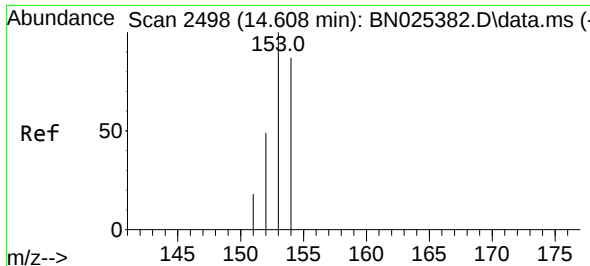


#10
Acenaphthylene
Concen: 1.182 ng/ul
RT: 14.270 min Scan# 2425
Delta R.T. -0.001 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19



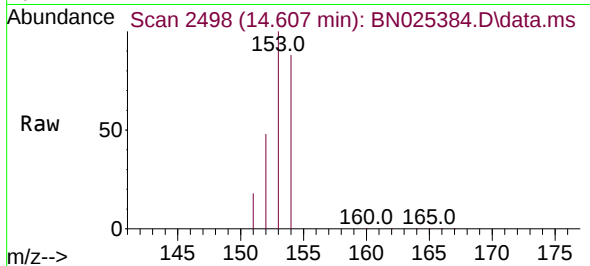
Tgt Ion:152 Resp: 71550
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 15.7 10.8 16.2





#11
Acenaphthene
Concen: 8.305 ng/u1
RT: 14.607 min Scan# 2498
Delta R.T. -0.001 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

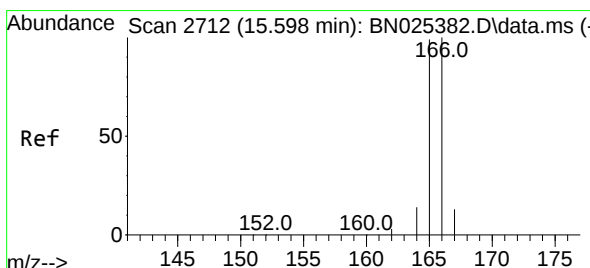
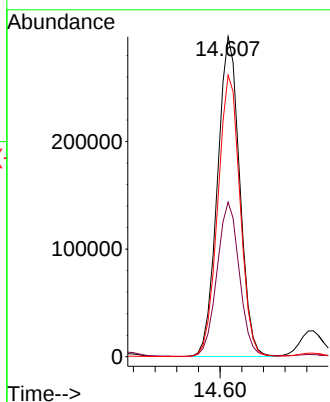
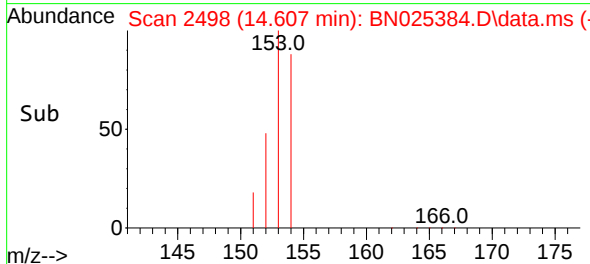
Instrument :
BNA_N
ClientSampleId :
EW974



Tgt Ion:153 Resp: 42386
Ion Ratio Lower Upper
153 100
152 48.3 40.2 60.4
154 88.0 69.4 104.2

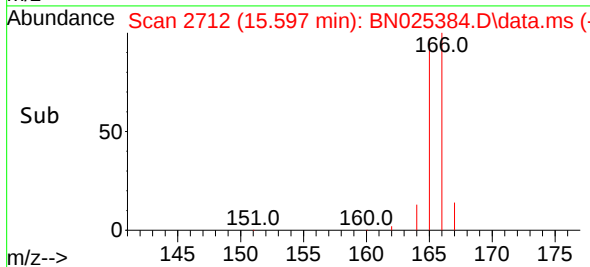
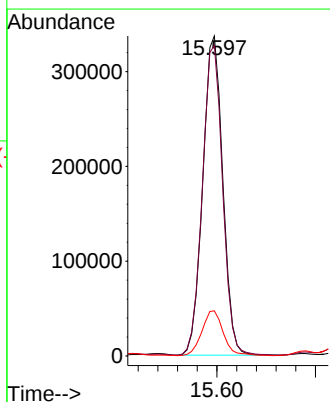
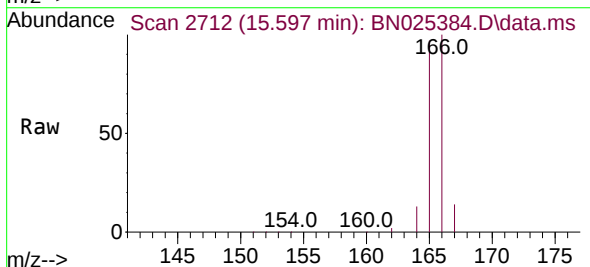
Manual Integrations
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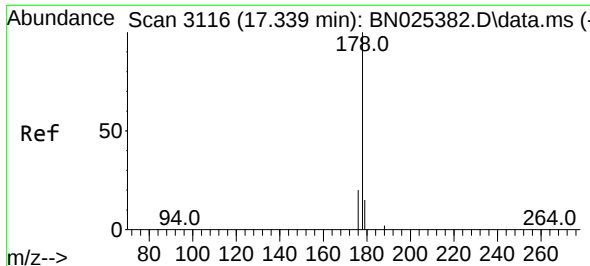
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#12
Fluorene
Concen: 8.314 ng/u1
RT: 15.597 min Scan# 2712
Delta R.T. -0.001 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

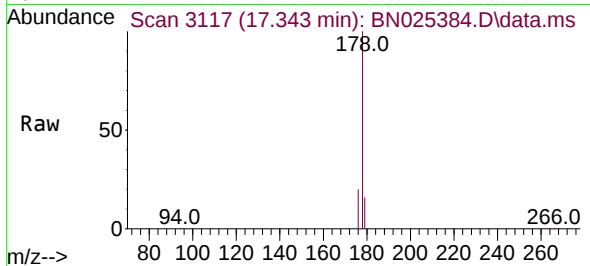
Tgt Ion:166 Resp: 474364
Ion Ratio Lower Upper
166 100
165 97.0 78.1 117.1
167 14.1 11.0 16.6





#15
Phenanthrene
Concen: 73.917 ng/ul
RT: 17.343 min Scan# 3116
Delta R.T. 0.003 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

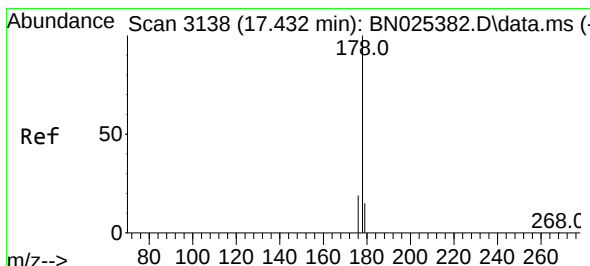
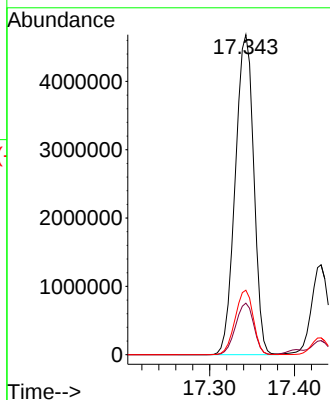
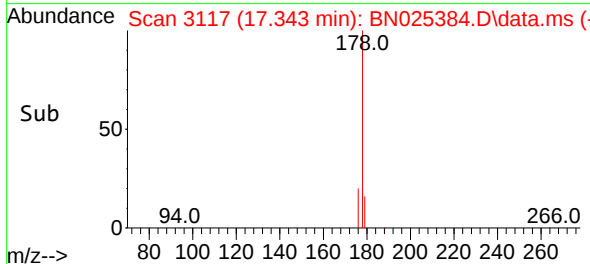
Instrument :
BNA_N
ClientSampleId :
EW974



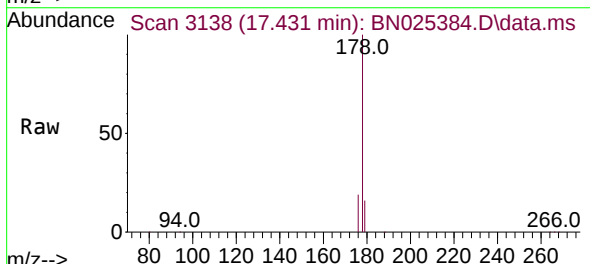
Tgt Ion:178 Resp: 707650
Ion Ratio Lower Upper
178 100
179 16.1 12.5 18.7
176 20.1 15.6 23.4

Manual Integrations
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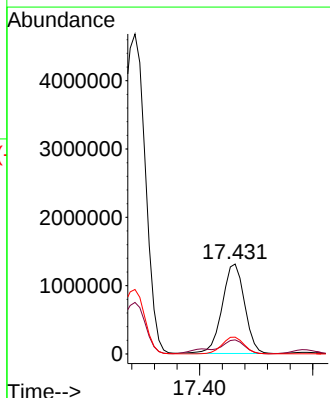
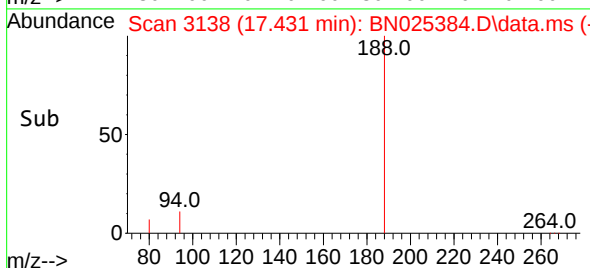
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

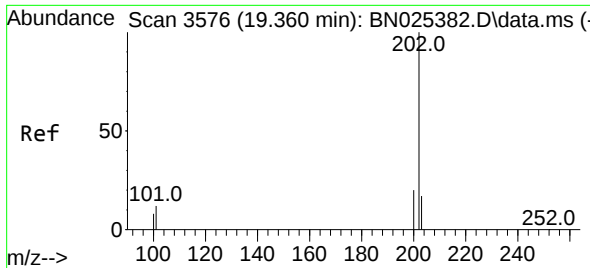


#16
Anthracene
Concen: 22.970 ng/ul
RT: 17.431 min Scan# 3138
Delta R.T. -0.001 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19



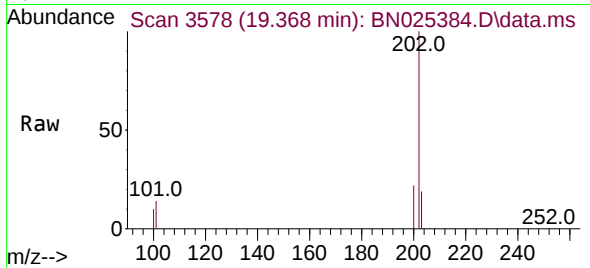
Tgt Ion:178 Resp: 1798950
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 18.7 15.3 22.9





#19
Fluoranthene
Concen: 124.168 ng/ul
RT: 19.368 min Scan# 3576
Delta R.T. 0.009 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

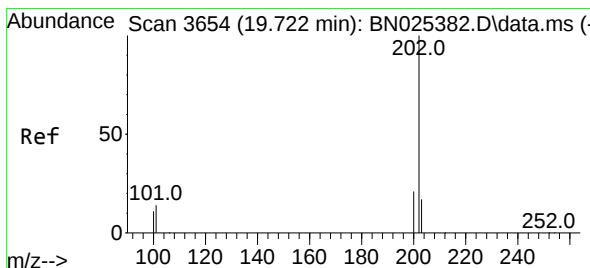
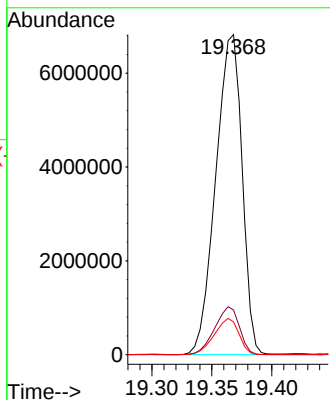
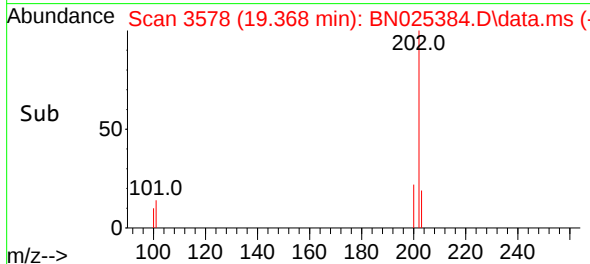
Instrument :
BNA_N
ClientSampleId :
EW974



Tgt Ion:202 Resp:1042032
Ion Ratio Lower Upper
202 100
101 14.0 9.7 14.5
100 10.2 7.3 10.9

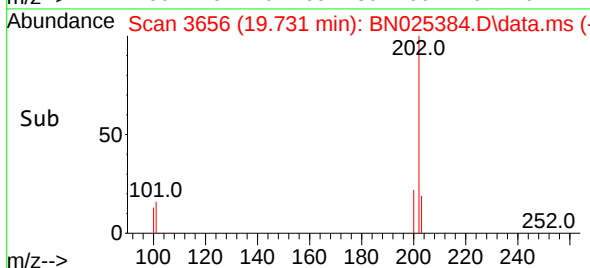
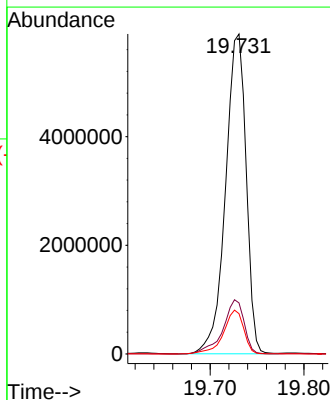
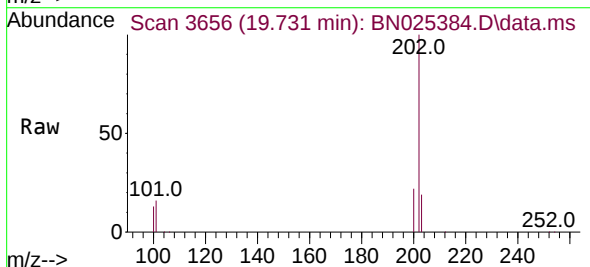
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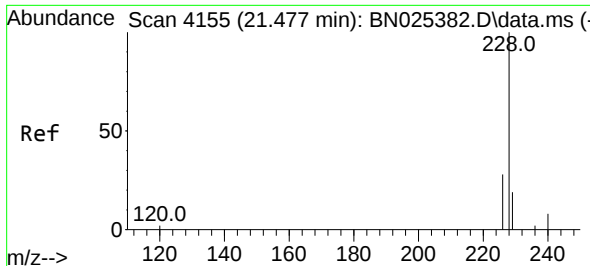
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#20
Pyrene
Concen: 104.040 ng/ul
RT: 19.731 min Scan# 3656
Delta R.T. 0.009 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

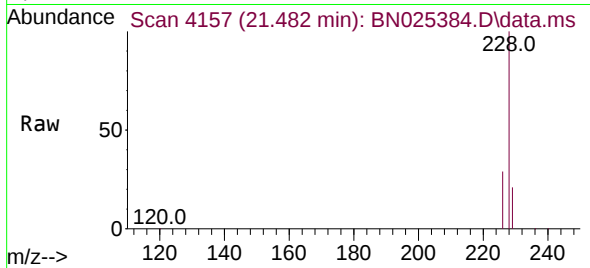
Tgt Ion:202 Resp: 8970703
Ion Ratio Lower Upper
202 100
101 15.9 11.3 16.9
100 12.6 9.2 13.8





#21
Benzo(a)anthracene
Concen: 57.716 ng/u1
RT: 21.482 min Scan# 4155
Delta R.T. 0.005 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

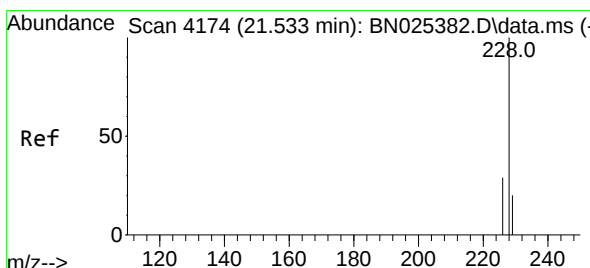
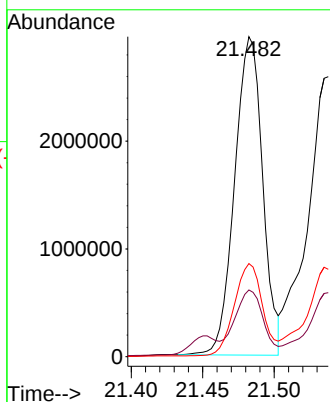
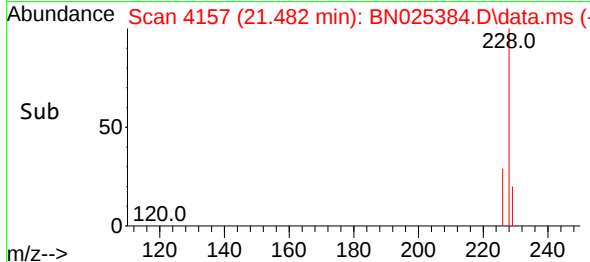
Instrument :
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ClientSampleId :
EW974



Tgt Ion:228 Resp: 4036185
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 29.1 22.1 33.1

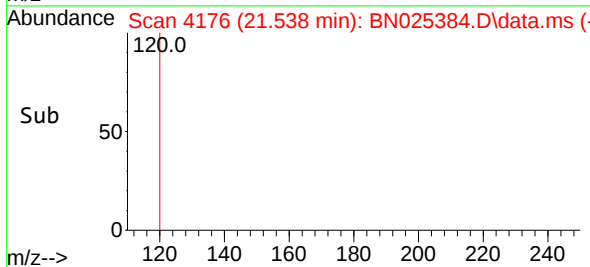
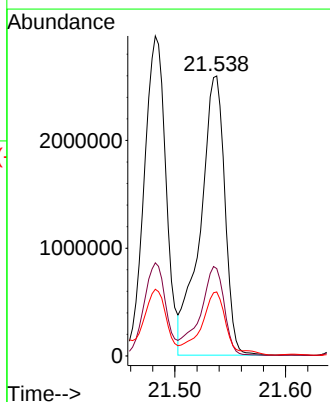
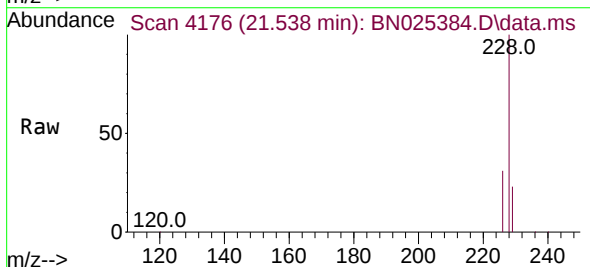
Manual Integrations
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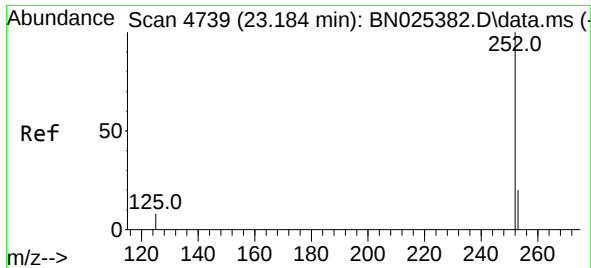
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#22
Chrysene
Concen: 52.328 ng/u1
RT: 21.538 min Scan# 4176
Delta R.T. 0.005 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

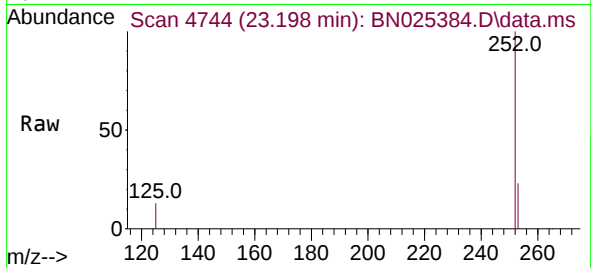
Tgt Ion:228 Resp: 3991867
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 22.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 41.022 ng/ul m
RT: 23.198 min Scan# 4744
Delta R.T. 0.014 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

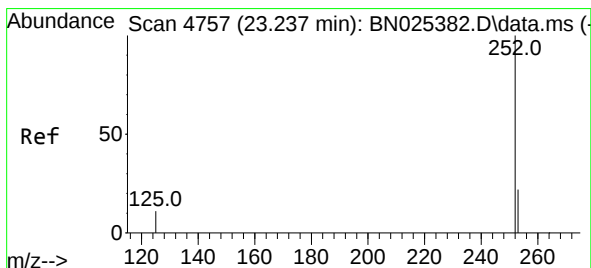
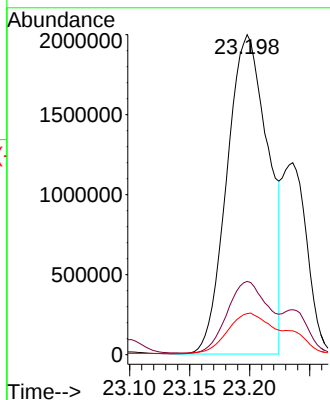
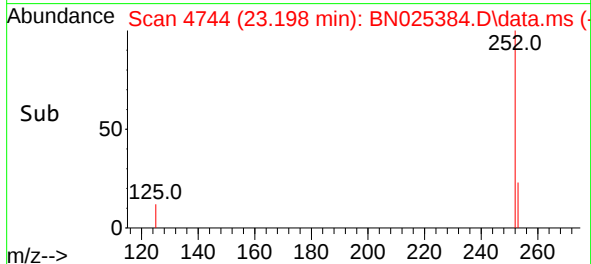
Instrument :
BNA_N
ClientSampleId :
EW974



Tgt Ion:252 Resp: 477120
Ion Ratio Lower Upper
252 100
253 22.9 0.0 50.2
125 12.9 0.0 30.4

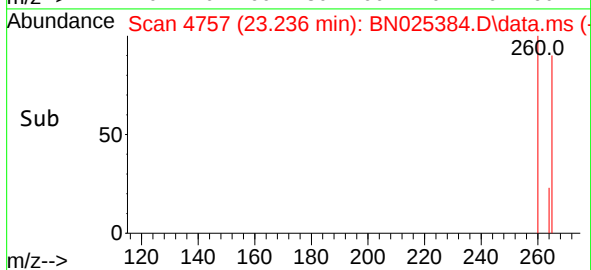
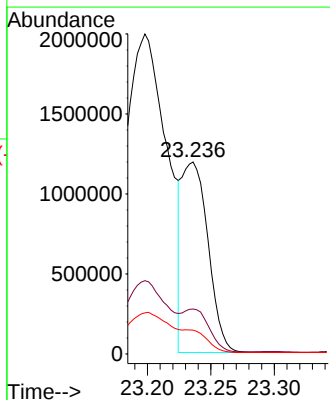
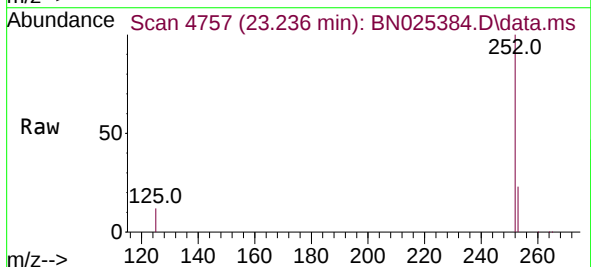
Manual Integrations
APPROVED

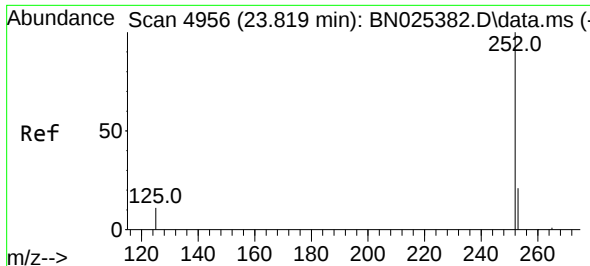
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#25
Benzo(k)fluoranthene
Concen: 15.220 ng/ul m
RT: 23.236 min Scan# 4757
Delta R.T. -0.001 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

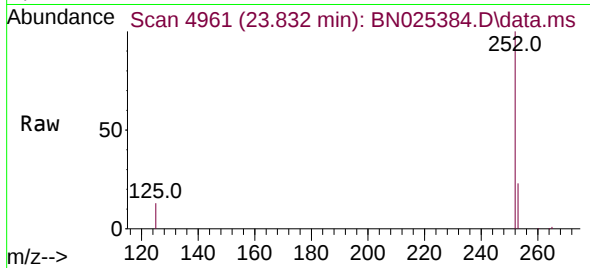
Tgt Ion:252 Resp: 1702754
Ion Ratio Lower Upper
252 100
253 23.4 20.2 30.4
125 12.4 11.8 17.8





#26
Benzo(a)pyrene
Concen: 35.490 ng/ul
RT: 23.832 min Scan# 4956
Delta R.T. 0.014 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

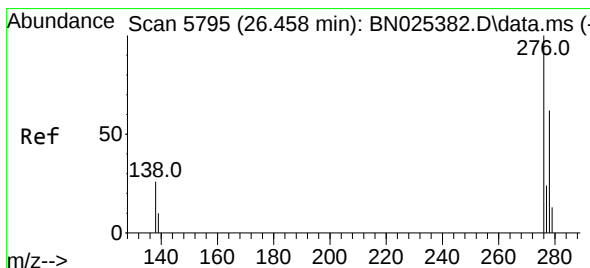
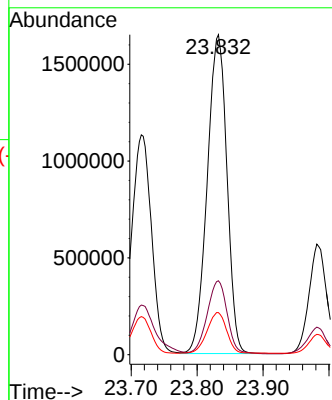
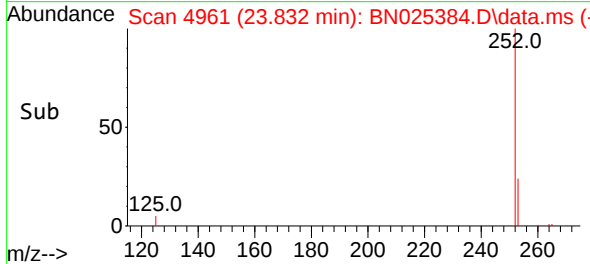
Instrument :
BNA_N
ClientSampleId :
EW974



Tgt Ion:252 Resp: 3415294
Ion Ratio Lower Upper
252 100
253 23.1 21.4 32.2
125 13.2 14.6 22.0

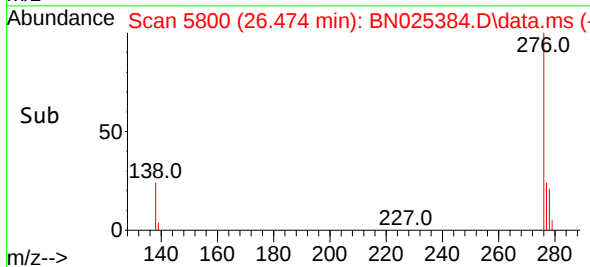
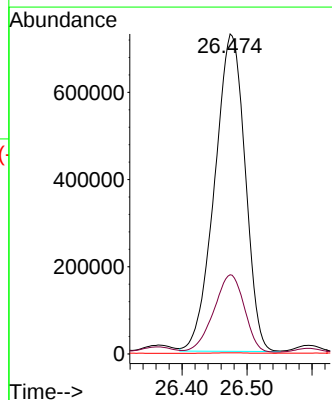
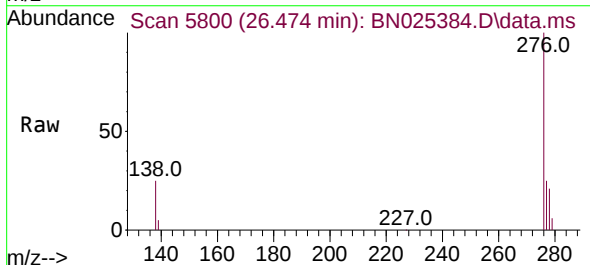
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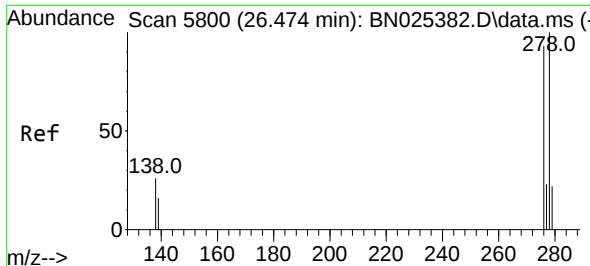
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 21.370 ng/ul
RT: 26.474 min Scan# 5800
Delta R.T. 0.016 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

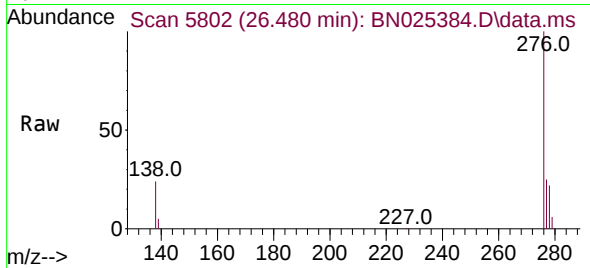
Tgt Ion:276 Resp: 2369440
Ion Ratio Lower Upper
276 100
138 24.5 21.9 32.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 6.434 ng/ul
RT: 26.480 min Scan# 5800
Delta R.T. 0.006 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

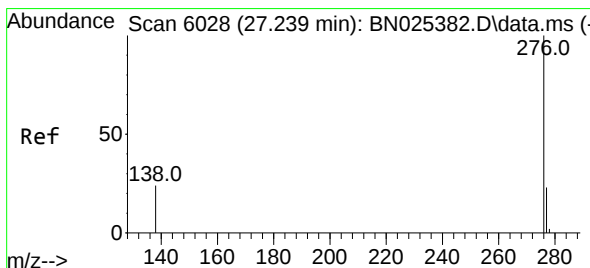
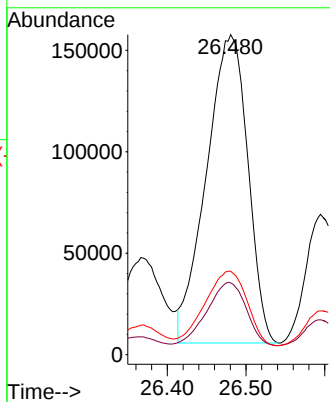
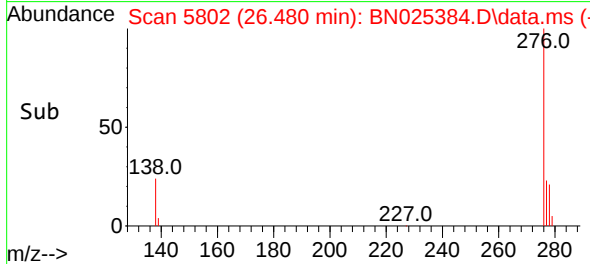
Instrument :
BNA_N
ClientSampleId :
EW974



Tgt Ion:278 Resp: 55719
Ion Ratio Lower Upper
278 100
139 22.5 17.0 25.6
279 26.1 21.8 32.8

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Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#29
Benzo(g,h,i)perylene
Concen: 20.792 ng/ul
RT: 27.259 min Scan# 6034
Delta R.T. 0.019 min
Lab File: BN025384.D
Acq: 10 May 2023 17:19

Tgt Ion:276 Resp: 1960208
Ion Ratio Lower Upper
276 100
138 25.2 20.3 30.5
277 24.2 19.8 29.6

