

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028874.D
 Acq On : 27 Nov 2023 11:39
 Operator : MA/JU
 Sample : 05261-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKQ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 28 03:50:49 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	7.698	152	6120	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.440	136	23784	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.293	164	10559	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.056	188	18757	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.269	240	17302	0.400	ng/ul	# 0.00
23) Perylene-d12	23.546	264	20046	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	16822	2.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	4325m	0.121	ng/ul	0.00
18) Fluoranthene-d10	19.089	212	8177	0.147	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.490	128	11606	0.174	ng/ul#	86
7) 2-Methylnaphthalene	12.151	142	3199m	0.073	ng/ul	
8) 1-Methylnaphthalene	12.338	142	1353	0.030	ng/ul	95
10) Acenaphthylene	14.011	152	4712	0.089	ng/ul#	72
11) Acenaphthene	14.358	153	6624	0.171	ng/ul	97
12) Fluorene	15.357	166	8086	0.179	ng/ul#	96
15) Phenanthrene	17.090	178	97144	1.686	ng/ul	99
16) Anthracene	17.182	178	25851	0.489	ng/ul#	91
19) Fluoranthene	19.117	202	181445	2.466	ng/ul	100
20) Pyrene	19.480	202	158159	2.074	ng/ul	98
21) Benzo(a)anthracene	21.252	228	94186	1.377	ng/ul#	92
22) Chrysene	21.304	228	62003	0.927	ng/ul#	93
24) Benzo(b)fluoranthene	22.859	252	111719m	1.485	ng/ul	
25) Benzo(k)fluoranthene	22.900	252	39921m	0.507	ng/ul	
26) Benzo(a)pyrene	23.441	252	76438	1.076	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.870	276	56255	0.714	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.884	278	12343	0.196	ng/ul#	53
29) Benzo(g,h,i)perylene	26.585	276	55598	0.861	ng/ul	95

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

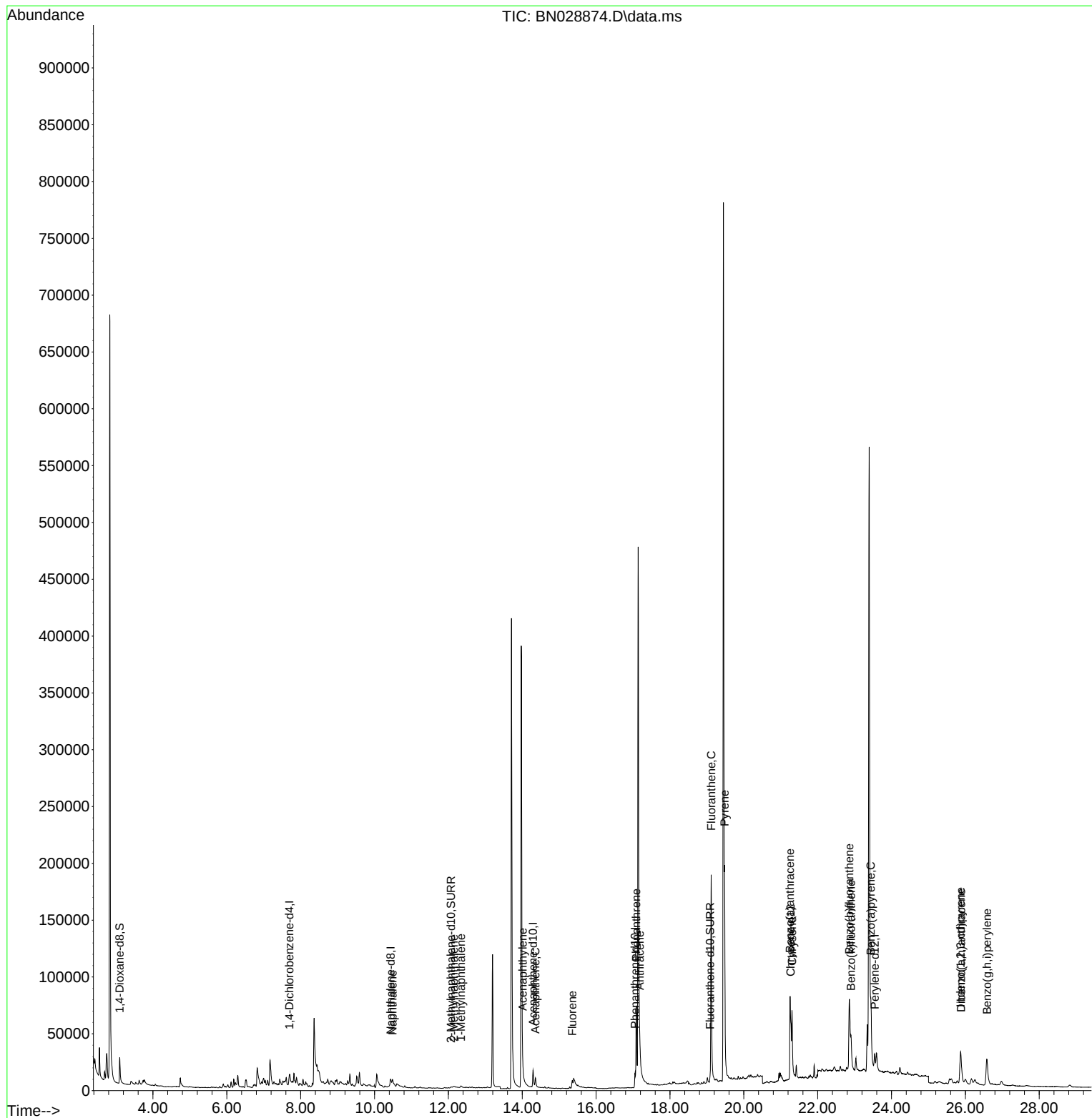
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028874.D
Acq On : 27 Nov 2023 11:39
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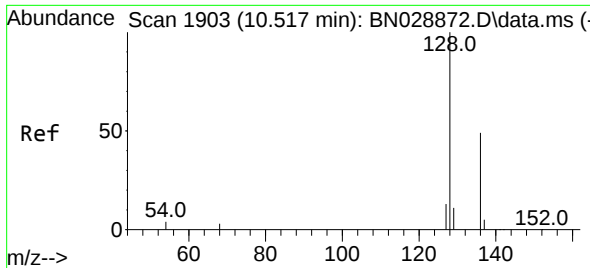
Instrument :
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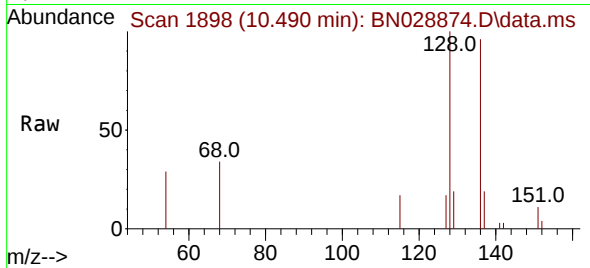
Quant Time: Nov 28 03:50:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.174 ng/ul
RT: 10.490 min Scan# 11
Delta R.T. -0.016 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39

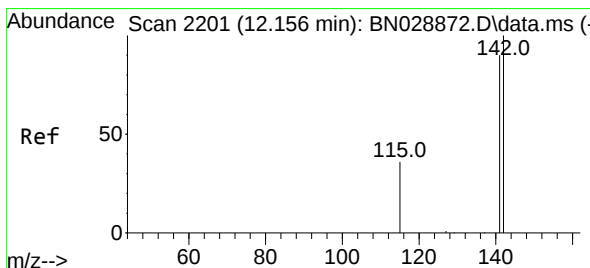
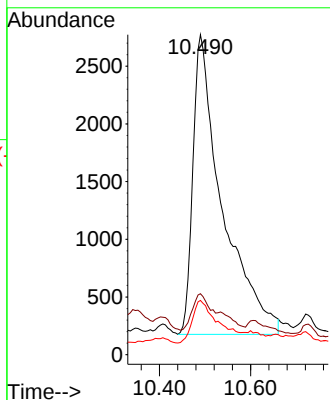
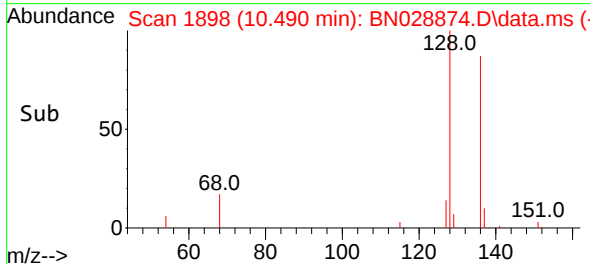
Instrument :
BNA_N
ClientSampleId :
DCKQ2



Tgt Ion:128 Resp: 11600
Ion Ratio Lower Upper
128 100
129 19.1 9.2 13.8
127 16.9 10.7 16.1

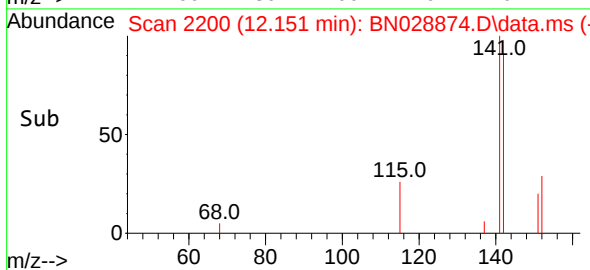
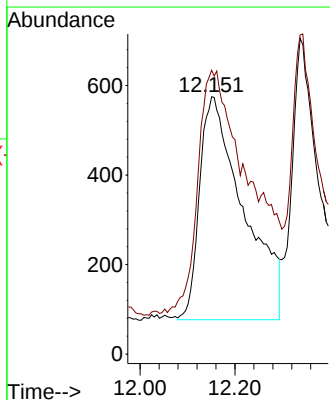
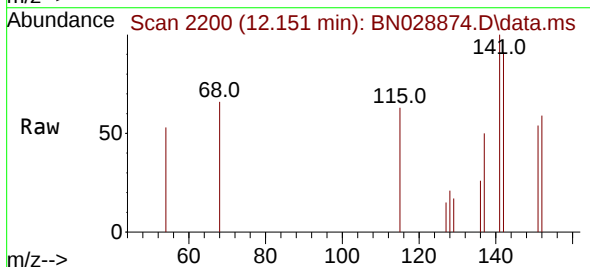
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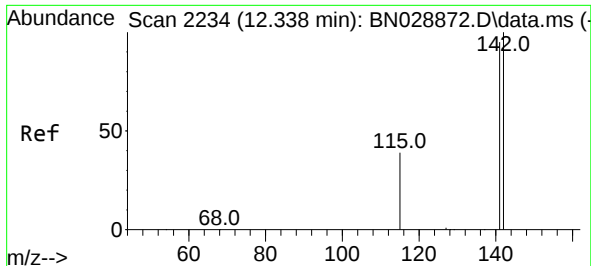
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#7
2-Methylnaphthalene
Concen: 0.073 ng/ul m
RT: 12.151 min Scan# 2200
Delta R.T. 0.011 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39

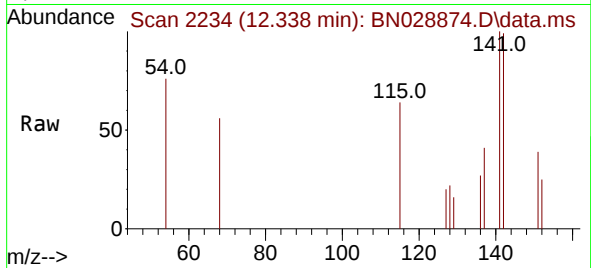
Tgt Ion:142 Resp: 3199
Ion Ratio Lower Upper
142 100
141 75.6 70.8 106.2





#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.338 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39

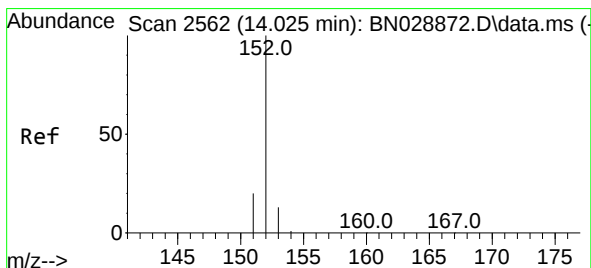
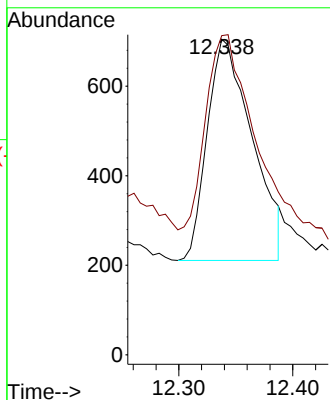
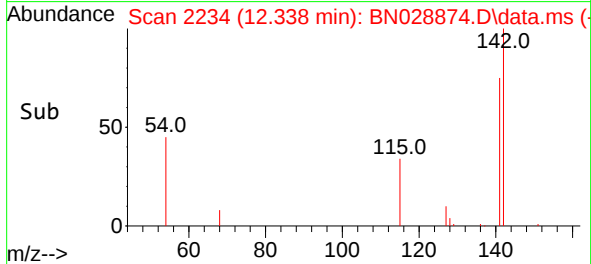
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 135
Ion Ratio Lower Upper
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141 88.2 74.1 111.1

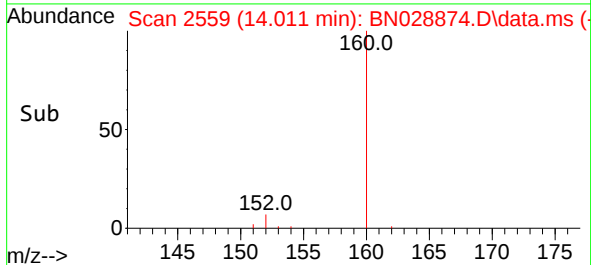
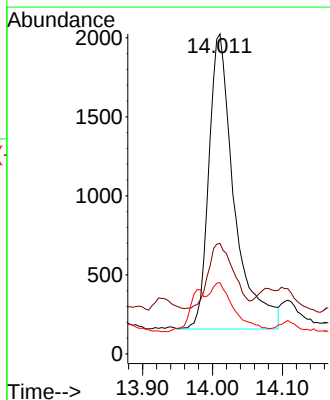
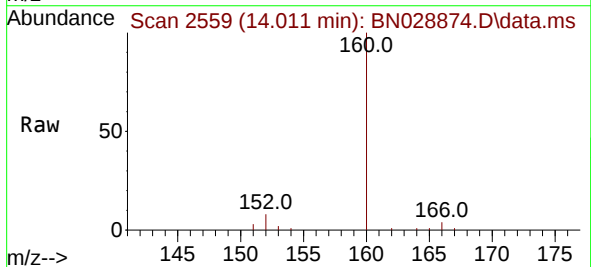
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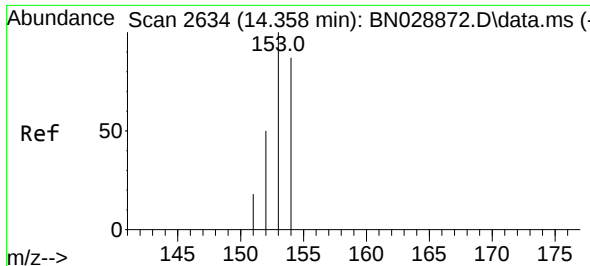
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 14.011 min Scan# 2559
Delta R.T. -0.015 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39

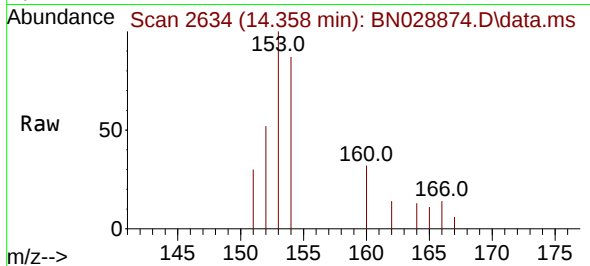
Tgt Ion:152 Resp: 4712
Ion Ratio Lower Upper
152 100
151 34.5 16.1 24.1#
153 22.3 10.6 15.8#





#11
Acenaphthene
Concen: 0.171 ng/ul
RT: 14.358 min Scan# 2634
Delta R.T. -0.005 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39

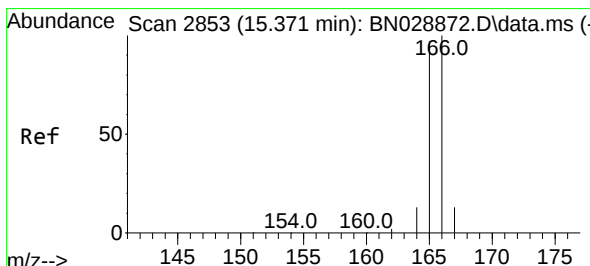
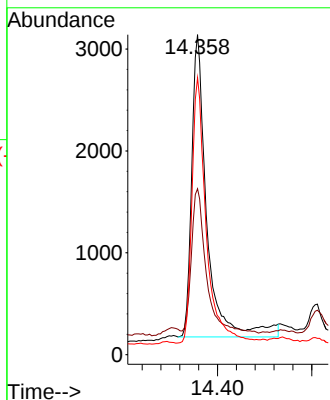
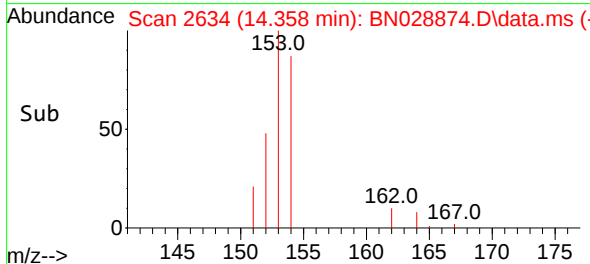
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 6624
Ion Ratio Lower Upper
153 100
152 51.9 39.6 59.4
154 86.6 71.0 106.6

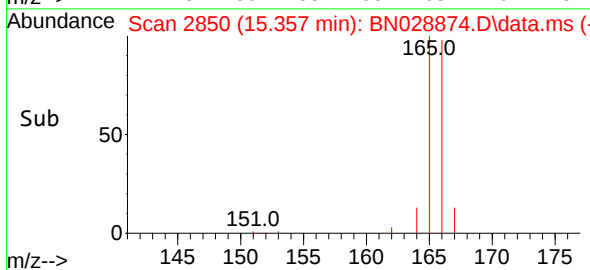
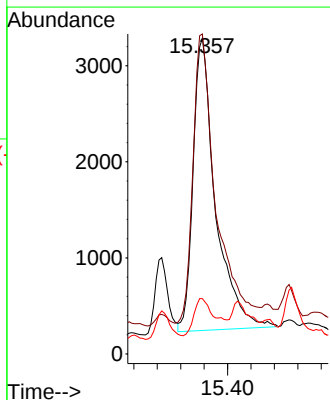
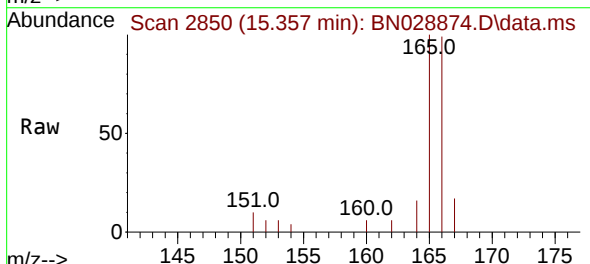
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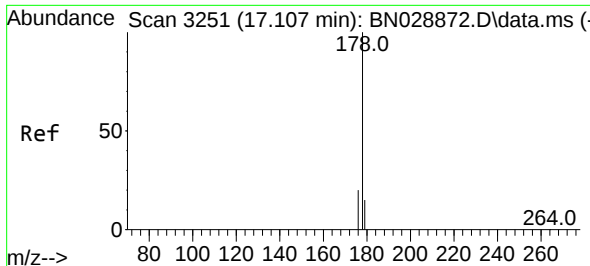
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#12
Fluorene
Concen: 0.179 ng/ul
RT: 15.357 min Scan# 2850
Delta R.T. -0.010 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39

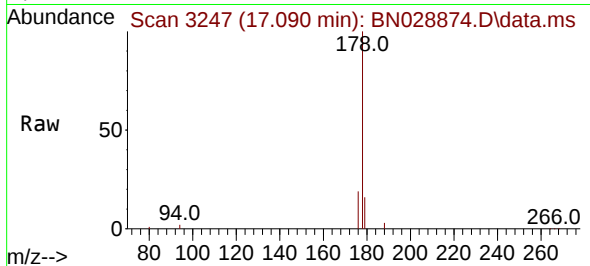
Tgt Ion:166 Resp: 8086
Ion Ratio Lower Upper
166 100
165 101.3 78.6 118.0
167 17.5 11.0 16.6#





#15
Phenanthrene
Concen: 1.686 ng/u1
RT: 17.090 min Scan# 31
Delta R.T. -0.013 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39

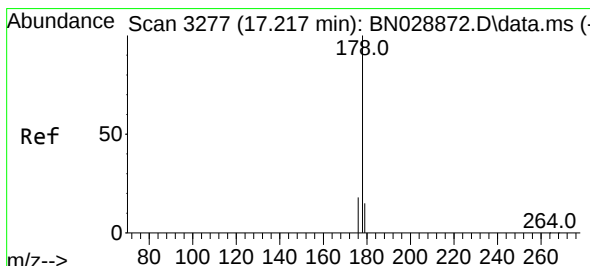
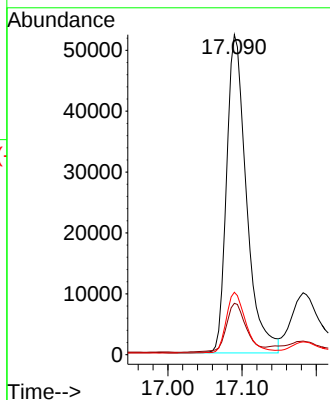
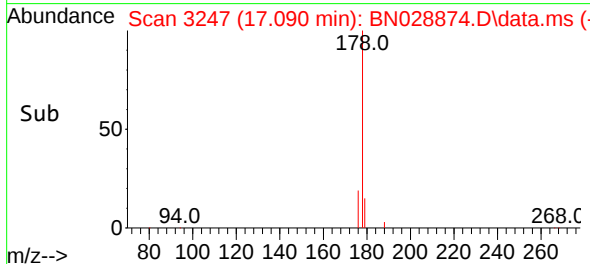
Instrument :
BNA_N
ClientSampleId :
DCKQ2



Tgt Ion:178 Resp: 97144
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.5 15.4 23.2

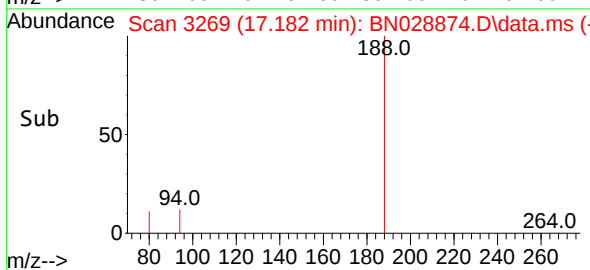
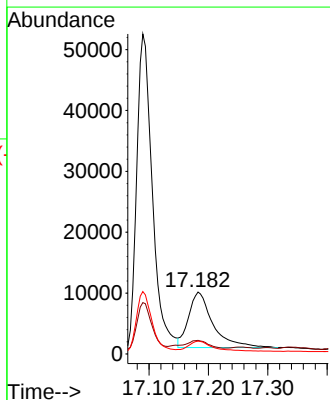
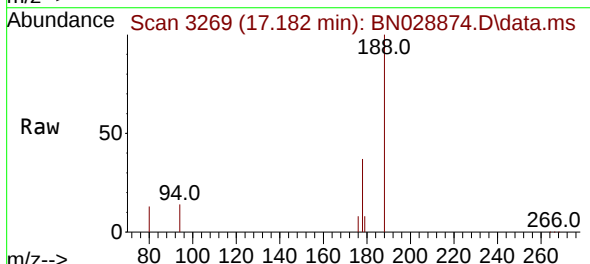
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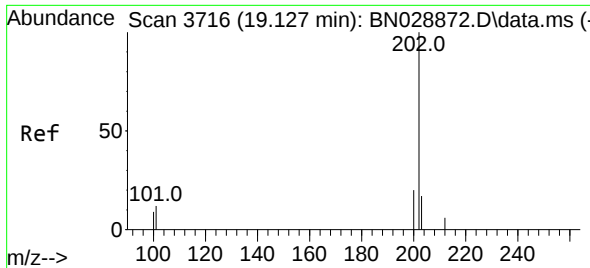
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#16
Anthracene
Concen: 0.489 ng/u1
RT: 17.182 min Scan# 3269
Delta R.T. -0.022 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39

Tgt Ion:178 Resp: 25851
Ion Ratio Lower Upper
178 100
179 22.1 12.6 18.8#
176 20.6 14.9 22.3





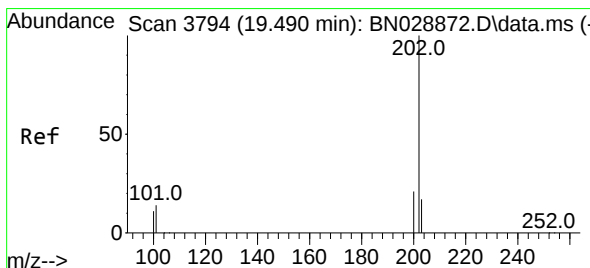
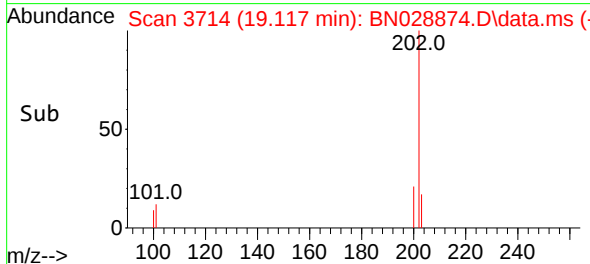
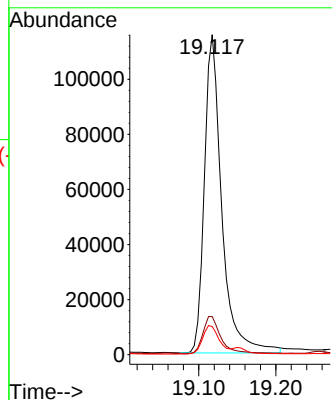
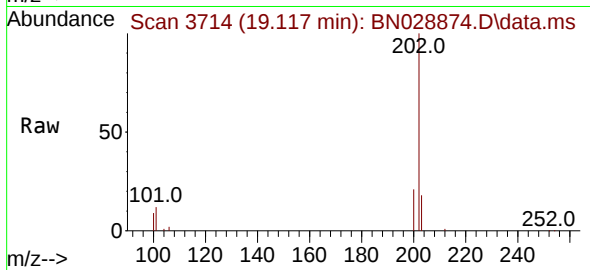
#19
Fluoranthene
Concen: 2.466 ng/u1
RT: 19.117 min Scan# 3714
Delta R.T. -0.005 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39

Instrument :
BNA_N
ClientSampleId :
DCKQ2

Tgt Ion:202 Resp: 18144
Ion Ratio Lower Upper
202 100
101 11.9 9.5 14.3
100 8.8 7.2 10.8

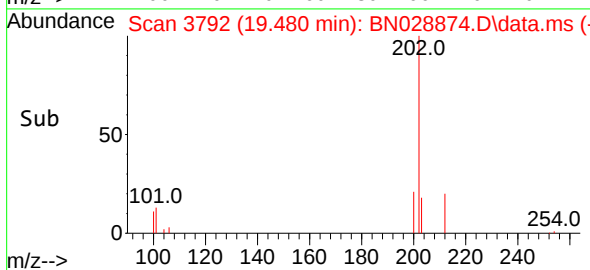
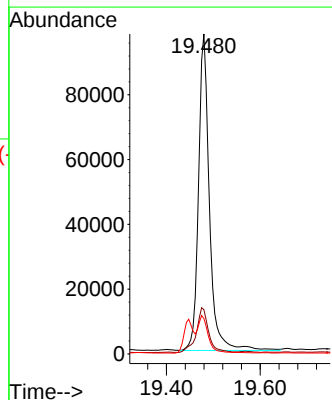
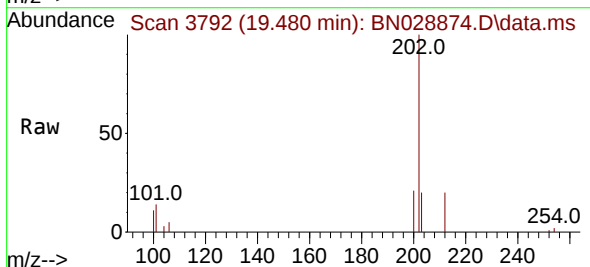
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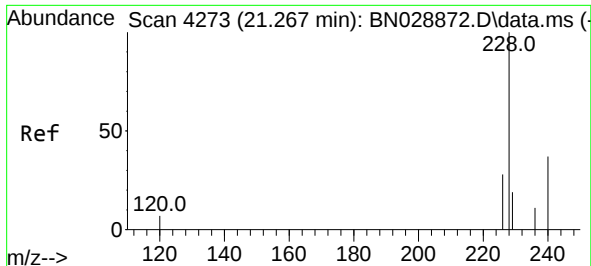
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#20
Pyrene
Concen: 2.074 ng/u1
RT: 19.480 min Scan# 3792
Delta R.T. -0.005 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39

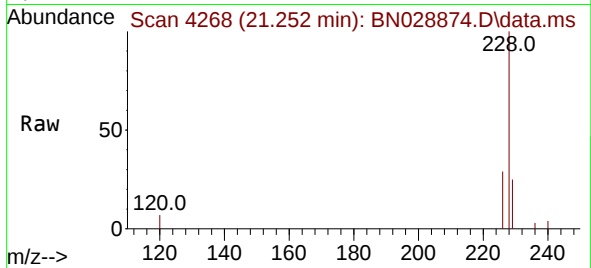
Tgt Ion:202 Resp: 158159
Ion Ratio Lower Upper
202 100
101 13.8 10.3 15.5
100 11.1 8.2 12.2





#21
Benzo(a)anthracene
Concen: 1.377 ng/ul
RT: 21.252 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39

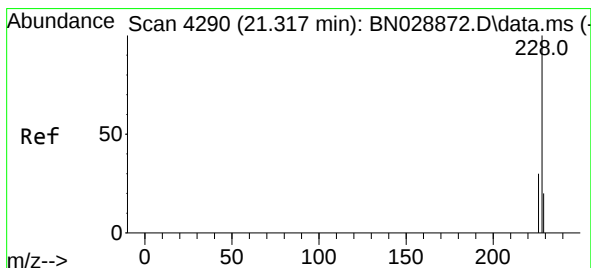
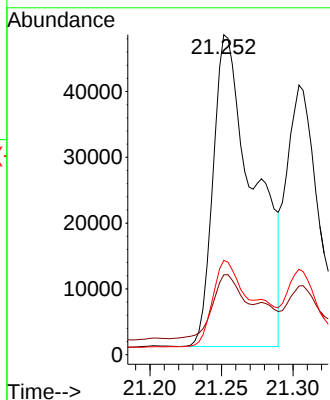
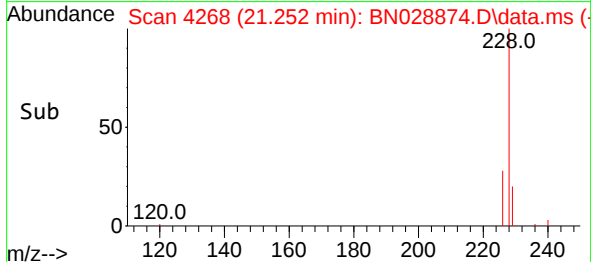
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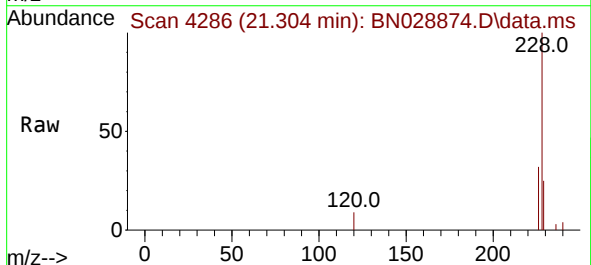
Tgt Ion:228 Resp: 94180
Ion Ratio Lower Upper
228 100
229 25.0 15.7 23.5
226 29.4 21.4 32.0

Manual Integrations
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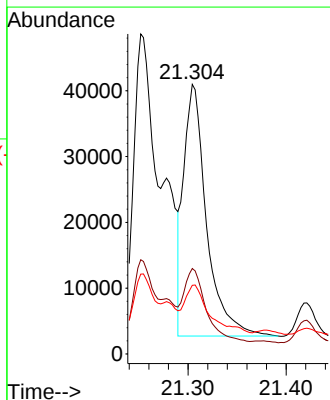
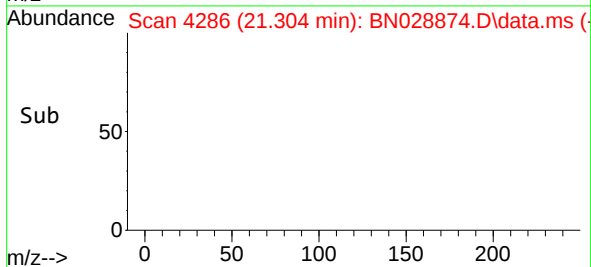
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

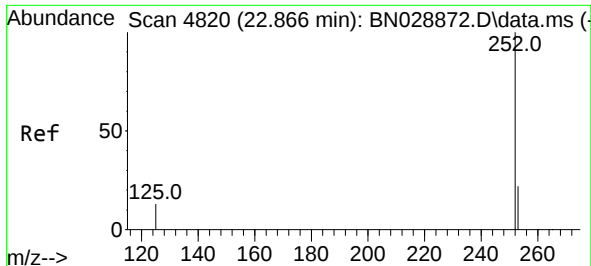


#22
Chrysene
Concen: 0.927 ng/ul
RT: 21.304 min Scan# 4286
Delta R.T. -0.001 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39



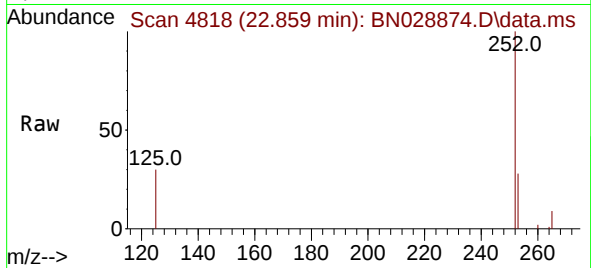
Tgt Ion:228 Resp: 62003
Ion Ratio Lower Upper
228 100
226 31.7 23.8 35.8
229 25.5 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 1.485 ng/ul m
RT: 22.859 min Scan# 4818
Delta R.T. 0.005 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39

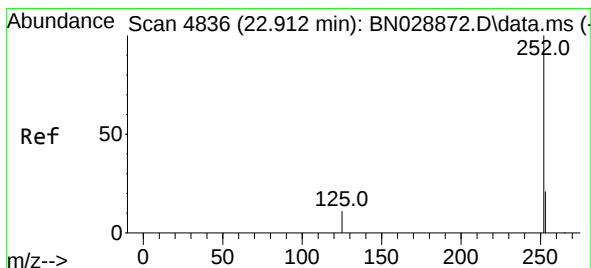
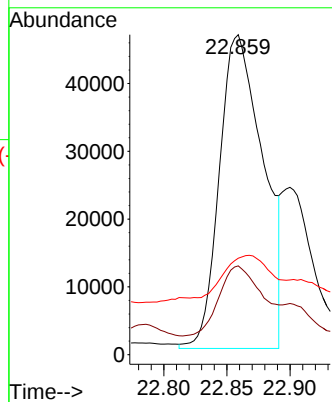
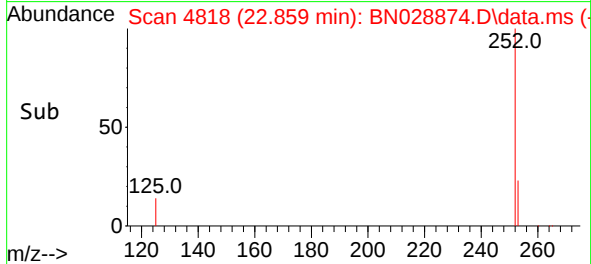
Instrument :
BNA_N
ClientSampleId :
DCKQ2



Tgt Ion:252 Resp: 111719
Ion Ratio Lower Upper
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253 27.7 0.0 46.6
125 30.1 0.0 27.6

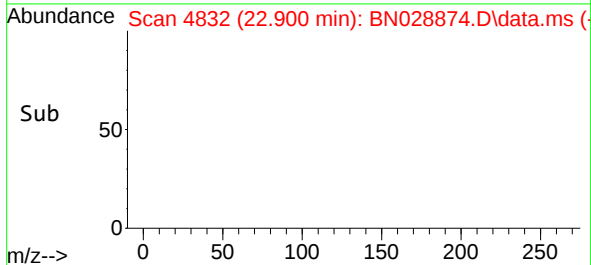
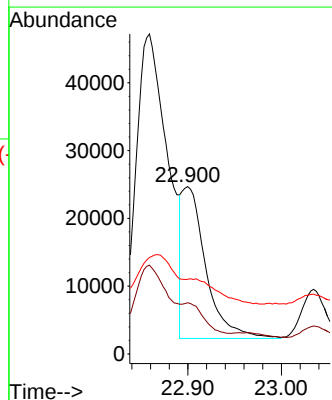
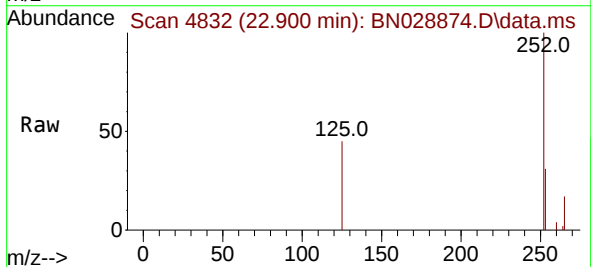
Manual Integrations
APPROVED

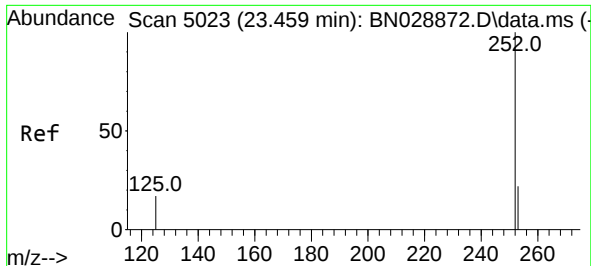
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.507 ng/ul m
RT: 22.900 min Scan# 4832
Delta R.T. -0.004 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39

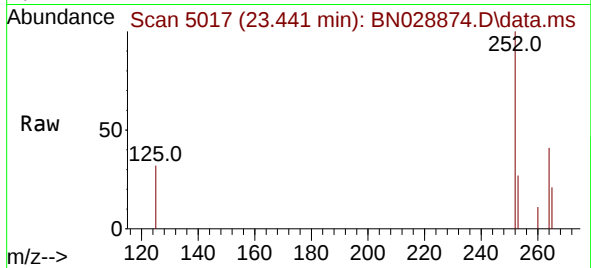
Tgt Ion:252 Resp: 39921
Ion Ratio Lower Upper
252 100
253 30.6 18.6 28.0#
125 44.7 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 1.076 ng/ul
RT: 23.441 min Scan# 5023
Delta R.T. -0.004 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39

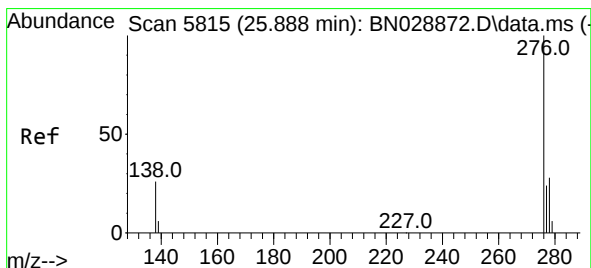
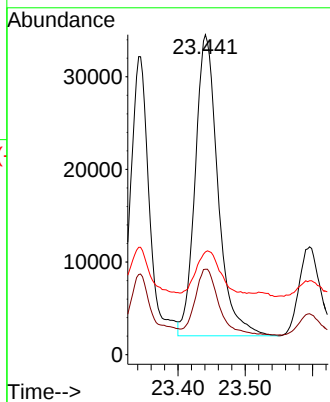
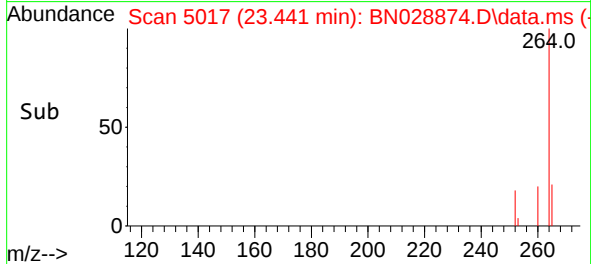
Instrument :
BNA_N
ClientSampleId :
DCKQ2



Tgt Ion:252 Resp: 76438
Ion Ratio Lower Upper
252 100
253 26.7 19.0 28.6
125 32.1 13.2 19.8

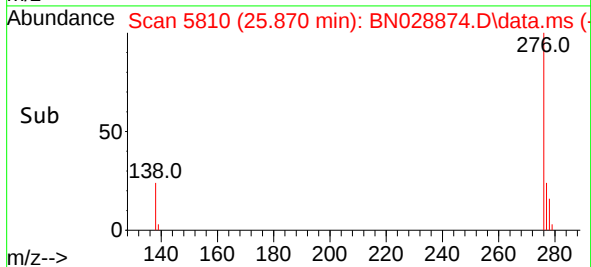
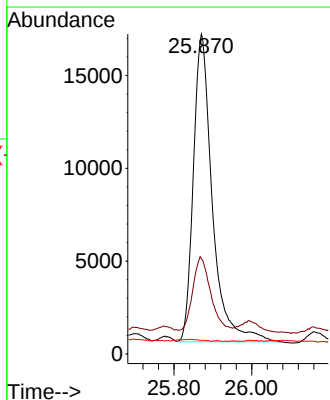
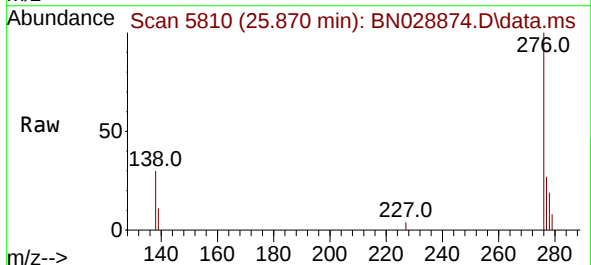
Manual Integrations
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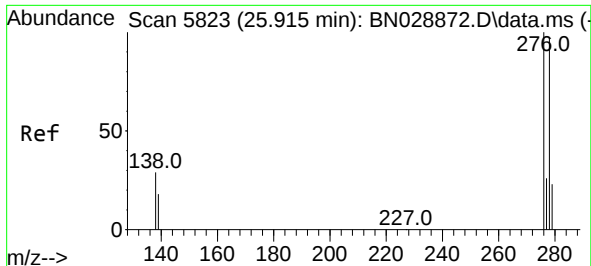
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.714 ng/ul
RT: 25.870 min Scan# 5810
Delta R.T. -0.004 min
Lab File: BN028874.D
Acq: 27 Nov 2023 11:39

Tgt Ion:276 Resp: 56255
Ion Ratio Lower Upper
276 100
138 23.0 23.8 35.6#
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.196 ng/ul

RT: 25.884 min Scan# 5814

Delta R.T. -0.014 min

Lab File: BN028874.D

Acq: 27 Nov 2023 11:39

Instrument :

BNA_N

ClientSampleId :

DCKQ2

Tgt Ion:278 Resp: 1234

Ion Ratio Lower Upper

278 100

139 55.2 18.2 27.4

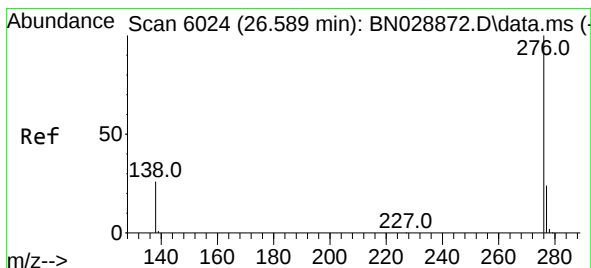
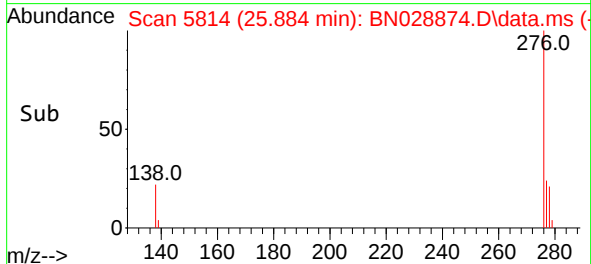
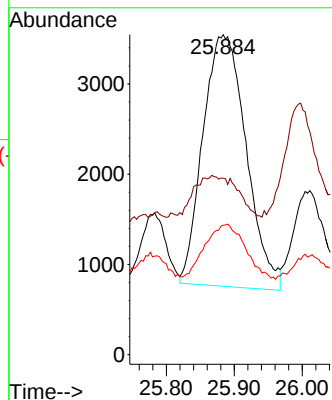
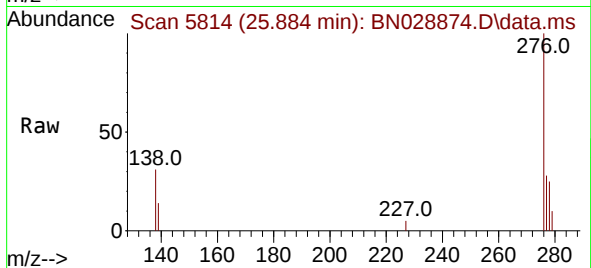
279 40.5 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/28/2023

Supervised By :mohammad ahmed 11/28/2023



#29

Benzo(g,h,i)perylene

Concen: 0.861 ng/ul

RT: 26.585 min Scan# 6023

Delta R.T. 0.006 min

Lab File: BN028874.D

Acq: 27 Nov 2023 11:39

Tgt Ion:276 Resp: 55598

Ion Ratio Lower Upper

276 100

138 29.6 20.5 30.7

277 25.5 19.4 29.0

