

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
 Data File : BN028833.D
 Acq On : 22 Nov 2023 09:30
 Operator : MA/JU
 Sample : PB157054BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS054

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/23/2023
 Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 22 21:36:06 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	7.866	152	5769m	0.400	ng/ul	0.13
4) Naphthalene-d8	10.501	136	15465m	0.400	ng/ul	0.04
9) Acenaphthene-d10	14.302	164	10688	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.072	188	15258	0.400	ng/ul	0.01
17) Chrysene-d12	21.281	240	15826	0.400	ng/ul	# 0.01
23) Perylene-d12	23.552	264	15715	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	4997m	0.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.123	152	5833m	0.251	ng/ul	0.05
18) Fluoranthene-d10	19.103	212	20268	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.137	88	14877m	2.111	ng/ul	
5) Naphthalene	10.545	128	11671	0.269	ng/ul#	92
7) 2-Methylnaphthalene	12.206	142	6309m	0.221	ng/ul	
8) 1-Methylnaphthalene	12.354	142	7328	0.253	ng/ul	99
10) Acenaphthylene	14.034	152	17247	0.323	ng/ul	97
11) Acenaphthene	14.367	153	14325	0.365	ng/ul	99
12) Fluorene	15.380	166	12194	0.267	ng/ul	97
14) Pentachlorophenol	16.730	266	2623	0.716	ng/ul	99
15) Phenanthrene	17.110	178	19478	0.416	ng/ul	95
16) Anthracene	17.229	178	10504	0.244	ng/ul#	93
19) Fluoranthene	19.131	202	25317	0.376	ng/ul	98
20) Pyrene	19.494	202	29338	0.421	ng/ul	96
21) Benzo(a)anthracene	21.269	228	15813	0.253	ng/ul	98
22) Chrysene	21.316	228	21653	0.354	ng/ul	99
24) Benzo(b)fluoranthene	22.865	252	19485	0.330	ng/ul	89
25) Benzo(k)fluoranthene	22.914	252	24213	0.392	ng/ul#	90
26) Benzo(a)pyrene	23.455	252	20563	0.369	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.890	276	23740	0.384	ng/ul	98
28) Dibenzo(a,h)anthracene	25.920	278	17737	0.359	ng/ul#	94
29) Benzo(g,h,i)perylene	26.591	276	21725	0.429	ng/ul	97

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

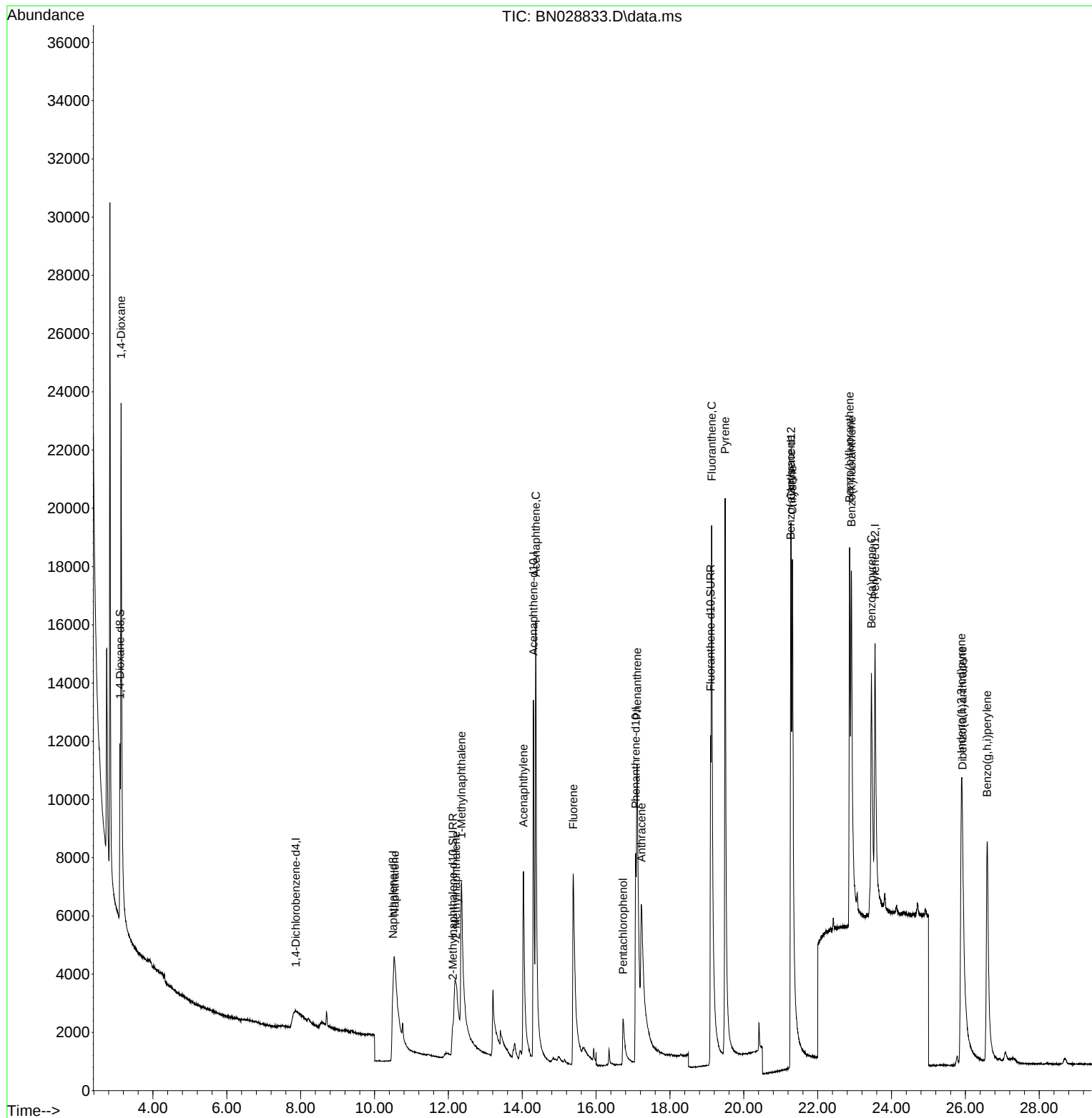
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028833.D
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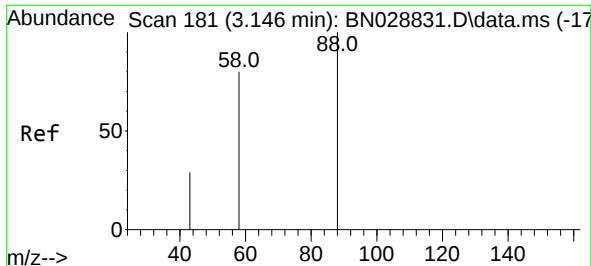
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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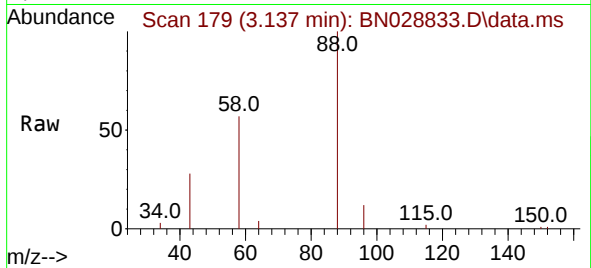
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023





#2
1,4-Dioxane
Concen: 2.111 ng/ul m
RT: 3.137 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

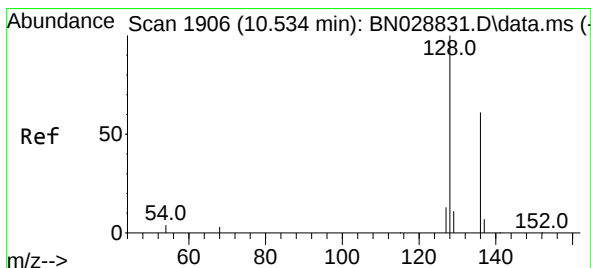
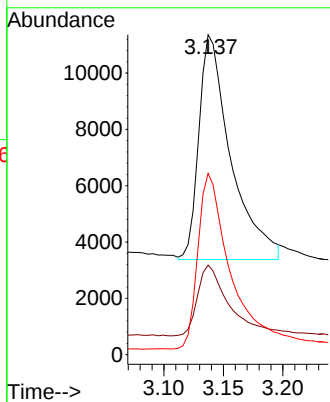
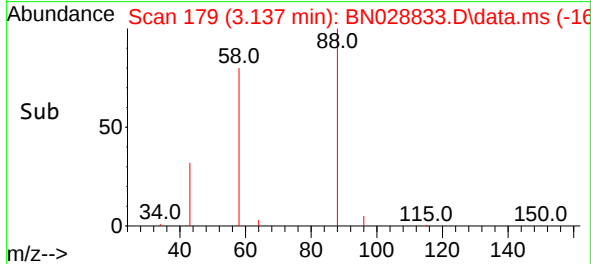
Instrument :
BNA_N
ClientSampleId :
SLCS054



Tgt Ion: 88 Resp: 1487
Ion Ratio Lower Upper
88 100
43 28.0 32.9 49.3#
58 56.6 41.8 62.8

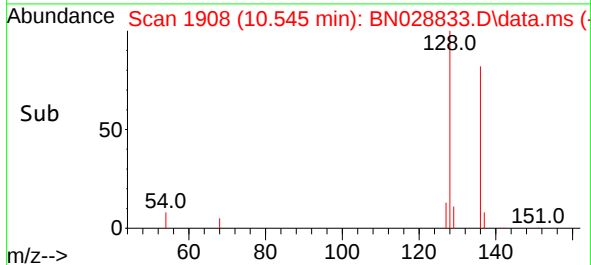
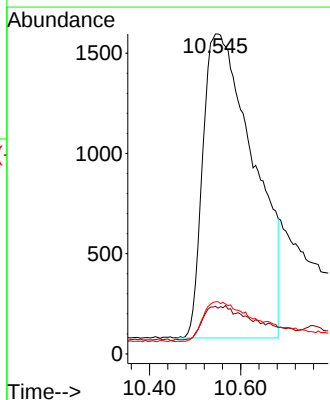
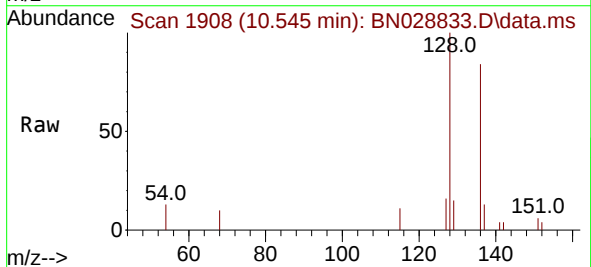
Manual Integrations
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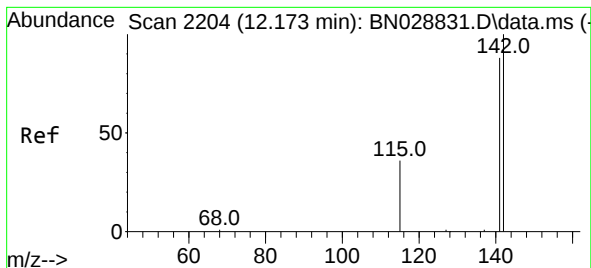
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#5
Naphthalene
Concen: 0.269 ng/ul
RT: 10.545 min Scan# 1908
Delta R.T. 0.038 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

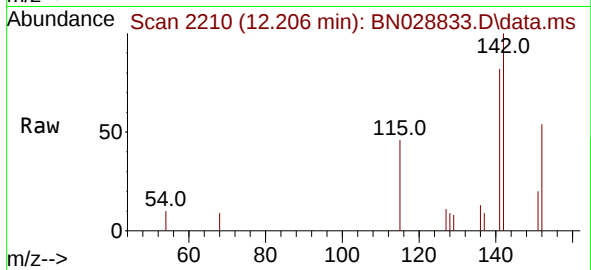
Tgt Ion:128 Resp: 11671
Ion Ratio Lower Upper
128 100
129 14.9 9.2 13.8#
127 16.3 10.7 16.1#





#7
2-Methylnaphthalene
Concen: 0.221 ng/ul m
RT: 12.206 min Scan# 2210
Delta R.T. 0.066 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

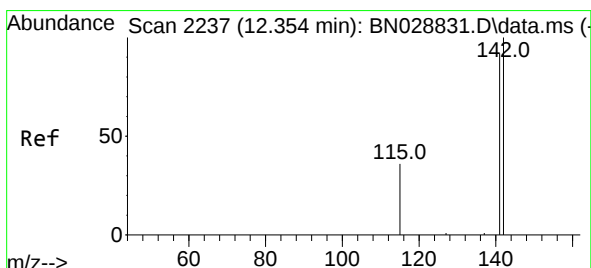
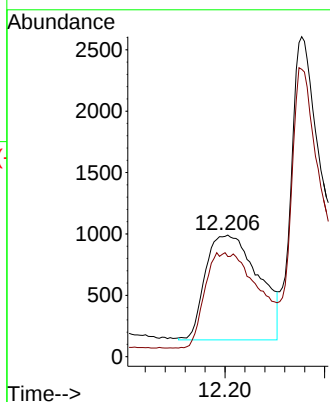
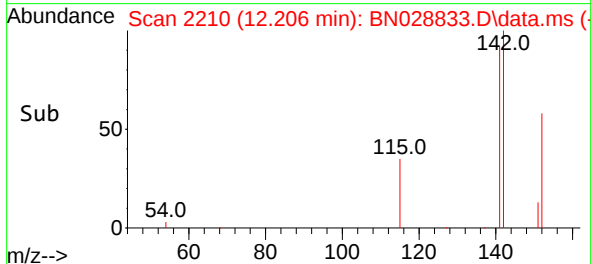
Instrument :
BNA_N
ClientSampleId :
SLCS054



Tgt Ion:142 Resp: 6309
Ion Ratio Lower Upper
142 100
141 43.0 70.8 106.2

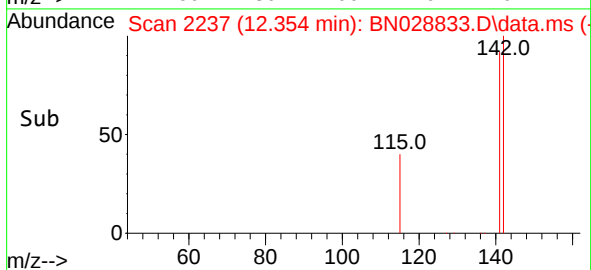
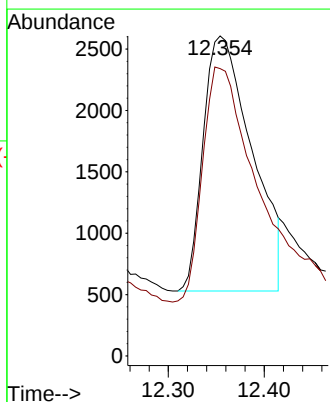
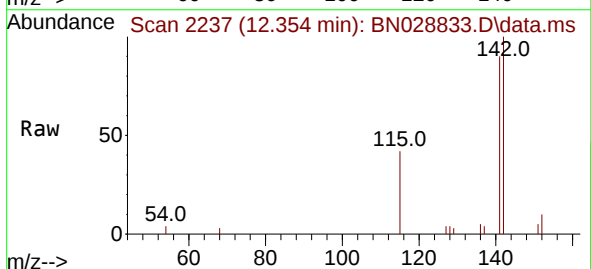
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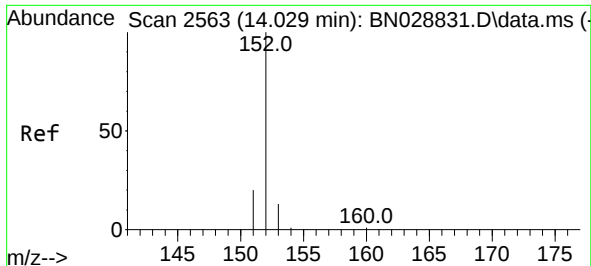
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#8
1-Methylnaphthalene
Concen: 0.253 ng/ul
RT: 12.354 min Scan# 2237
Delta R.T. 0.016 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

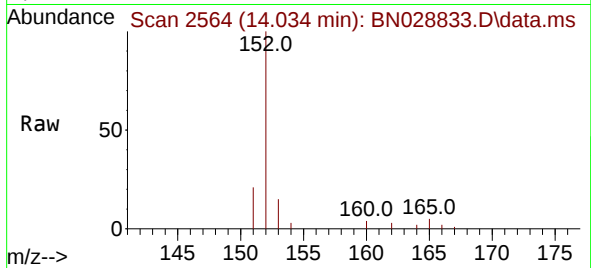
Tgt Ion:142 Resp: 7328
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1





#10
Acenaphthylene
Concen: 0.323 ng/u1
RT: 14.034 min Scan# 21
Delta R.T. 0.008 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

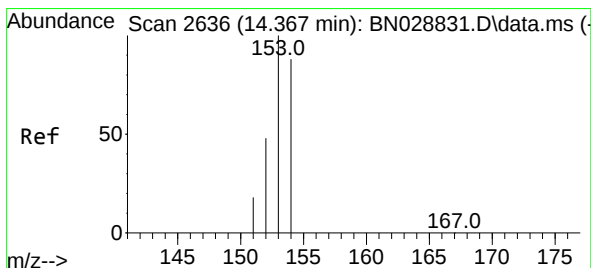
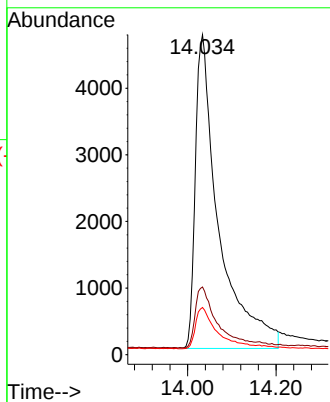
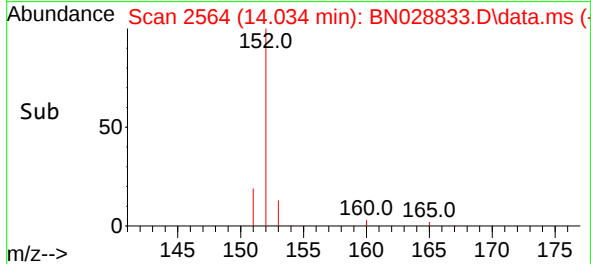
Instrument :
BNA_N
ClientSampleId :
SLCS054



Tgt Ion:152 Resp: 1724
Ion Ratio Lower Upper
152 100
151 21.1 16.1 24.1
153 14.7 10.6 15.8

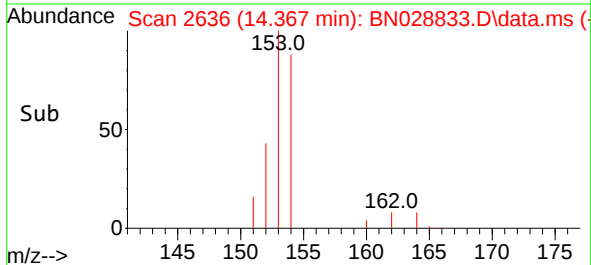
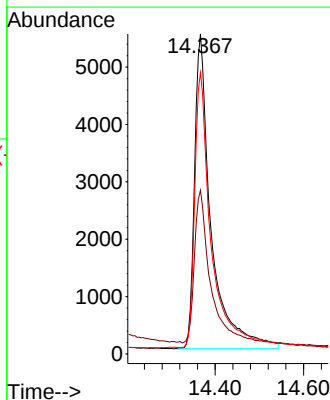
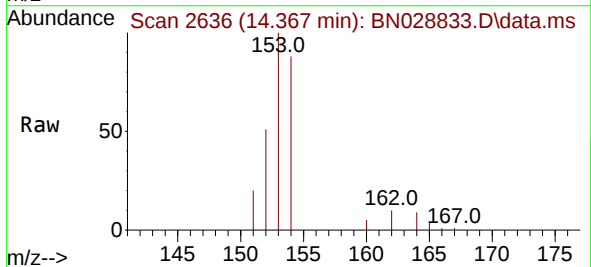
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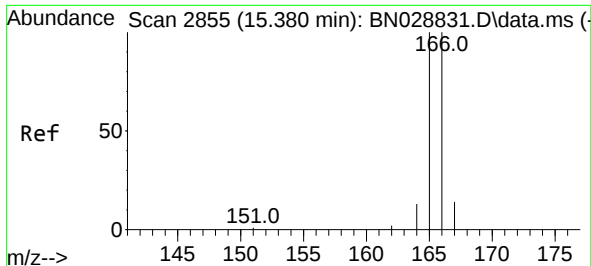
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#11
Acenaphthene
Concen: 0.365 ng/u1
RT: 14.367 min Scan# 2636
Delta R.T. 0.004 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

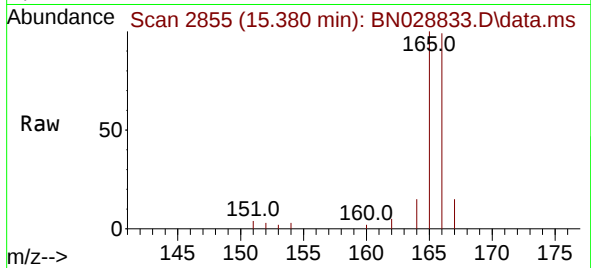
Tgt Ion:153 Resp: 14325
Ion Ratio Lower Upper
153 100
152 51.1 39.6 59.4
154 87.9 71.0 106.6





#12
Fluorene
Concen: 0.267 ng/ul
RT: 15.380 min Scan# 2855
Delta R.T. 0.013 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

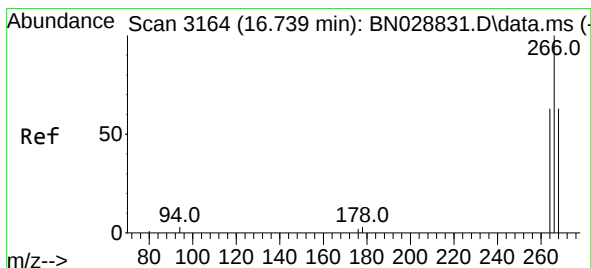
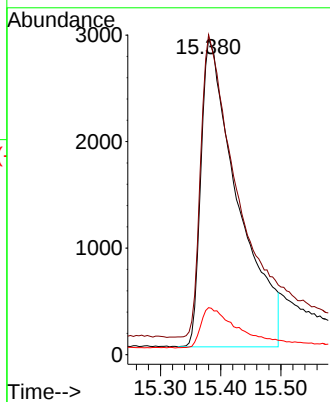
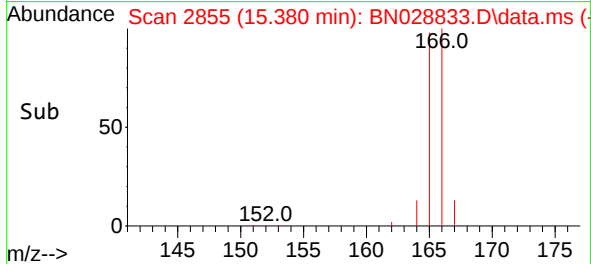
Instrument :
BNA_N
ClientSampleId :
SLCS054



Tgt Ion:166 Resp: 12194
Ion Ratio Lower Upper
166 100
165 101.5 78.6 118.0
167 14.9 11.0 16.6

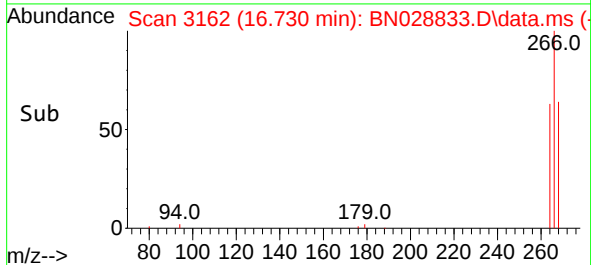
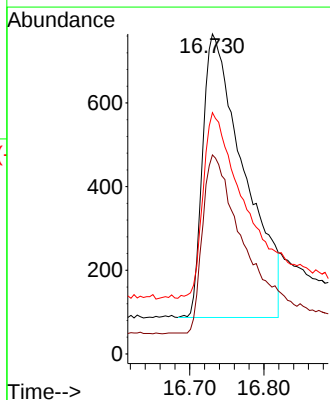
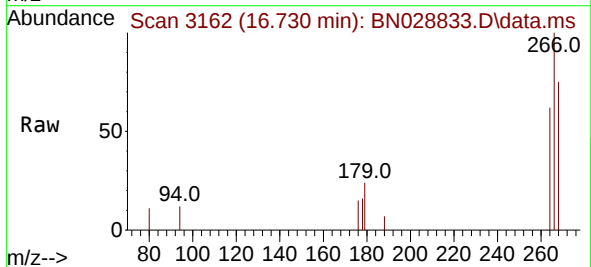
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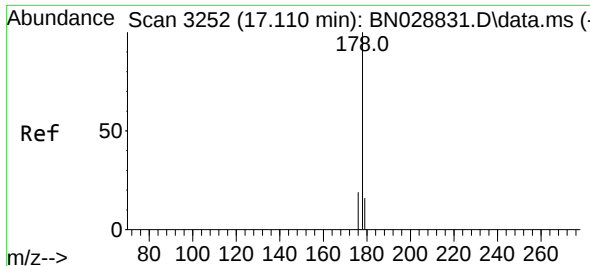
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#14
Pentachlorophenol
Concen: 0.716 ng/ul
RT: 16.730 min Scan# 3162
Delta R.T. 0.007 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

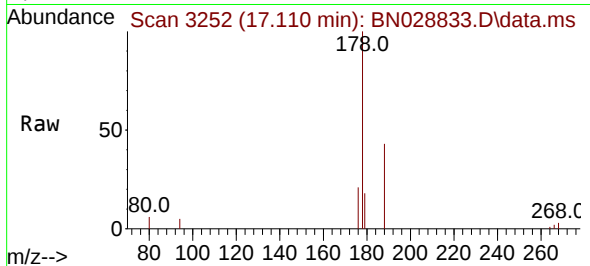
Tgt Ion:266 Resp: 2623
Ion Ratio Lower Upper
266 100
264 62.3 50.1 75.1
268 64.8 50.6 75.8





#15
Phenanthrene
Concen: 0.416 ng/ul
RT: 17.110 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

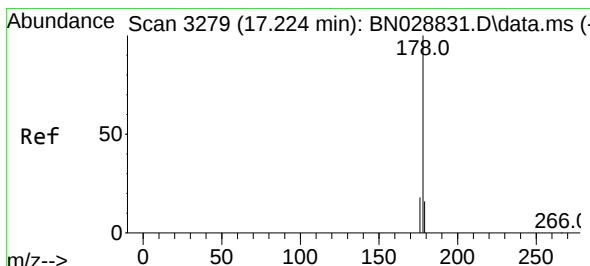
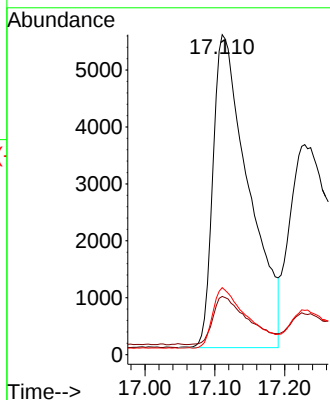
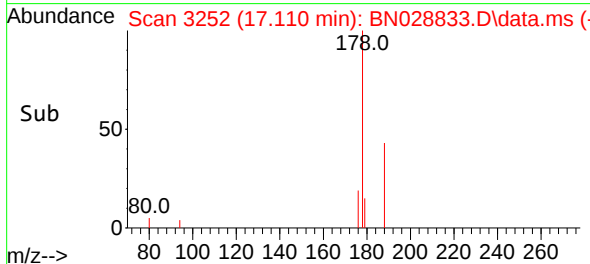
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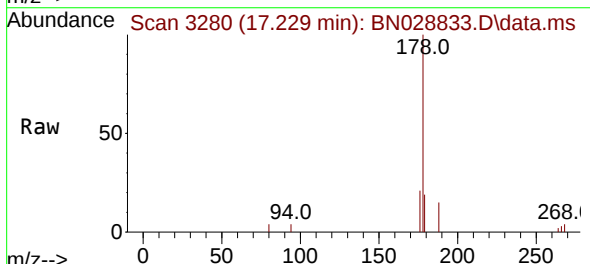
Tgt Ion:178 Resp: 19478
Ion Ratio Lower Upper
178 100
179 18.2 12.4 18.6
176 21.0 15.4 23.2

Manual Integrations
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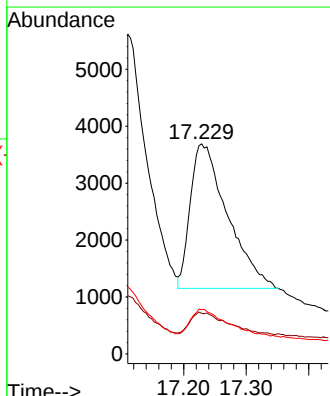
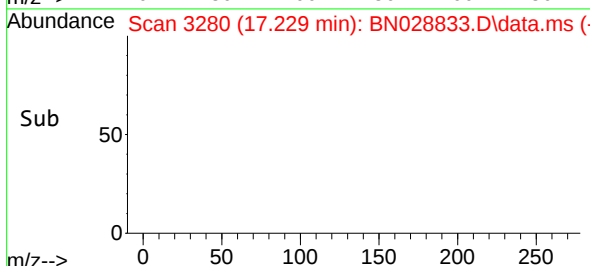
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Supervised By :mohammad ahmed 11/25/2023

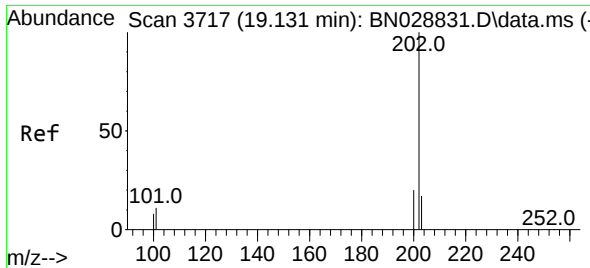


#16
Anthracene
Concen: 0.244 ng/ul
RT: 17.229 min Scan# 3280
Delta R.T. 0.024 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30



Tgt Ion:178 Resp: 10504
Ion Ratio Lower Upper
178 100
179 19.4 12.6 18.8#
176 21.1 14.9 22.3





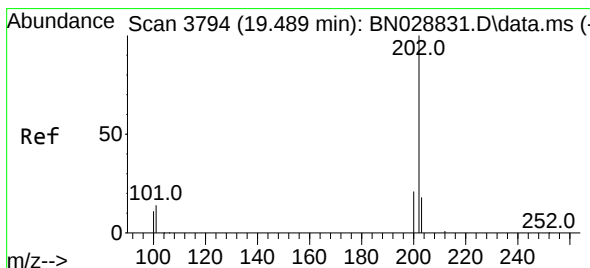
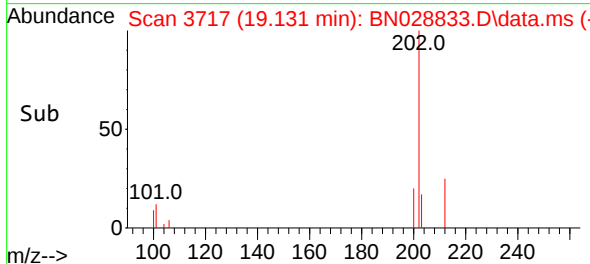
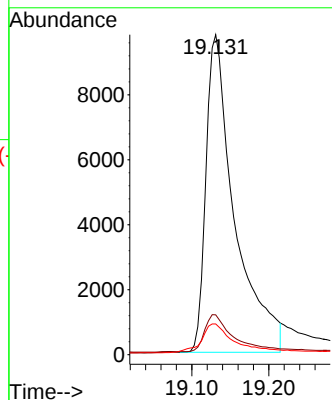
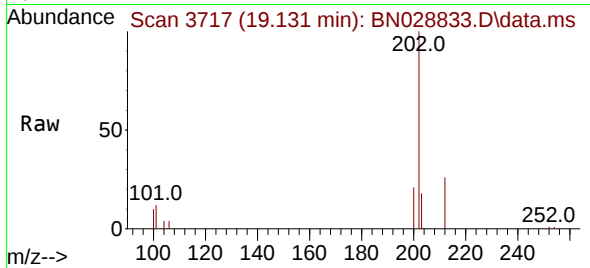
#19
Fluoranthene
Concen: 0.376 ng/u1
RT: 19.131 min Scan# 3717
Delta R.T. 0.008 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

Instrument :
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Tgt Ion:202 Resp: 2531
Ion Ratio Lower Upper
202 100
101 12.4 9.5 14.3
100 9.6 7.2 10.8

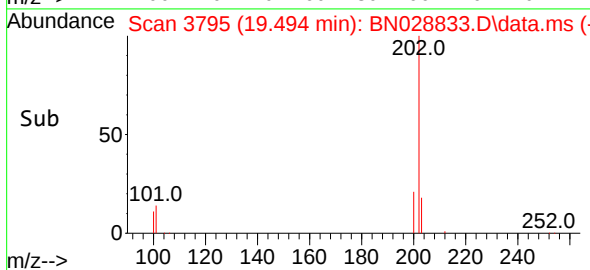
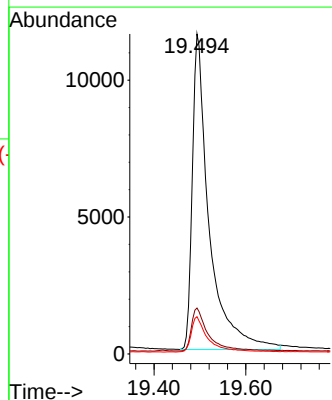
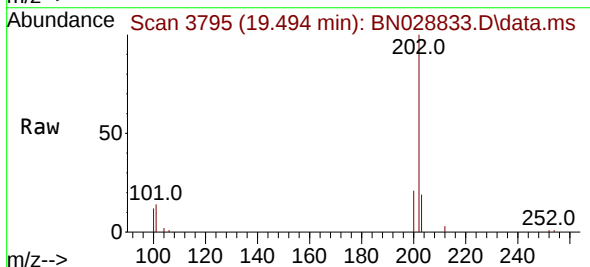
Manual Integrations
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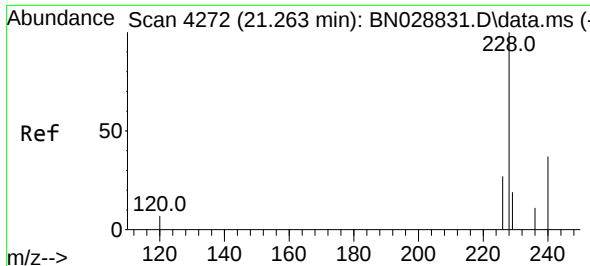
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#20
Pyrene
Concen: 0.421 ng/u1
RT: 19.494 min Scan# 3795
Delta R.T. 0.008 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

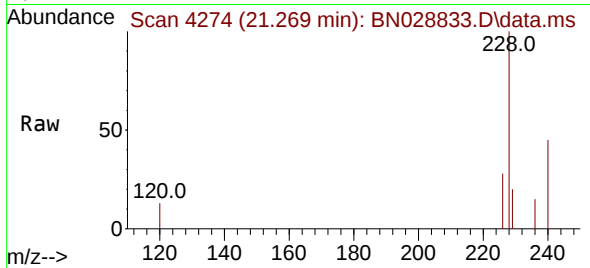
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Ion Ratio Lower Upper
202 100
101 14.3 10.3 15.5
100 11.7 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.253 ng/ul
RT: 21.269 min Scan# 41
Delta R.T. 0.014 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

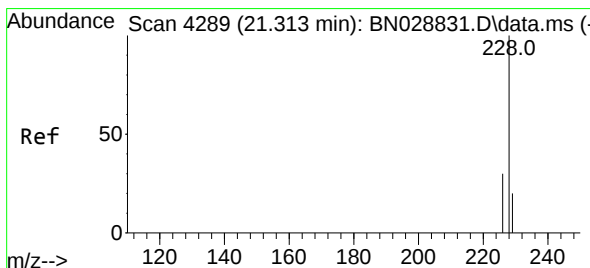
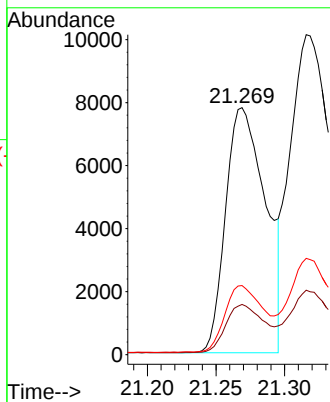
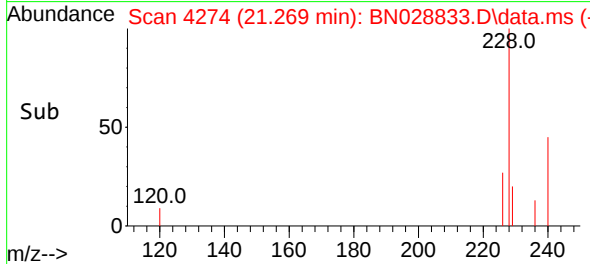
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 1581
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.0 21.4 32.0

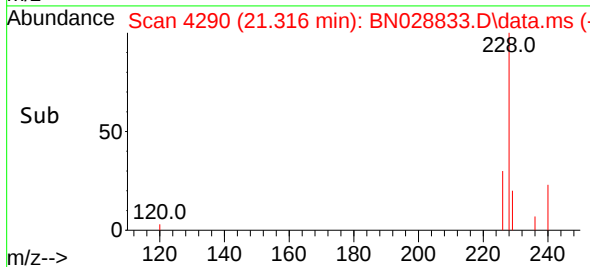
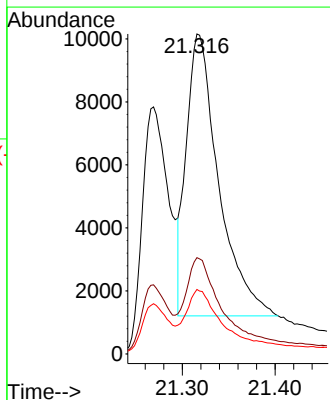
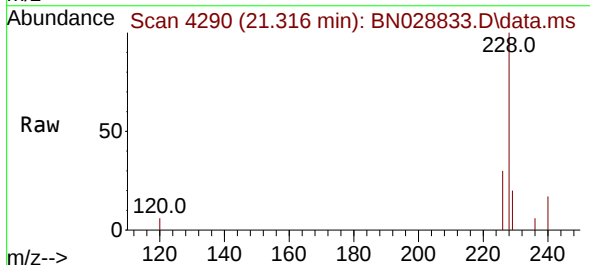
Manual Integrations
APPROVED

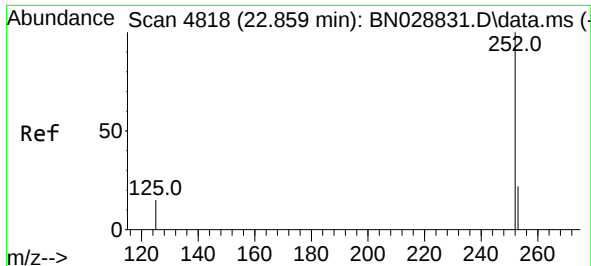
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.316 min Scan# 4290
Delta R.T. 0.011 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

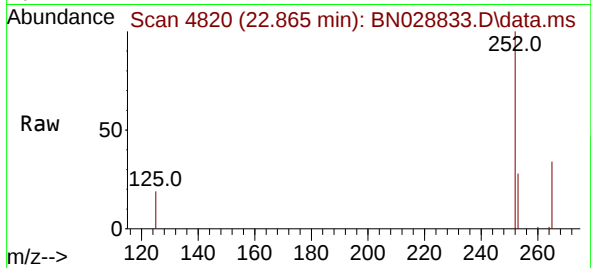
Tgt Ion:228 Resp: 21653
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 20.1 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.330 ng/ul
RT: 22.865 min Scan# 4820
Delta R.T. 0.011 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

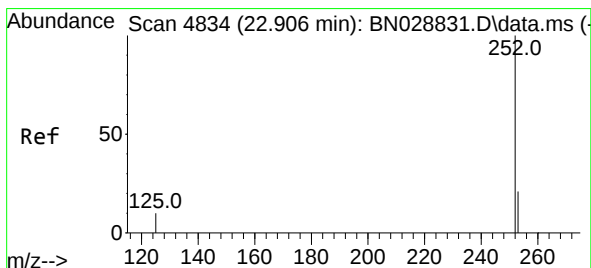
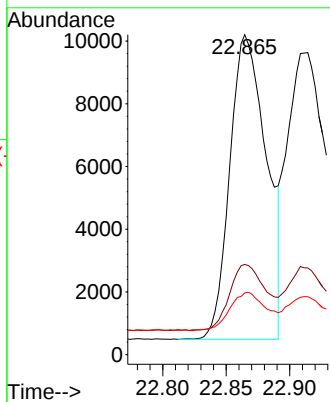
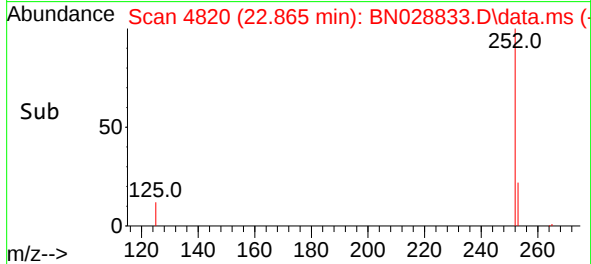
Instrument :
BNA_N
ClientSampleId :
SLCS054



Tgt Ion:252 Resp: 19485
Ion Ratio Lower Upper
252 100
253 28.2 0.0 46.6
125 19.3 0.0 27.6

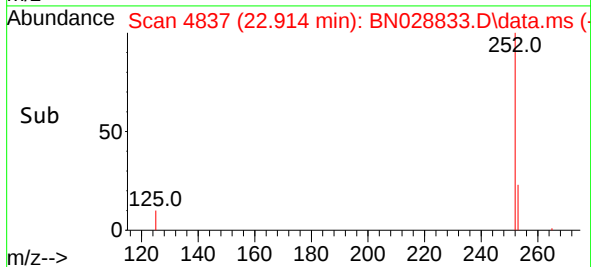
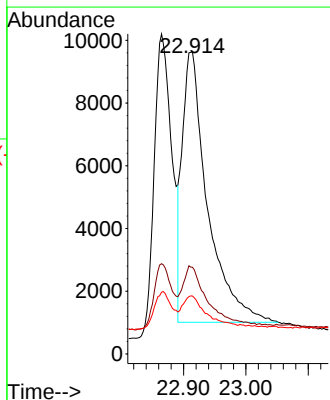
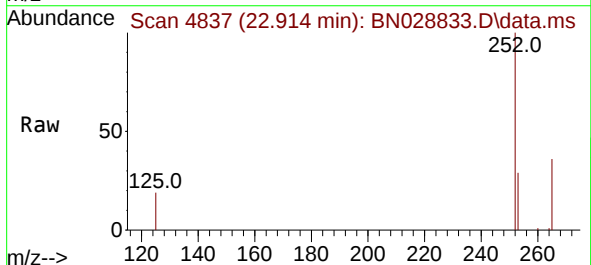
Manual Integrations
APPROVED

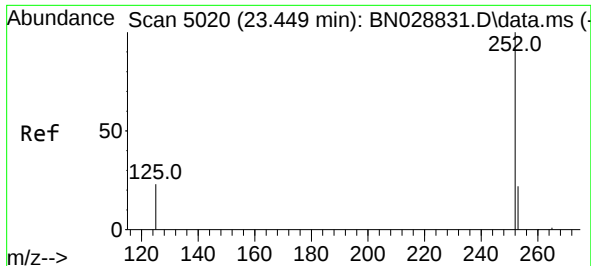
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.392 ng/ul
RT: 22.914 min Scan# 4837
Delta R.T. 0.011 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

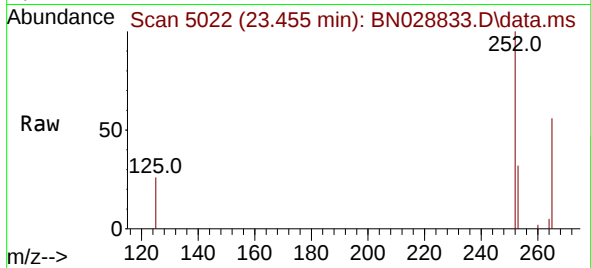
Tgt Ion:252 Resp: 24213
Ion Ratio Lower Upper
252 100
253 28.7 18.6 28.0#
125 19.2 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.455 min Scan# 5020
Delta R.T. 0.011 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

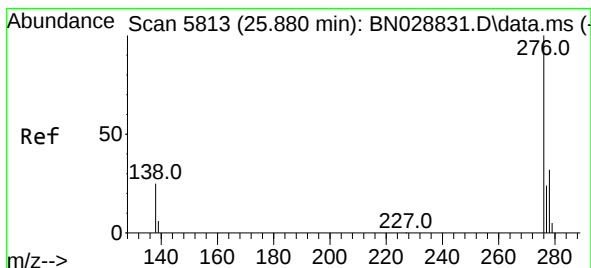
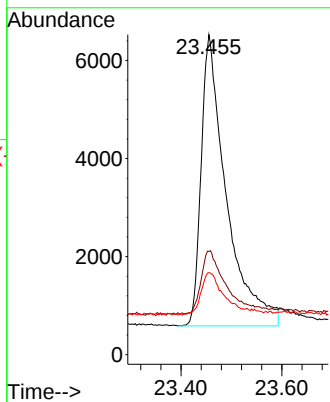
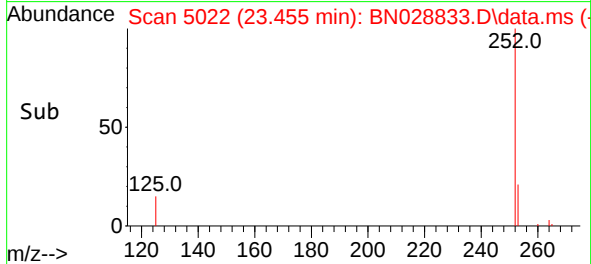
Instrument :
BNA_N
ClientSampleId :
SLCS054



Tgt Ion:252 Resp: 2056
Ion Ratio Lower Upper
252 100
253 32.2 19.0 28.6
125 25.7 13.2 19.8

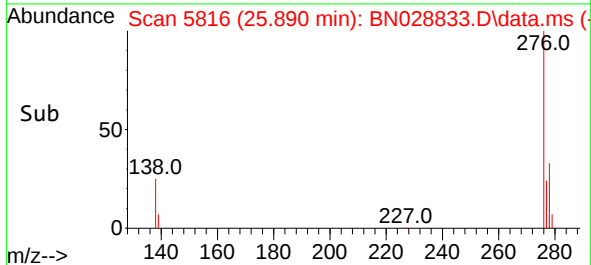
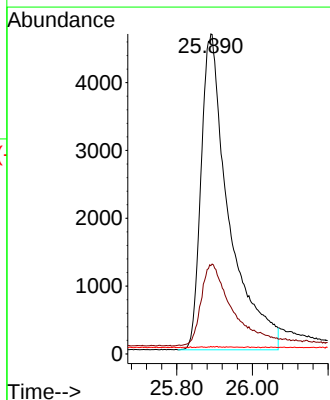
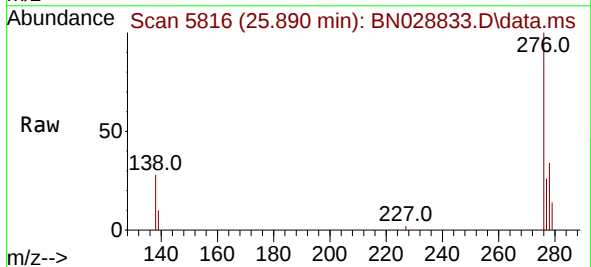
Manual Integrations
APPROVED

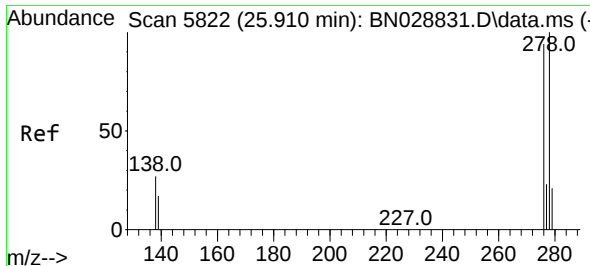
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 25.890 min Scan# 5816
Delta R.T. 0.016 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

Tgt Ion:276 Resp: 23740
Ion Ratio Lower Upper
276 100
138 28.7 23.8 35.6
227 0.1 0.1 0.1





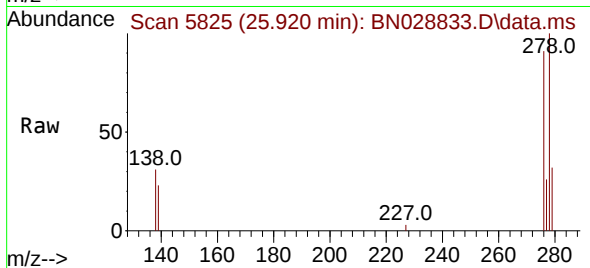
#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 25.920 min Scan# 5825
Delta R.T. 0.023 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

Instrument :

BNA_N

ClientSampleId :

SLCS054



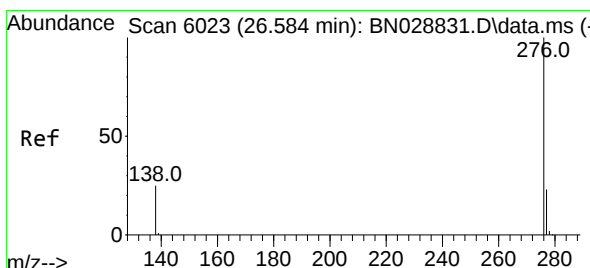
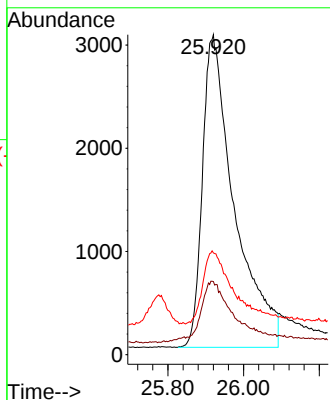
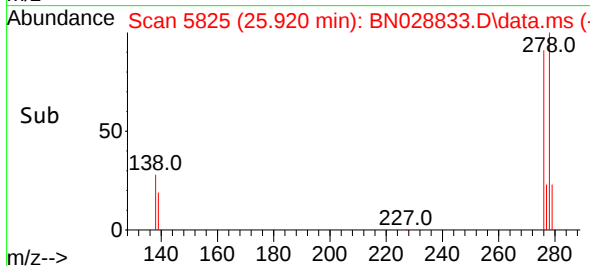
Tgt Ion:278 Resp: 1773
Ion Ratio Lower Upper
278 100
139 22.8 18.2 27.4
279 31.8 20.7 31.1

Manual Integrations

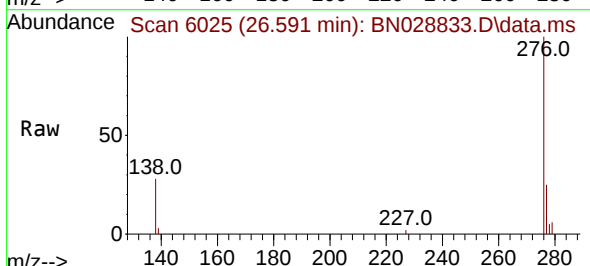
APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.429 ng/ul
RT: 26.591 min Scan# 6025
Delta R.T. 0.012 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30



Tgt Ion:276 Resp: 21725
Ion Ratio Lower Upper
276 100
138 27.9 20.5 30.7
277 25.3 19.4 29.0

