

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
 Data File : BN028865.D
 Acq On : 24 Nov 2023 19:25
 Operator : MA/JU
 Sample : PB157174BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS174

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 25 01:03:19 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	7.883	152	4471m	0.400	ng/ul	0.15
4) Naphthalene-d8	10.489	136	11743m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.302	164	8060	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.072	188	12430m	0.400	ng/ul	0.01
17) Chrysene-d12	21.274	240	8743	0.400	ng/ul	# 0.00
23) Perylene-d12	23.548	264	8529	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	4567m	0.924	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.122	152	5545m	0.314	ng/ul	0.05
18) Fluoranthene-d10	19.102	212	12456	0.443	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.137	88	13816m	2.530	ng/ul	
5) Naphthalene	10.538	128	10813	0.329	ng/ul#	93
7) 2-Methylnaphthalene	12.188	142	5807m	0.268	ng/ul	
8) 1-Methylnaphthalene	12.353	142	6340	0.288	ng/ul	99
10) Acenaphthylene	14.029	152	13460	0.335	ng/ul	97
11) Acenaphthene	14.366	153	11206	0.379	ng/ul	99
12) Fluorene	15.389	166	9056	0.263	ng/ul	98
14) Pentachlorophenol	16.734	266	1782	0.597	ng/ul	100
15) Phenanthrene	17.119	178	13355	0.350	ng/ul	95
16) Anthracene	17.228	178	7487	0.214	ng/ul#	92
19) Fluoranthene	19.130	202	15891	0.427	ng/ul	97
20) Pyrene	19.493	202	18272	0.474	ng/ul	95
21) Benzo(a)anthracene	21.265	228	9065	0.262	ng/ul	98
22) Chrysene	21.312	228	12911	0.382	ng/ul	98
24) Benzo(b)fluoranthene	22.861	252	11229	0.351	ng/ul	79
25) Benzo(k)fluoranthene	22.908	252	14182	0.423	ng/ul#	82
26) Benzo(a)pyrene	23.451	252	12156	0.402	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	25.883	276	15541	0.463	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.909	278	11817	0.441	ng/ul#	87
29) Benzo(g,h,i)perylene	26.584	276	14147	0.515	ng/ul	96

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

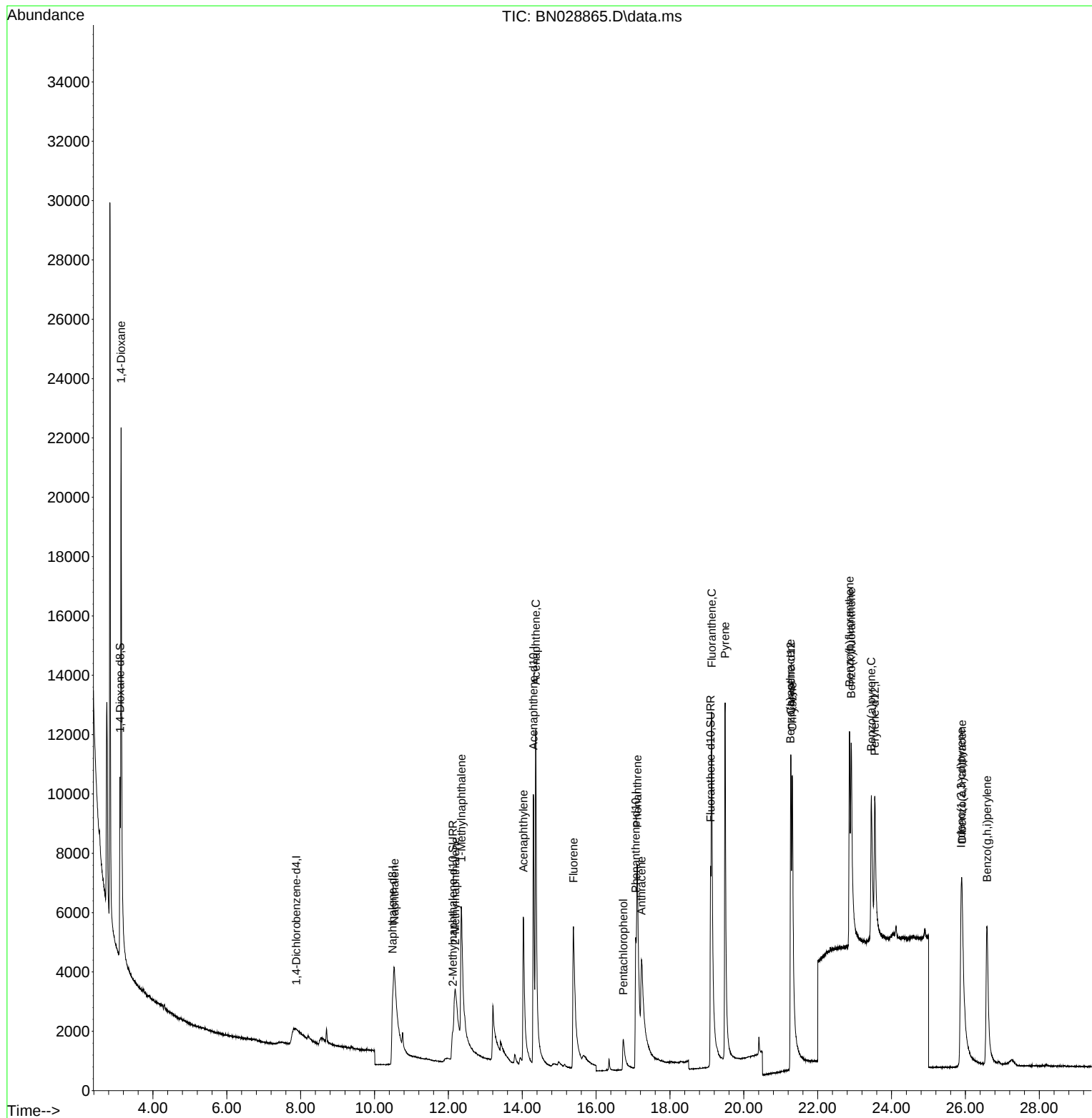
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

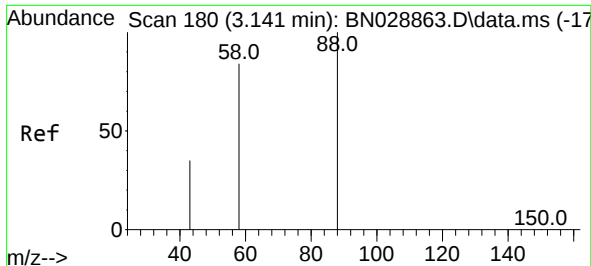
Instrument :
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SLCS174

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Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

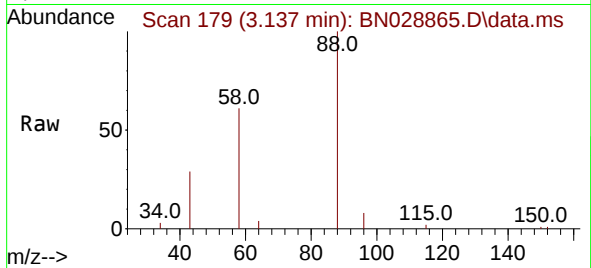
Quant Time: Nov 25 01:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.530 ng/ul m
RT: 3.137 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

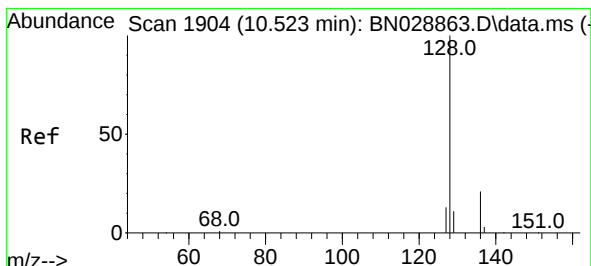
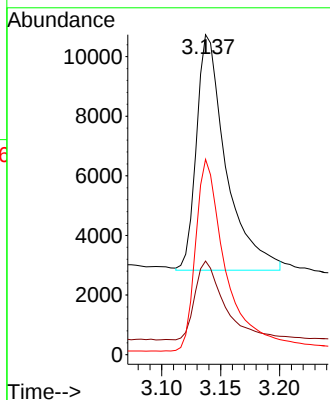
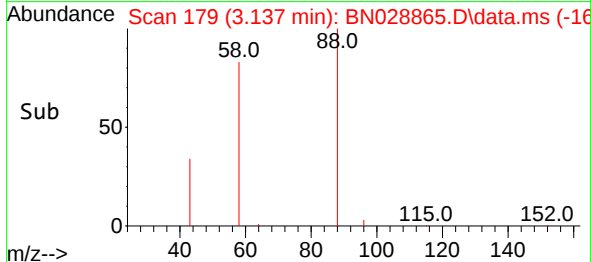
Instrument :
BNA_N
ClientSampleId :
SLCS174



Tgt Ion: 88 Resp: 13810
Ion Ratio Lower Upper
88 100
43 29.2 32.9 49.3
58 61.1 41.8 62.8

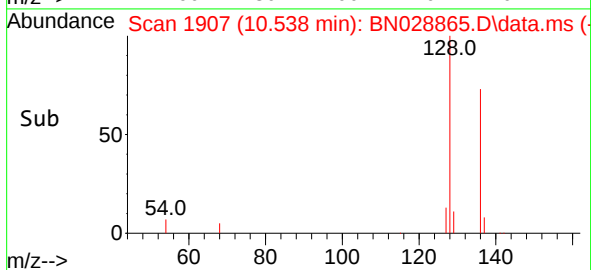
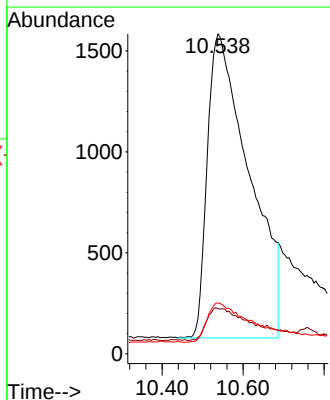
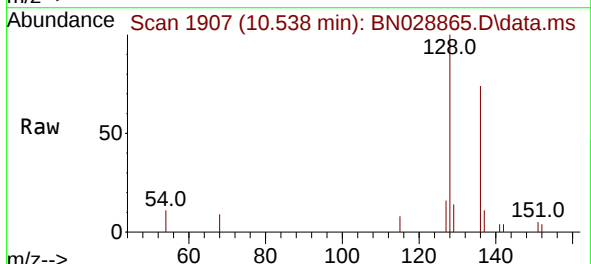
Manual Integrations
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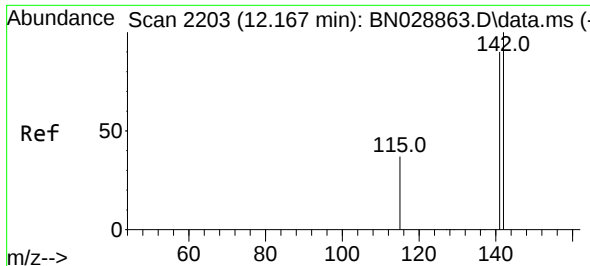
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#5
Naphthalene
Concen: 0.329 ng/ul
RT: 10.538 min Scan# 1907
Delta R.T. 0.032 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

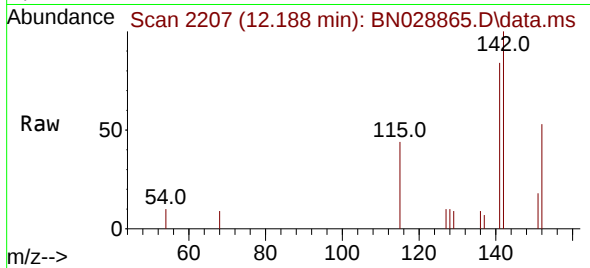
Tgt Ion:128 Resp: 10813
Ion Ratio Lower Upper
128 100
129 14.1 9.2 13.8
127 15.9 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.268 ng/ul m
RT: 12.188 min Scan# 2207
Delta R.T. 0.048 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

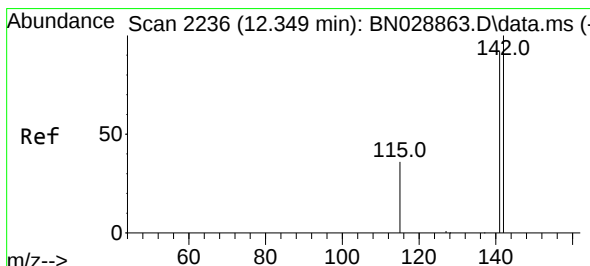
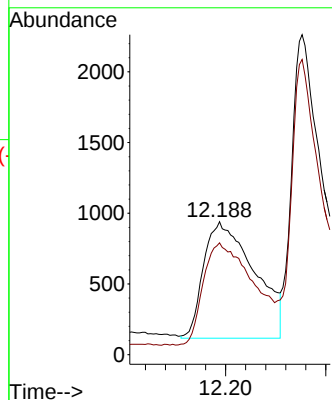
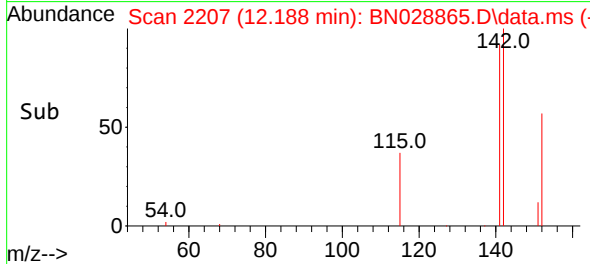
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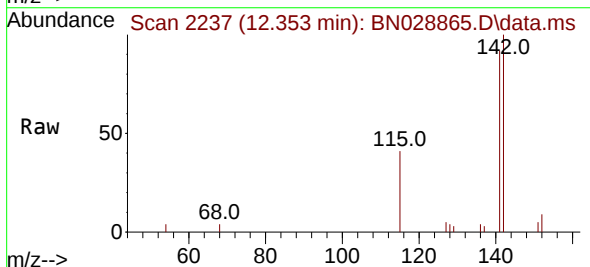
Tgt Ion:142 Resp: 580
Ion Ratio Lower Upper
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141 48.4 70.8 106.2

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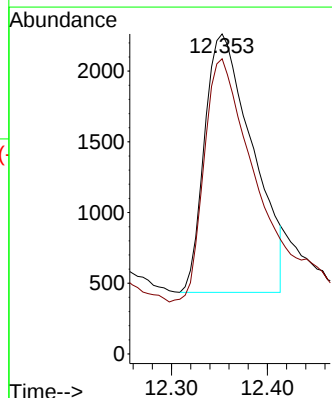
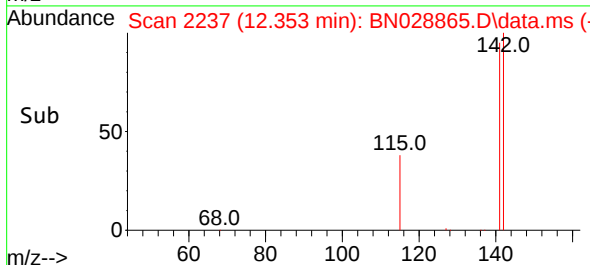
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

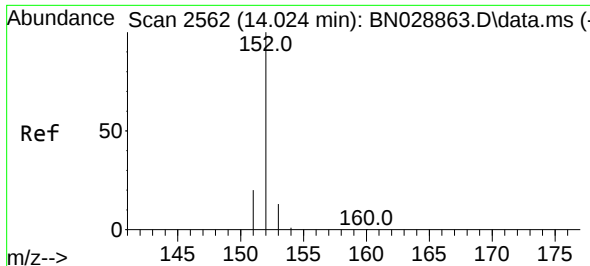


#8
1-Methylnaphthalene
Concen: 0.288 ng/ul
RT: 12.353 min Scan# 2237
Delta R.T. 0.015 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25



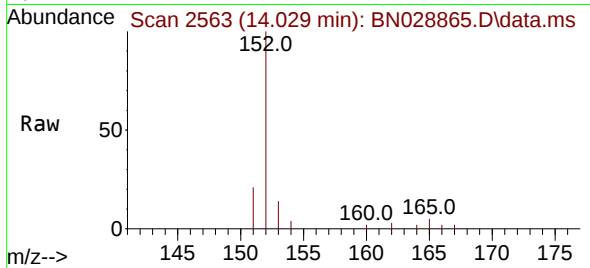
Tgt Ion:142 Resp: 6340
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1





#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 14.029 min Scan# 2562
Delta R.T. 0.003 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

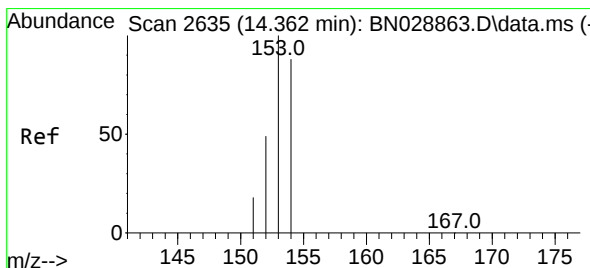
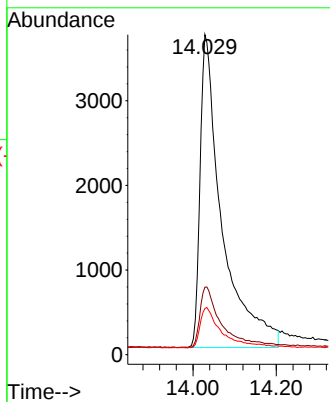
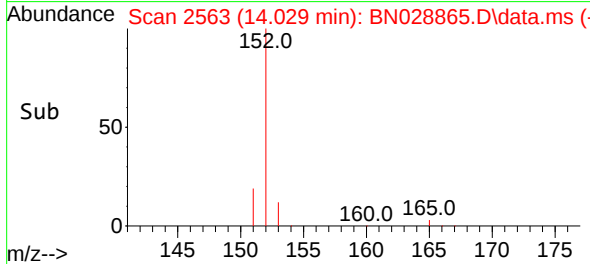
Instrument :
BNA_N
ClientSampleId :
SLCS174



Tgt Ion:152 Resp: 13460
Ion Ratio Lower Upper
152 100
151 21.1 16.1 24.1
153 14.5 10.6 15.8

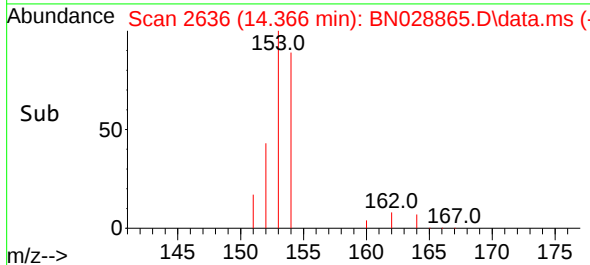
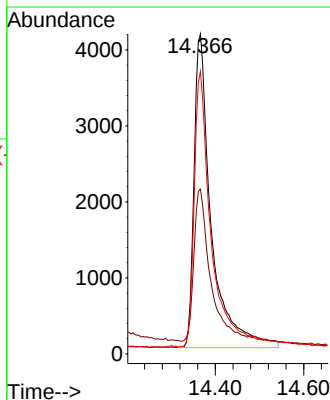
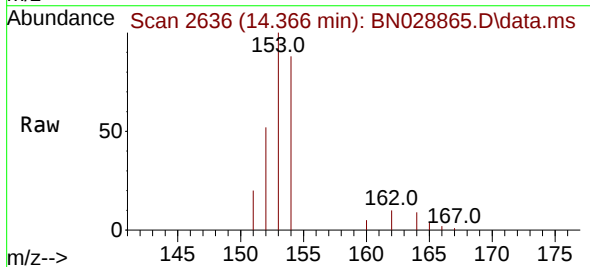
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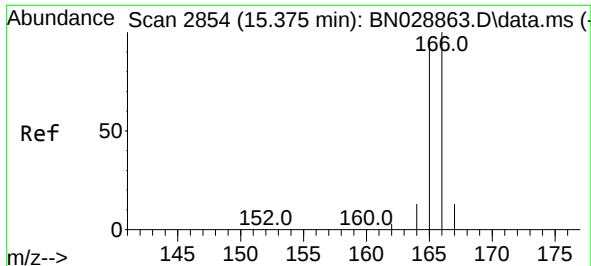
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.366 min Scan# 2636
Delta R.T. 0.003 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

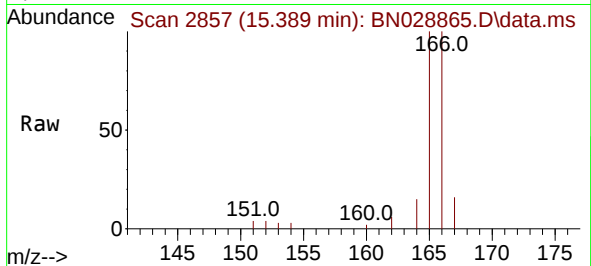
Tgt Ion:153 Resp: 11206
Ion Ratio Lower Upper
153 100
152 51.5 39.6 59.4
154 88.3 71.0 106.6





#12
Fluorene
Concen: 0.263 ng/ul
RT: 15.389 min Scan# 2854
Delta R.T. 0.022 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

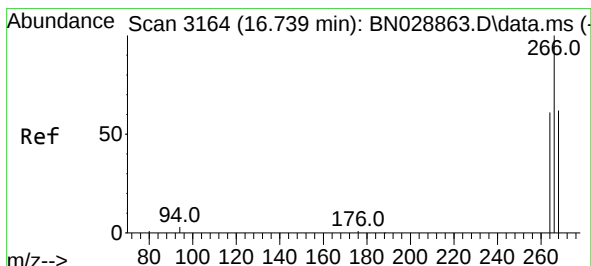
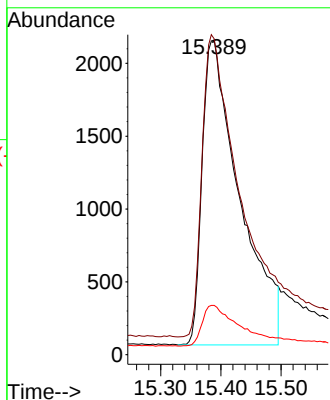
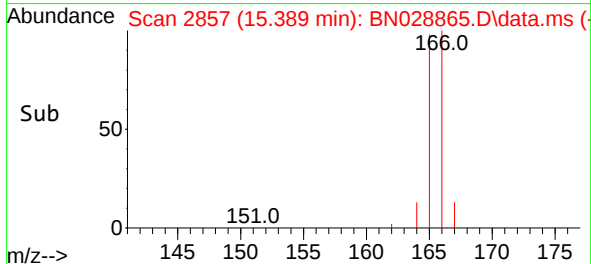
Instrument :
BNA_N
ClientSampleId :
SLCS174



Tgt Ion:166 Resp: 905
Ion Ratio Lower Upper
166 100
165 100.5 78.6 118.0
167 15.7 11.0 16.6

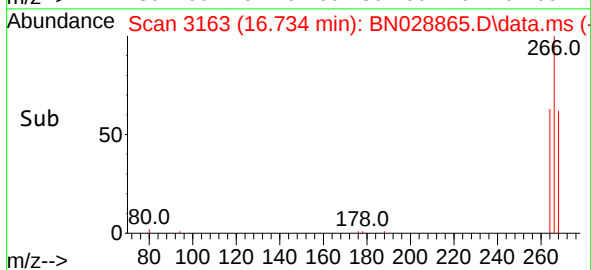
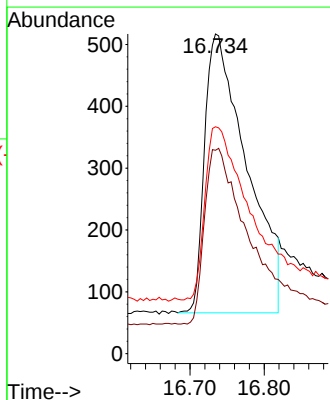
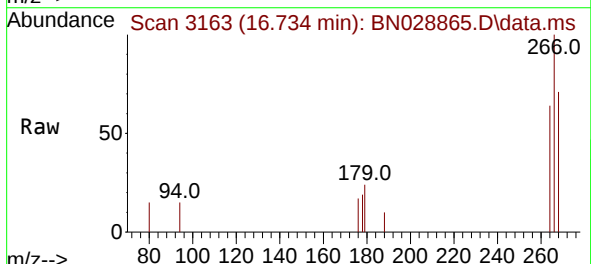
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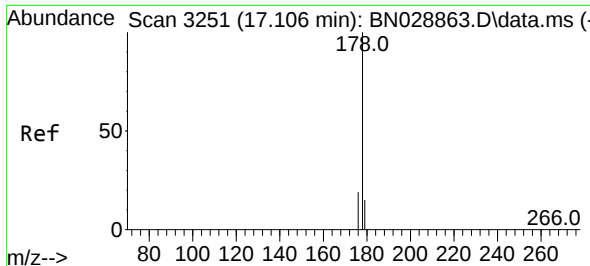
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#14
Pentachlorophenol
Concen: 0.597 ng/ul
RT: 16.734 min Scan# 3163
Delta R.T. 0.011 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

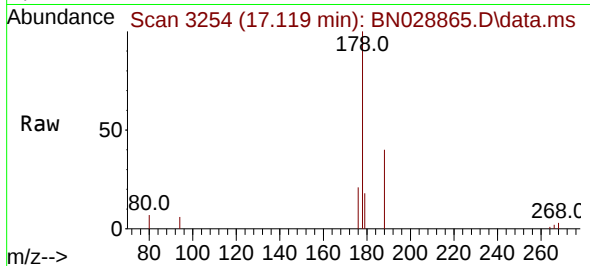
Tgt Ion:266 Resp: 1782
Ion Ratio Lower Upper
266 100
264 62.9 50.1 75.1
268 63.1 50.6 75.8





#15
Phenanthrene
Concen: 0.350 ng/u1
RT: 17.119 min Scan# 31
Delta R.T. 0.016 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

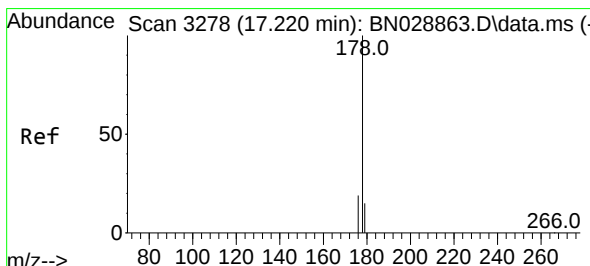
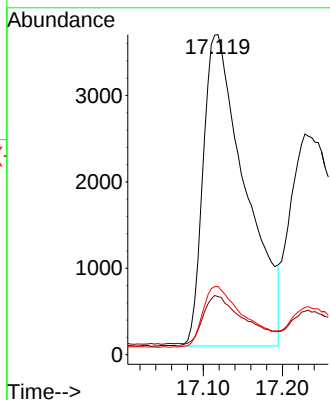
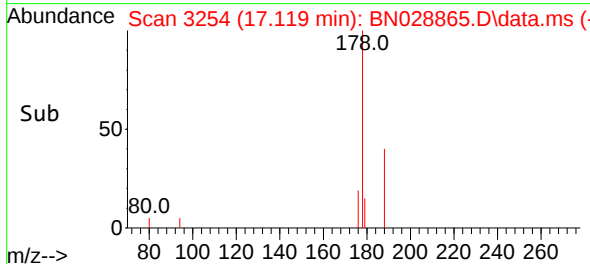
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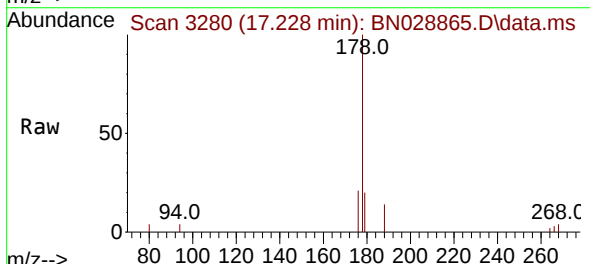
Tgt Ion:178 Resp: 1335
Ion Ratio Lower Upper
178 100
179 18.1 12.4 18.6
176 21.3 15.4 23.2

Manual Integrations
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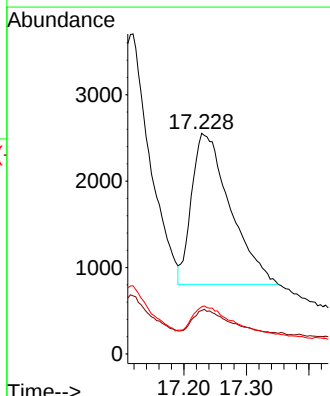
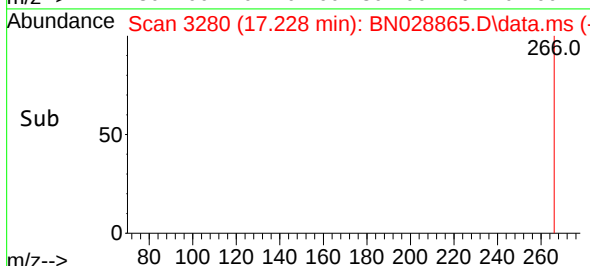
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

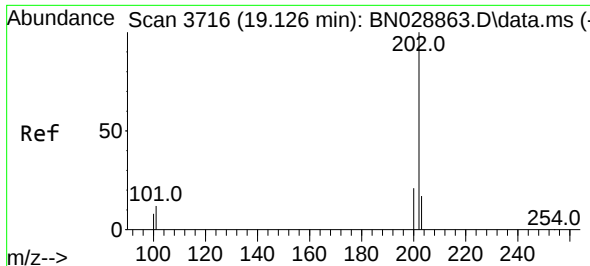


#16
Anthracene
Concen: 0.214 ng/u1
RT: 17.228 min Scan# 3280
Delta R.T. 0.024 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25



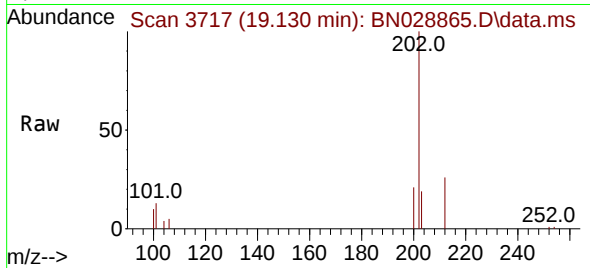
Tgt Ion:178 Resp: 7487
Ion Ratio Lower Upper
178 100
179 19.7 12.6 18.8#
176 21.4 14.9 22.3





#19
Fluoranthene
Concen: 0.427 ng/u1
RT: 19.130 min Scan# 3716
Delta R.T. 0.008 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

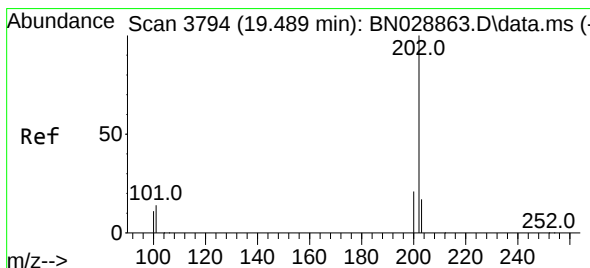
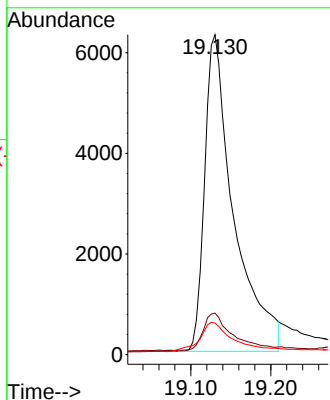
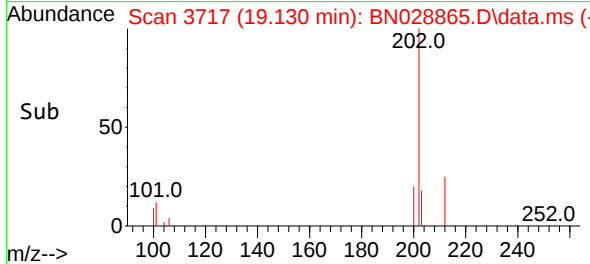
Instrument :
BNA_N
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SLCS174



Tgt Ion:202 Resp: 1589
Ion Ratio Lower Upper
202 100
101 13.0 9.5 14.3
100 9.9 7.2 10.8

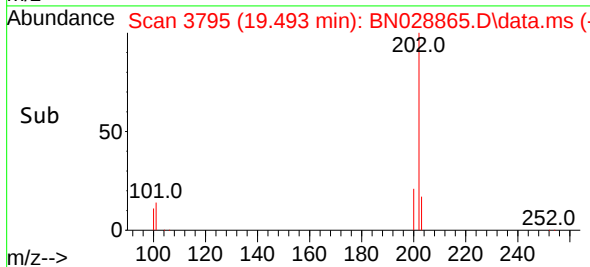
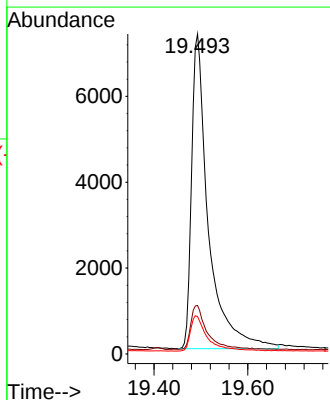
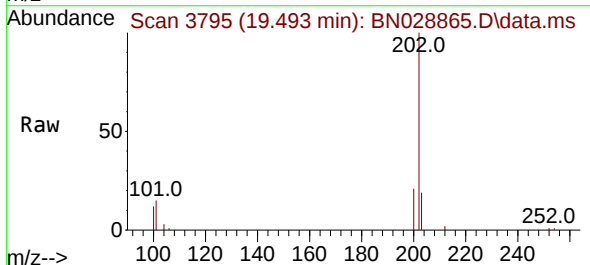
Manual Integrations
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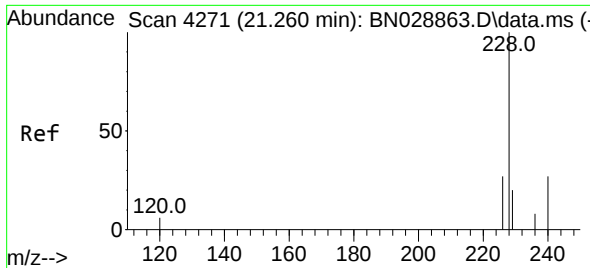
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#20
Pyrene
Concen: 0.474 ng/u1
RT: 19.493 min Scan# 3795
Delta R.T. 0.008 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

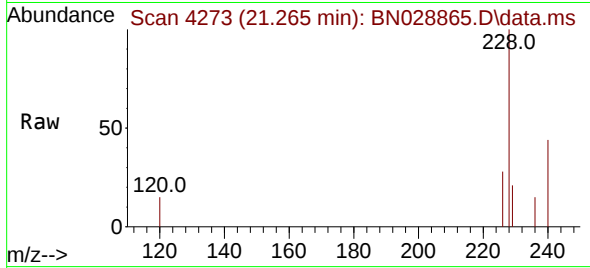
Tgt Ion:202 Resp: 18272
Ion Ratio Lower Upper
202 100
101 15.1 10.3 15.5
100 11.7 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.262 ng/u1
RT: 21.265 min Scan# 4271
Delta R.T. 0.010 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

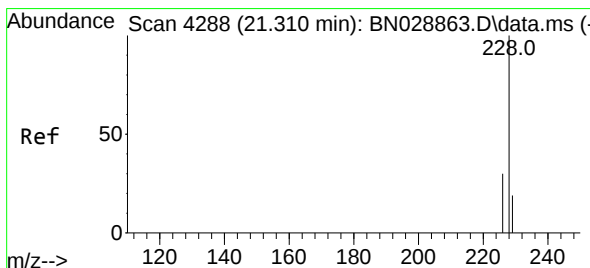
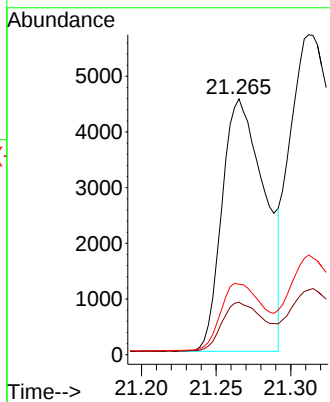
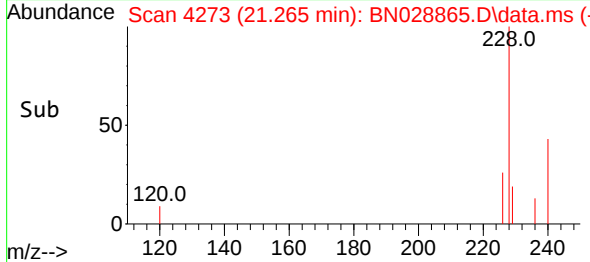
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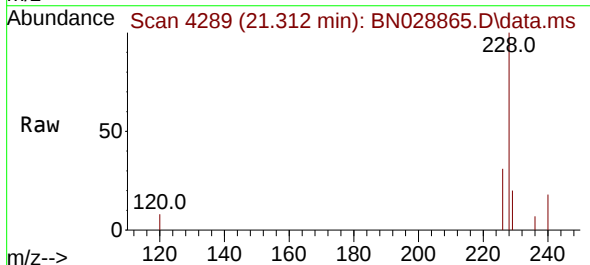
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Ion Ratio Lower Upper
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229 20.5 15.7 23.5
226 27.6 21.4 32.0

Manual Integrations
APPROVED

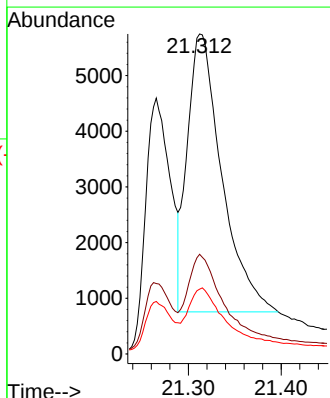
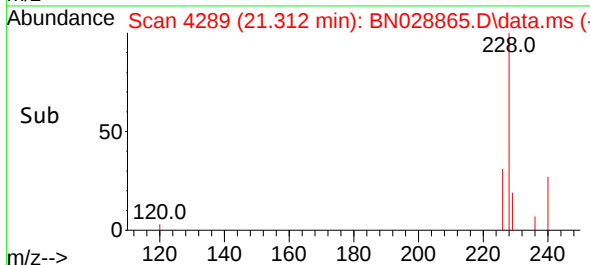
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

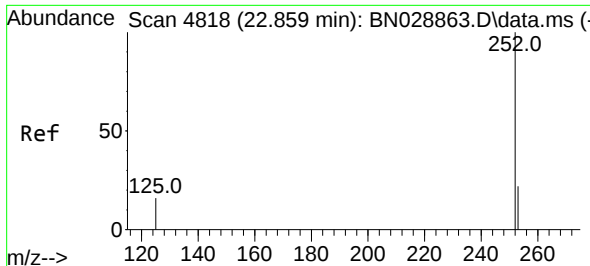


#22
Chrysene
Concen: 0.382 ng/u1
RT: 21.312 min Scan# 4289
Delta R.T. 0.007 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25



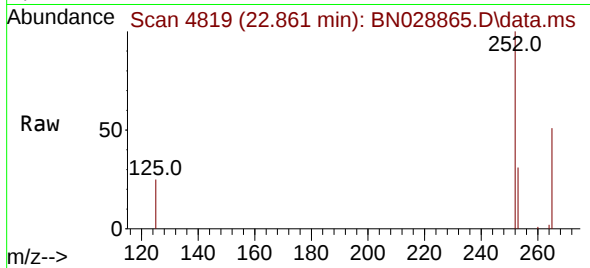
Tgt Ion:228 Resp: 12911
Ion Ratio Lower Upper
228 100
226 31.2 23.8 35.8
229 20.3 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 22.861 min Scan# 4819
Delta R.T. 0.007 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

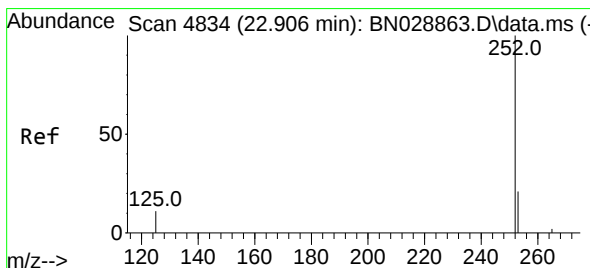
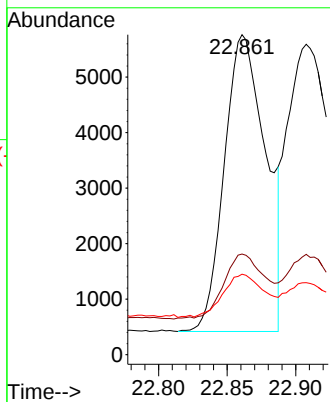
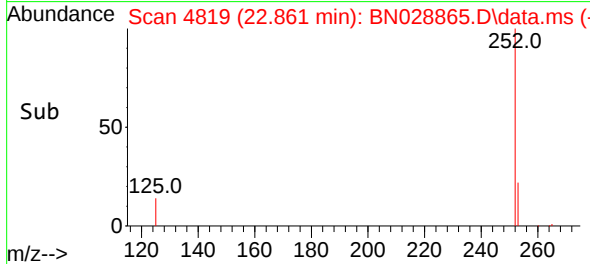
Instrument :
BNA_N
ClientSampleId :
SLCS174



Tgt Ion:252 Resp: 11229
Ion Ratio Lower Upper
252 100
253 31.4 0.0 46.6
125 25.2 0.0 27.6

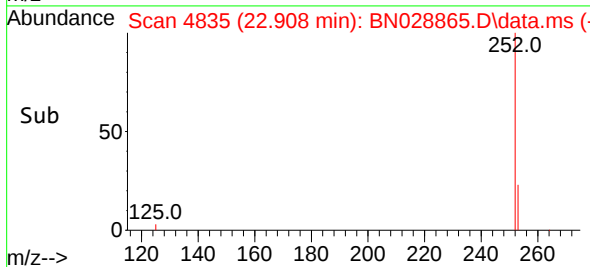
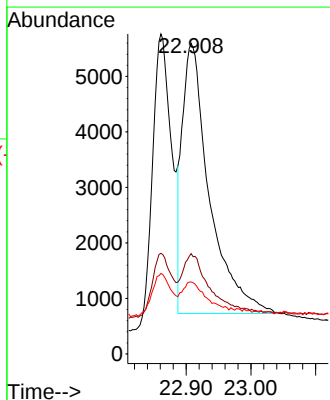
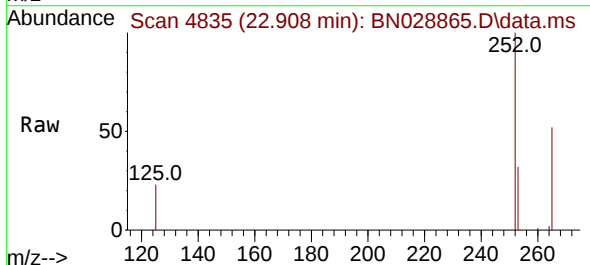
Manual Integrations
APPROVED

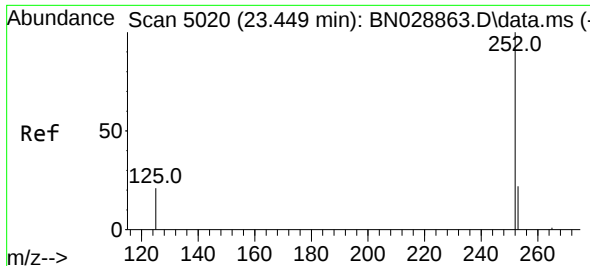
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul
RT: 22.908 min Scan# 4835
Delta R.T. 0.004 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

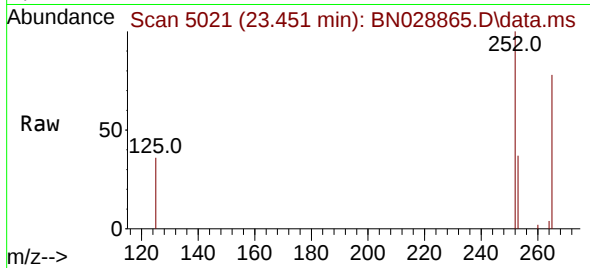
Tgt Ion:252 Resp: 14182
Ion Ratio Lower Upper
252 100
253 32.3 18.6 28.0#
125 23.2 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.402 ng/ul
RT: 23.451 min Scan# 5020
Delta R.T. 0.007 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

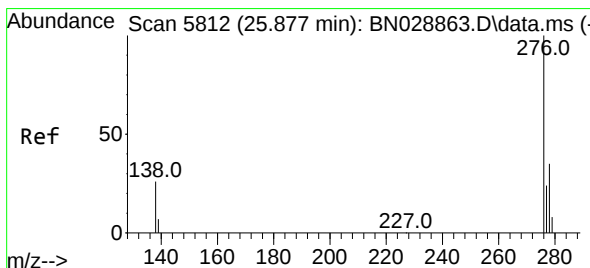
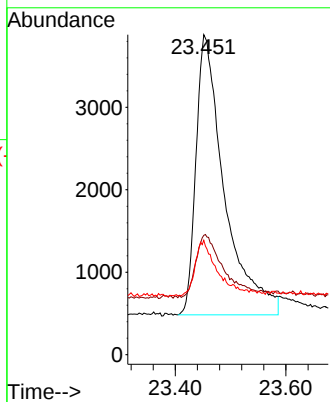
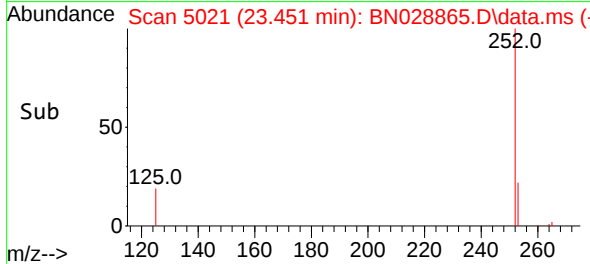
Instrument :
BNA_N
ClientSampleId :
SLCS174



Tgt Ion:252 Resp: 12150
Ion Ratio Lower Upper
252 100
253 37.3 19.0 28.6
125 35.7 13.2 19.8

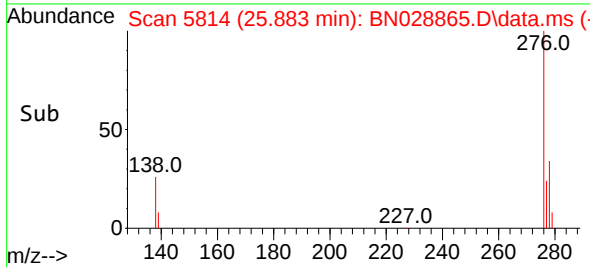
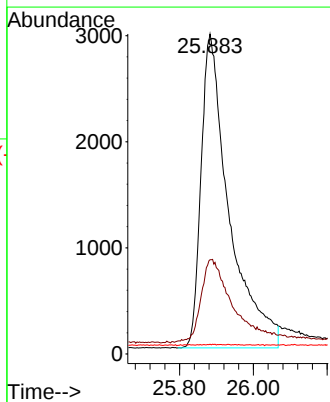
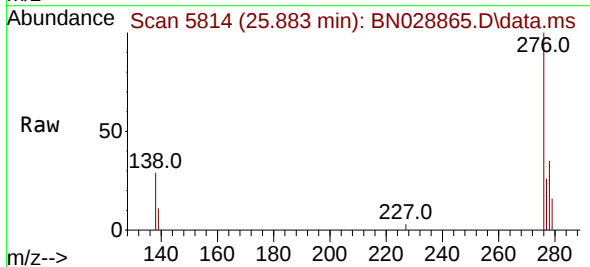
Manual Integrations
APPROVED

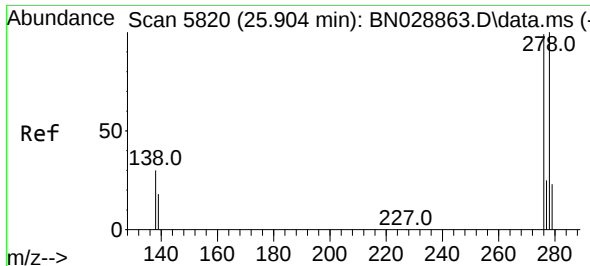
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.463 ng/ul
RT: 25.883 min Scan# 5814
Delta R.T. 0.008 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

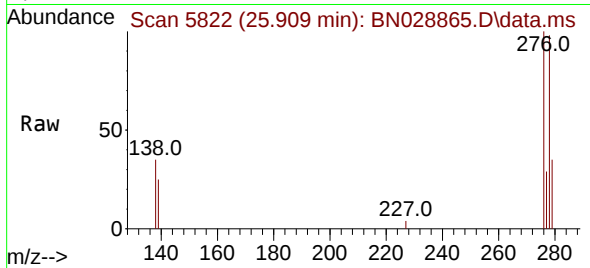
Tgt Ion:276 Resp: 15541
Ion Ratio Lower Upper
276 100
138 30.0 23.8 35.6
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.441 ng/ul
RT: 25.909 min Scan# 5820
Delta R.T. 0.012 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

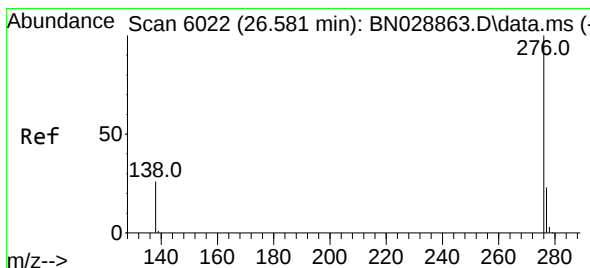
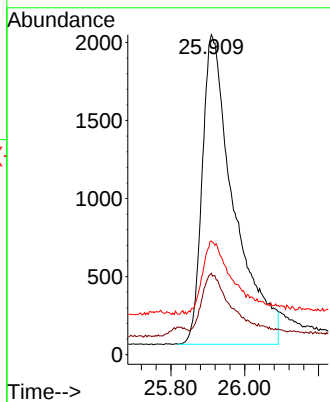
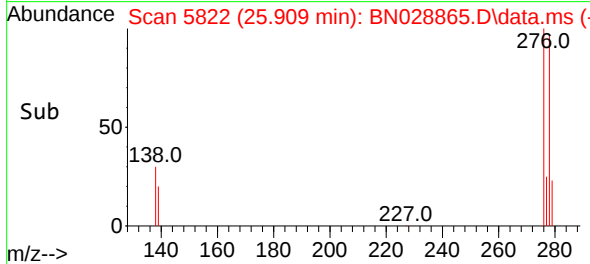
Instrument :
BNA_N
ClientSampleId :
SLCS174



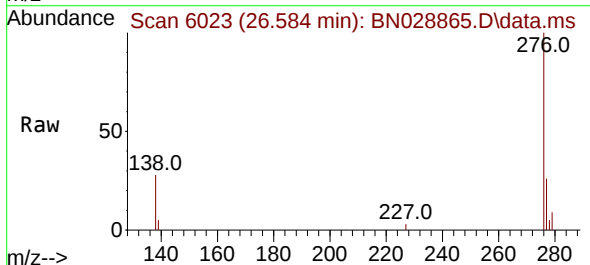
Tgt Ion:278 Resp: 1181
Ion Ratio Lower Upper
278 100
139 25.4 18.2 27.4
279 35.6 20.7 31.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#29
Benzo(g,h,i)perylene
Concen: 0.515 ng/ul
RT: 26.584 min Scan# 6023
Delta R.T. 0.005 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25



Tgt Ion:276 Resp: 14147
Ion Ratio Lower Upper
276 100
138 28.3 20.5 30.7
277 25.8 19.4 29.0

