

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
 Data File : BN028823.D
 Acq On : 21 Nov 2023 22:40
 Operator : MA/JU
 Sample : PB156953BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS953

Manual Integrations
 APPROVED

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

Quant Time: Nov 21 23:53:14 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	7.829	152	5761m	0.400	ng/ul	0.09
4) Naphthalene-d8	10.484	136	16917m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.303	164	11625	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.069	188	18738	0.400	ng/ul	0.00
17) Chrysene-d12	21.273	240	18018	0.400	ng/ul	0.00
23) Perylene-d12	23.547	264	16983	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	5027m	0.790	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.101	152	6931m	0.272	ng/ul	0.03
18) Fluoranthene-d10	19.099	212	22724	0.392	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.141	88	14739m	2.094	ng/ul	
5) Naphthalene	10.534	128	13400	0.283	ng/ul#	94
7) 2-Methylnaphthalene	12.173	142	7664m	0.245	ng/ul	
8) 1-Methylnaphthalene	12.349	142	8326	0.263	ng/ul	99
10) Acenaphthylene	14.030	152	18715	0.323	ng/ul	97
11) Acenaphthene	14.363	153	14741	0.345	ng/ul	98
12) Fluorene	15.376	166	13465	0.271	ng/ul	98
14) Pentachlorophenol	16.723	266	3735	0.831	ng/ul	100
15) Phenanthrene	17.107	178	21088	0.366	ng/ul	97
16) Anthracene	17.217	178	13543	0.257	ng/ul#	93
19) Fluoranthene	19.127	202	27734	0.362	ng/ul	99
20) Pyrene	19.490	202	31612	0.398	ng/ul	98
21) Benzo(a)anthracene	21.258	228	19340	0.271	ng/ul	98
22) Chrysene	21.311	228	24021	0.345	ng/ul	99
24) Benzo(b)fluoranthene	22.860	252	21528	0.338	ng/ul	89
25) Benzo(k)fluoranthene	22.903	252	26272	0.394	ng/ul#	92
26) Benzo(a)pyrene	23.447	252	21961	0.365	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.881	276	25022	0.375	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.911	278	18963	0.355	ng/ul	95
29) Benzo(g,h,i)perylene	26.589	276	21641	0.395	ng/ul	99

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

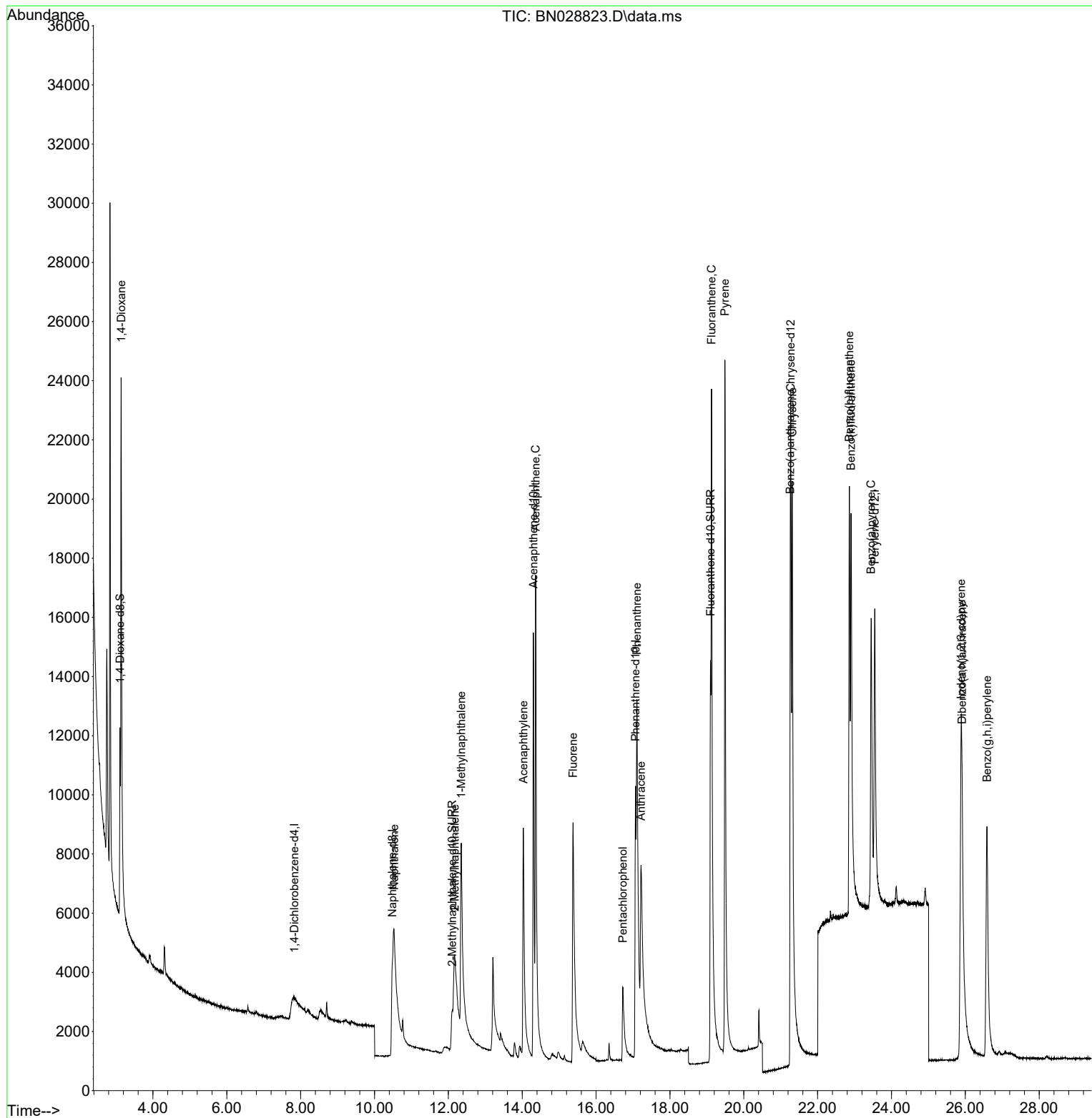
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028823.D
Acq On : 21 Nov 2023 22:40
Operator : MA/JU
Sample : PB156953BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

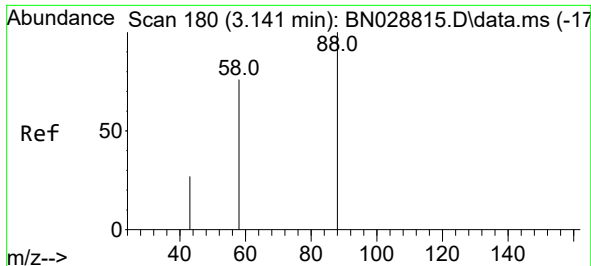
Instrument :
BNA_N
ClientSampleId :
SLCS953

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

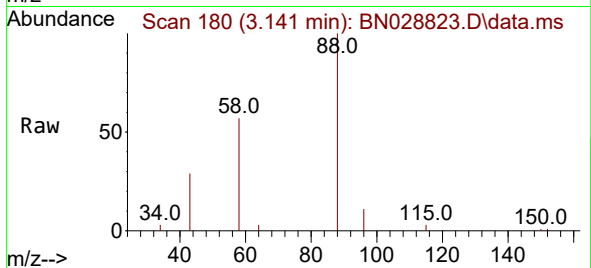
Quant Time: Nov 21 23:53:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.094 ng/ul m
RT: 3.141 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40

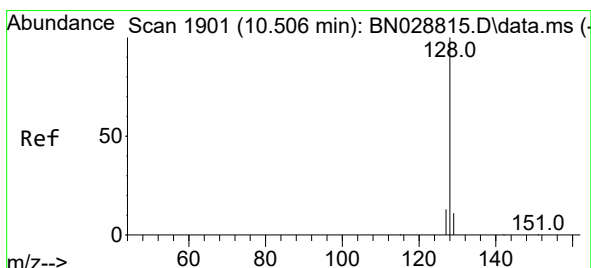
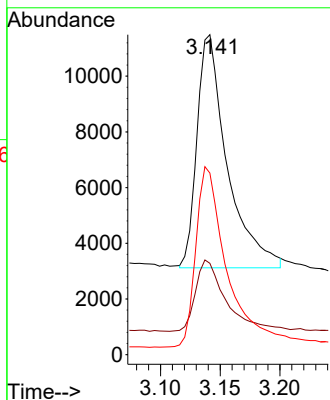
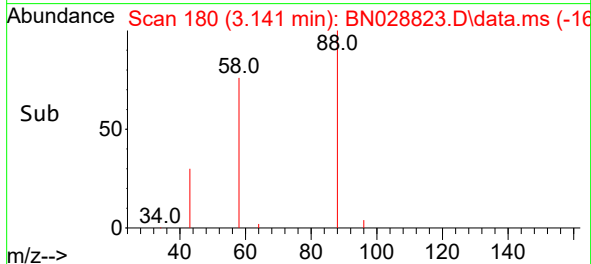
Instrument :
BNA_N
ClientSampleId :
SLCS953



Tgt Ion: 88 Resp: 14739
Ion Ratio Lower Upper
88 100
43 28.6 32.9 49.3
58 56.8 41.8 62.8

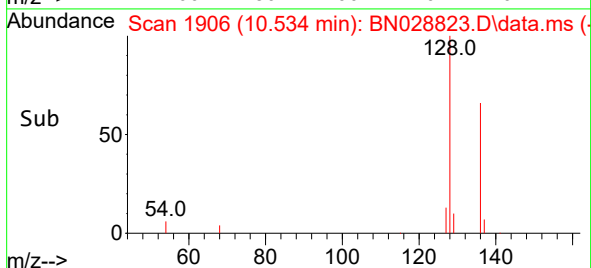
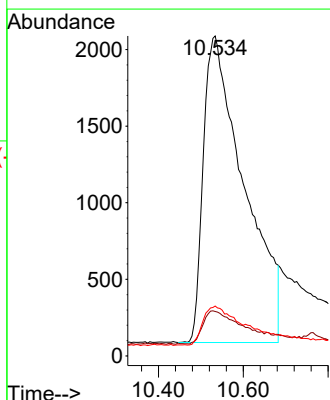
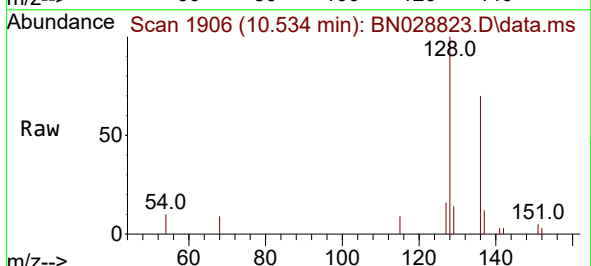
Manual Integrations
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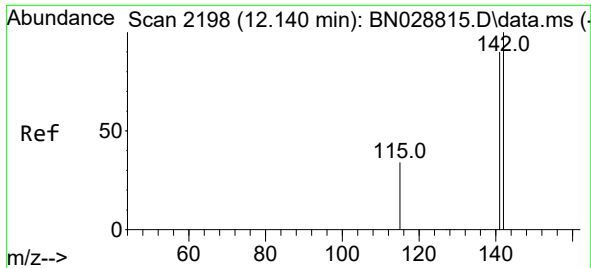
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#5
Naphthalene
Concen: 0.283 ng/ul
RT: 10.534 min Scan# 1906
Delta R.T. 0.027 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40

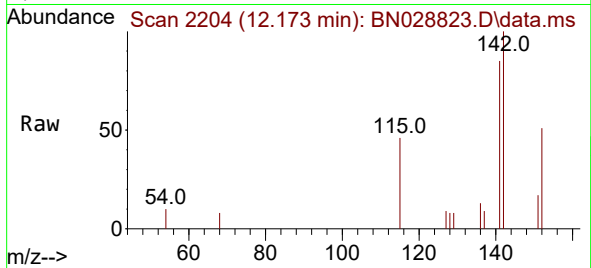
Tgt Ion:128 Resp: 13400
Ion Ratio Lower Upper
128 100
129 13.9 9.2 13.8
127 15.6 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.245 ng/ul m
RT: 12.173 min Scan# 2198
Delta R.T. 0.033 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40

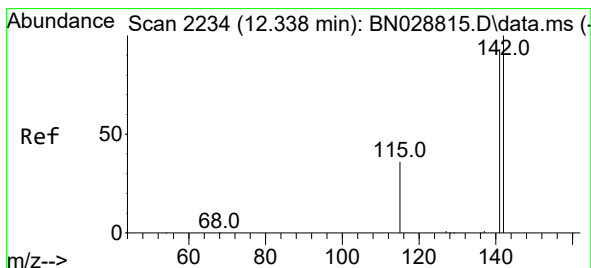
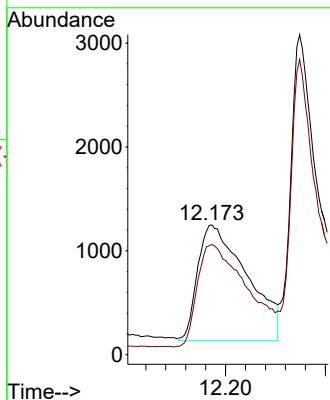
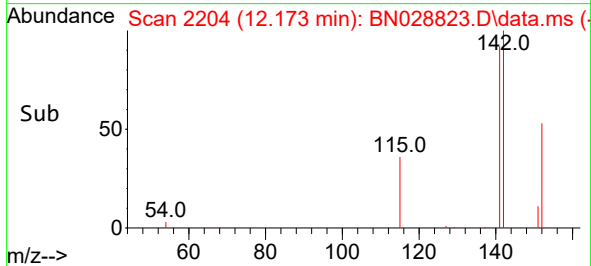
Instrument :
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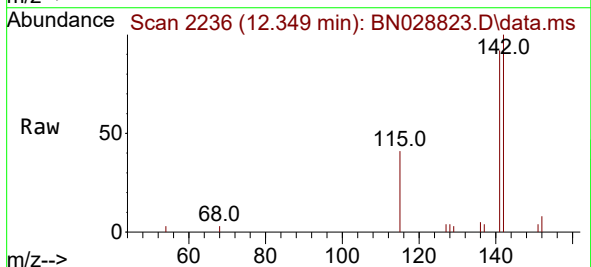
Tgt Ion:142 Resp: 7664
Ion Ratio Lower Upper
142 100
141 57.1 70.8 106.2

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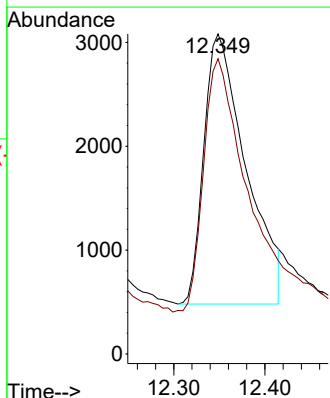
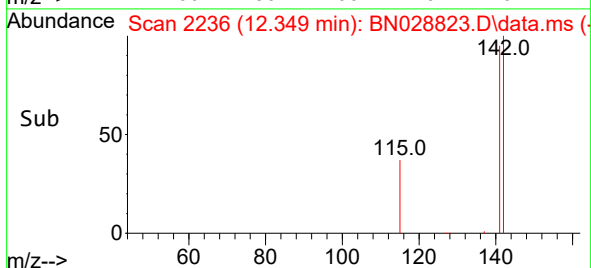
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

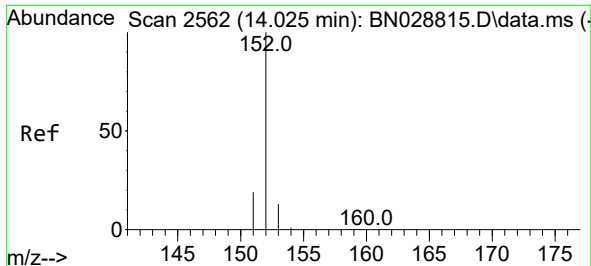


#8
1-Methylnaphthalene
Concen: 0.263 ng/ul
RT: 12.349 min Scan# 2236
Delta R.T. 0.011 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40



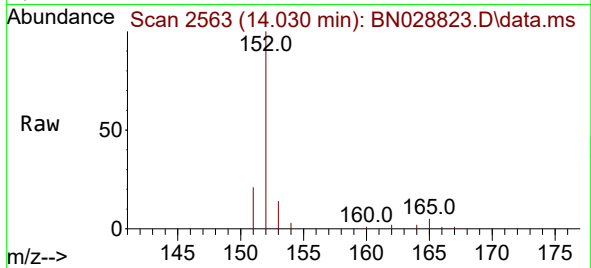
Tgt Ion:142 Resp: 8326
Ion Ratio Lower Upper
142 100
141 93.7 74.1 111.1





#10
Acenaphthylene
Concen: 0.323 ng/ul
RT: 14.030 min Scan# 2562
Delta R.T. 0.005 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40

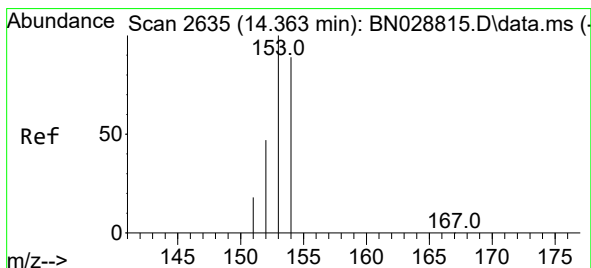
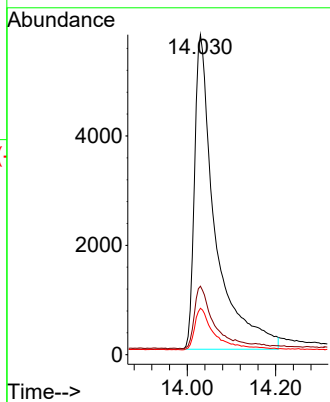
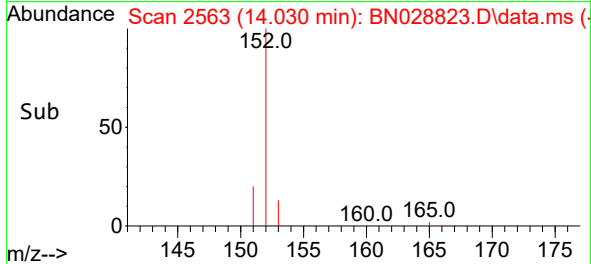
Instrument :
BNA_N
ClientSampleId :
SLCS953



Tgt Ion:152 Resp: 18715
Ion Ratio Lower Upper
152 100
151 21.4 16.1 24.1
153 14.5 10.6 15.8

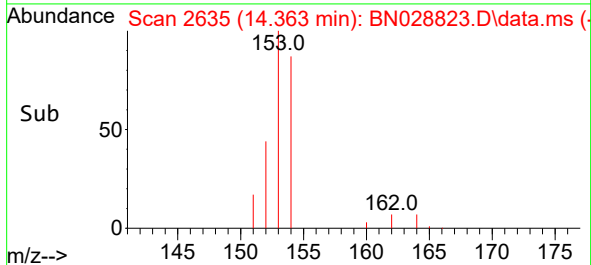
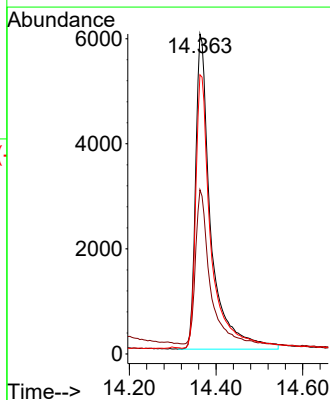
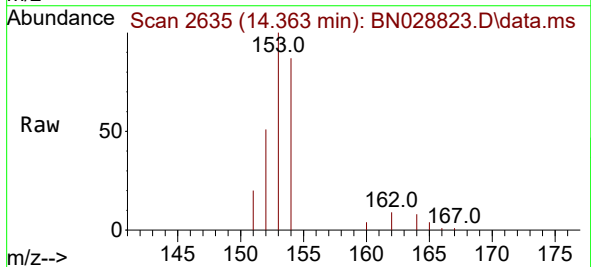
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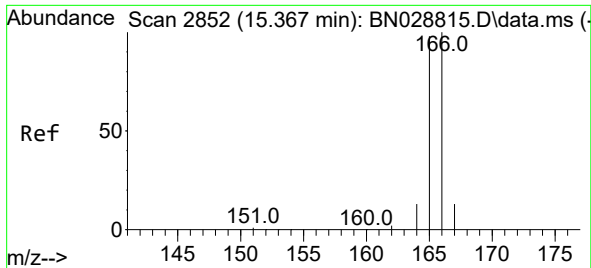
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.363 min Scan# 2635
Delta R.T. -0.000 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40

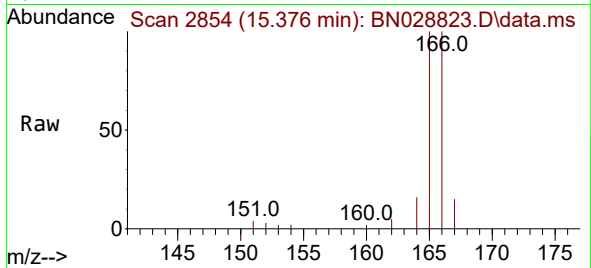
Tgt Ion:153 Resp: 14741
Ion Ratio Lower Upper
153 100
152 51.3 39.6 59.4
154 87.3 71.0 106.6





#12
Fluorene
Concen: 0.271 ng/ul
RT: 15.376 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40

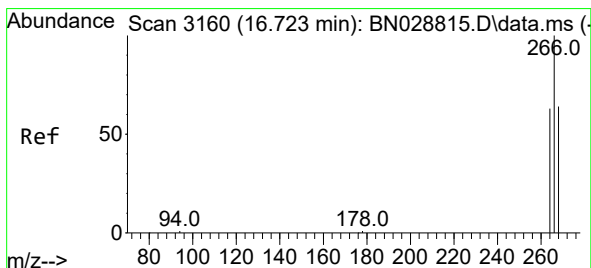
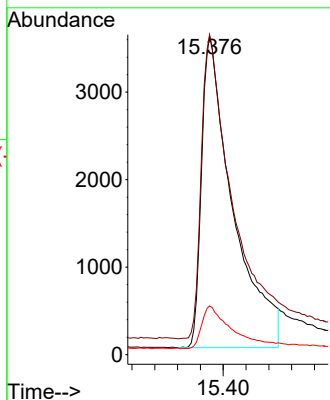
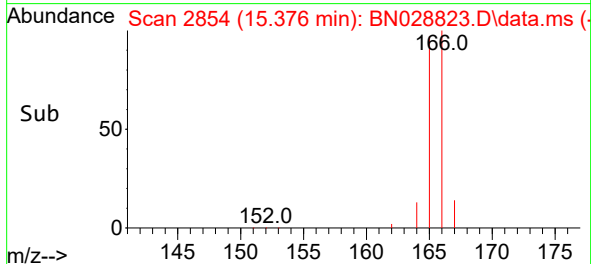
Instrument :
BNA_N
ClientSampleId :
SLCS953



Tgt Ion:166 Resp: 1346
Ion Ratio Lower Upper
166 100
165 100.3 78.6 118.0
167 15.3 11.0 16.6

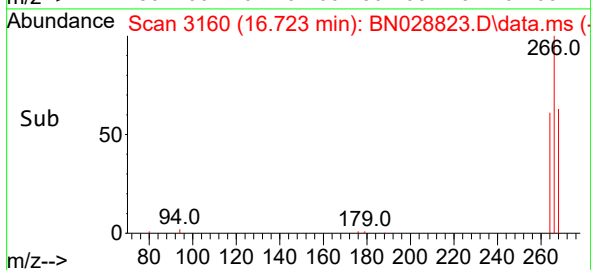
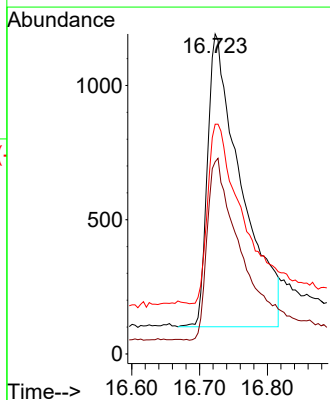
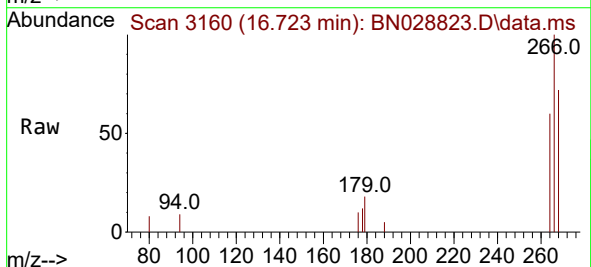
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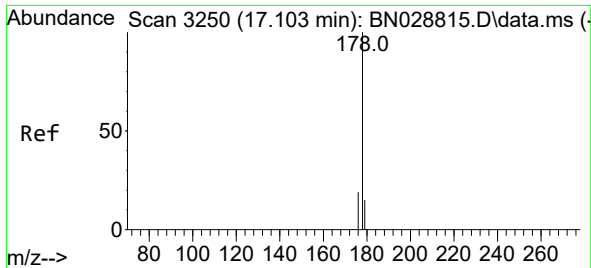
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#14
Pentachlorophenol
Concen: 0.831 ng/ul
RT: 16.723 min Scan# 3160
Delta R.T. -0.000 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40

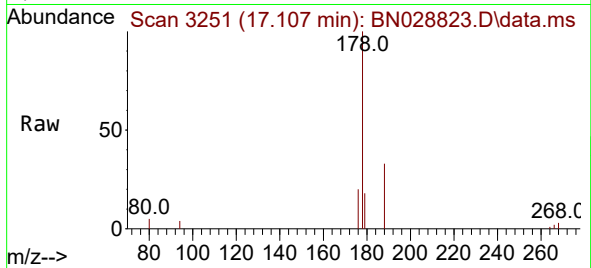
Tgt Ion:266 Resp: 3735
Ion Ratio Lower Upper
266 100
264 62.6 50.1 75.1
268 63.2 50.6 75.8





#15
Phenanthrene
Concen: 0.366 ng/ul
RT: 17.107 min Scan# 3250
Delta R.T. 0.004 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40

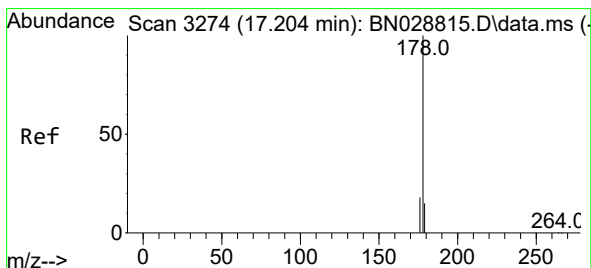
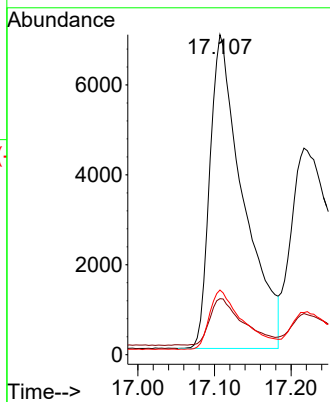
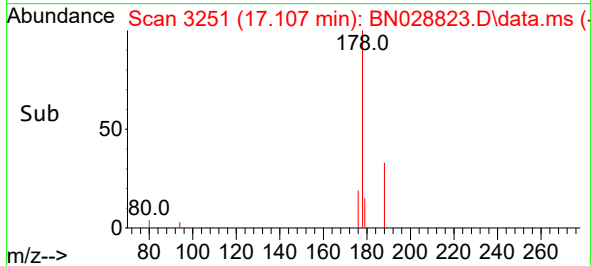
Instrument :
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SLCS953



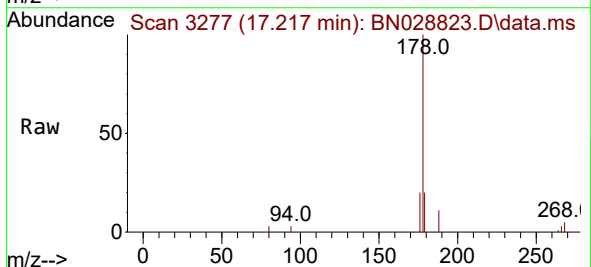
Tgt Ion:178 Resp: 21088
Ion Ratio Lower Upper
178 100
179 17.5 12.4 18.6
176 20.2 15.4 23.2

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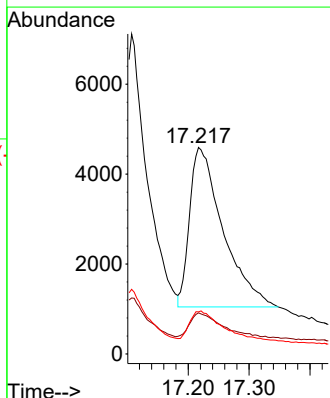
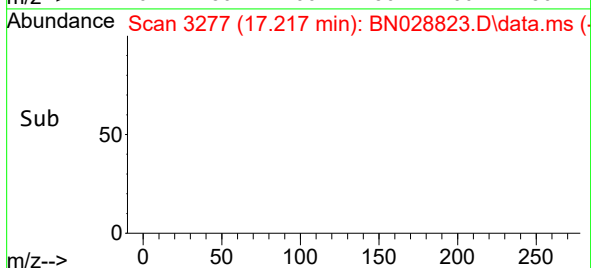
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

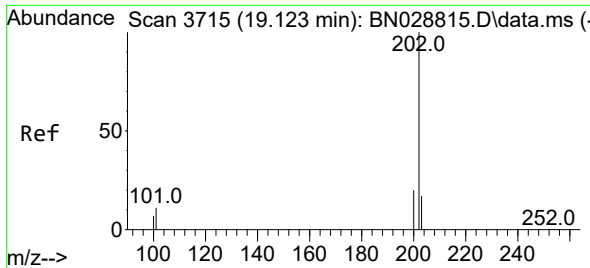


#16
Anthracene
Concen: 0.257 ng/ul
RT: 17.217 min Scan# 3277
Delta R.T. 0.013 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40



Tgt Ion:178 Resp: 13543
Ion Ratio Lower Upper
178 100
179 19.9 12.6 18.8#
176 20.4 14.9 22.3





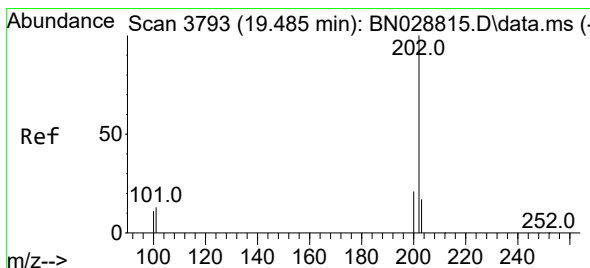
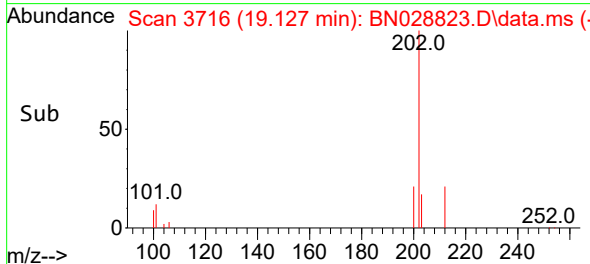
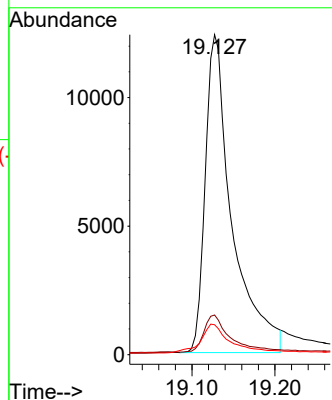
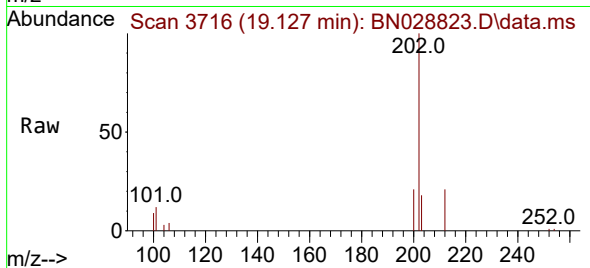
#19
Fluoranthene
Concen: 0.362 ng/u1
RT: 19.127 min Scan# 3715
Delta R.T. 0.005 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40

Instrument :
BNA_N
ClientSampleId :
SLCS953

Tgt Ion:202 Resp: 27734
Ion Ratio Lower Upper
202 100
101 12.4 9.5 14.3
100 9.3 7.2 10.8

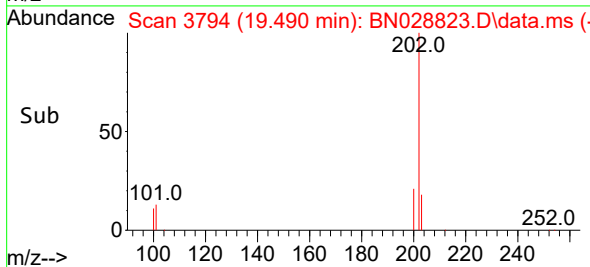
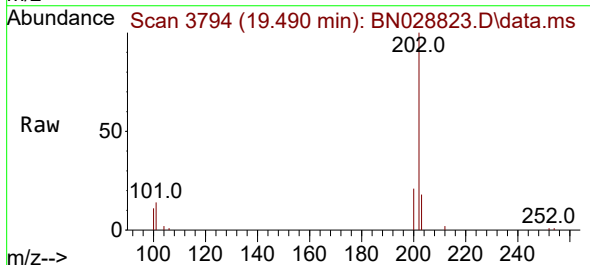
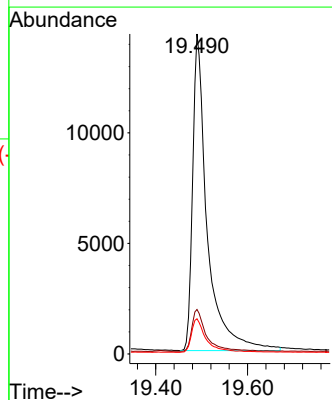
Manual Integrations
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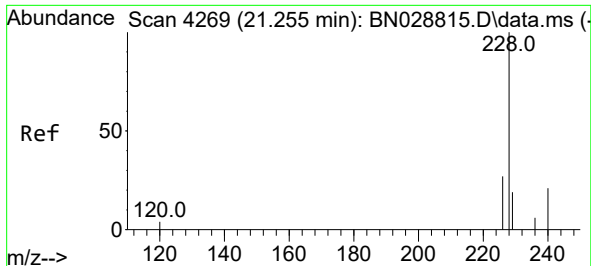
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#20
Pyrene
Concen: 0.398 ng/u1
RT: 19.490 min Scan# 3794
Delta R.T. 0.005 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40

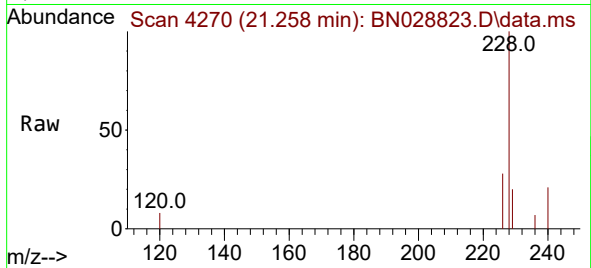
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Ion Ratio Lower Upper
202 100
101 13.9 10.3 15.5
100 11.0 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.271 ng/ul
RT: 21.258 min Scan# 4269
Delta R.T. 0.003 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40

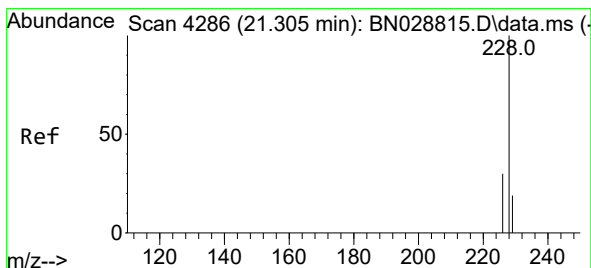
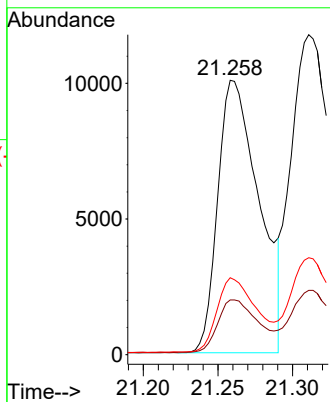
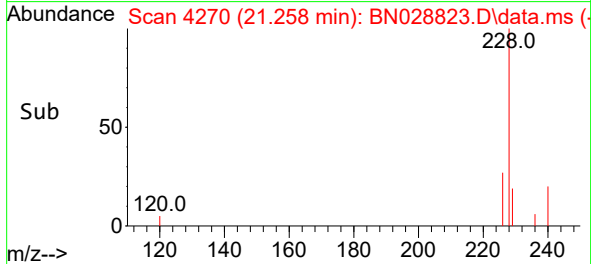
Instrument :
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Tgt Ion:228 Resp: 19340
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 28.1 21.4 32.0

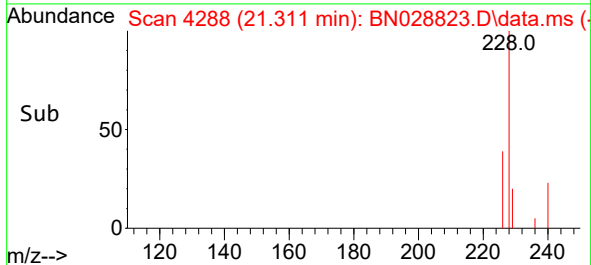
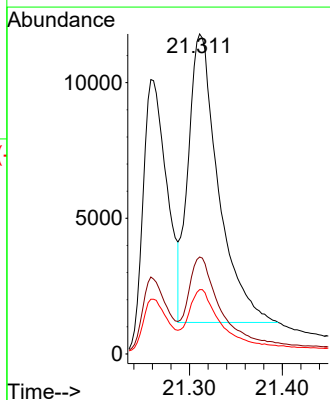
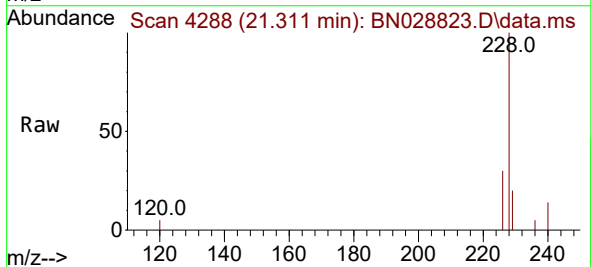
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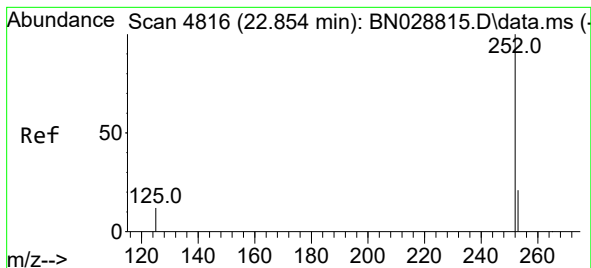
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.311 min Scan# 4288
Delta R.T. 0.006 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40

Tgt Ion:228 Resp: 24021
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 20.1 15.4 23.2





#24

Benzo(b)fluoranthene

Concen: 0.338 ng/ul

RT: 22.860 min Scan# 4816

Delta R.T. 0.006 min

Lab File: BN028823.D

Acq: 21 Nov 2023 22:40

Instrument :

BNA_N

ClientSampleId :

SLCS953

Tgt Ion:252 Resp: 21528

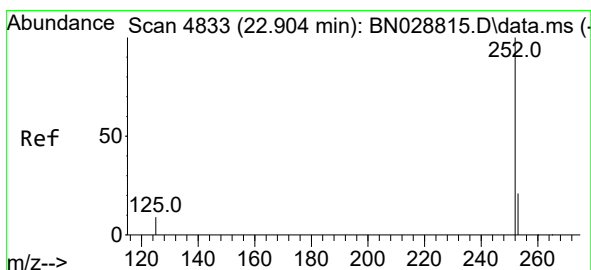
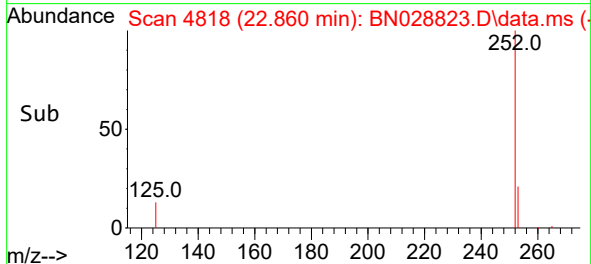
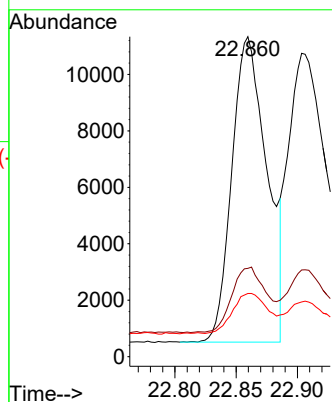
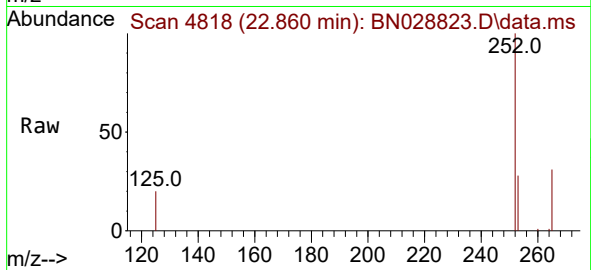
Ion	Ratio	Lower	Upper
252	100		
253	27.6	0.0	46.6
125	19.8	0.0	27.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#25

Benzo(k)fluoranthene

Concen: 0.394 ng/ul

RT: 22.903 min Scan# 4833

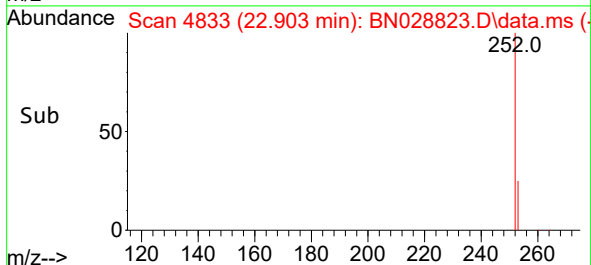
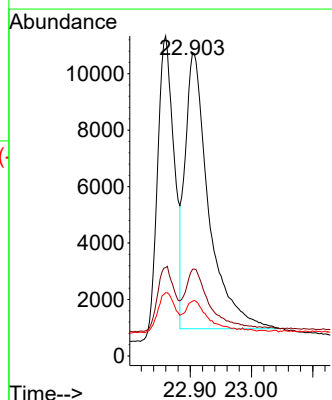
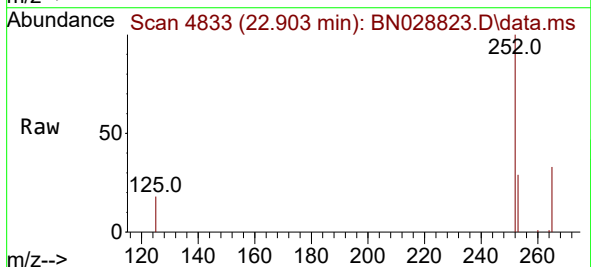
Delta R.T. -0.000 min

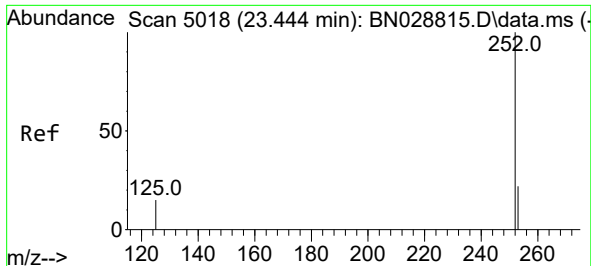
Lab File: BN028823.D

Acq: 21 Nov 2023 22:40

Tgt Ion:252 Resp: 26272

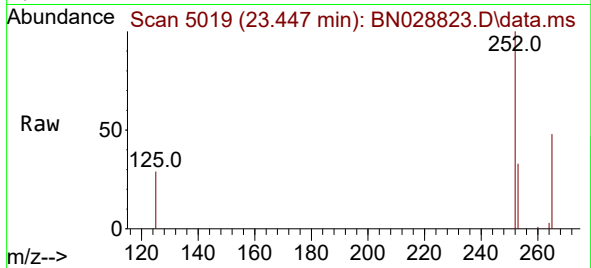
Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.6	28.0#
125	18.0	12.7	19.1





#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.447 min Scan# 5018
Delta R.T. 0.003 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40

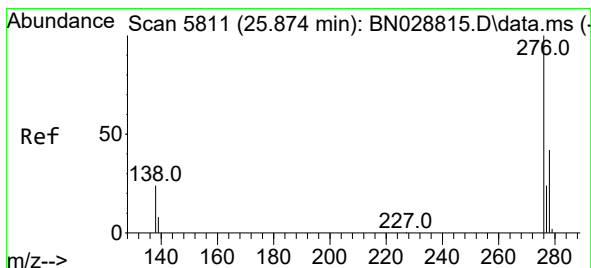
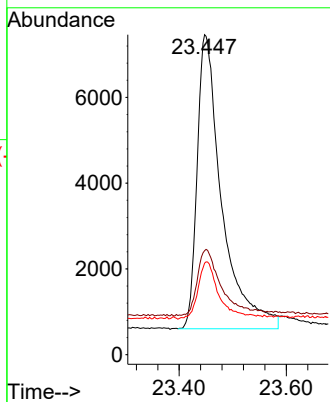
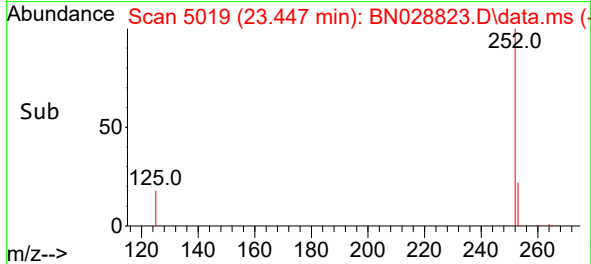
Instrument :
BNA_N
ClientSampleId :
SLCS953



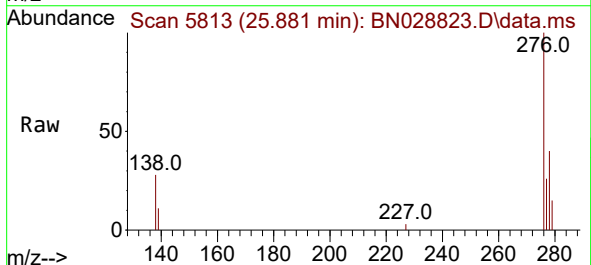
Tgt Ion:252 Resp: 2196
Ion Ratio Lower Upper
252 100
253 32.5 19.0 28.6
125 28.6 13.2 19.8

Manual Integrations
APPROVED

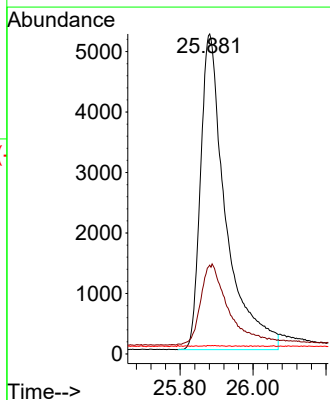
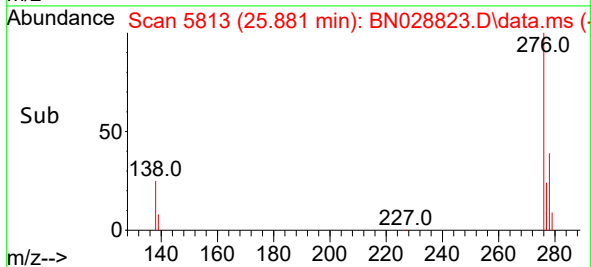
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

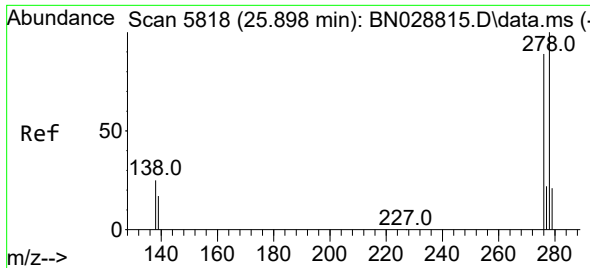


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 25.881 min Scan# 5813
Delta R.T. 0.007 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40



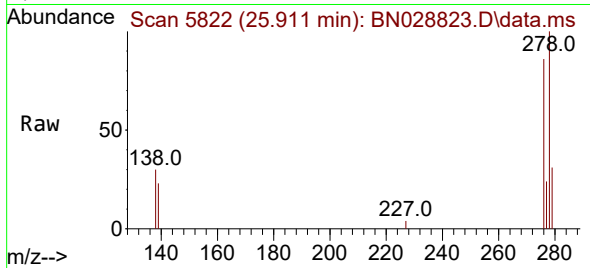
Tgt Ion:276 Resp: 25022
Ion Ratio Lower Upper
276 100
138 28.6 23.8 35.6
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.355 ng/ul
RT: 25.911 min Scan# 5822
Delta R.T. 0.013 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40

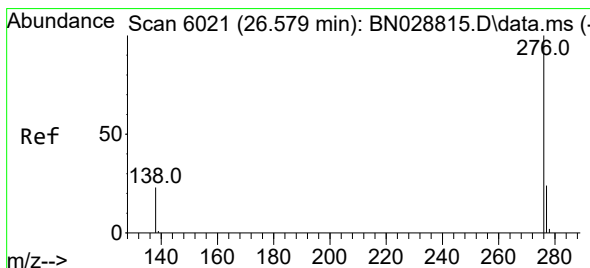
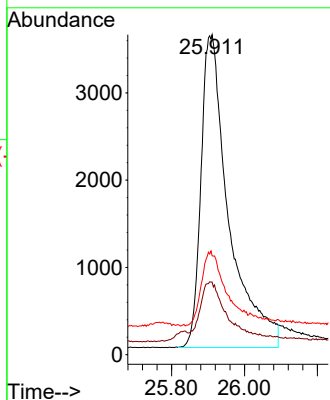
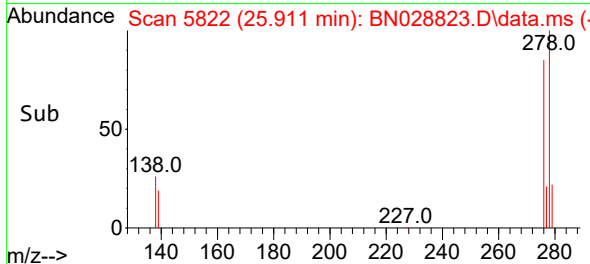
Instrument :
BNA_N
ClientSampleId :
SLCS953



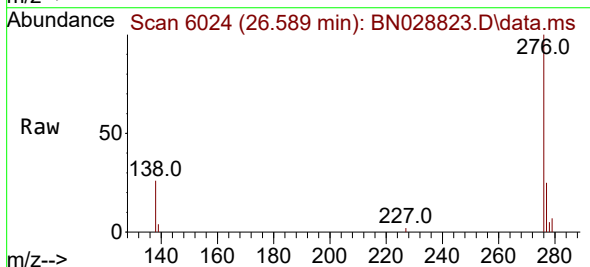
Tgt Ion:278 Resp: 1896
Ion Ratio Lower Upper
278 100
139 22.7 18.2 27.4
279 30.9 20.7 31.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 26.589 min Scan# 6024
Delta R.T. 0.010 min
Lab File: BN028823.D
Acq: 21 Nov 2023 22:40



Tgt Ion:276 Resp: 21641
Ion Ratio Lower Upper
276 100
138 26.0 20.5 30.7
277 25.2 19.4 29.0

