

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027829.D
 Acq On : 22 Sep 2023 17:52
 Operator : MA/JU
 Sample : 04387-03
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 22 18:41:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5598	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	19404	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	11960	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	27348	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	22283	0.400	ng/ul	0.00
23) Perylene-d12	24.070	264	19736	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	29739	4.217	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	11716	0.398	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	31168	0.458	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	1788	0.032	ng/ul#	82
7) 2-Methylnaphthalene	12.473	142	1387	0.039	ng/ul	97
8) 1-Methylnaphthalene	12.692	142	1181	0.033	ng/ul	98
10) Acenaphthylene	14.370	152	1168	0.022	ng/ul#	66
15) Phenanthrene	17.434	178	9516	0.111	ng/ul	96
19) Fluoranthene	19.445	202	23944	0.266	ng/ul	97
20) Pyrene	19.813	202	20712m	0.223	ng/ul	
21) Benzo(a)anthracene	21.554	228	9234	0.107	ng/ul#	90
22) Chrysene	21.612	228	11260	0.126	ng/ul#	91
24) Benzo(b)fluoranthene	23.296	252	15114m	0.172	ng/ul	
25) Benzo(k)fluoranthene	23.340	252	5941m	0.070	ng/ul	
26) Benzo(a)pyrene	23.953	252	8609	0.122	ng/ul#	37
27) Indeno(1,2,3-cd)pyrene	26.690	276	6416	0.071	ng/ul#	43
29) Benzo(g,h,i)perylene	27.515	276	7369	0.096	ng/ul#	41

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

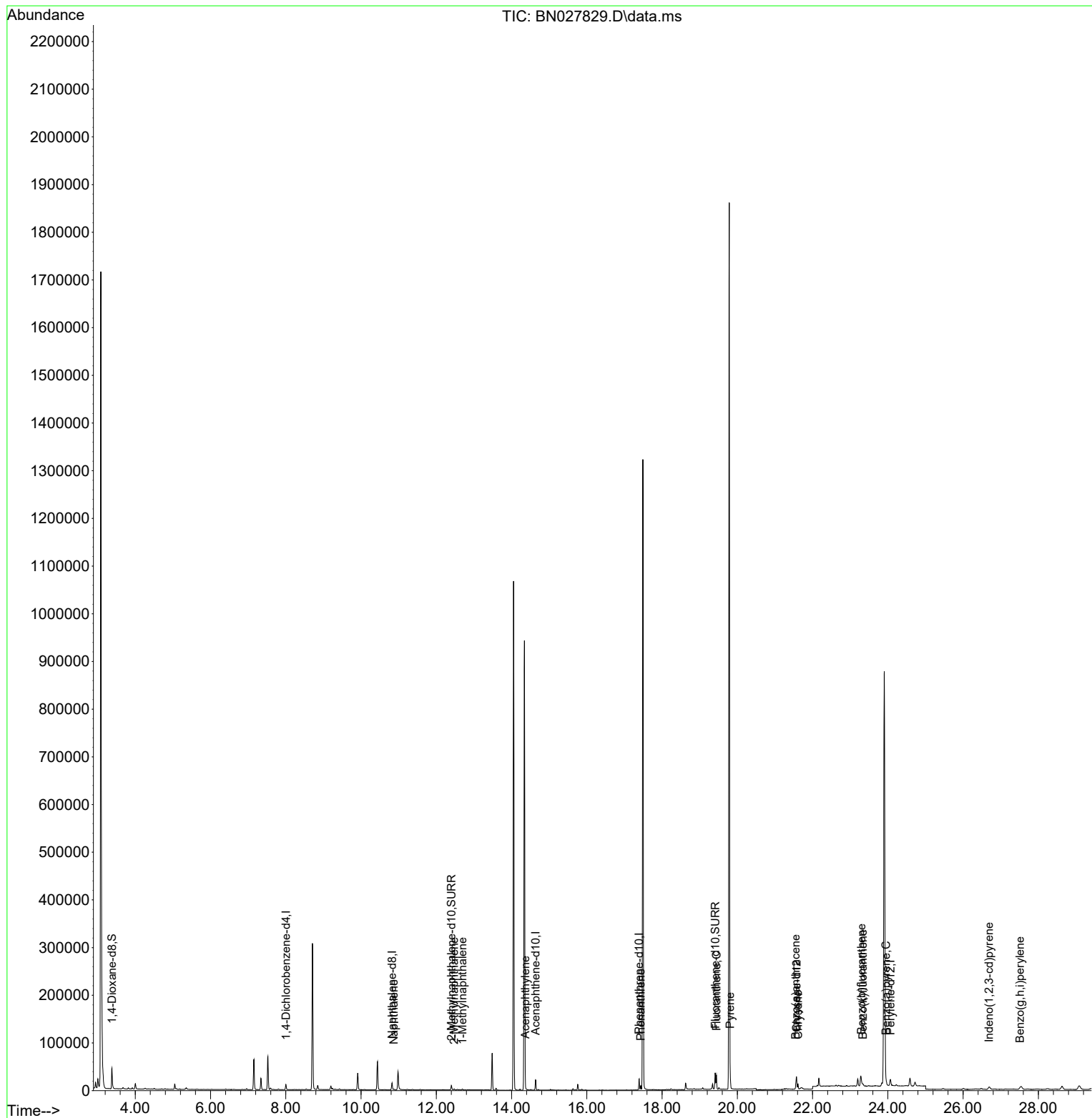
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027829.D
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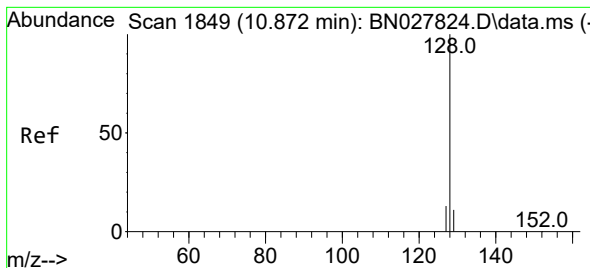
Instrument :
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#5

Naphthalene

Concen: 0.032 ng/ul

RT: 10.872 min Scan# 1849

Delta R.T. -0.005 min

Lab File: BN027829.D

Acq: 22 Sep 2023 17:52

Instrument :

BNA_N

ClientSampleId :

C0AA5

Tgt Ion:128 Resp: 178

Ion Ratio Lower Upper

128 100

129 21.5 9.3 13.9

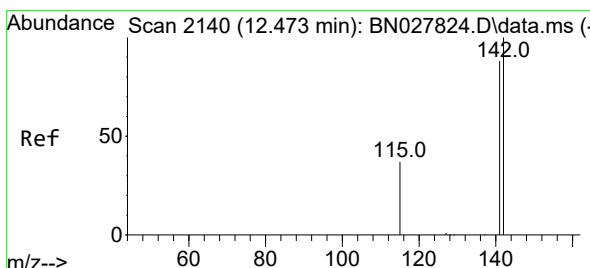
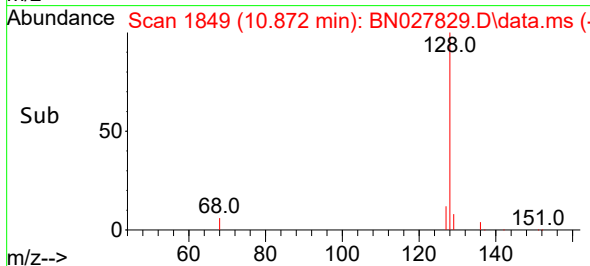
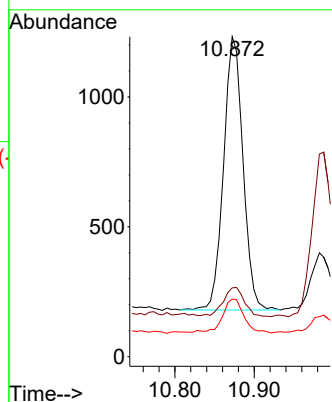
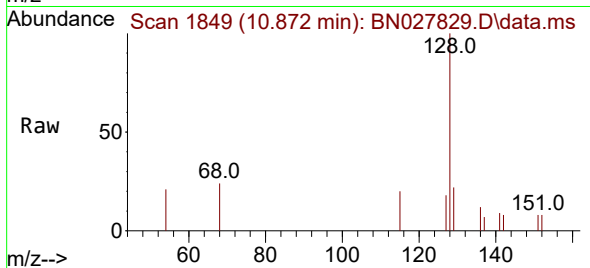
127 18.0 10.7 16.1

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/25/2023



#7

2-Methylnaphthalene

Concen: 0.039 ng/ul

RT: 12.473 min Scan# 2140

Delta R.T. -0.005 min

Lab File: BN027829.D

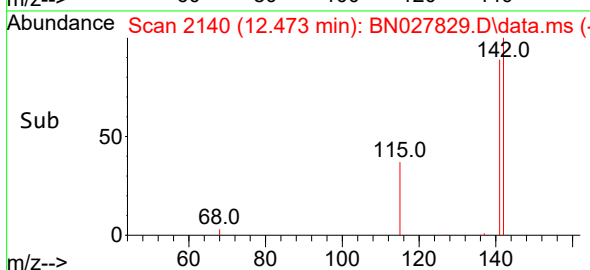
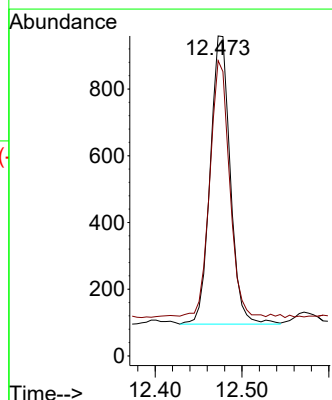
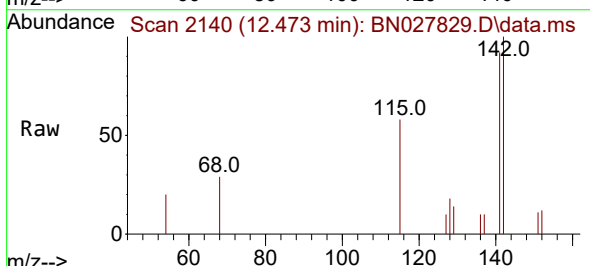
Acq: 22 Sep 2023 17:52

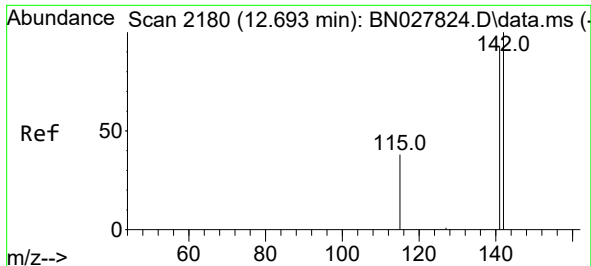
Tgt Ion:142 Resp: 1387

Ion Ratio Lower Upper

142 100

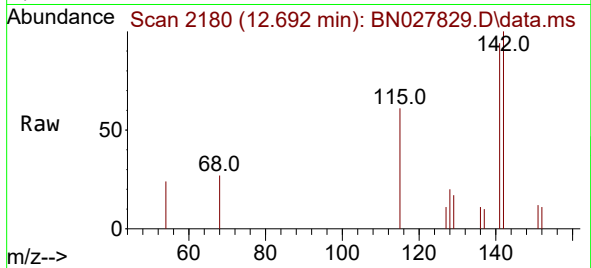
141 86.4 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.692 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027829.D
Acq: 22 Sep 2023 17:52

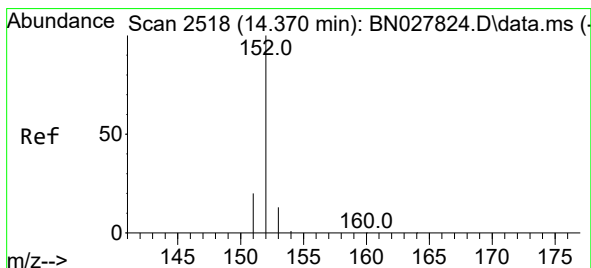
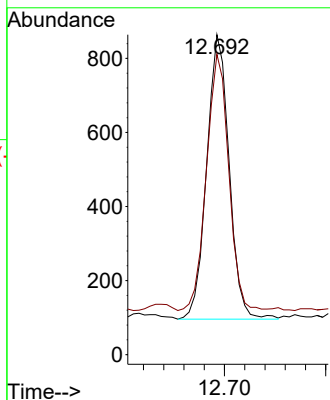
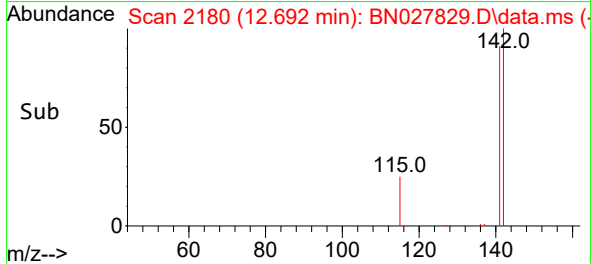
Instrument :
BNA_N
ClientSampleId :
C0AA5



Tgt Ion:142 Resp: 118
Ion Ratio Lower Upper
142 100
141 89.2 72.8 109.2

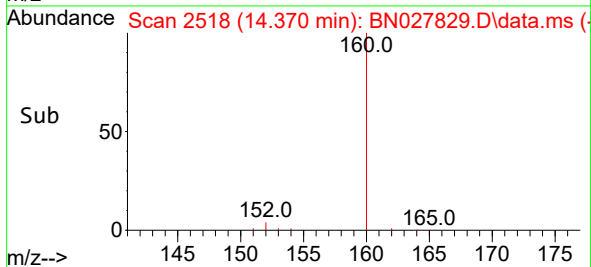
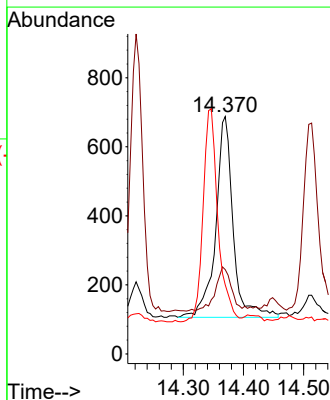
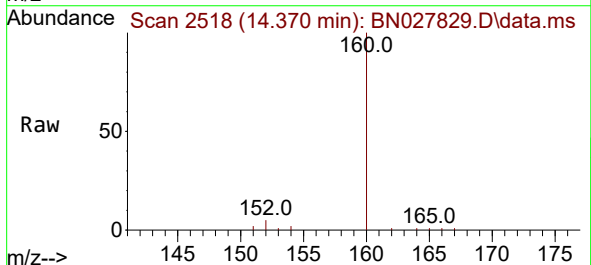
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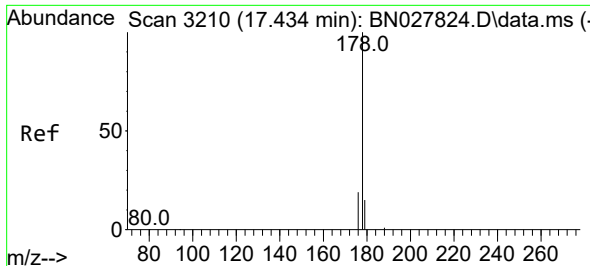
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027829.D
Acq: 22 Sep 2023 17:52

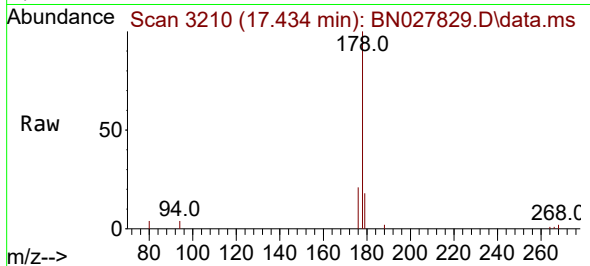
Tgt Ion:152 Resp: 1168
Ion Ratio Lower Upper
152 100
151 35.5 16.6 25.0#
153 29.1 11.0 16.6#





#15
Phenanthrene
Concen: 0.111 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027829.D
Acq: 22 Sep 2023 17:52

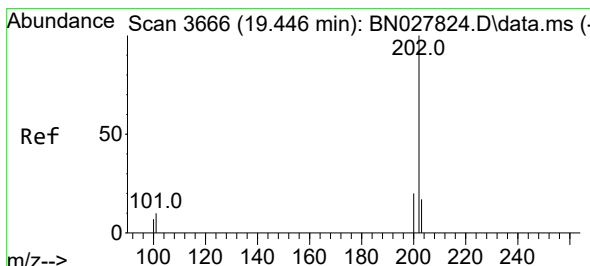
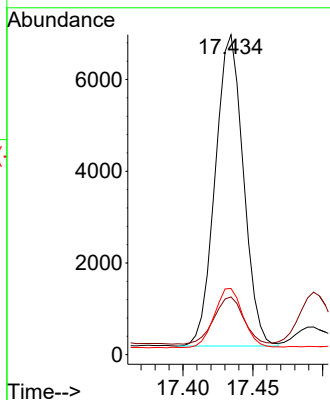
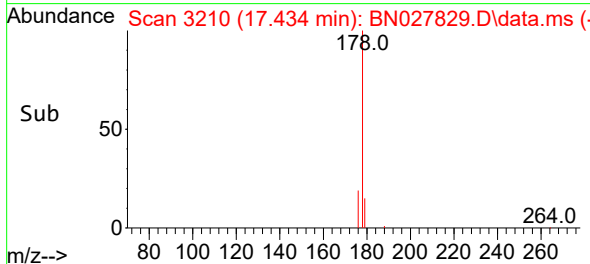
Instrument :
BNA_N
ClientSampleId :
C0AA5



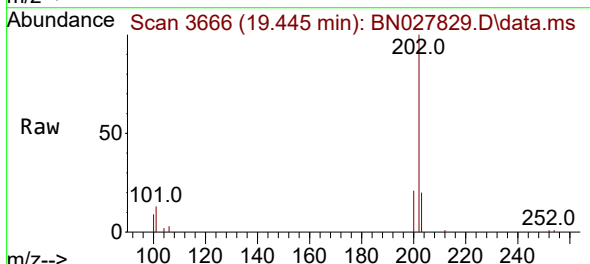
Tgt Ion:178 Resp: 9510
Ion Ratio Lower Upper
178 100
179 18.0 12.4 18.6
176 20.7 16.0 24.0

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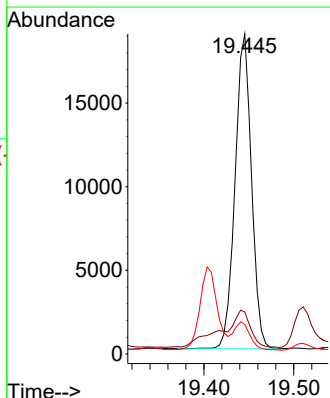
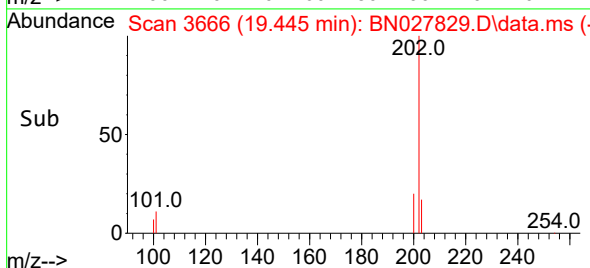
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

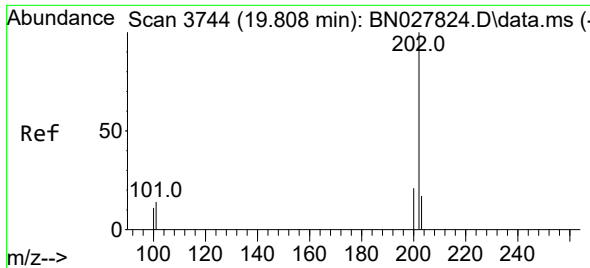


#19
Fluoranthene
Concen: 0.266 ng/ul
RT: 19.445 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN027829.D
Acq: 22 Sep 2023 17:52



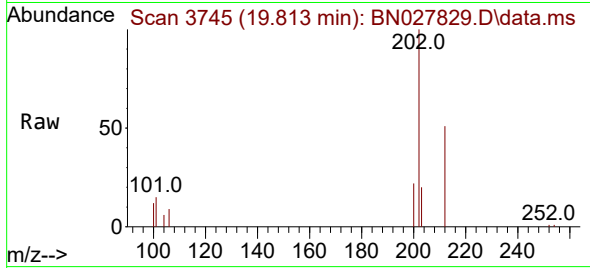
Tgt Ion:202 Resp: 23944
Ion Ratio Lower Upper
202 100
101 13.1 9.3 13.9
100 9.2 7.0 10.4





#20
Pyrene
Concen: 0.223 ng/ul m
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027829.D
Acq: 22 Sep 2023 17:52

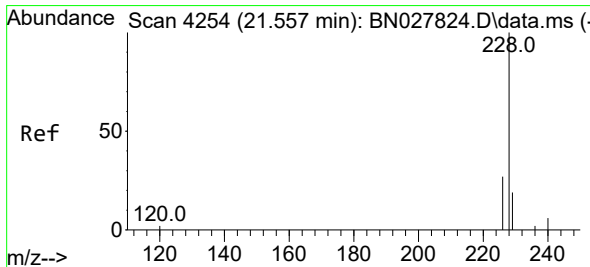
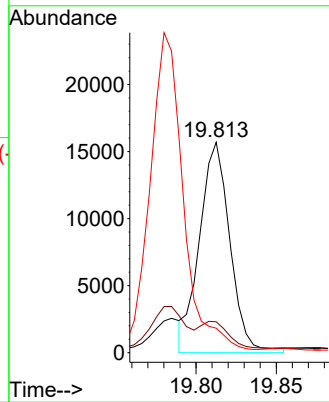
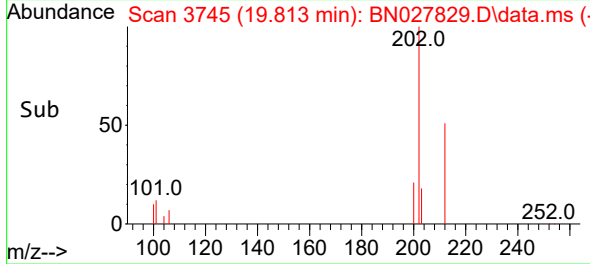
Instrument :
BNA_N
ClientSampleId :
C0AA5



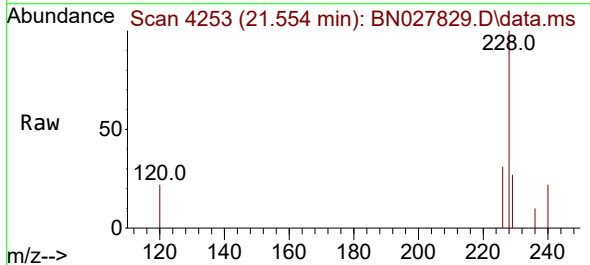
Tgt Ion:202 Resp: 2071
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.0
100 11.6 9.1 13.7

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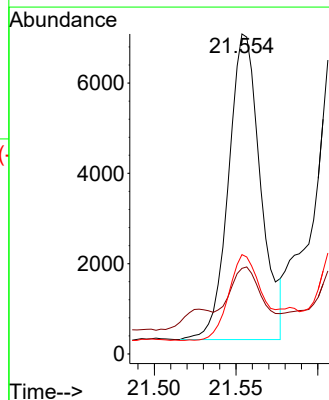
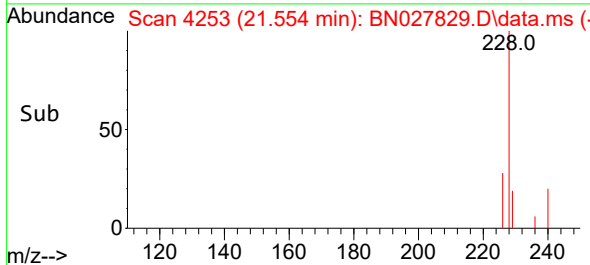
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

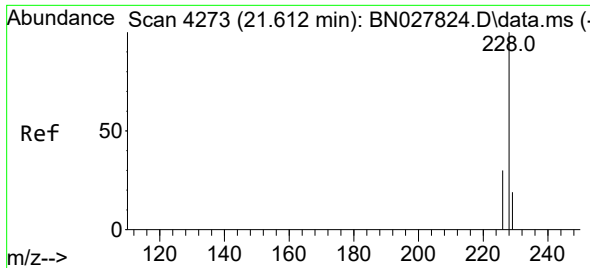


#21
Benzo(a)anthracene
Concen: 0.107 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027829.D
Acq: 22 Sep 2023 17:52



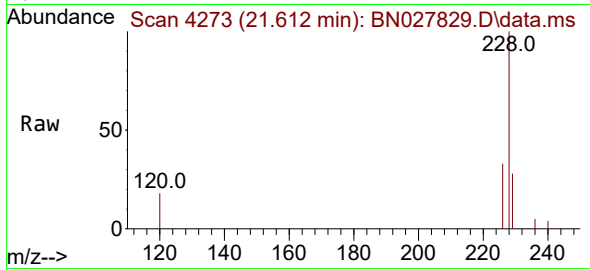
Tgt Ion:228 Resp: 9234
Ion Ratio Lower Upper
228 100
229 26.7 15.8 23.8#
226 31.0 22.0 33.0





#22
Chrysene
Concen: 0.126 ng/ul
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027829.D
Acq: 22 Sep 2023 17:52

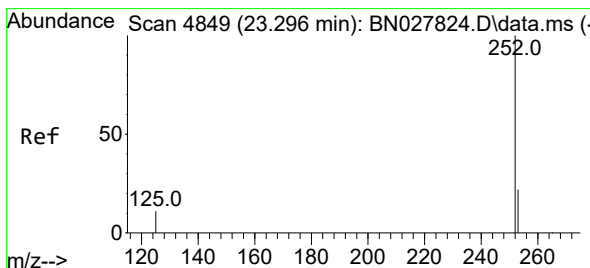
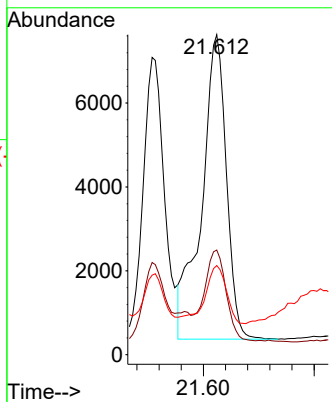
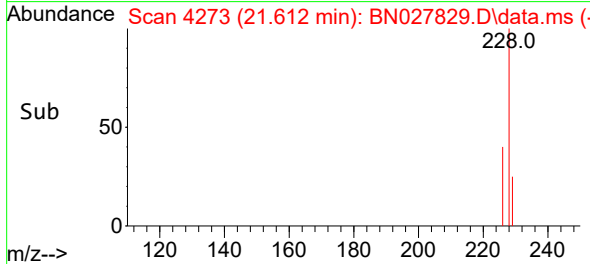
Instrument :
BNA_N
ClientSampleId :
C0AA5



Tgt Ion:228 Resp: 11260
Ion Ratio Lower Upper
228 100
226 32.7 24.5 36.7
229 27.8 16.0 24.0

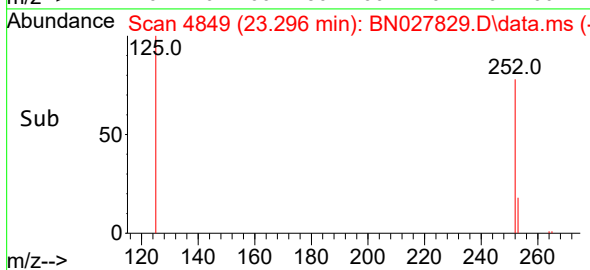
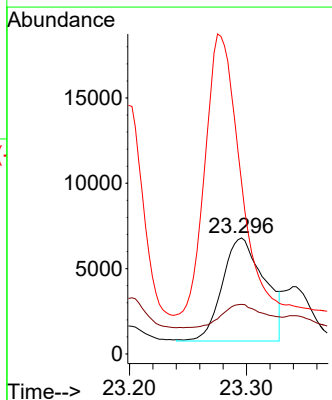
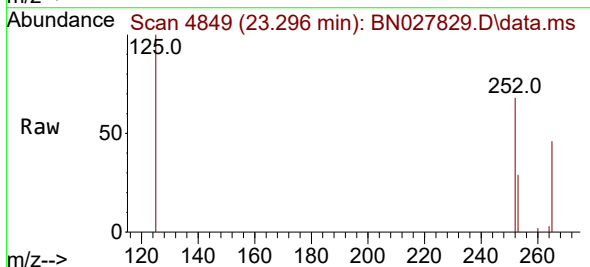
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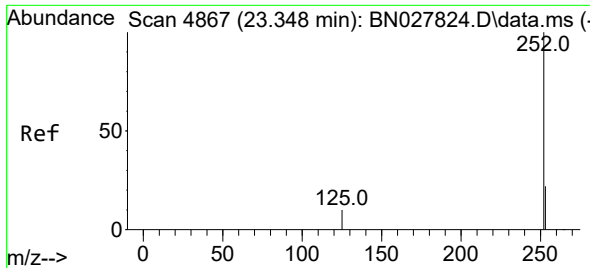
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#24
Benzo(b)fluoranthene
Concen: 0.172 ng/ul m
RT: 23.296 min Scan# 4849
Delta R.T. 0.006 min
Lab File: BN027829.D
Acq: 22 Sep 2023 17:52

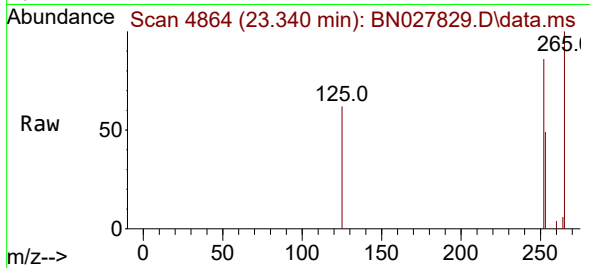
Tgt Ion:252 Resp: 15114
Ion Ratio Lower Upper
252 100
253 42.8 0.0 50.2
125 148.1 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.070 ng/ul m
RT: 23.340 min Scan# 4867
Delta R.T. -0.003 min
Lab File: BN027829.D
Acq: 22 Sep 2023 17:52

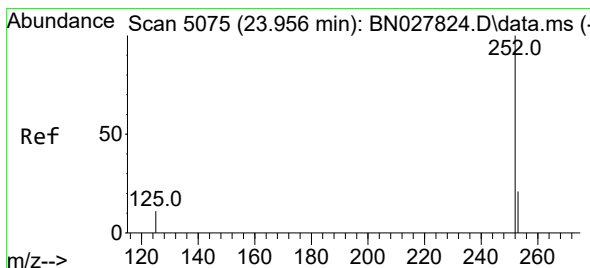
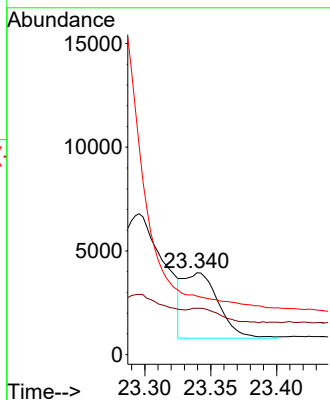
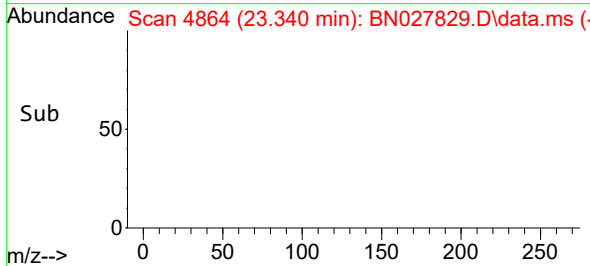
Instrument :
BNA_N
ClientSampleId :
C0AA5



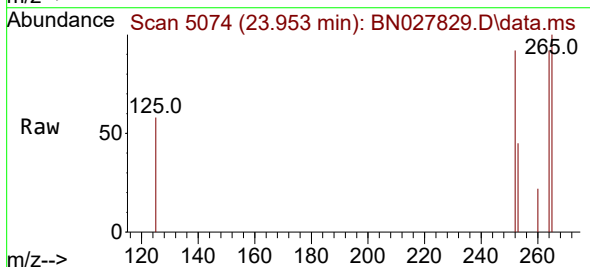
Tgt Ion:252 Resp: 594
Ion Ratio Lower Upper
252 100
253 56.7 19.9 29.9#
125 71.5 12.6 19.0#

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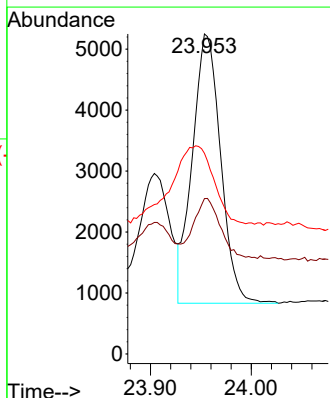
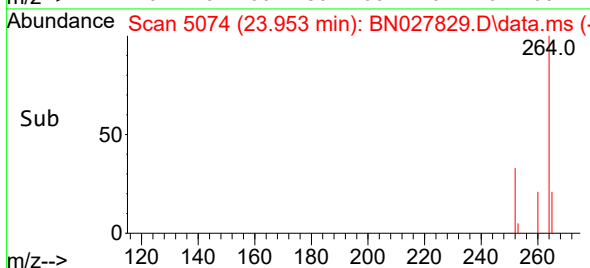
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

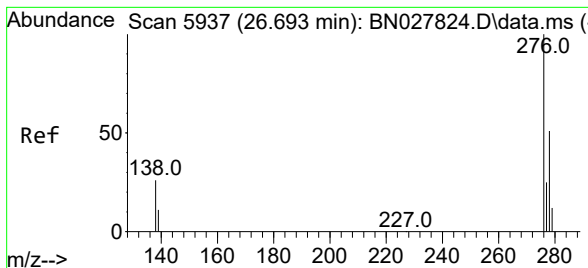


#26
Benzo(a)pyrene
Concen: 0.122 ng/ul
RT: 23.953 min Scan# 5074
Delta R.T. 0.003 min
Lab File: BN027829.D
Acq: 22 Sep 2023 17:52



Tgt Ion:252 Resp: 8609
Ion Ratio Lower Upper
252 100
253 48.6 21.9 32.9#
125 62.7 15.5 23.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.071 ng/ul

RT: 26.690 min Scan# 5937

Delta R.T. 0.007 min

Lab File: BN027829.D

Acq: 22 Sep 2023 17:52

Instrument :

BNA_N

ClientSampleId :

C0AA5

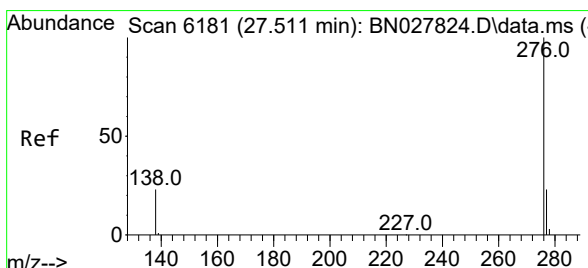
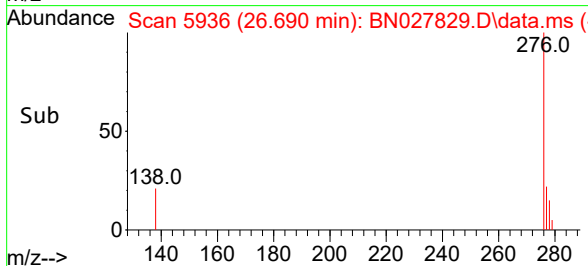
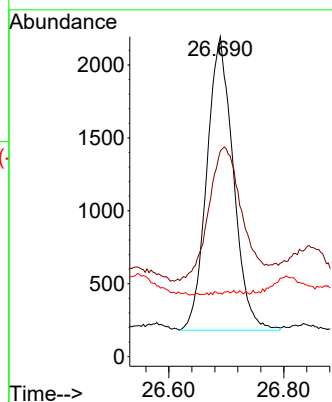
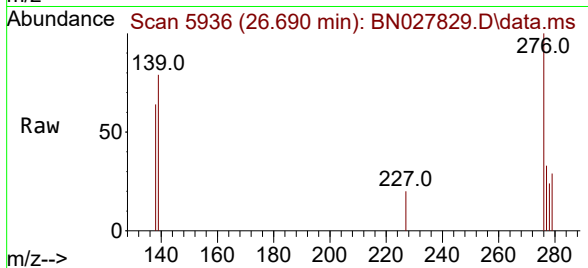
Tgt Ion:	276	Resp:	6410
Ion Ratio	Lower	Upper	
276	100		
138	61.4	24.3	36.5
227	0.3	0.0	0.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/25/2023



#29

Benzo(g,h,i)perylene

Concen: 0.096 ng/ul

RT: 27.515 min Scan# 6182

Delta R.T. 0.010 min

Lab File: BN027829.D

Acq: 22 Sep 2023 17:52

Tgt Ion:	276	Resp:	7369
Ion Ratio	Lower	Upper	
276	100		
138	75.4	21.7	32.5
277	36.4	20.2	30.2

