

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027830.D
 Acq On : 22 Sep 2023 18:28
 Operator : MA/JU
 Sample : 04387-04
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA6

Manual Integrations
 APPROVED

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

Quant Time: Sep 23 03:48:51 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	5789	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	20130	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	12310	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	27935	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	22898	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	20246	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	35665	4.891	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	13489	0.442	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	34366	0.491	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	2771	0.048	ng/ul#	88
7) 2-Methylnaphthalene	12.473	142	2567	0.070	ng/ul	98
8) 1-Methylnaphthalene	12.693	142	2083	0.055	ng/ul	99
10) Acenaphthylene	14.370	152	1590	0.030	ng/ul#	76
15) Phenanthrene	17.434	178	17002	0.194	ng/ul	98
16) Anthracene	17.523	178	1807	0.025	ng/ul#	76
19) Fluoranthene	19.446	202	42196	0.456	ng/ul	97
20) Pyrene	19.813	202	35555m	0.373	ng/ul	
21) Benzo(a)anthracene	21.554	228	16529	0.187	ng/ul	95
22) Chrysene	21.609	228	20405	0.223	ng/ul#	95
24) Benzo(b)fluoranthene	23.296	252	29600m	0.328	ng/ul	
25) Benzo(k)fluoranthene	23.340	252	9759m	0.112	ng/ul	
26) Benzo(a)pyrene	23.956	252	15050	0.207	ng/ul#	14
27) Indeno(1,2,3-cd)pyrene	26.694	276	13290	0.143	ng/ul#	1
29) Benzo(g,h,i)perylene	27.525	276	16078	0.204	ng/ul#	39

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

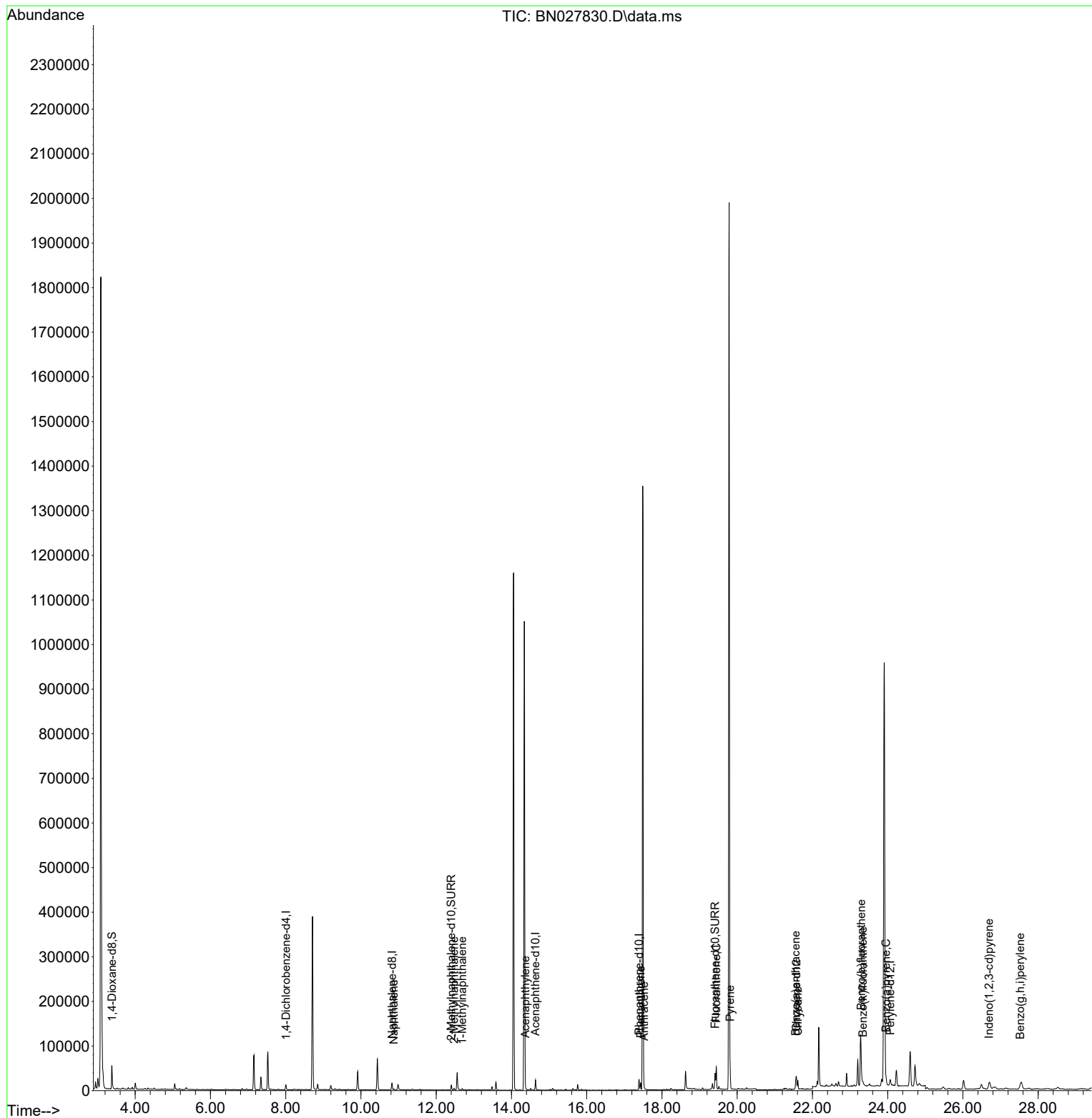
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027830.D
Acq On : 22 Sep 2023 18:28
Operator : MA/JU
Sample : 04387-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

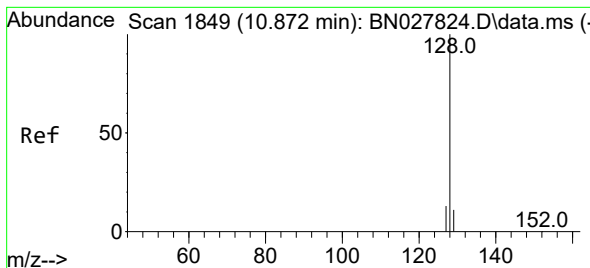
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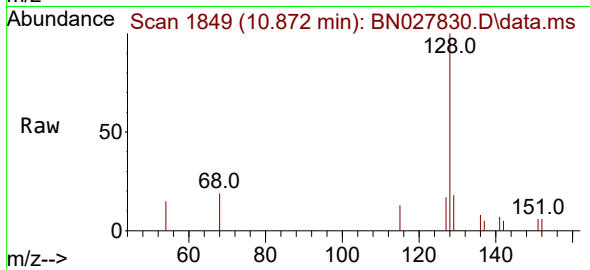
Quant Time: Sep 23 03:48:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
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#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027830.D
Acq: 22 Sep 2023 18:28

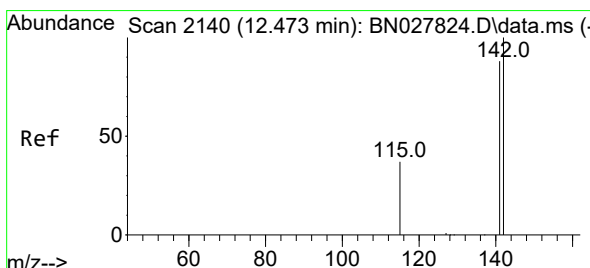
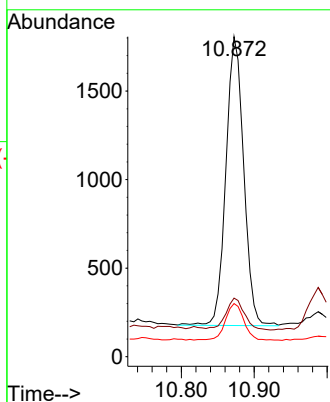
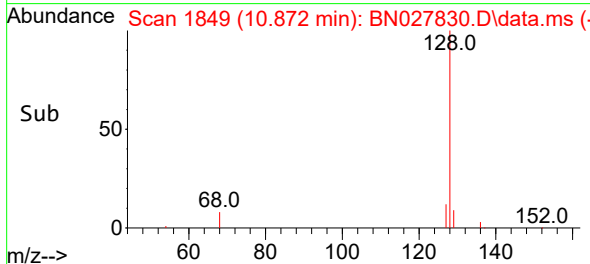
Instrument :
BNA_N
ClientSampleId :
C0AA6



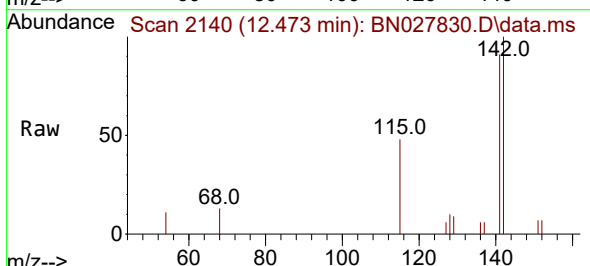
Tgt Ion:128 Resp: 277
Ion Ratio Lower Upper
128 100
129 18.3 9.3 13.9
127 16.6 10.7 16.1

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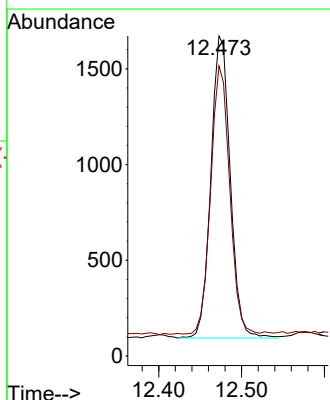
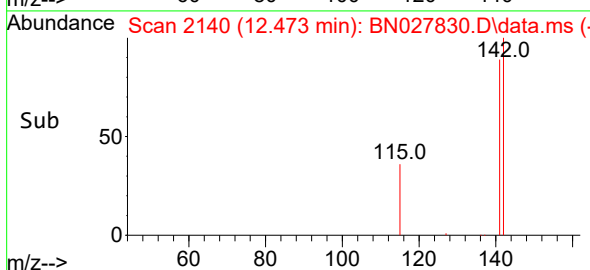
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

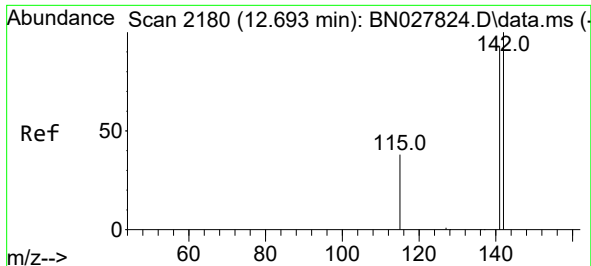


#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027830.D
Acq: 22 Sep 2023 18:28



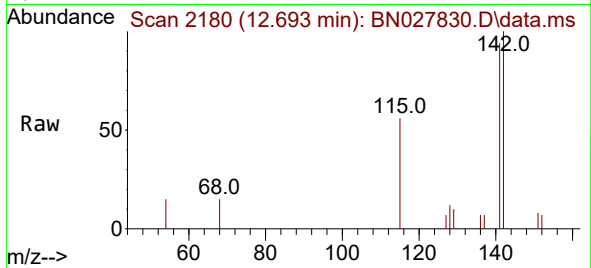
Tgt Ion:142 Resp: 2567
Ion Ratio Lower Upper
142 100
141 86.8 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027830.D
Acq: 22 Sep 2023 18:28

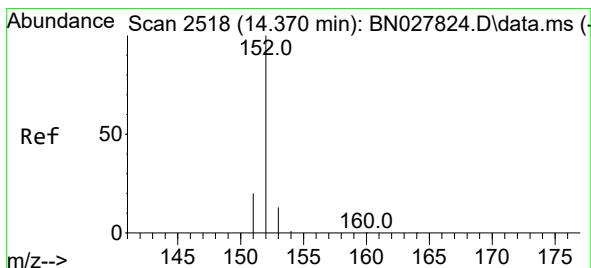
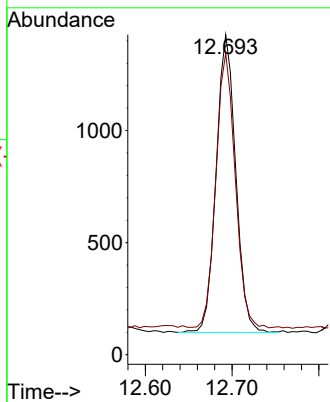
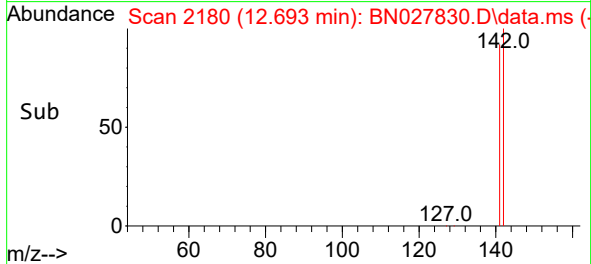
Instrument :
BNA_N
ClientSampleId :
C0AA6



Tgt Ion:142 Resp: 2083
Ion Ratio Lower Upper
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141 90.4 72.8 109.2

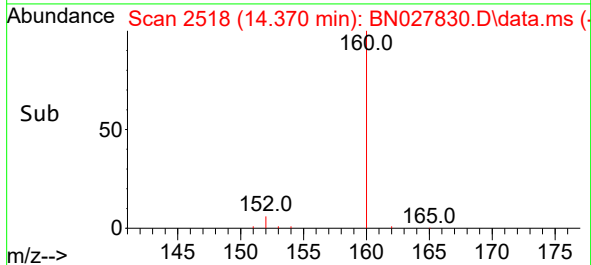
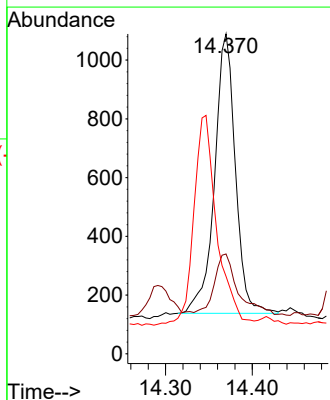
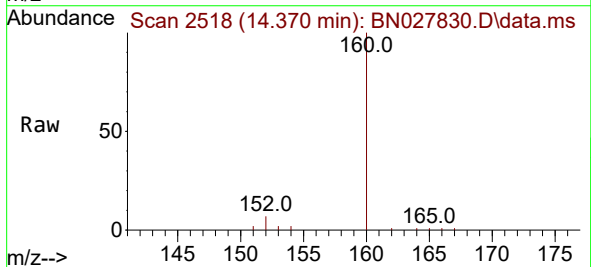
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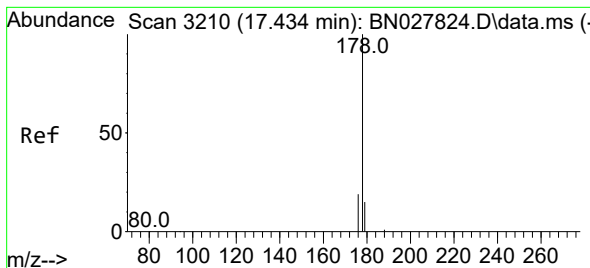
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027830.D
Acq: 22 Sep 2023 18:28

Tgt Ion:152 Resp: 1590
Ion Ratio Lower Upper
152 100
151 31.2 16.6 25.0#
153 24.2 11.0 16.6#





#15

Phenanthrene

Concen: 0.194 ng/ul

RT: 17.434 min Scan# 3210

Delta R.T. 0.000 min

Lab File: BN027830.D

Acq: 22 Sep 2023 18:28

Instrument :

BNA_N

ClientSampleId :

C0AA6

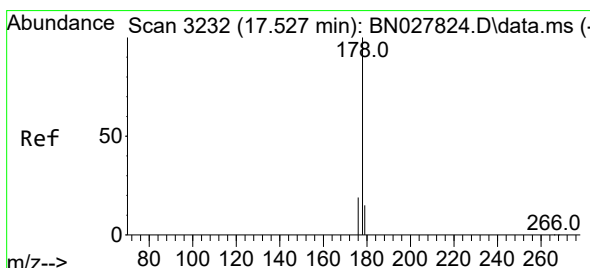
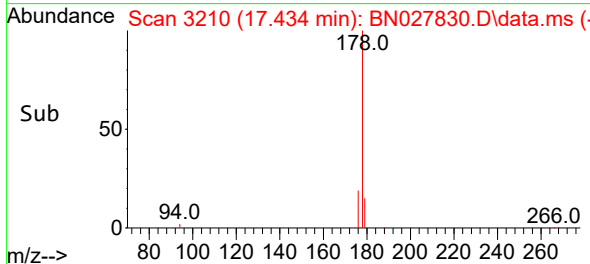
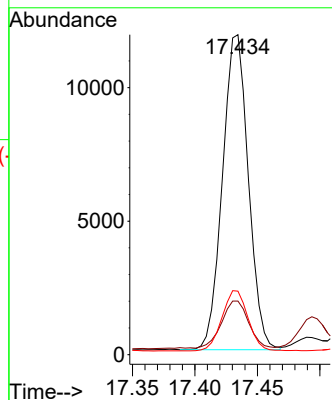
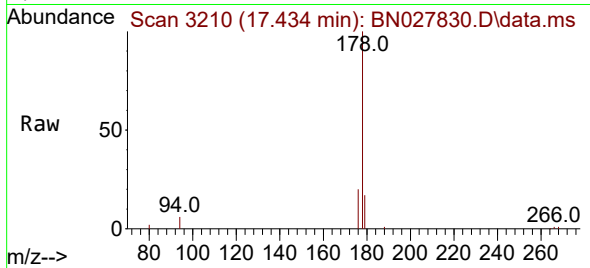
Tgt Ion:178	Resp:	1700
Ion Ratio	Lower	Upper
178	100	
179	16.8	12.4 18.6
176	19.8	16.0 24.0

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Supervised By :mohammad ahmed 09/25/2023



#16

Anthracene

Concen: 0.025 ng/ul

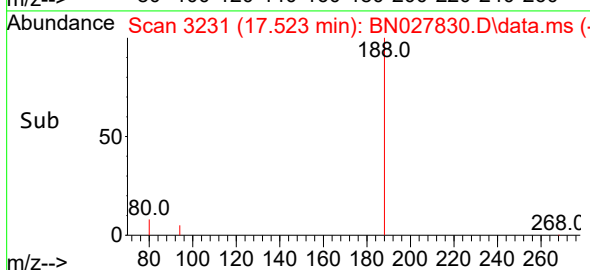
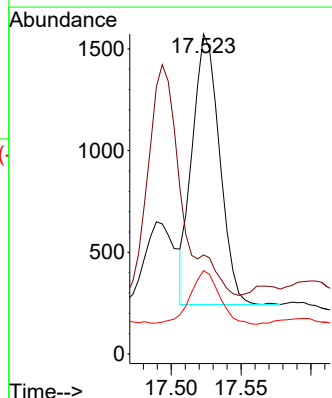
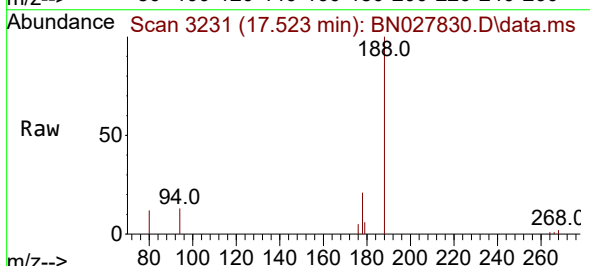
RT: 17.523 min Scan# 3231

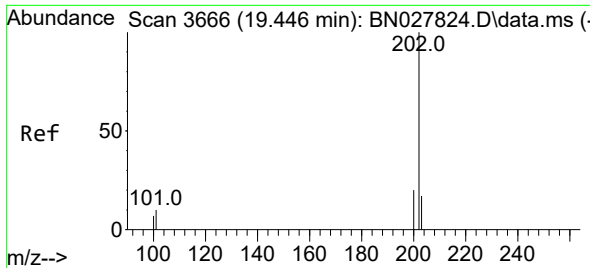
Delta R.T. -0.004 min

Lab File: BN027830.D

Acq: 22 Sep 2023 18:28

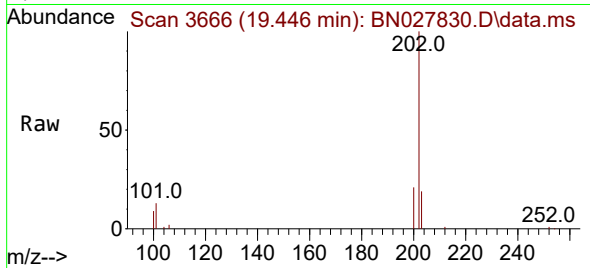
Tgt Ion:178	Resp:	1807
Ion Ratio	Lower	Upper
178	100	
179	30.9	12.6 19.0#
176	26.0	15.5 23.3#





#19
Fluoranthene
Concen: 0.456 ng/ul
RT: 19.446 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN027830.D
Acq: 22 Sep 2023 18:28

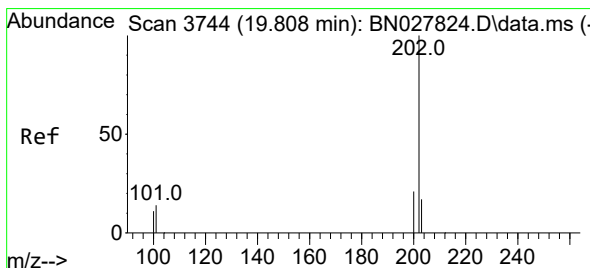
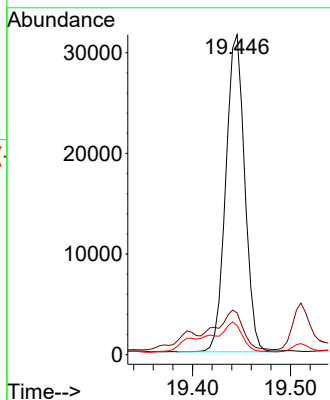
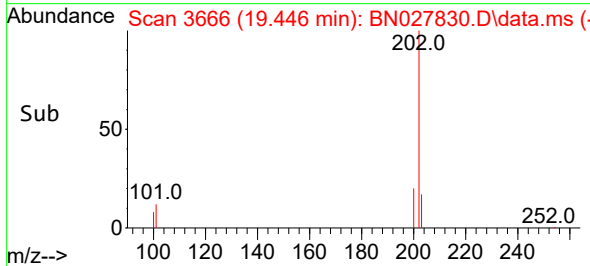
Instrument :
BNA_N
ClientSampleId :
C0AA6



Tgt Ion:202 Resp: 42190
Ion Ratio Lower Upper
202 100
101 13.0 9.3 13.9
100 9.1 7.0 10.4

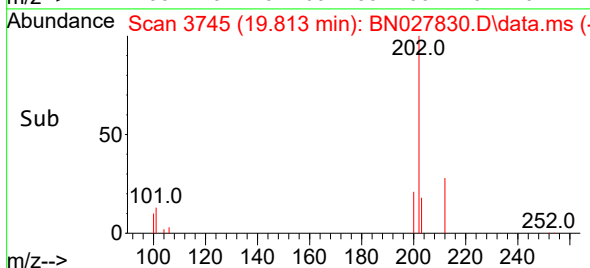
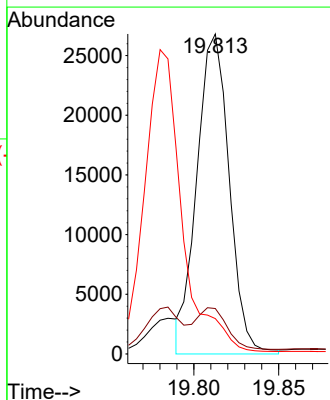
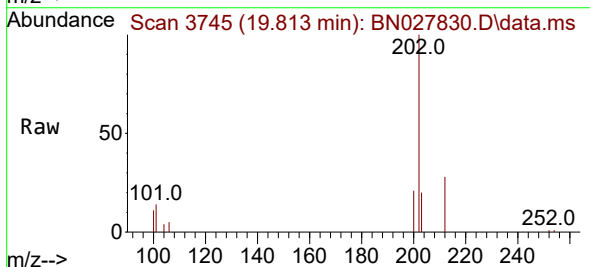
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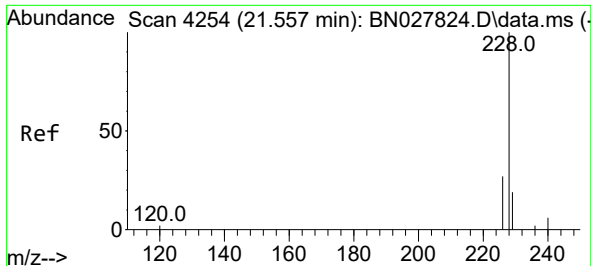
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#20
Pyrene
Concen: 0.373 ng/ul m
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027830.D
Acq: 22 Sep 2023 18:28

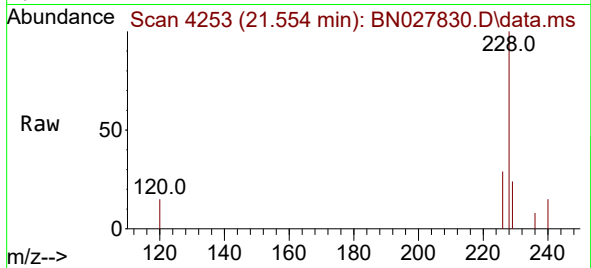
Tgt Ion:202 Resp: 35555
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 11.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.187 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027830.D
Acq: 22 Sep 2023 18:28

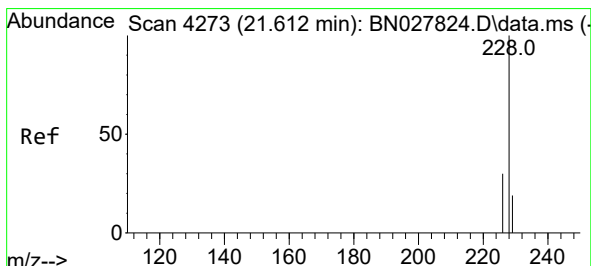
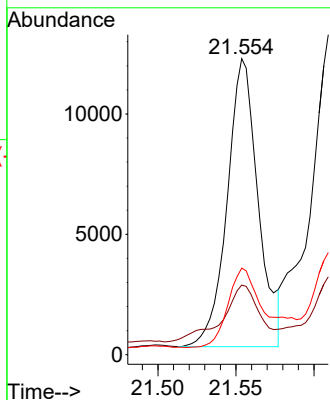
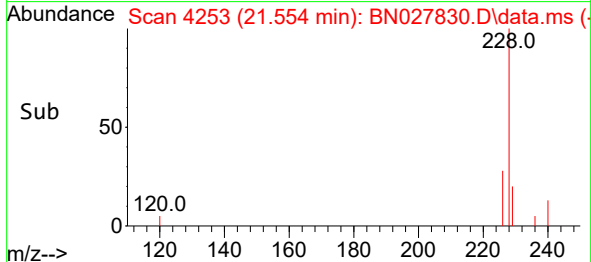
Instrument :
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ClientSampleId :
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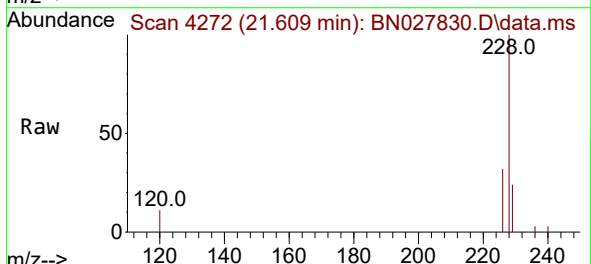
Tgt Ion:228 Resp: 16529
Ion Ratio Lower Upper
228 100
229 23.5 15.8 23.8
226 29.3 22.0 33.0

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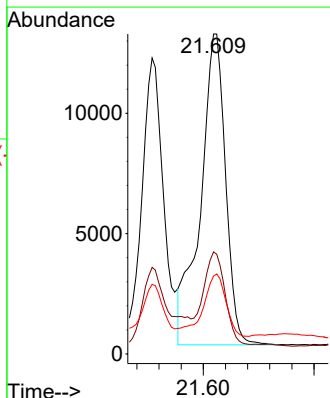
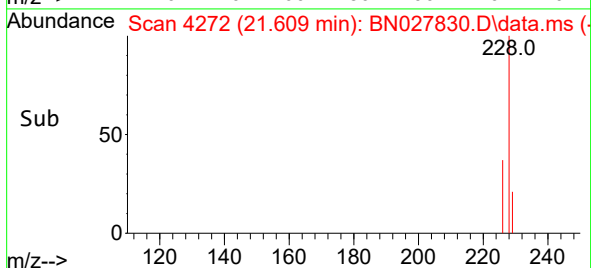
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

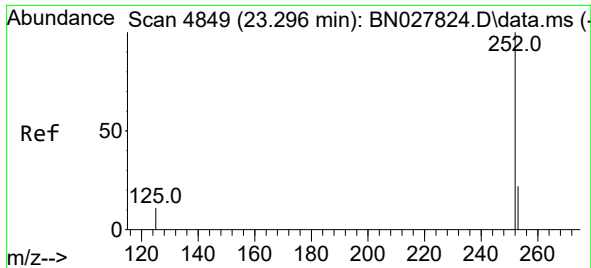


#22
Chrysene
Concen: 0.223 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. 0.000 min
Lab File: BN027830.D
Acq: 22 Sep 2023 18:28



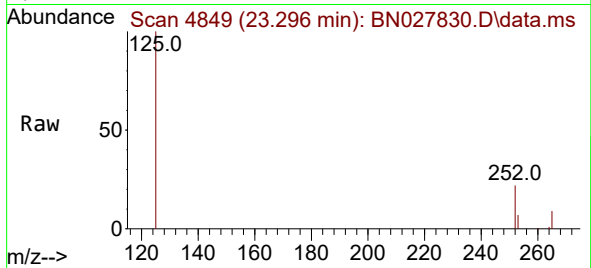
Tgt Ion:228 Resp: 20405
Ion Ratio Lower Upper
228 100
226 31.9 24.5 36.7
229 24.4 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul m
RT: 23.296 min Scan# 4849
Delta R.T. 0.006 min
Lab File: BN027830.D
Acq: 22 Sep 2023 18:28

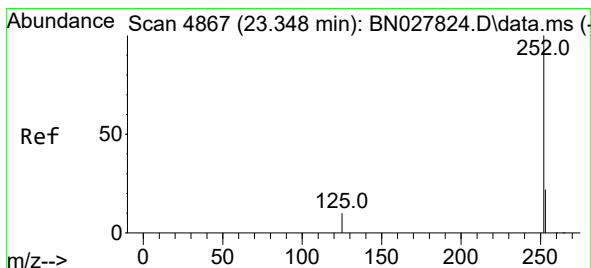
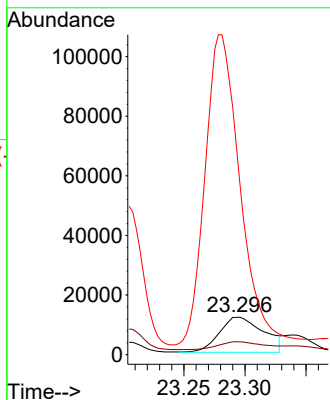
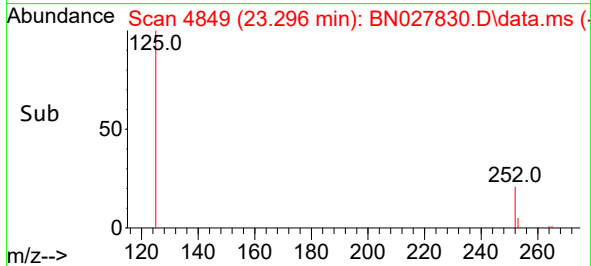
Instrument :
BNA_N
ClientSampleId :
C0AA6



Tgt Ion:252 Resp: 29600
Ion Ratio Lower Upper
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253 34.4 0.0 50.2
125 459.6 0.0 31.4

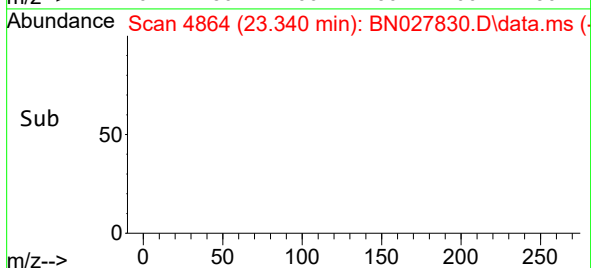
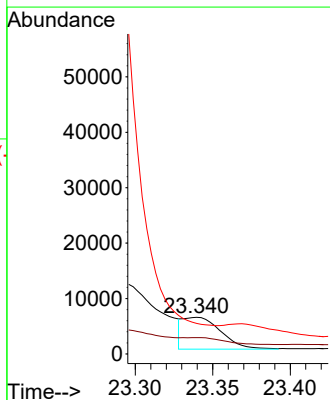
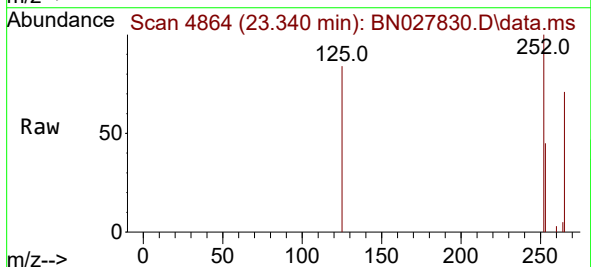
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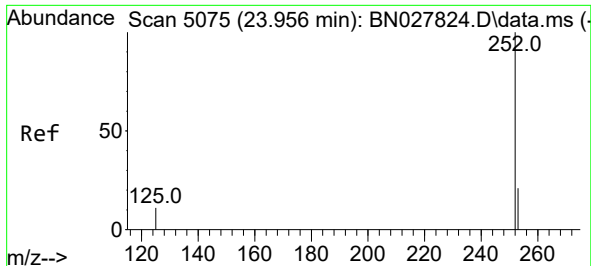
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.112 ng/ul m
RT: 23.340 min Scan# 4864
Delta R.T. -0.003 min
Lab File: BN027830.D
Acq: 22 Sep 2023 18:28

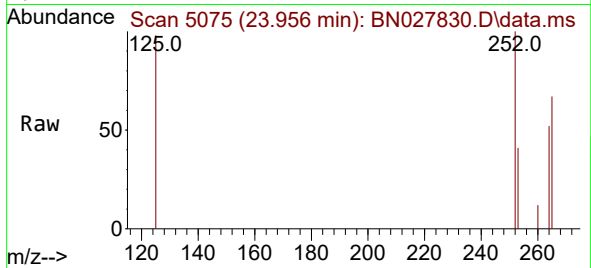
Tgt Ion:252 Resp: 9759
Ion Ratio Lower Upper
252 100
253 44.8 19.9 29.9#
125 83.7 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.207 ng/ul
RT: 23.956 min Scan# 5075
Delta R.T. 0.006 min
Lab File: BN027830.D
Acq: 22 Sep 2023 18:28

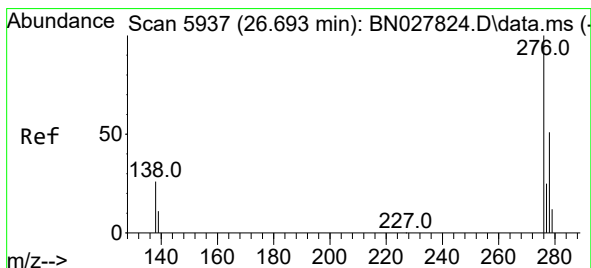
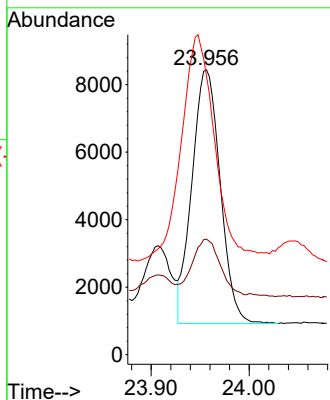
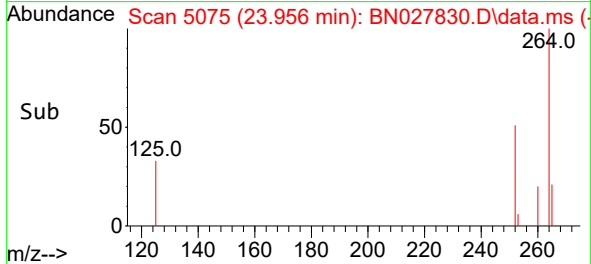
Instrument :
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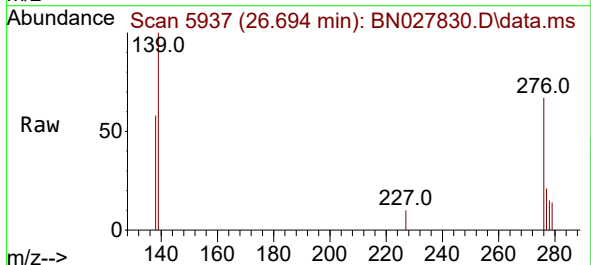
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125 97.8 15.5 23.3

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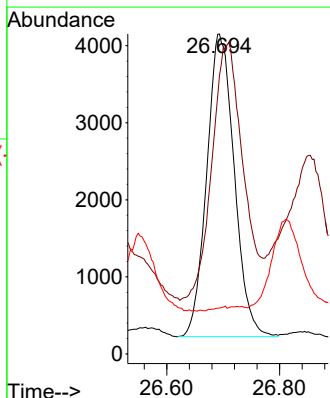
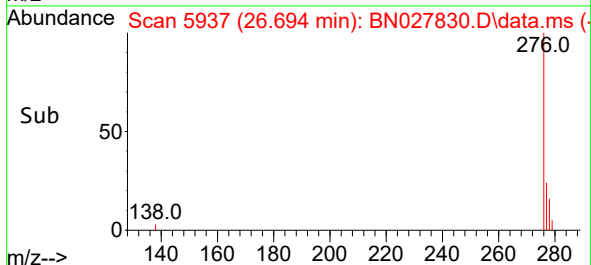
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

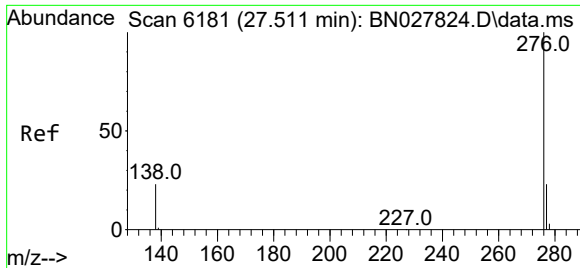


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.143 ng/ul
RT: 26.694 min Scan# 5937
Delta R.T. 0.011 min
Lab File: BN027830.D
Acq: 22 Sep 2023 18:28



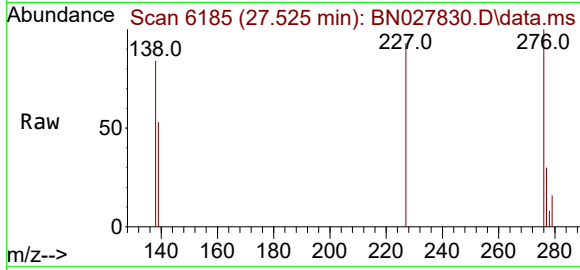
Tgt Ion:276 Resp: 13290
Ion Ratio Lower Upper
276 100
138 152.3 24.3 36.5
227 0.0 0.0 0.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.204 ng/ul
 RT: 27.525 min Scan# 6185
 Delta R.T. 0.021 min
 Lab File: BN027830.D
 Acq: 22 Sep 2023 18:28

Instrument :
 BNA_N
 ClientSampleId :
 C0AA6



Tgt Ion: 276 Resp: 16078

Ion	Ratio	Lower	Upper
276	100		
138	83.7	21.7	32.5
277	30.0	20.2	30.2

Manual Integrations
 APPROVED

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