

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027850.D
 Acq On : 23 Sep 2023 07:19
 Operator : MA/JU
 Sample : 04332-10
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AH2

Manual Integrations
 APPROVED

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

Quant Time: Sep 25 00:47:38 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	8.000	152	6758	0.400	ng/ul	0.00
4) Naphthalene-d8	10.817	136	22982	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.633	164	13856	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	31591	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	26261	0.400	ng/ul	# 0.00
23) Perylene-d12	24.062	264	23248	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	10894	1.280	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	5566	0.160	ng/ul	-0.01
18) Fluoranthene-d10	19.408	212	14861	0.185	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	2233	0.034	ng/ul#	84
7) 2-Methylnaphthalene	12.473	142	1949	0.047	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	1674	0.039	ng/ul	99
10) Acenaphthylene	14.365	152	1383	0.023	ng/ul#	77
15) Phenanthrene	17.430	178	13551	0.137	ng/ul	98
16) Anthracene	17.523	178	1743	0.021	ng/ul#	76
19) Fluoranthene	19.441	202	35164	0.331	ng/ul	95
20) Pyrene	19.808	202	29007m	0.265	ng/ul	
21) Benzo(a)anthracene	21.551	228	12784	0.126	ng/ul#	93
22) Chrysene	21.606	228	17774	0.169	ng/ul#	93
24) Benzo(b)fluoranthene	23.287	252	25018m	0.241	ng/ul	
25) Benzo(k)fluoranthene	23.334	252	8707m	0.087	ng/ul	
26) Benzo(a)pyrene	23.948	252	12647	0.152	ng/ul#	23
27) Indeno(1,2,3-cd)pyrene	26.683	276	11092	0.104	ng/ul#	65
29) Benzo(g,h,i)perylene	27.515	276	13264	0.146	ng/ul#	30

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

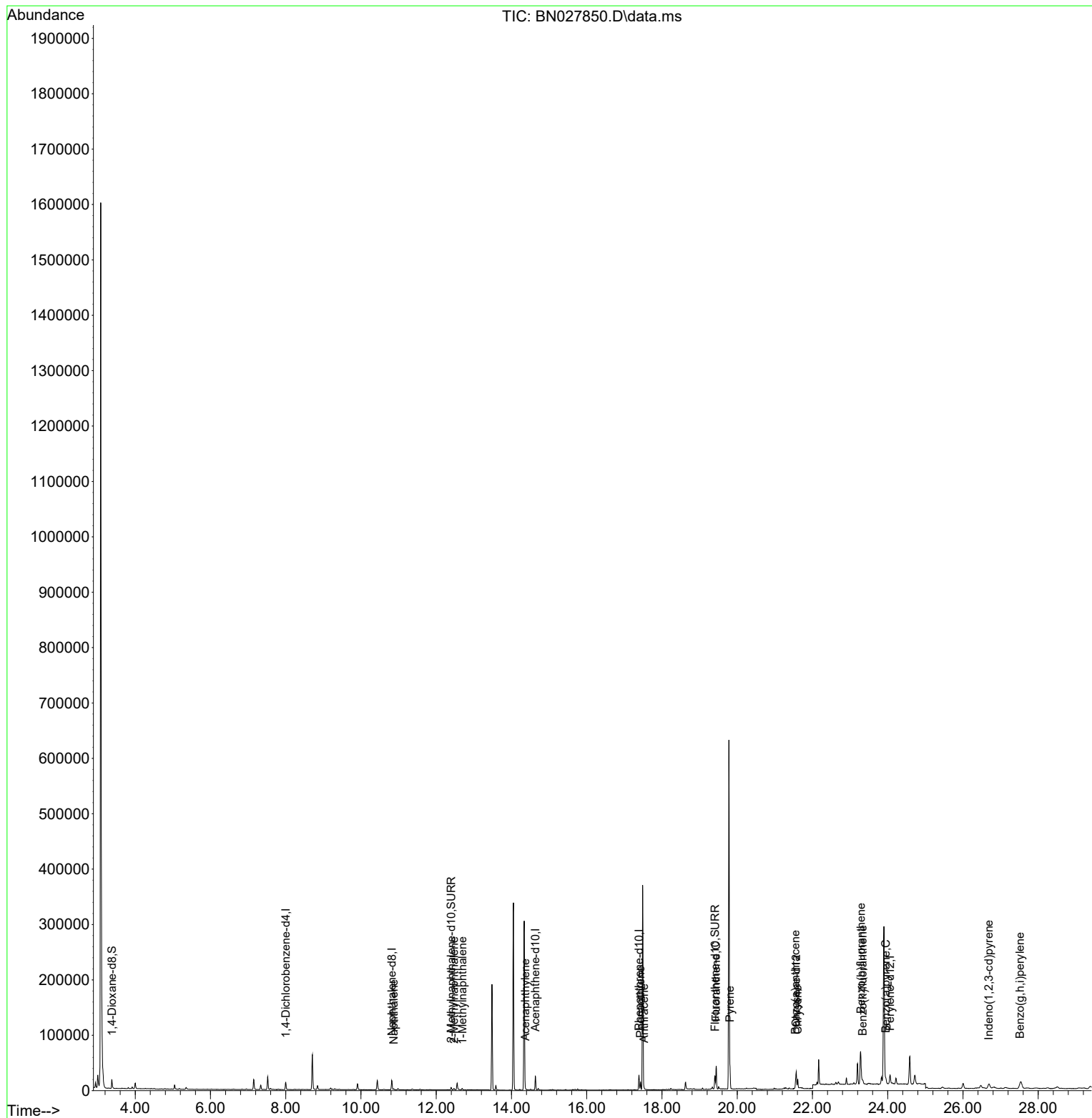
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027850.D
Acq On : 23 Sep 2023 07:19
Operator : MA/JU
Sample : 04332-10
Misc :
ALS Vial : 70 Sample Multiplier: 1

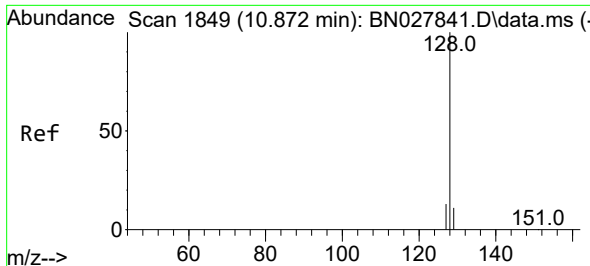
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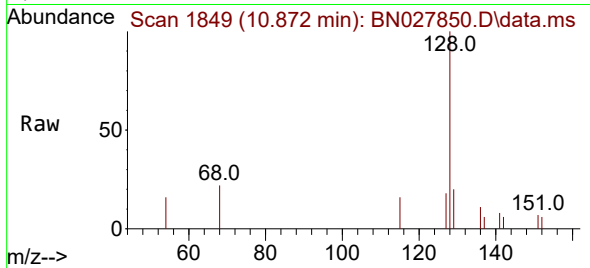
Quant Time: Sep 25 00:47:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

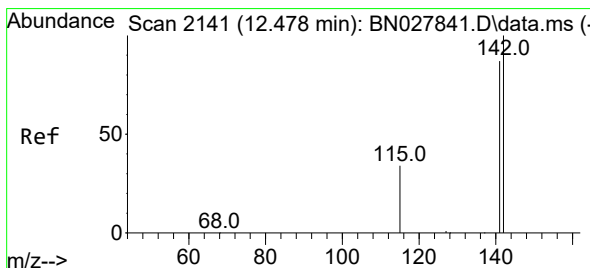
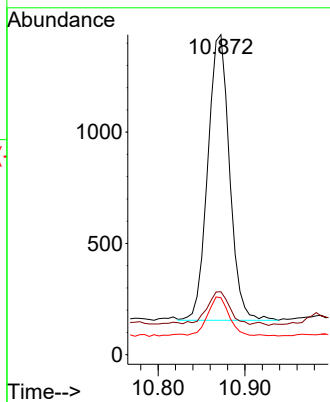
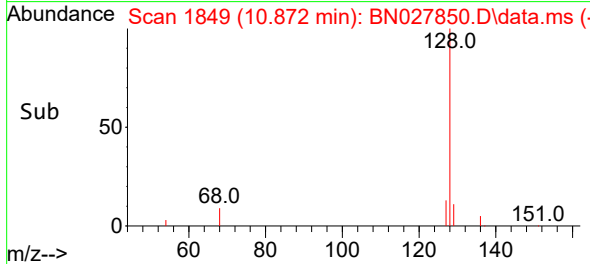
Instrument :
BNA_N
ClientSampleId :
C0AH2



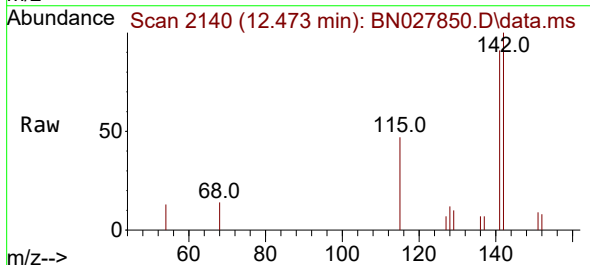
Tgt Ion:128 Resp: 223
Ion Ratio Lower Upper
128 100
129 19.7 9.3 13.9
127 17.8 10.7 16.1

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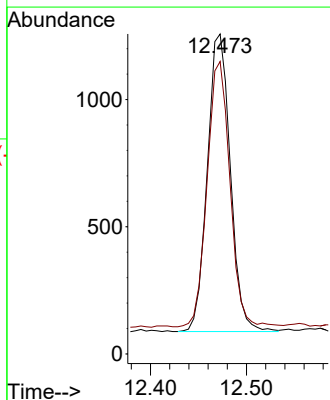
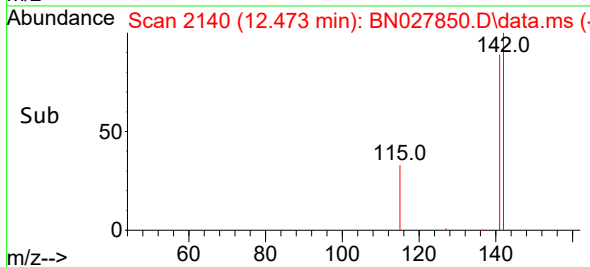
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

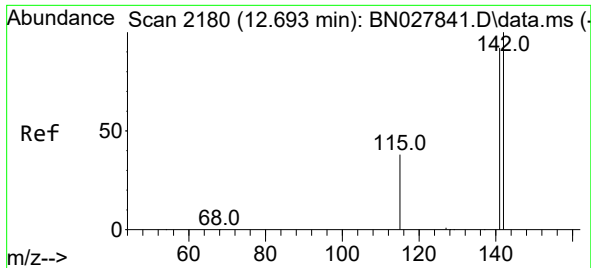


#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19



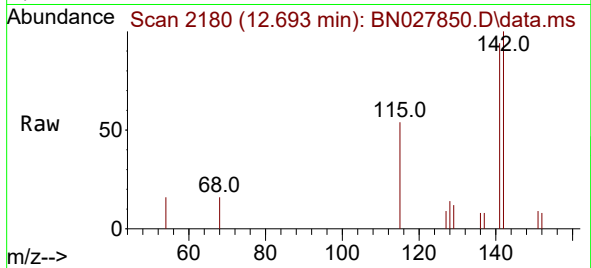
Tgt Ion:142 Resp: 1949
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

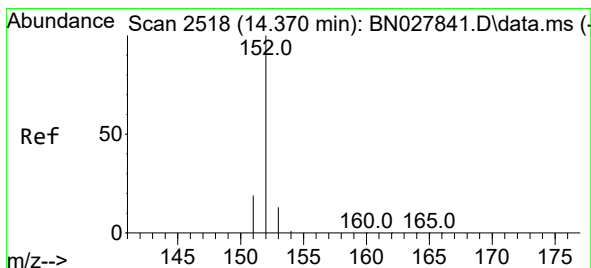
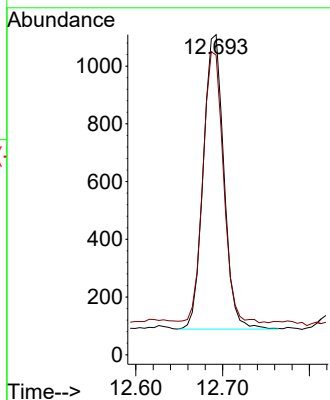
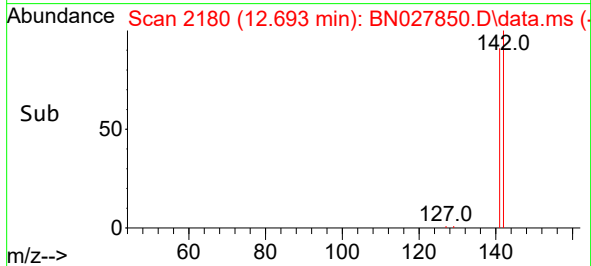
Instrument :
BNA_N
ClientSampleId :
C0AH2



Tgt Ion:142 Resp: 1674
Ion Ratio Lower Upper
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141 91.6 72.8 109.2

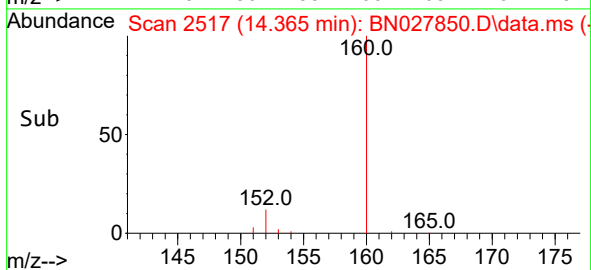
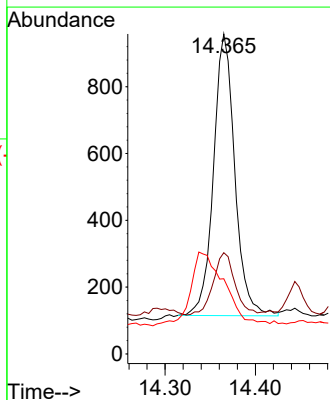
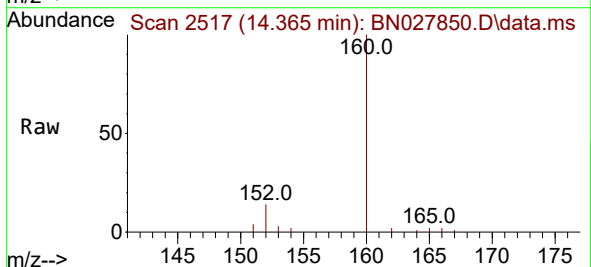
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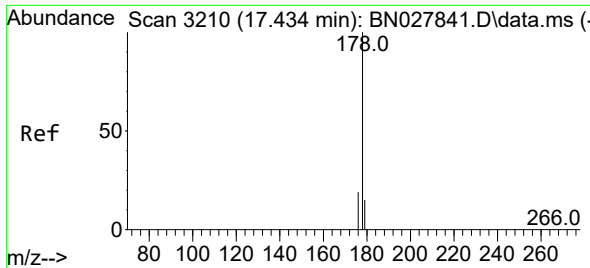
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.365 min Scan# 2517
Delta R.T. -0.005 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

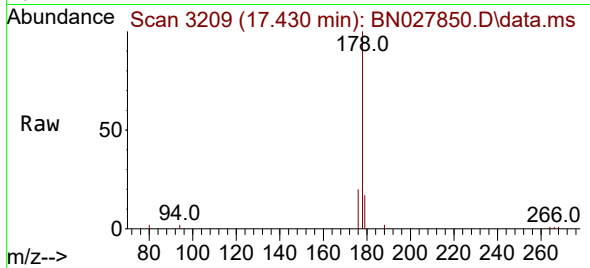
Tgt Ion:152 Resp: 1383
Ion Ratio Lower Upper
152 100
151 31.6 16.6 25.0#
153 23.5 11.0 16.6#





#15
Phenanthrene
Concen: 0.137 ng/ul
RT: 17.430 min Scan# 3210
Delta R.T. -0.004 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

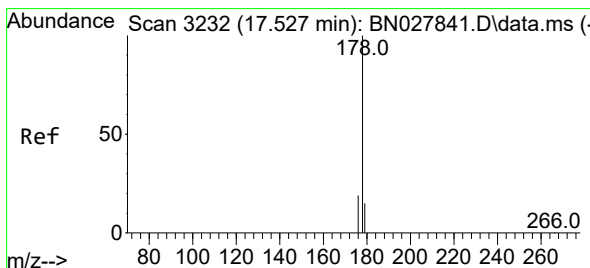
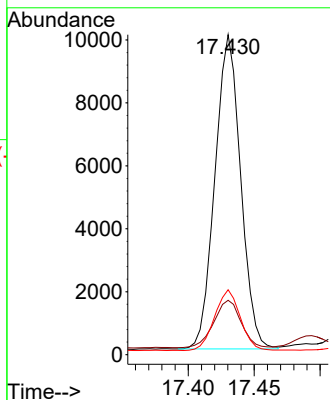
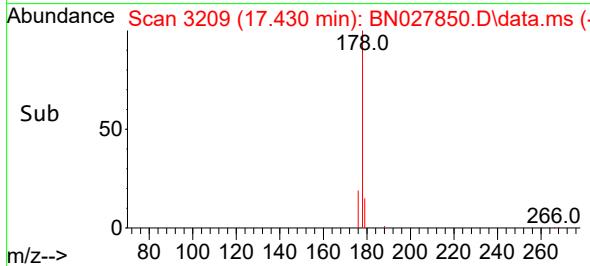
Instrument :
BNA_N
ClientSampleId :
C0AH2



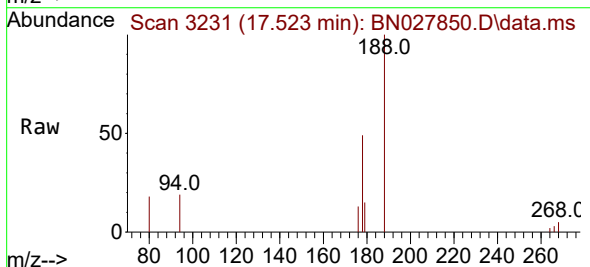
Tgt Ion:178 Resp: 1355
Ion Ratio Lower Upper
178 100
179 17.0 12.4 18.6
176 20.3 16.0 24.0

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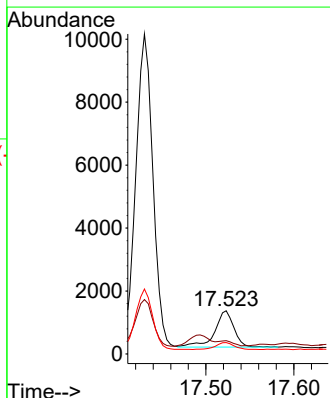
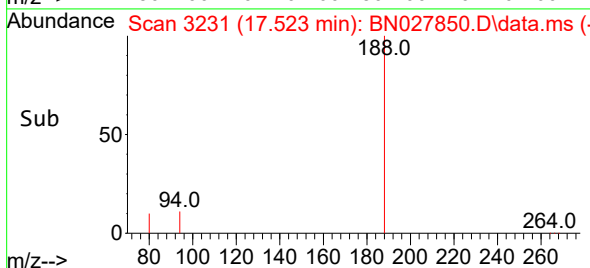
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

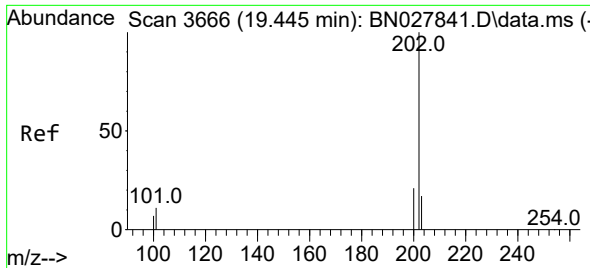


#16
Anthracene
Concen: 0.021 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. -0.004 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19



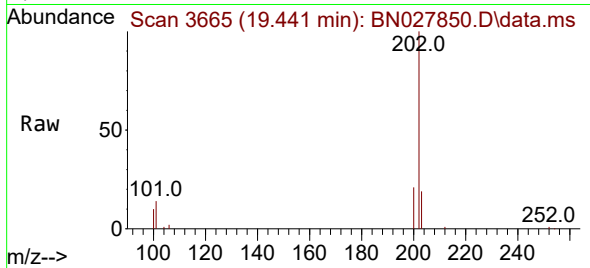
Tgt Ion:178 Resp: 1743
Ion Ratio Lower Upper
178 100
179 30.7 12.6 19.0#
176 26.3 15.5 23.3#





#19
Fluoranthene
Concen: 0.331 ng/ul
RT: 19.441 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

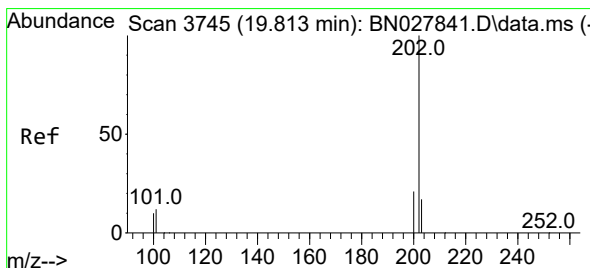
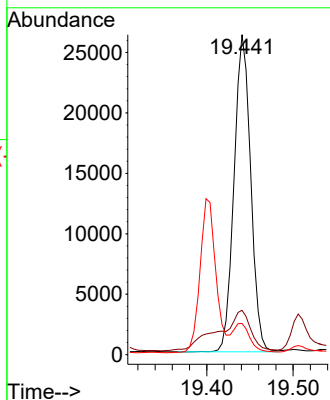
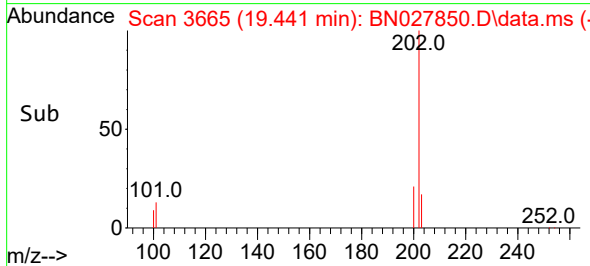
Instrument :
BNA_N
ClientSampleId :
C0AH2



Tgt Ion:202 Resp: 35164
Ion Ratio Lower Upper
202 100
101 13.9 9.3 13.9
100 9.8 7.0 10.4

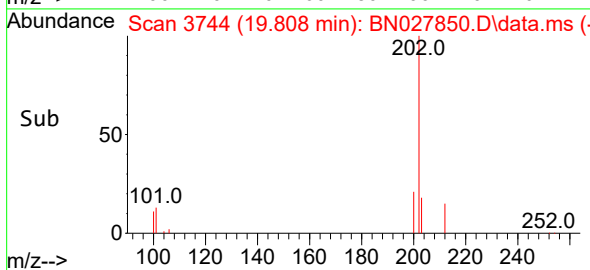
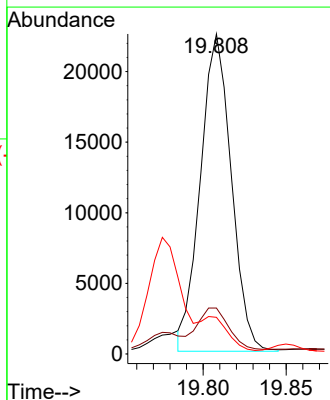
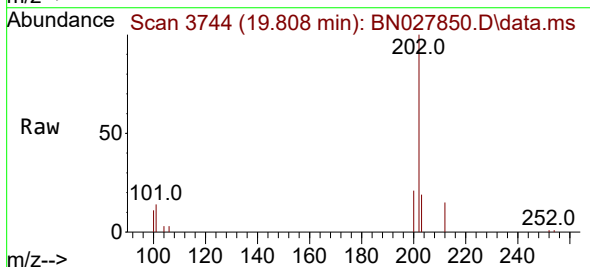
Manual Integrations
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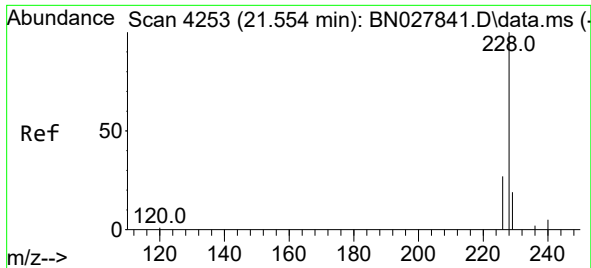
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#20
Pyrene
Concen: 0.265 ng/ul m
RT: 19.808 min Scan# 3744
Delta R.T. -0.005 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

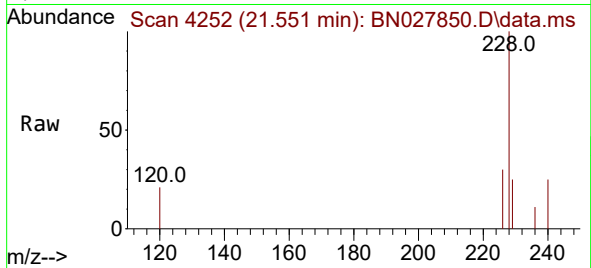
Tgt Ion:202 Resp: 29007
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 11.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.126 ng/ul
RT: 21.551 min Scan# 4253
Delta R.T. -0.003 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

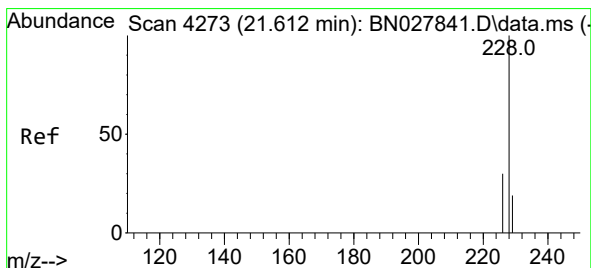
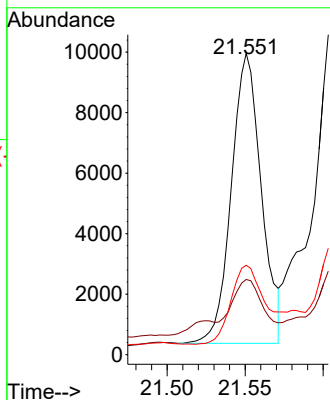
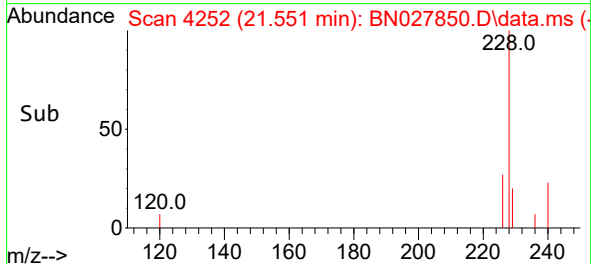
Instrument :
BNA_N
ClientSampleId :
COAH2



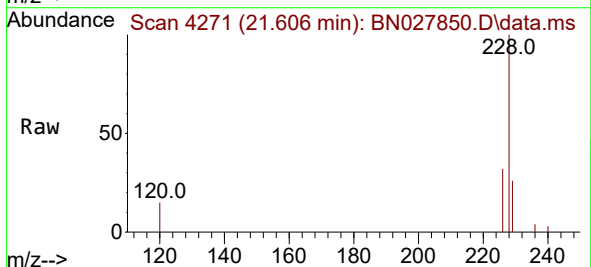
Tgt Ion:228 Resp: 12784
Ion Ratio Lower Upper
228 100
229 25.0 15.8 23.8
226 29.7 22.0 33.0

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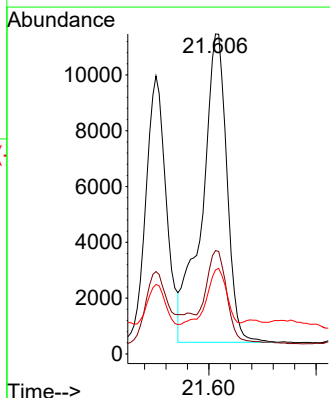
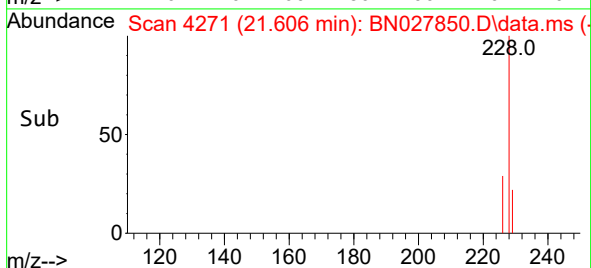
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

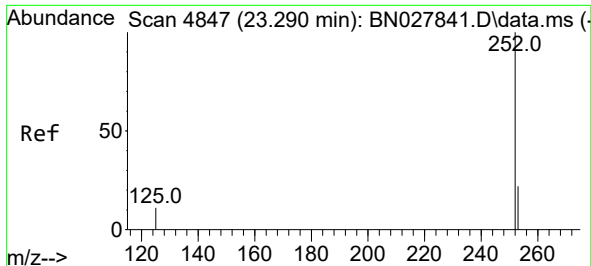


#22
Chrysene
Concen: 0.169 ng/ul
RT: 21.606 min Scan# 4271
Delta R.T. -0.003 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19



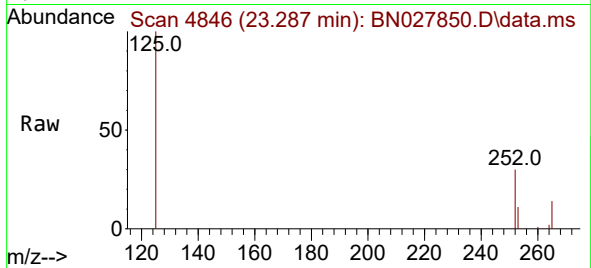
Tgt Ion:228 Resp: 17774
Ion Ratio Lower Upper
228 100
226 32.3 24.5 36.7
229 26.3 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.241 ng/ul m
RT: 23.287 min Scan# 4846
Delta R.T. -0.003 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

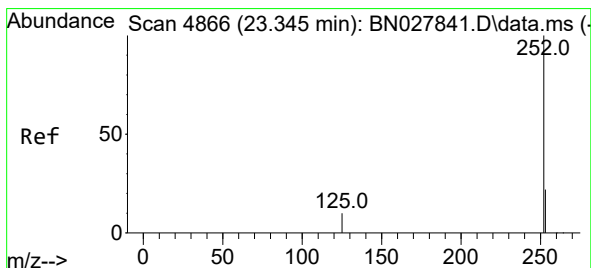
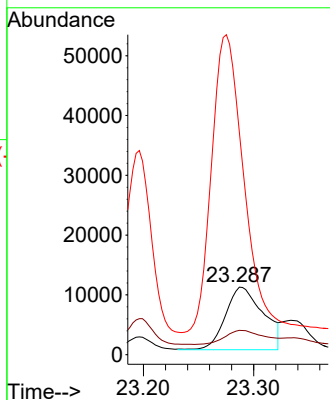
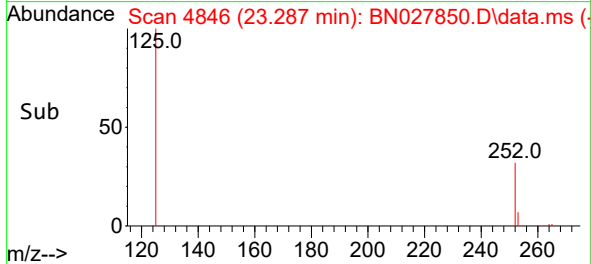
Instrument :
BNA_N
ClientSampleId :
C0AH2



Tgt Ion:252 Resp: 25018
Ion Ratio Lower Upper
252 100
253 36.0 0.0 50.2
125 329.8 0.0 31.4

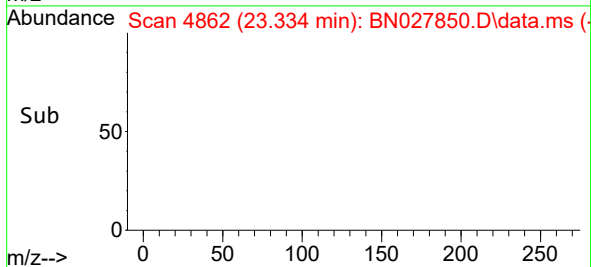
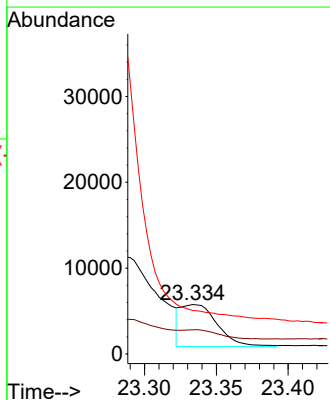
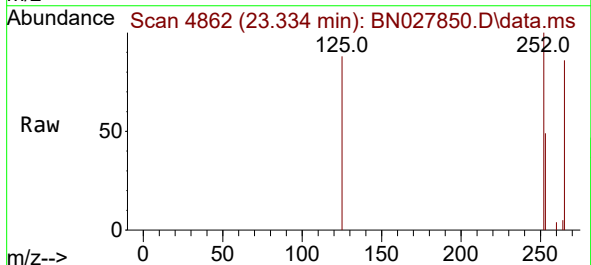
Manual Integrations
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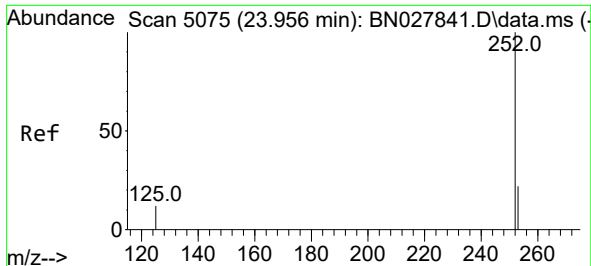
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.087 ng/ul m
RT: 23.334 min Scan# 4862
Delta R.T. -0.009 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

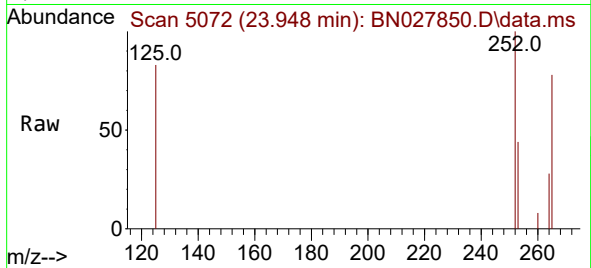
Tgt Ion:252 Resp: 8707
Ion Ratio Lower Upper
252 100
253 49.0 19.9 29.9#
125 87.7 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.152 ng/ul
RT: 23.948 min Scan# 5072
Delta R.T. -0.003 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

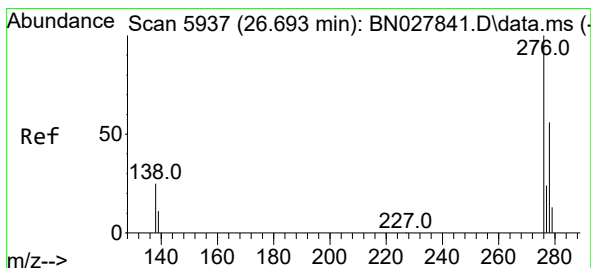
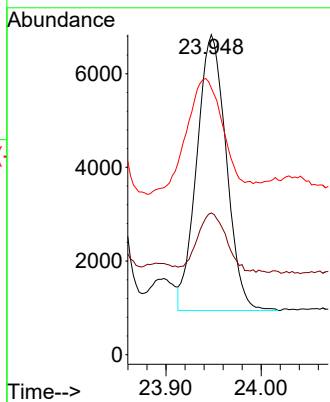
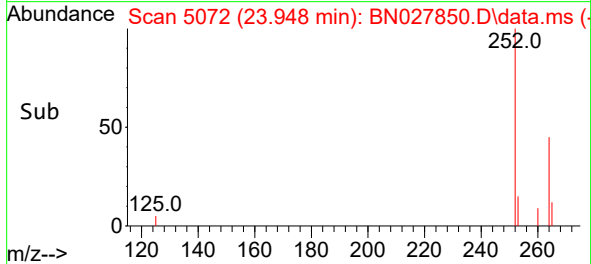
Instrument :
BNA_N
ClientSampleId :
C0AH2



Tgt Ion:252 Resp: 1264
Ion Ratio Lower Upper
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253 44.3 21.9 32.9
125 83.4 15.5 23.3

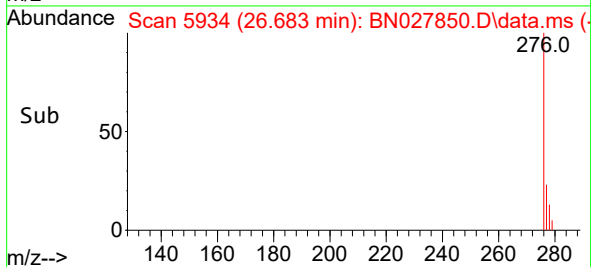
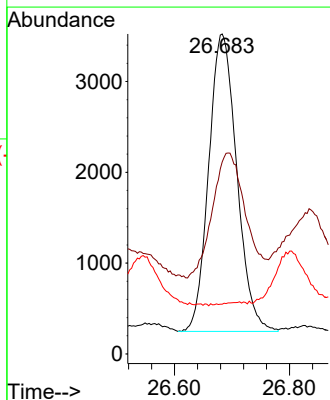
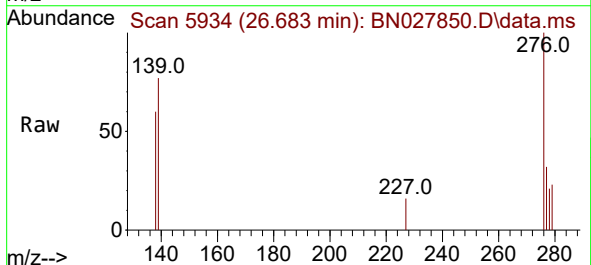
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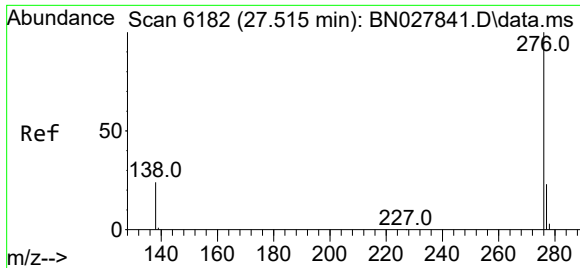
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.104 ng/ul
RT: 26.683 min Scan# 5934
Delta R.T. 0.000 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

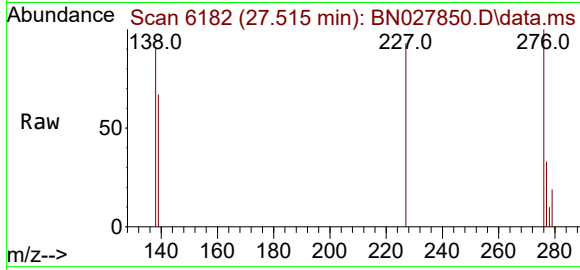
Tgt Ion:276 Resp: 11092
Ion Ratio Lower Upper
276 100
138 49.5 24.3 36.5
227 0.0 0.0 0.0





#29
Benzo(g,h,i)perylene
Concen: 0.146 ng/ul
RT: 27.515 min Scan# 61
Delta R.T. 0.010 min
Lab File: BN027850.D
Acq: 23 Sep 2023 07:19

Instrument :
BNA_N
ClientSampleId :
C0AH2



Tgt Ion:276 Resp: 13264
Ion Ratio Lower Upper
276 100
138 89.9 21.7 32.5
277 32.6 20.2 30.2

Manual Integrations
APPROVED

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

