

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027808.D
 Acq On : 22 Sep 2023 04:33
 Operator : MA/JU
 Sample : 04332-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 22 05:13:00 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	5513	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	18919	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	11536	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	26462	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	21518	0.400	ng/ul	# 0.00
23) Perylene-d12	24.064	264	19687	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	17199	2.477	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	5538	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	13690	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	2400	0.044	ng/ul#	86
7) 2-Methylnaphthalene	12.473	142	2103	0.061	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	1794	0.051	ng/ul	99
10) Acenaphthylene	14.370	152	1403	0.028	ng/ul#	73
15) Phenanthrene	17.434	178	13965	0.168	ng/ul	98
16) Anthracene	17.527	178	1889	0.027	ng/ul#	77
19) Fluoranthene	19.441	202	34629	0.398	ng/ul#	94
20) Pyrene	19.812	202	28426m	0.317	ng/ul	
21) Benzo(a)anthracene	21.553	228	13123	0.158	ng/ul#	86
22) Chrysene	21.606	228	16446	0.191	ng/ul#	88
24) Benzo(b)fluoranthene	23.287	252	22640m	0.258	ng/ul	
25) Benzo(k)fluoranthene	23.336	252	8171m	0.096	ng/ul	
26) Benzo(a)pyrene	23.950	252	12462	0.177	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.686	276	9396	0.104	ng/ul#	26
29) Benzo(g,h,i)perylene	27.508	276	10448	0.136	ng/ul#	43

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

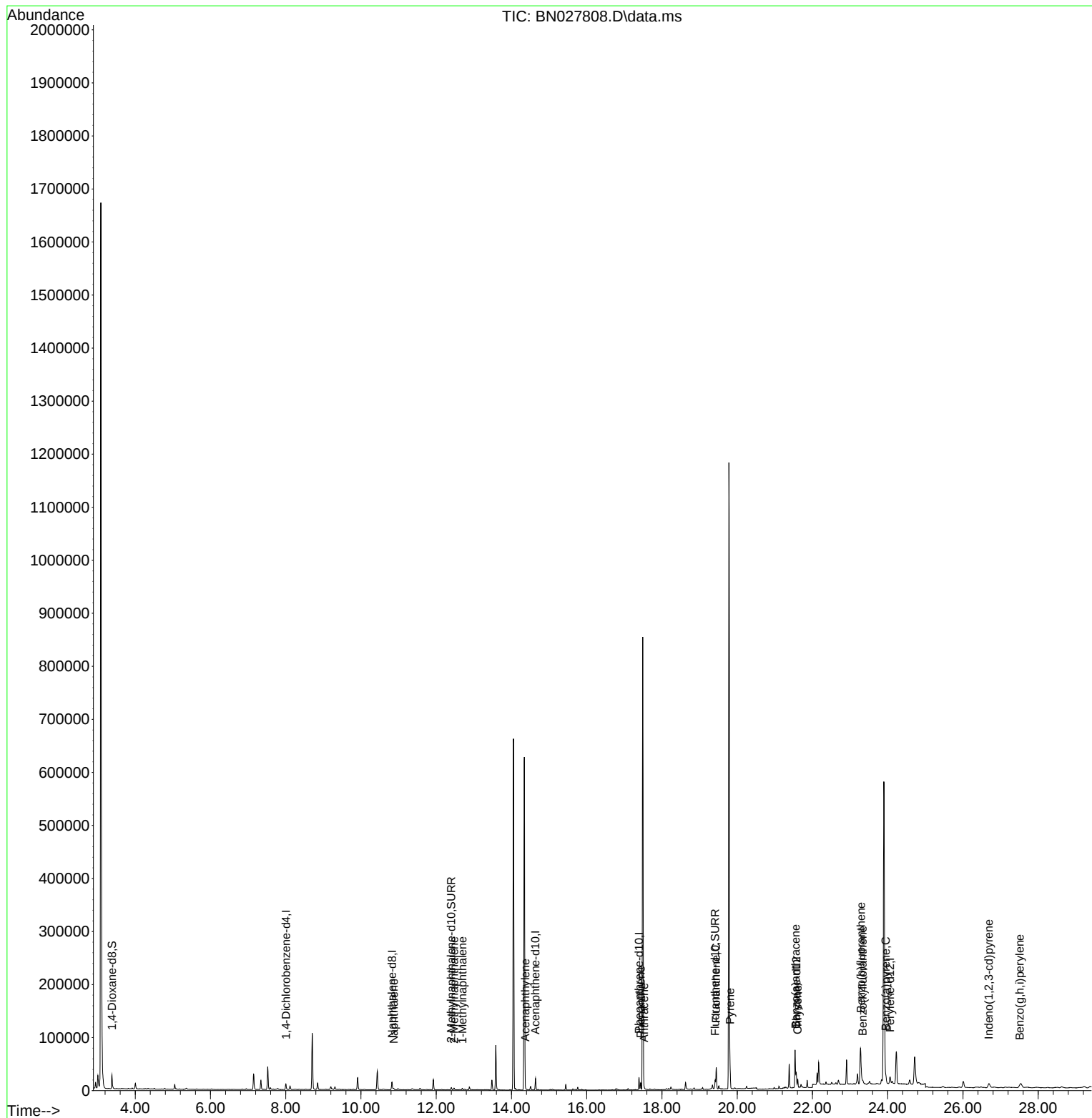
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027808.D
Acq On : 22 Sep 2023 04:33
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Misc :
ALS Vial : 26 Sample Multiplier: 1

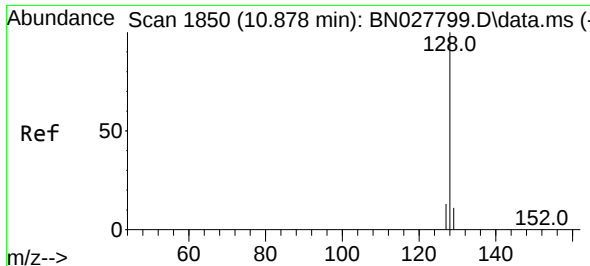
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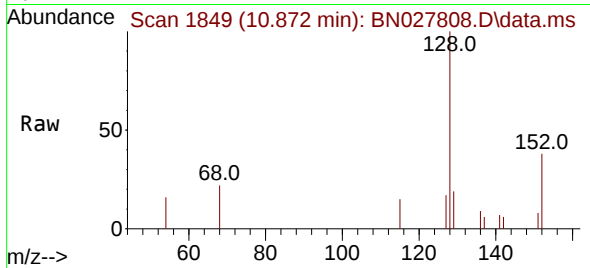
Quant Time: Sep 22 05:13:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027808.D
Acq: 22 Sep 2023 04:33

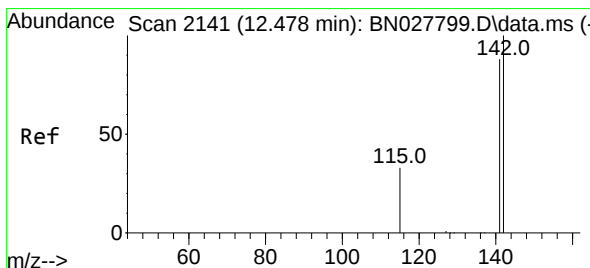
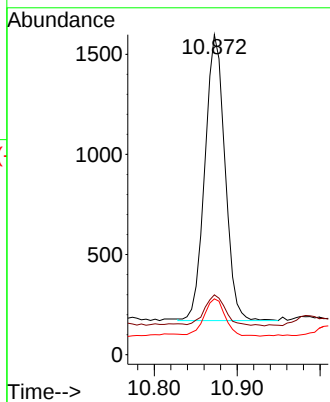
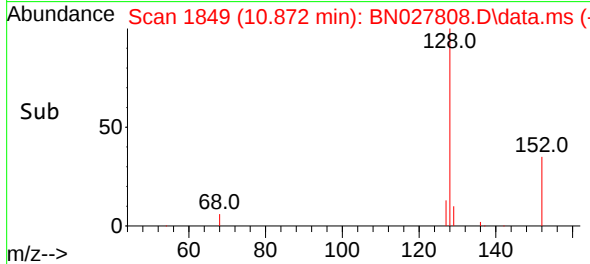
Instrument :
BNA_N
ClientSampleId :
C0AC6



Tgt Ion:128 Resp: 2400
Ion Ratio Lower Upper
128 100
129 18.7 9.3 13.9
127 17.5 10.7 16.1

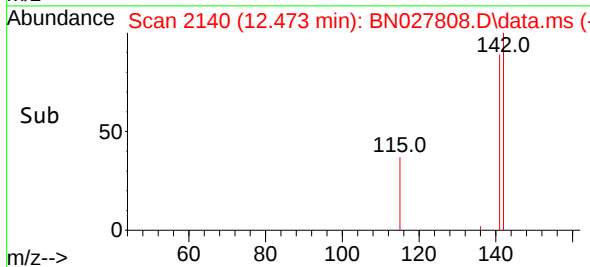
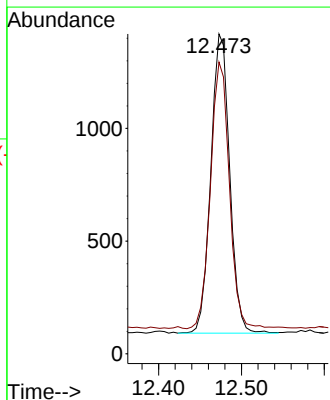
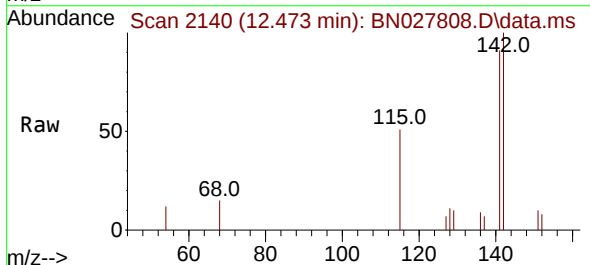
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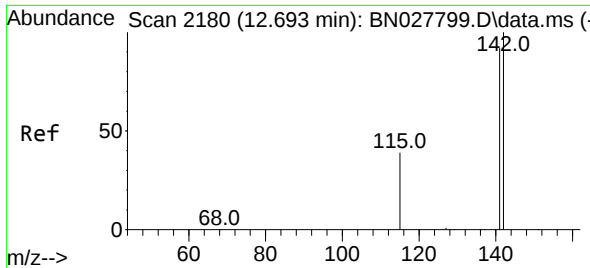
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#7
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027808.D
Acq: 22 Sep 2023 04:33

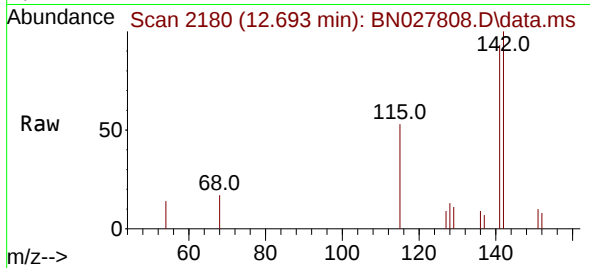
Tgt Ion:142 Resp: 2103
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027808.D
Acq: 22 Sep 2023 04:33

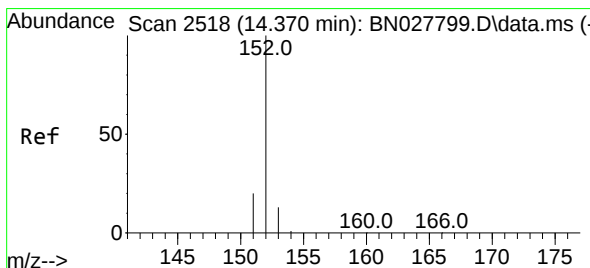
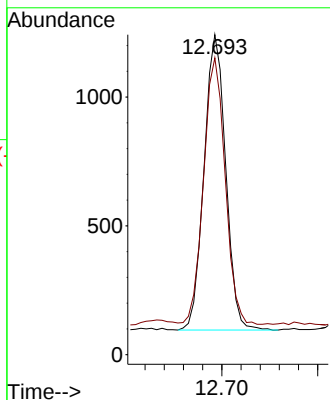
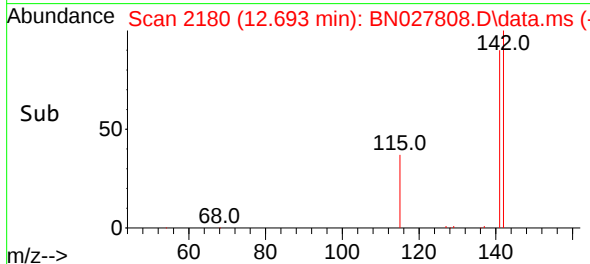
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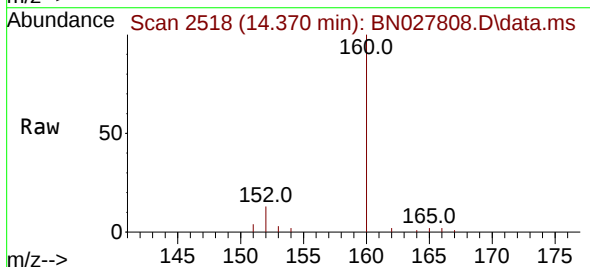
Tgt Ion:142 Resp: 1794
Ion Ratio Lower Upper
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141 90.1 72.8 109.2

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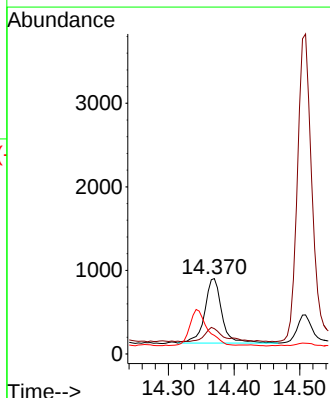
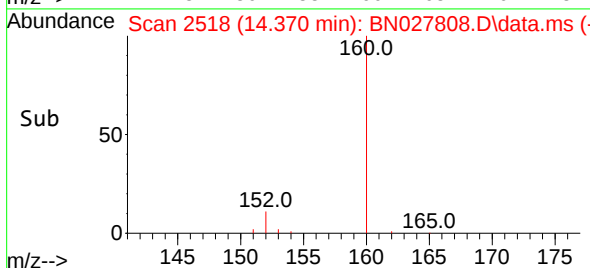
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

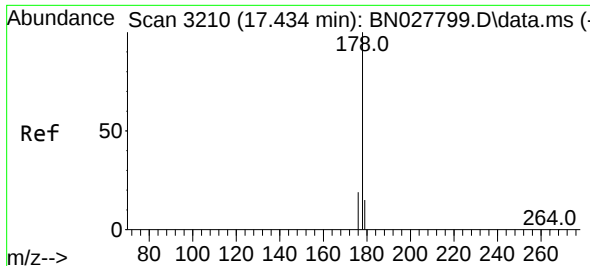


#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027808.D
Acq: 22 Sep 2023 04:33



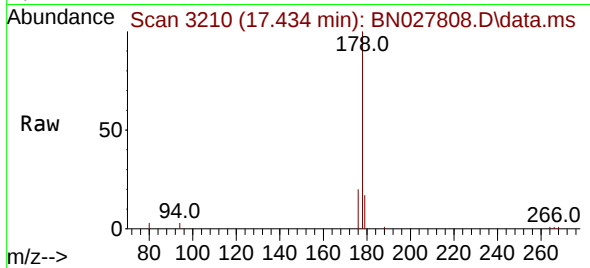
Tgt Ion:152 Resp: 1403
Ion Ratio Lower Upper
152 100
151 33.5 16.6 25.0#
153 24.6 11.0 16.6#





#15
Phenanthrene
Concen: 0.168 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. -0.000 min
Lab File: BN027808.D
Acq: 22 Sep 2023 04:33

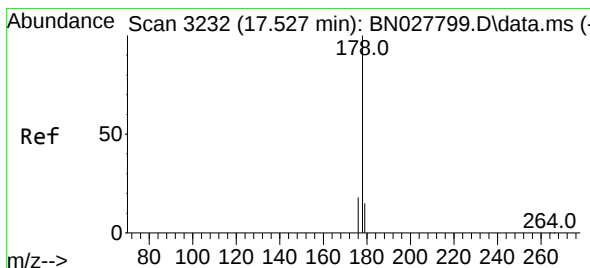
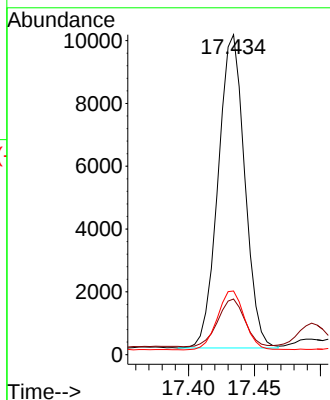
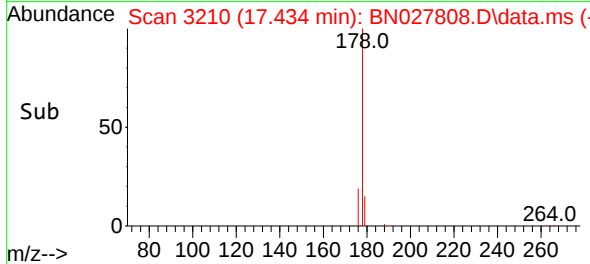
Instrument :
BNA_N
ClientSampleId :
C0AC6



Tgt Ion:178 Resp: 1396
Ion Ratio Lower Upper
178 100
179 17.4 12.4 18.6
176 19.9 16.0 24.0

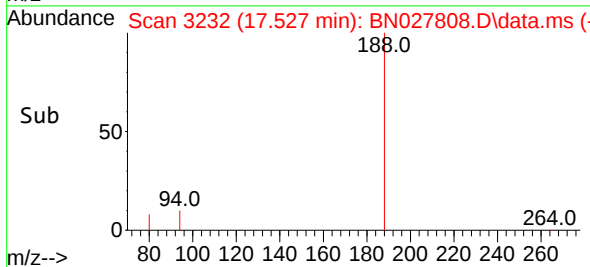
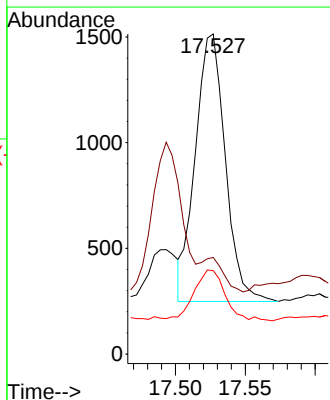
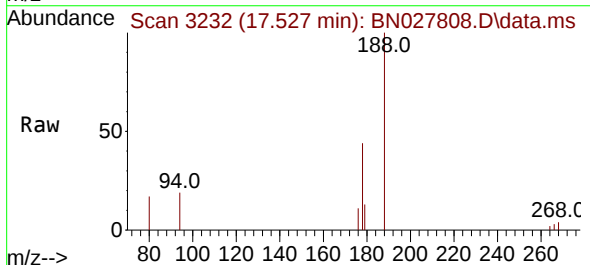
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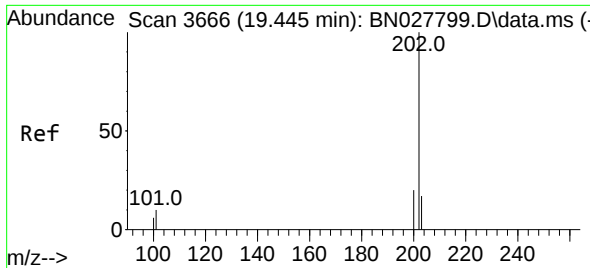
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#16
Anthracene
Concen: 0.027 ng/ul
RT: 17.527 min Scan# 3232
Delta R.T. -0.000 min
Lab File: BN027808.D
Acq: 22 Sep 2023 04:33

Tgt Ion:178 Resp: 1889
Ion Ratio Lower Upper
178 100
179 30.2 12.6 19.0#
176 26.1 15.5 23.3#





#19

Fluoranthene

Concen: 0.398 ng/ul

RT: 19.441 min Scan# 3666

Delta R.T. -0.005 min

Lab File: BN027808.D

Acq: 22 Sep 2023 04:33

Instrument :

BNA_N

ClientSampleId :

C0AC6

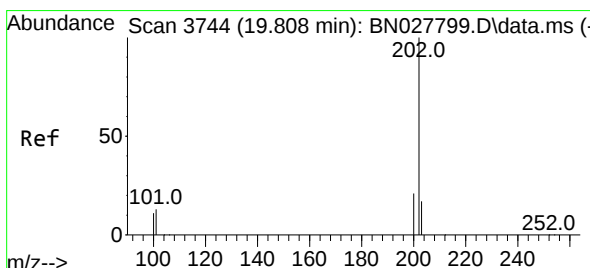
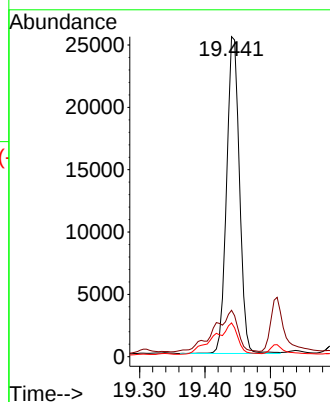
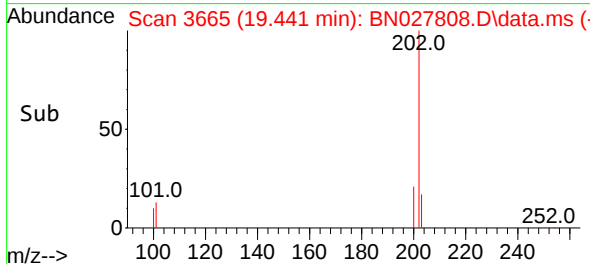
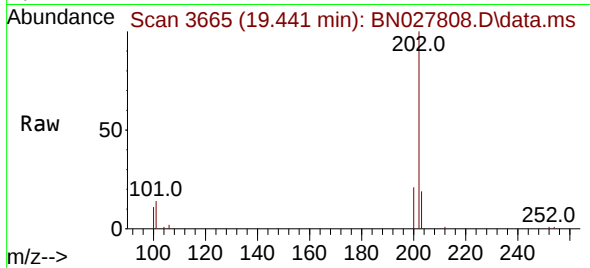
Tgt Ion:	202	Resp:	34629
Ion Ratio	Lower	Upper	
202	100		
101	14.5	9.3	13.9
100	10.5	7.0	10.4

Manual Integrations

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Supervised By :mohammad ahmed 09/25/2023



#20

Pyrene

Concen: 0.317 ng/ul m

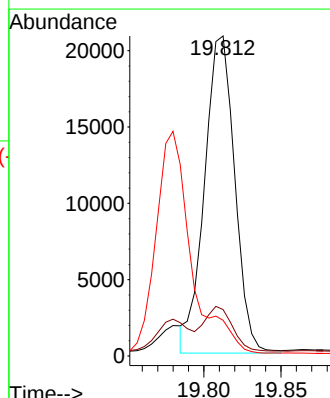
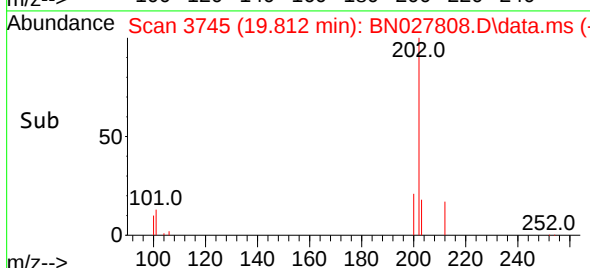
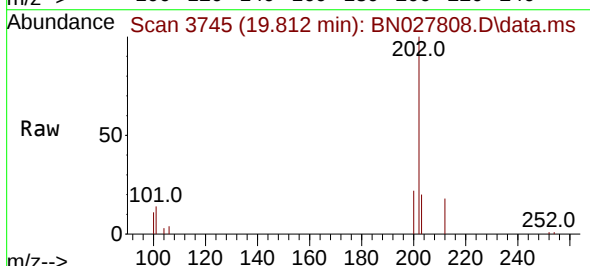
RT: 19.812 min Scan# 3745

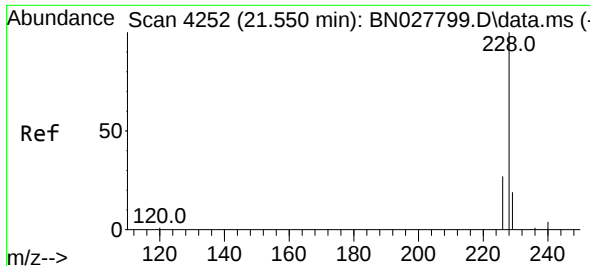
Delta R.T. -0.000 min

Lab File: BN027808.D

Acq: 22 Sep 2023 04:33

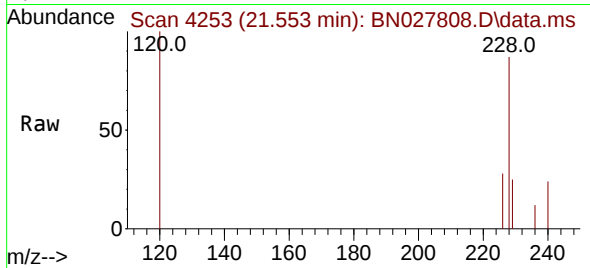
Tgt Ion:	202	Resp:	28426
Ion Ratio	Lower	Upper	
202	100		
101	14.5	11.4	17.0
100	11.1	9.1	13.7





#21
Benzo(a)anthracene
Concen: 0.158 ng/ul
RT: 21.553 min Scan# 4253
Delta R.T. -0.000 min
Lab File: BN027808.D
Acq: 22 Sep 2023 04:33

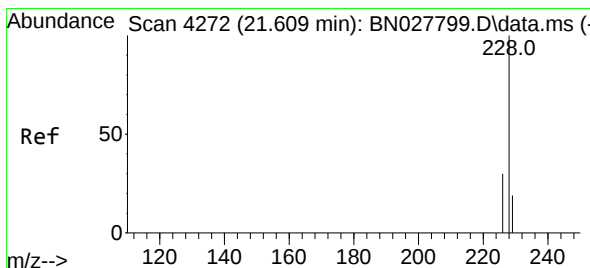
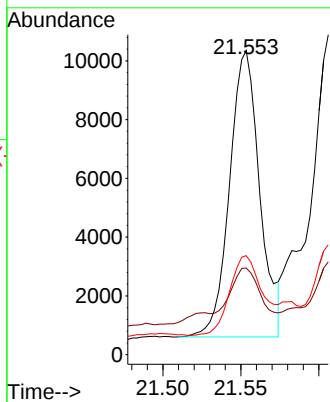
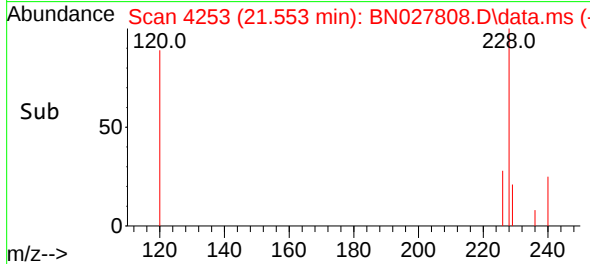
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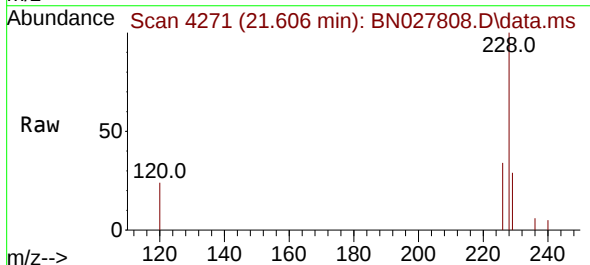
Tgt Ion:228 Resp: 1312
Ion Ratio Lower Upper
228 100
229 28.5 15.8 23.8
226 32.6 22.0 33.0

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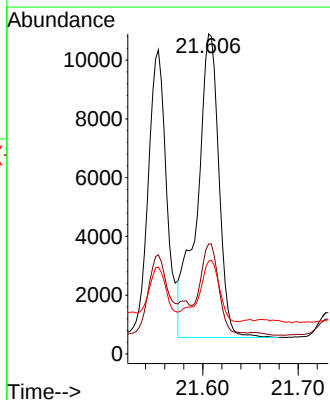
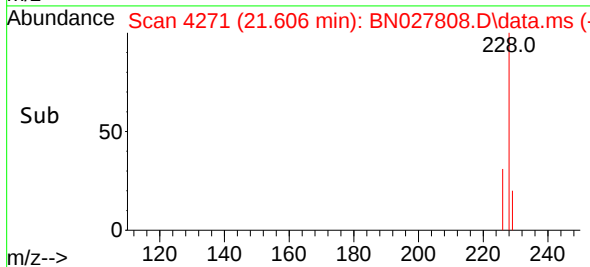
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

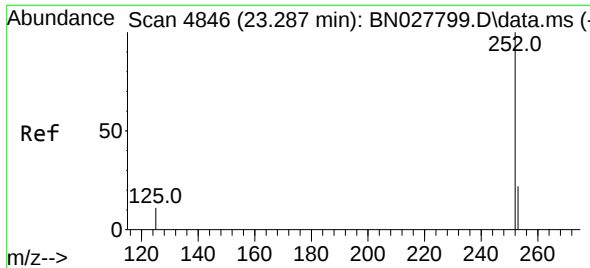


#22
Chrysene
Concen: 0.191 ng/ul
RT: 21.606 min Scan# 4271
Delta R.T. -0.003 min
Lab File: BN027808.D
Acq: 22 Sep 2023 04:33



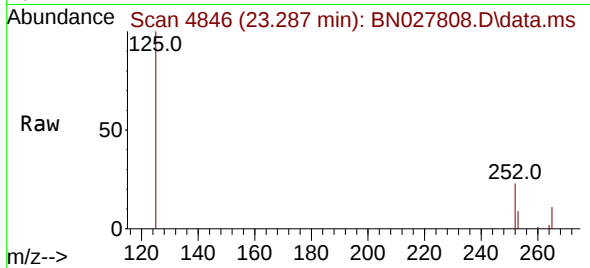
Tgt Ion:228 Resp: 16446
Ion Ratio Lower Upper
228 100
226 34.3 24.5 36.7
229 29.0 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.258 ng/ul m
RT: 23.287 min Scan# 4846
Delta R.T. -0.003 min
Lab File: BN027808.D
Acq: 22 Sep 2023 04:33

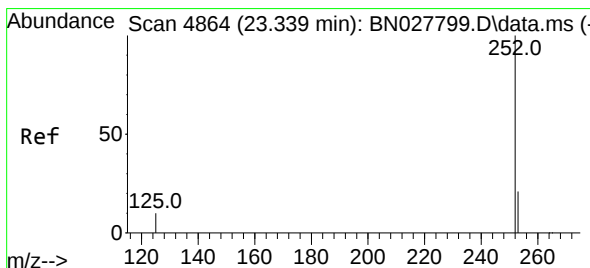
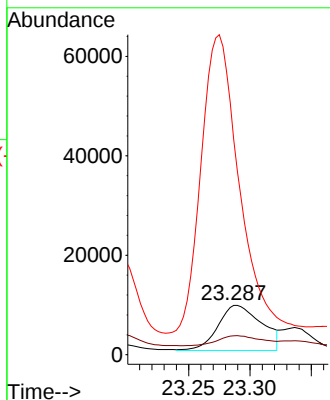
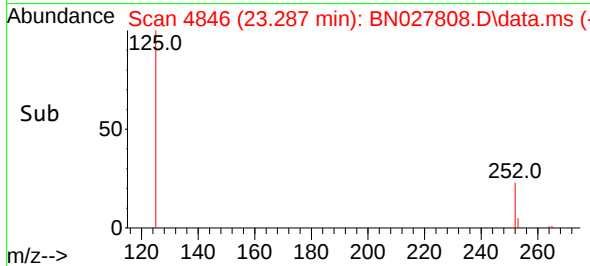
Instrument :
BNA_N
ClientSampleId :
C0AC6



Tgt Ion:252 Resp: 22640
Ion Ratio Lower Upper
252 100
253 38.4 0.0 50.2
125 435.9 0.0 31.4

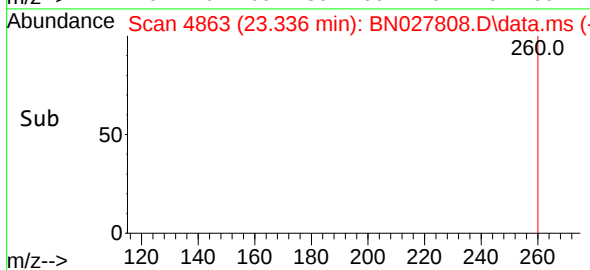
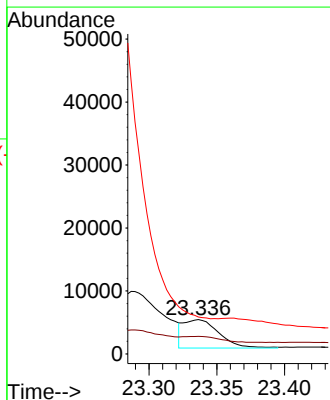
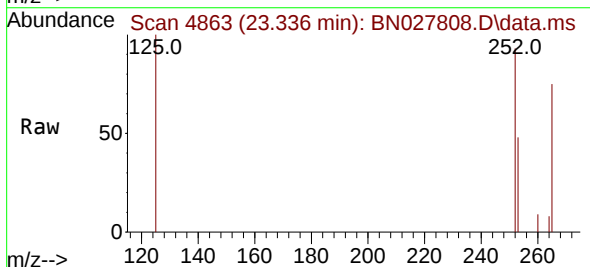
Manual Integrations
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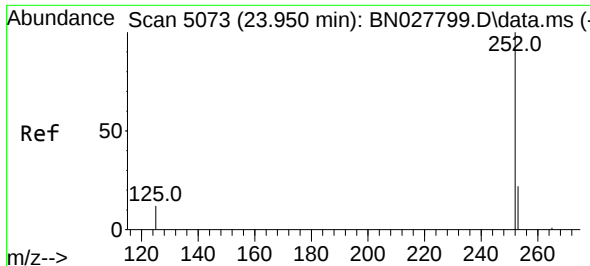
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.096 ng/ul m
RT: 23.336 min Scan# 4863
Delta R.T. -0.006 min
Lab File: BN027808.D
Acq: 22 Sep 2023 04:33

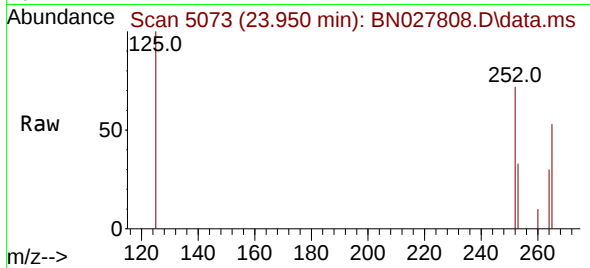
Tgt Ion:252 Resp: 8171
Ion Ratio Lower Upper
252 100
253 51.3 19.9 29.9#
125 107.4 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.177 ng/ul
RT: 23.950 min Scan# 5073
Delta R.T. -0.000 min
Lab File: BN027808.D
Acq: 22 Sep 2023 04:33

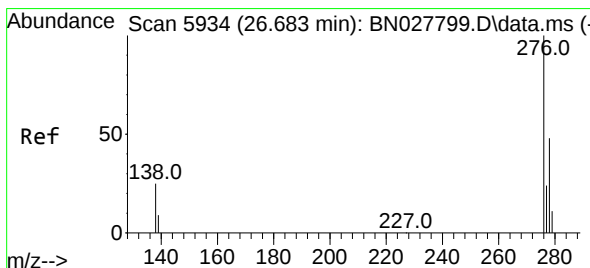
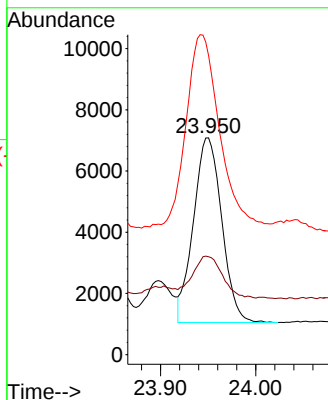
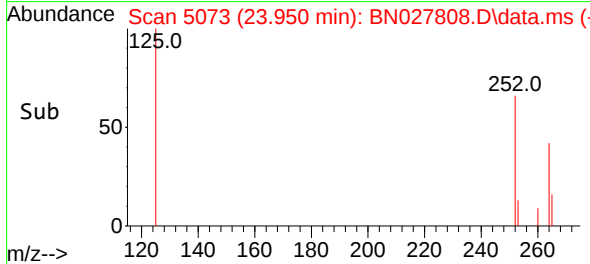
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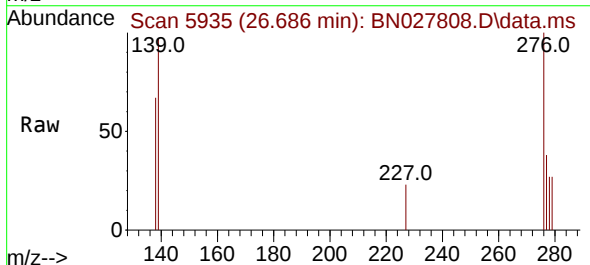
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Ion Ratio Lower Upper
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253 45.2 21.9 32.9
125 138.0 15.5 23.3

Manual Integrations
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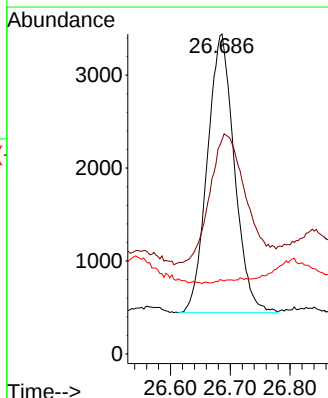
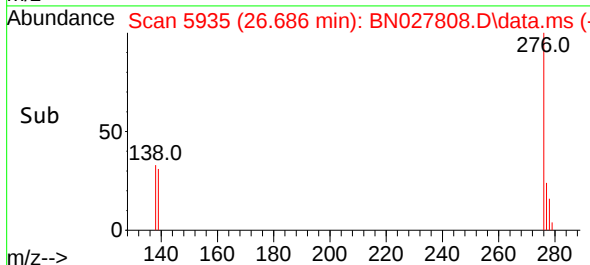
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

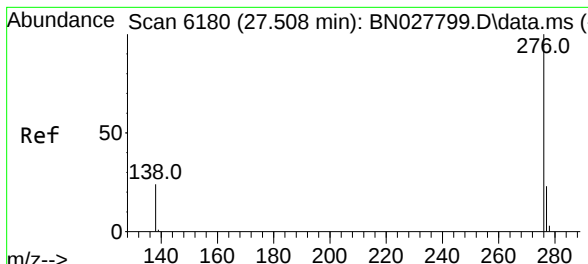


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.104 ng/ul
RT: 26.686 min Scan# 5935
Delta R.T. 0.003 min
Lab File: BN027808.D
Acq: 22 Sep 2023 04:33



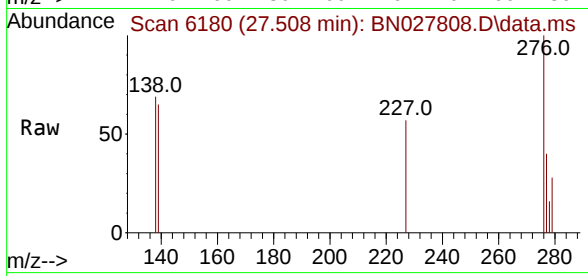
Tgt Ion:276 Resp: 9396
Ion Ratio Lower Upper
276 100
138 70.6 24.3 36.5
227 0.0 0.0 0.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.136 ng/ul
 RT: 27.508 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: BN027808.D
 Acq: 22 Sep 2023 04:33

Instrument :
 BNA_N
 ClientSampleId :
 C0AC6



Tgt Ion: 276 Resp: 1044

Ion	Ratio	Lower	Upper
276	100		
138	69.5	21.7	32.5
277	40.2	20.2	30.2

Manual Integrations
 APPROVED
 Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023

