

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026908.D
 Acq On : 15 Aug 2023 19:25
 Operator : MA/JU
 Sample : 03965-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/16/2023
 Supervised By :Sohil Jodhani 08/16/2023

Quant Time: Aug 16 00:54:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 00:50:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	13261	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	44095	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	26685	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.485	188	59835	0.400	ng/ul	0.00
17) Chrysene-d12	21.656	240	48635	0.400	ng/ul	# 0.00
23) Perylene-d12	24.208	264	43944	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	49166	3.123	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	15660	0.241	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	37405	0.244	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.988	128	28866	0.232	ng/ul	99
7) 2-Methylnaphthalene	12.583	142	10647	0.141	ng/ul	100
8) 1-Methylnaphthalene	12.803	142	7791	0.099	ng/ul	99
10) Acenaphthylene	14.467	152	72220	0.483	ng/ul	100
11) Acenaphthene	14.800	153	23173	0.224	ng/ul	99
12) Fluorene	15.781	166	30584	0.261	ng/ul	98
14) Pentachlorophenol	17.105	266	988	0.058	ng/ul	97
15) Phenanthrene	17.527	178	847275	4.310	ng/ul	100
16) Anthracene	17.616	178	146850	0.827	ng/ul	100
19) Fluoranthene	19.529	202	2525603	12.502	ng/ul	98
20) Pyrene	19.896	202	2189788m	10.159	ng/ul	
21) Benzo(a)anthracene	21.635	228	1002668	5.184	ng/ul	99
22) Chrysene	21.694	228	1350461	7.073	ng/ul	98
24) Benzo(b)fluoranthene	23.416	252	1819633m	10.947	ng/ul	
25) Benzo(k)fluoranthene	23.465	252	648565m	3.956	ng/ul	
26) Benzo(a)pyrene	24.094	252	1031227	6.876	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.908	276	820207	4.180	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.928	278	182000	1.164	ng/ul	94
29) Benzo(g,h,i)perylene	27.750	276	735631	4.503	ng/ul	99

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

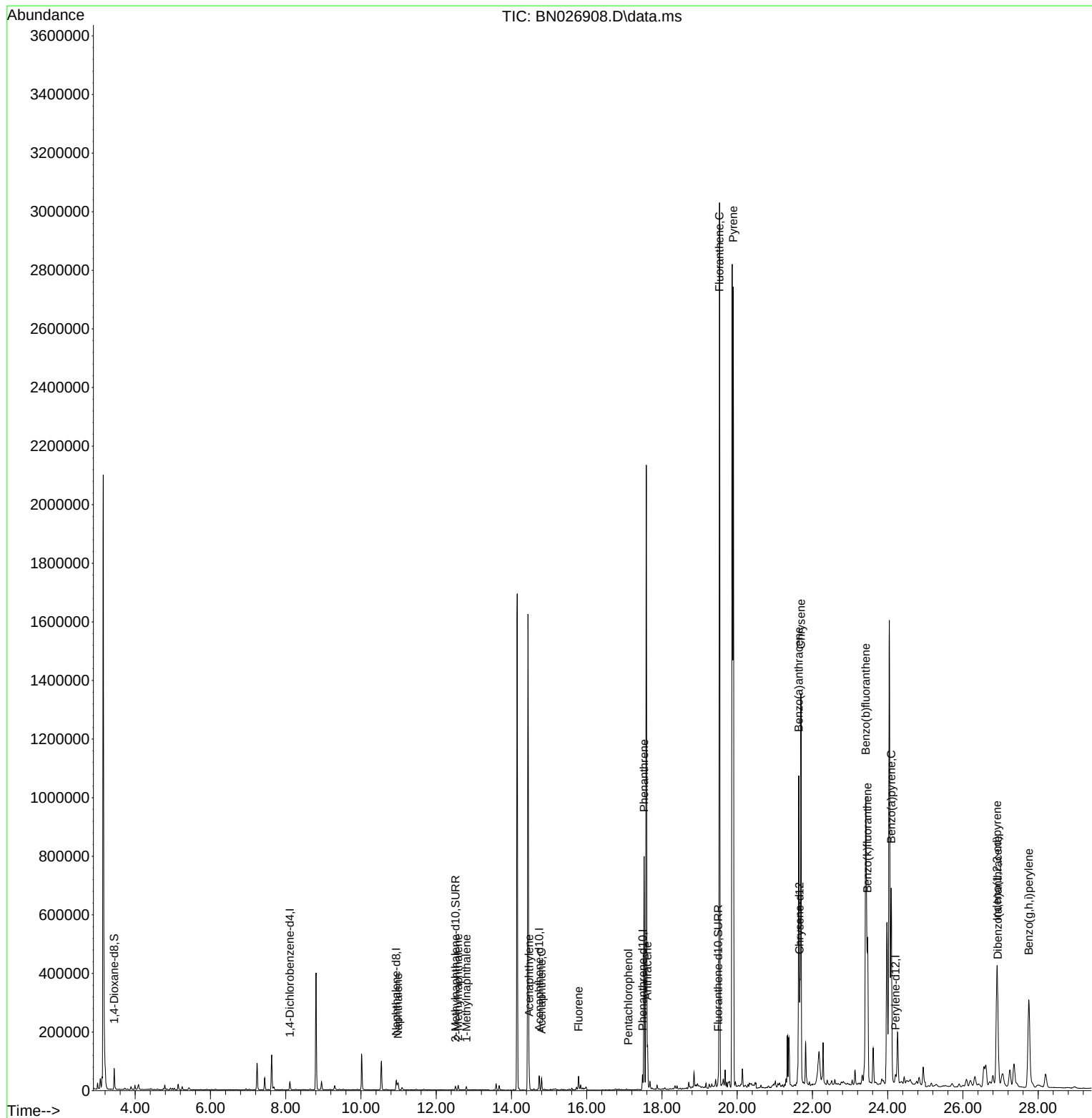
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
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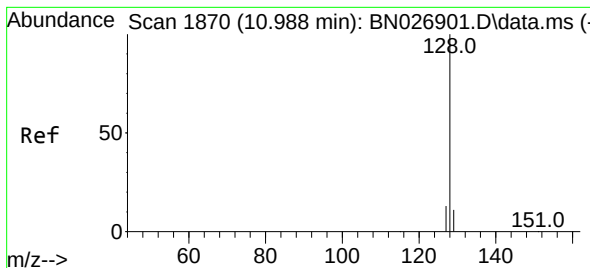
Instrument :
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#5

Naphthalene

Concen: 0.232 ng/ul

RT: 10.988 min Scan# 11

Delta R.T. 0.006 min

Lab File: BN026908.D

Acq: 15 Aug 2023 19:25

Instrument :

BNA_N

ClientSampleId :

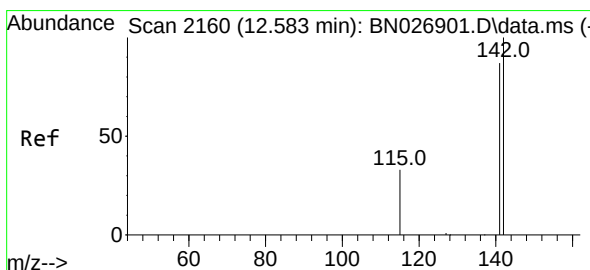
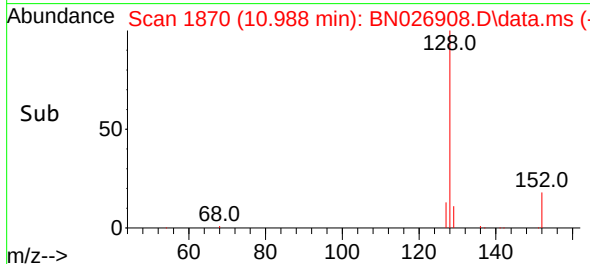
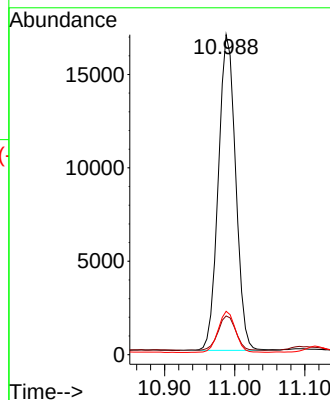
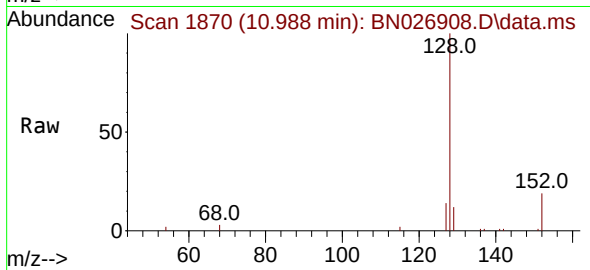
A48H9

Tgt Ion:128	Resp:	2886
Ion Ratio	Lower	Upper
128	100	
129	12.1	9.2 13.8
127	13.6	10.5 15.7

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.141 ng/ul

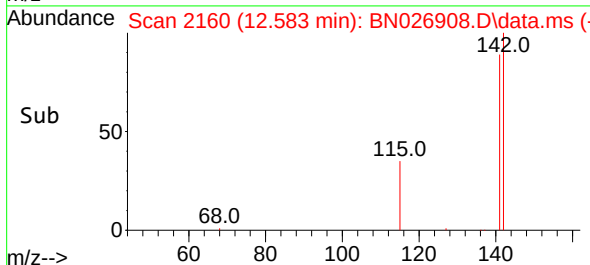
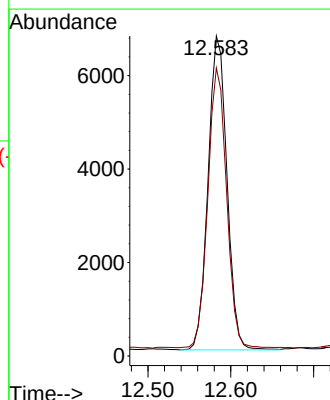
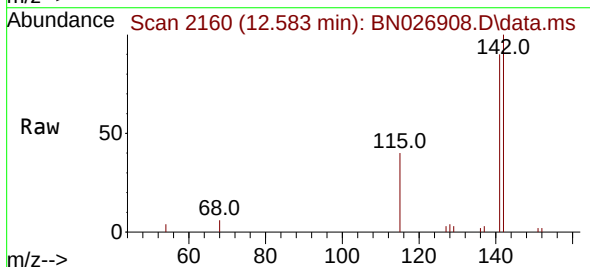
RT: 12.583 min Scan# 2160

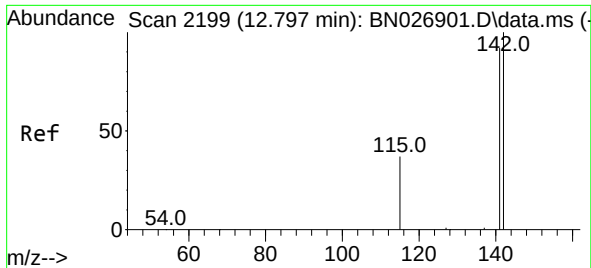
Delta R.T. 0.000 min

Lab File: BN026908.D

Acq: 15 Aug 2023 19:25

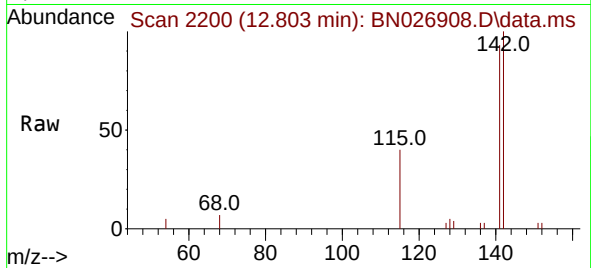
Tgt Ion:142	Resp:	10647
Ion Ratio	Lower	Upper
142	100	
141	88.3	70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.803 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BN026908.D
Acq: 15 Aug 2023 19:25

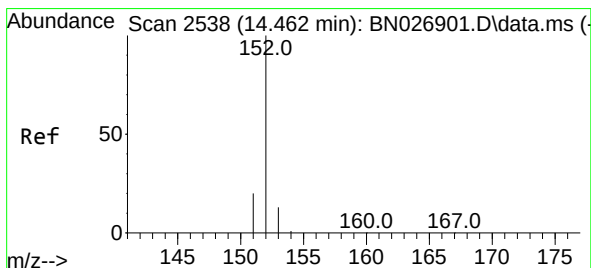
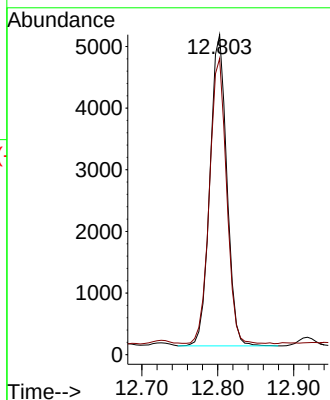
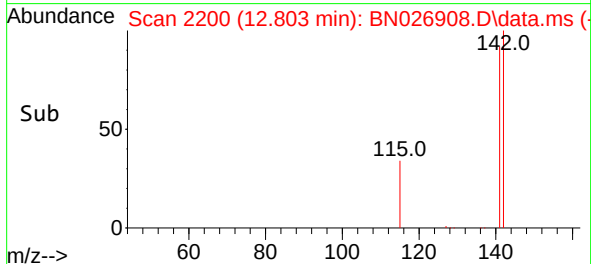
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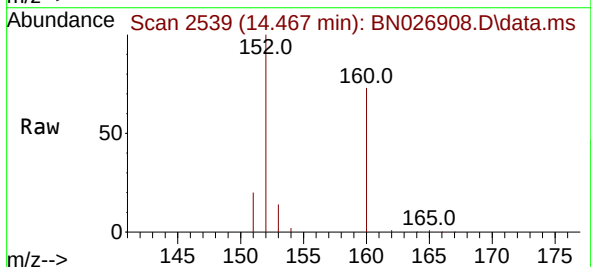
Tgt Ion:142 Resp: 779
Ion Ratio Lower Upper
142 100
141 92.3 73.2 109.8

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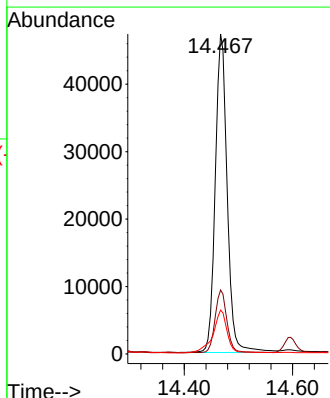
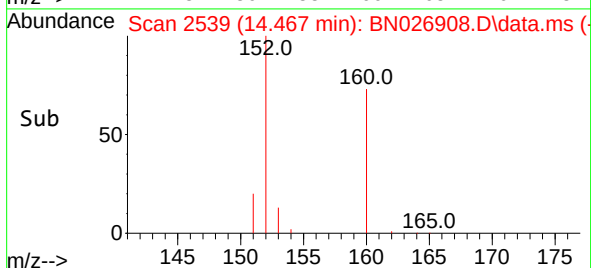
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023

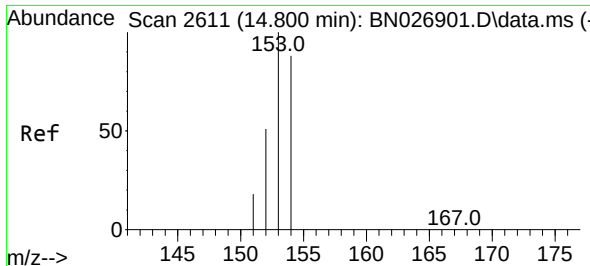


#10
Acenaphthylene
Concen: 0.483 ng/ul
RT: 14.467 min Scan# 2539
Delta R.T. 0.005 min
Lab File: BN026908.D
Acq: 15 Aug 2023 19:25



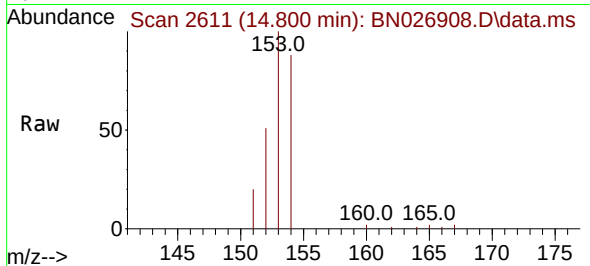
Tgt Ion:152 Resp: 72220
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.7 11.0 16.6





#11
Acenaphthene
Concen: 0.224 ng/ul
RT: 14.800 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BN026908.D
Acq: 15 Aug 2023 19:25

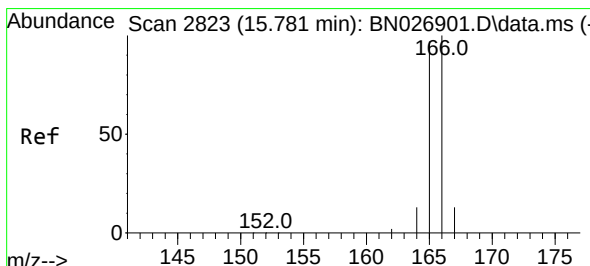
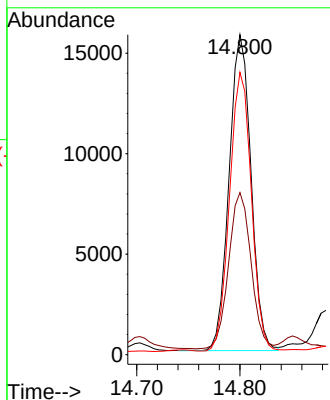
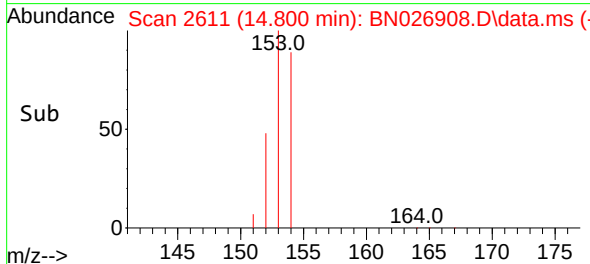
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 2317
Ion Ratio Lower Upper
153 100
152 50.6 41.1 61.7
154 88.2 71.6 107.4

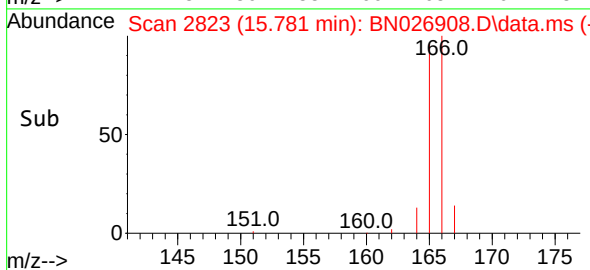
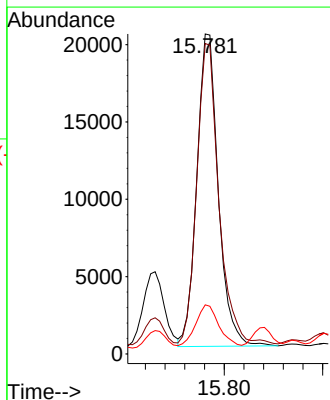
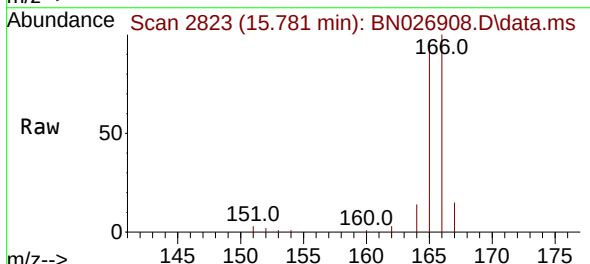
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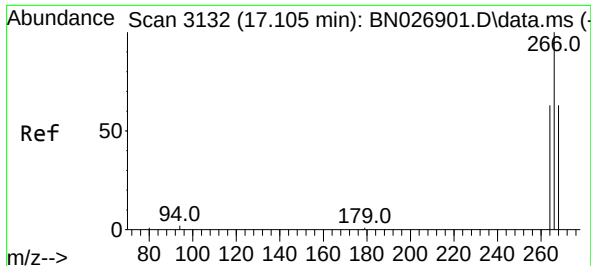
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#12
Fluorene
Concen: 0.261 ng/ul
RT: 15.781 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BN026908.D
Acq: 15 Aug 2023 19:25

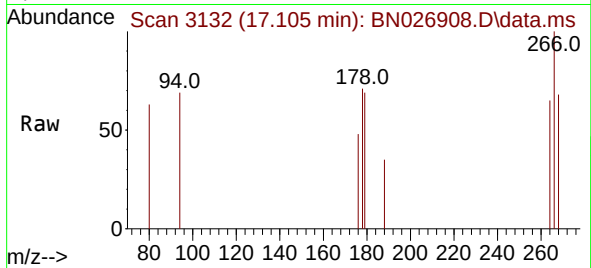
Tgt Ion:166 Resp: 30584
Ion Ratio Lower Upper
166 100
165 97.0 79.1 118.7
167 15.3 11.4 17.0





#14
Pentachlorophenol
Concen: 0.058 ng/u1
RT: 17.105 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BN026908.D
Acq: 15 Aug 2023 19:25

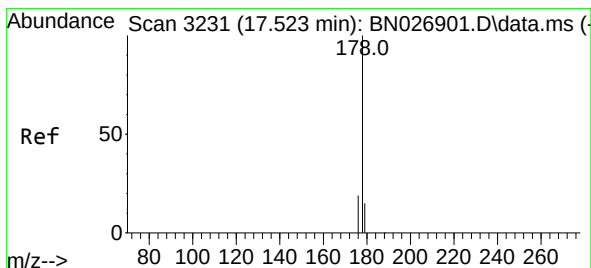
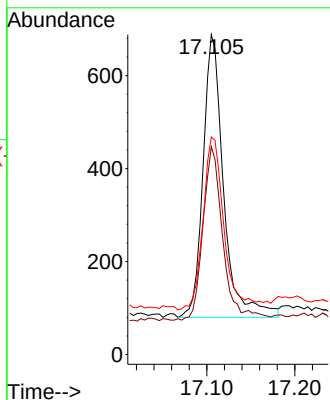
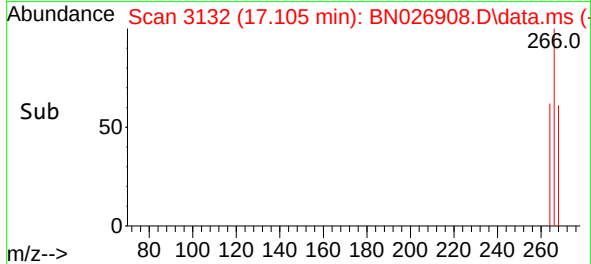
Instrument :
BNA_N
ClientSampleId :
A48H9



Tgt Ion:266 Resp: 988
Ion Ratio Lower Upper
266 100
264 59.2 50.4 75.6
268 63.6 51.2 76.8

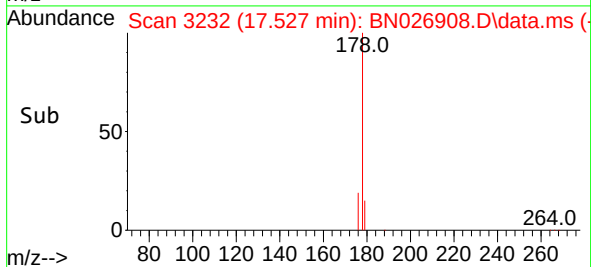
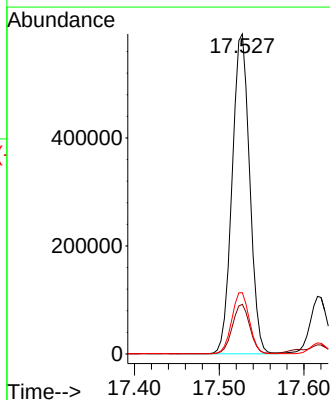
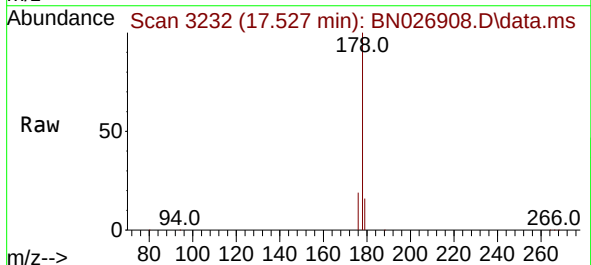
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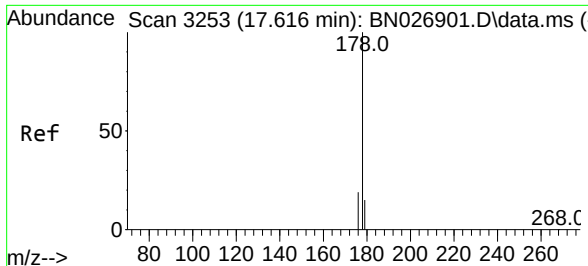
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#15
Phenanthrene
Concen: 4.310 ng/u1
RT: 17.527 min Scan# 3232
Delta R.T. 0.004 min
Lab File: BN026908.D
Acq: 15 Aug 2023 19:25

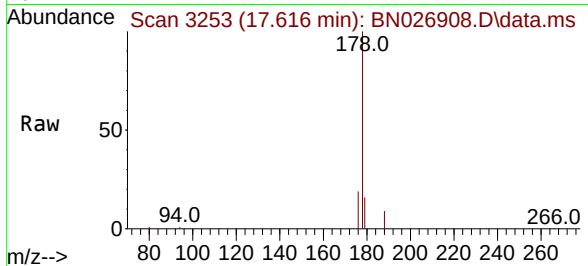
Tgt Ion:178 Resp: 847275
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.2 15.4 23.2





#16
 Anthracene
 Concen: 0.827 ng/ul
 RT: 17.616 min Scan# 3253
 Delta R.T. 0.000 min
 Lab File: BN026908.D
 Acq: 15 Aug 2023 19:25

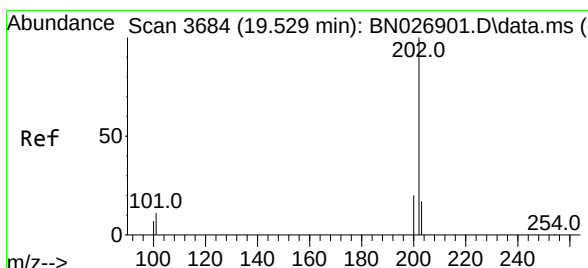
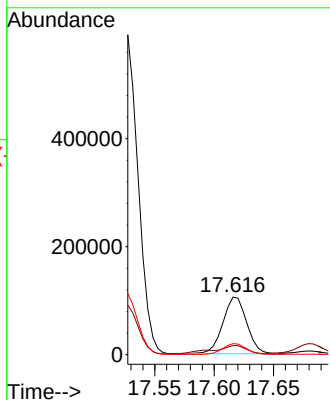
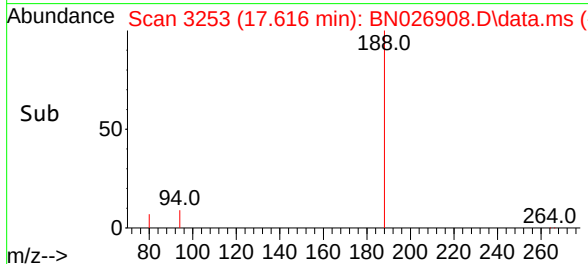
Instrument :
 BNA_N
 ClientSampleId :
 A48H9



Tgt Ion:178 Resp: 146850
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.6 19.0
 176 19.1 15.0 22.6

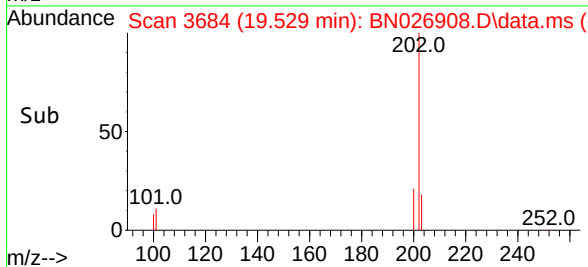
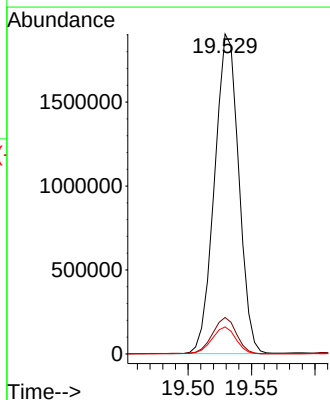
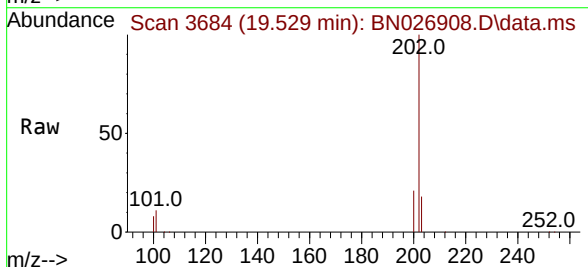
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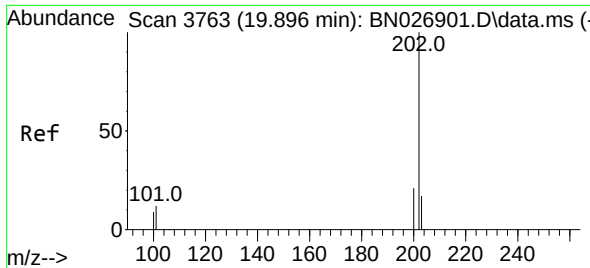
Reviewed By :Yogesh Patel 08/16/2023
 Supervised By :Sohil Jodhani 08/16/2023



#19
 Fluoranthene
 Concen: 12.502 ng/ul
 RT: 19.529 min Scan# 3684
 Delta R.T. 0.000 min
 Lab File: BN026908.D
 Acq: 15 Aug 2023 19:25

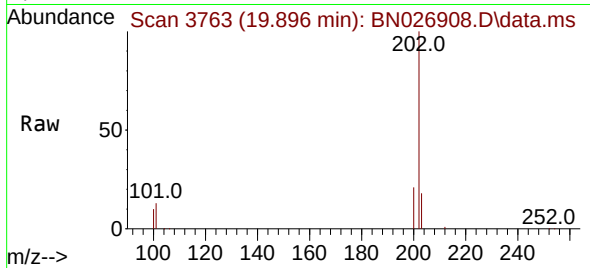
Tgt Ion:202 Resp: 2525603
 Ion Ratio Lower Upper
 202 100
 101 11.4 8.3 12.5
 100 8.4 6.2 9.2





#20
Pyrene
Concen: 10.159 ng/ul m
RT: 19.896 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BN026908.D
Acq: 15 Aug 2023 19:25

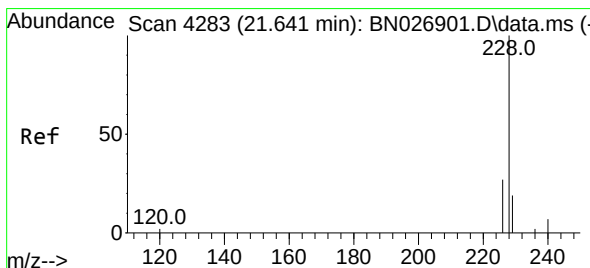
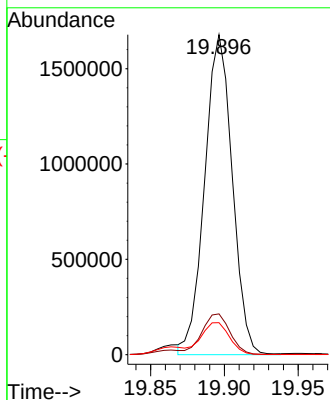
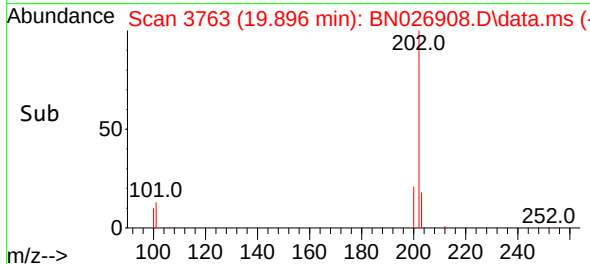
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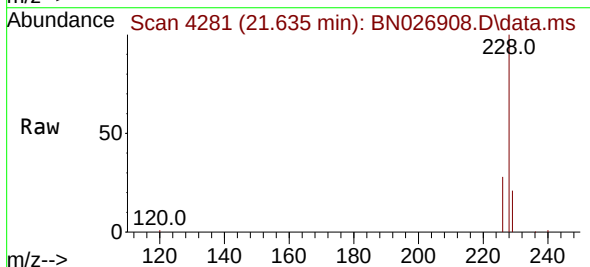
Tgt Ion:202 Resp: 2189788
Ion Ratio Lower Upper
202 100
101 12.8 10.7 16.1
100 10.0 8.5 12.7

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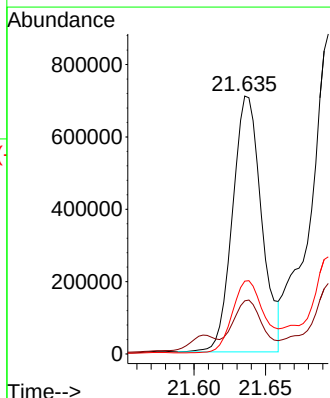
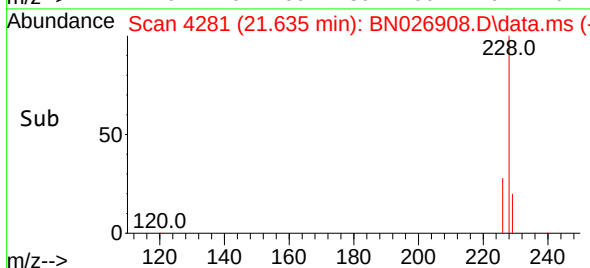
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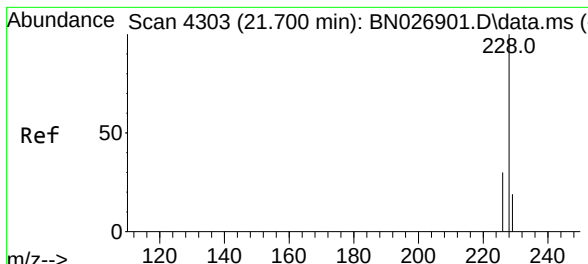


#21
Benzo(a)anthracene
Concen: 5.184 ng/ul
RT: 21.635 min Scan# 4281
Delta R.T. -0.006 min
Lab File: BN026908.D
Acq: 15 Aug 2023 19:25



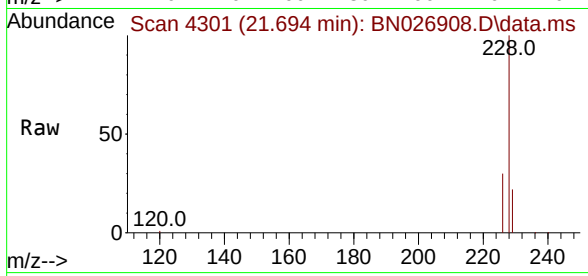
Tgt Ion:228 Resp: 1002668
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.2 22.2 33.2





#22
 Chrysene
 Concen: 7.073 ng/ul
 RT: 21.694 min Scan# 4301
 Delta R.T. -0.006 min
 Lab File: BN026908.D
 Acq: 15 Aug 2023 19:25

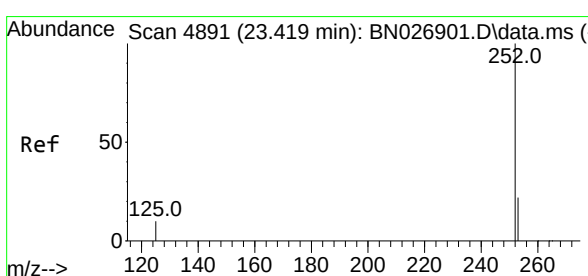
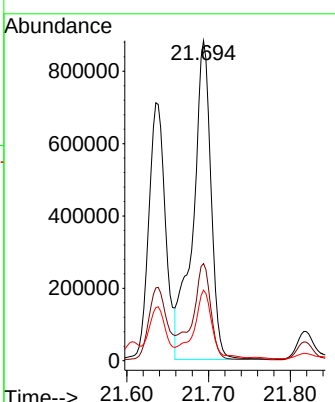
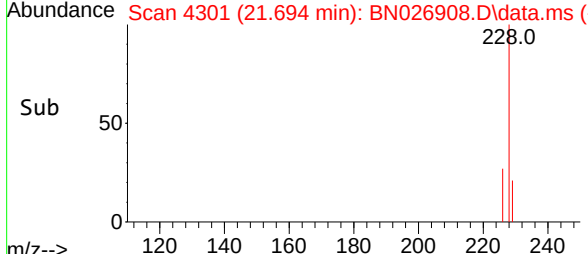
Instrument : BNA_N
 ClientSampleId : A48H9



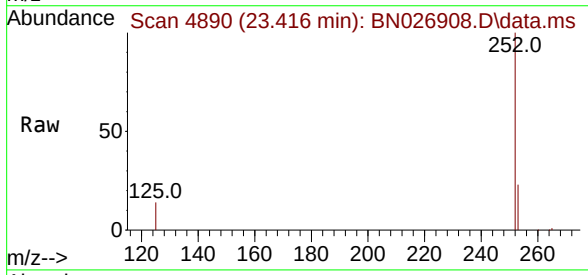
Tgt Ion:228 Resp: 135046

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	36.8
229	22.0	15.8	23.6

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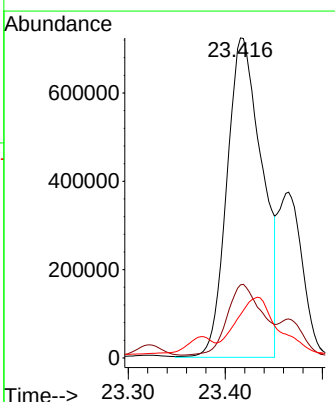
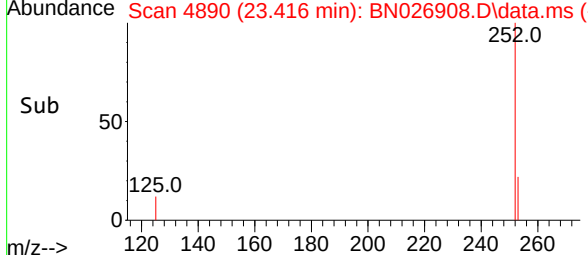


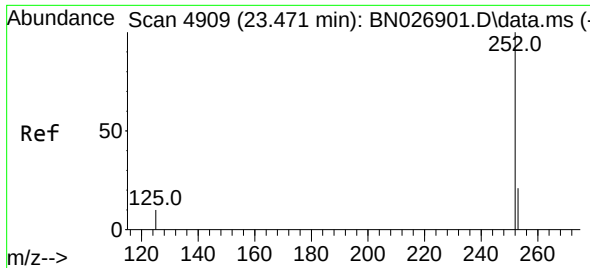
#24
 Benzo(b)fluoranthene
 Concen: 10.947 ng/ul m
 RT: 23.416 min Scan# 4890
 Delta R.T. -0.006 min
 Lab File: BN026908.D
 Acq: 15 Aug 2023 19:25



Tgt Ion:252 Resp: 1819633

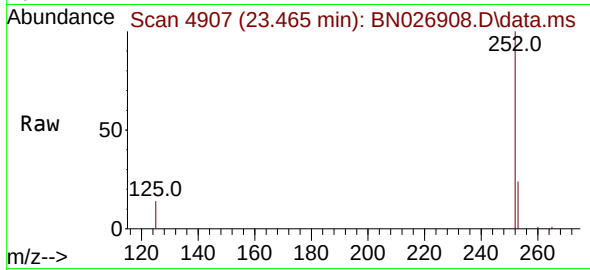
Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	46.8
125	13.5	0.0	25.2





#25
Benzo(k)fluoranthene
Concen: 3.956 ng/ul m
RT: 23.465 min Scan# 4909
Delta R.T. -0.009 min
Lab File: BN026908.D
Acq: 15 Aug 2023 19:25

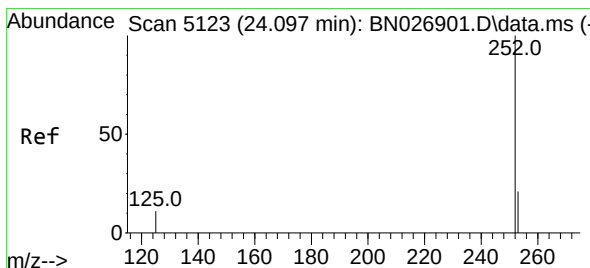
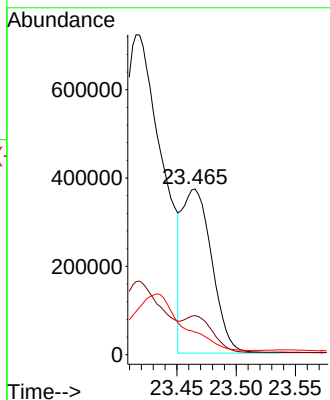
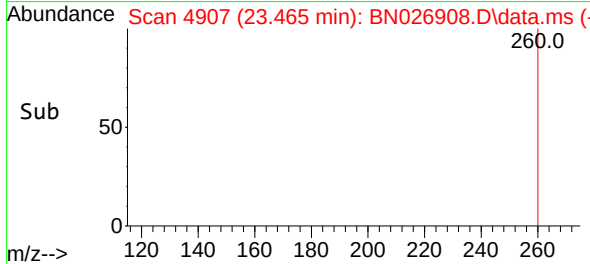
Instrument :
BNA_N
ClientSampleId :
A48H9



Tgt Ion:252 Resp: 64856
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.4
125 13.6 9.9 14.9

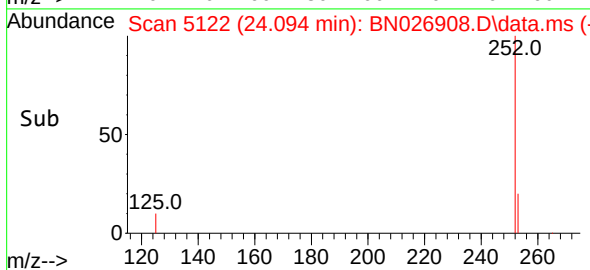
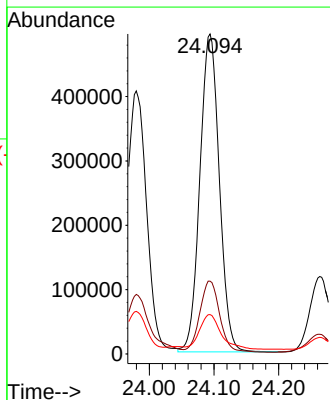
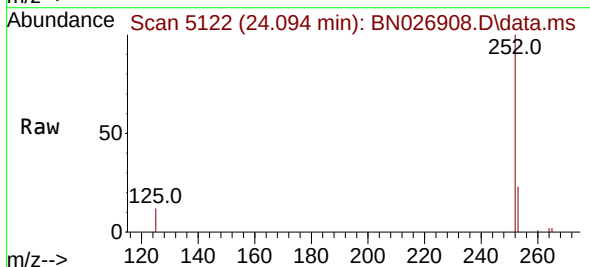
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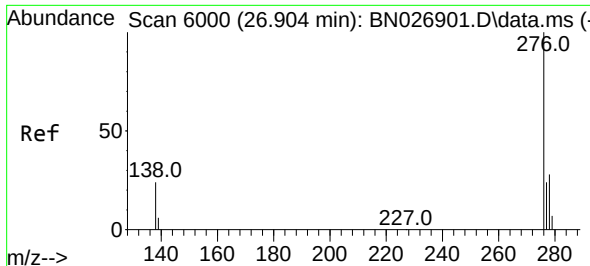
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#26
Benzo(a)pyrene
Concen: 6.876 ng/ul
RT: 24.094 min Scan# 5122
Delta R.T. -0.006 min
Lab File: BN026908.D
Acq: 15 Aug 2023 19:25

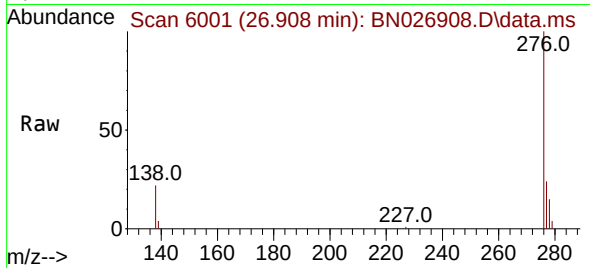
Tgt Ion:252 Resp: 1031227
Ion Ratio Lower Upper
252 100
253 22.7 19.0 28.6
125 12.3 11.4 17.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 4.180 ng/ul
RT: 26.908 min Scan# 6001
Delta R.T. 0.000 min
Lab File: BN026908.D
Acq: 15 Aug 2023 19:25

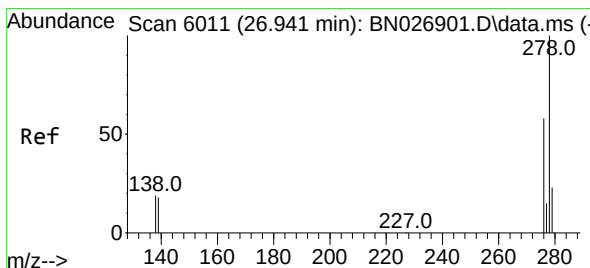
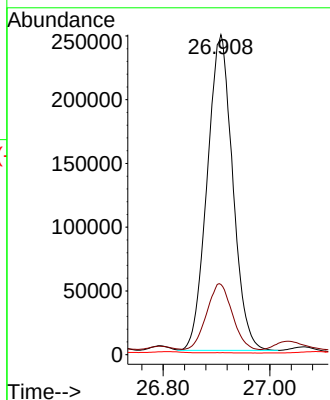
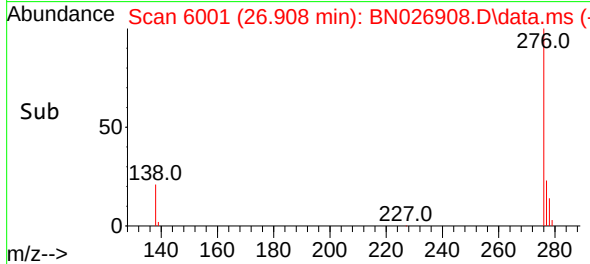
Instrument :
BNA_N
ClientSampleId :
A48H9



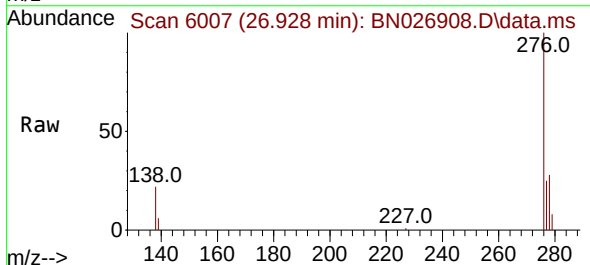
Tgt Ion: 276 Resp: 82020
Ion Ratio Lower Upper
276 100
138 20.7 21.6 32.4
227 0.1 0.0 0.0

Manual Integrations
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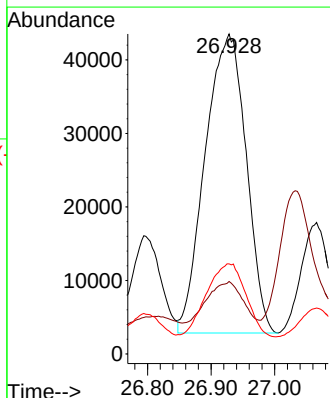
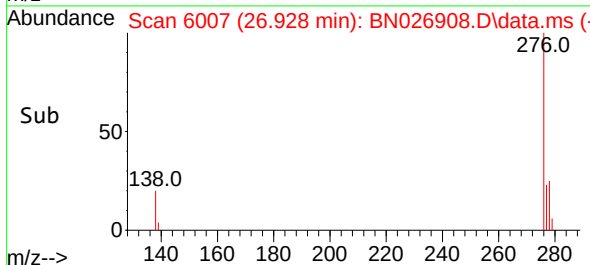
Reviewed By : Yogesh Patel 08/16/2023
Supervised By : Sohil Jodhani 08/16/2023

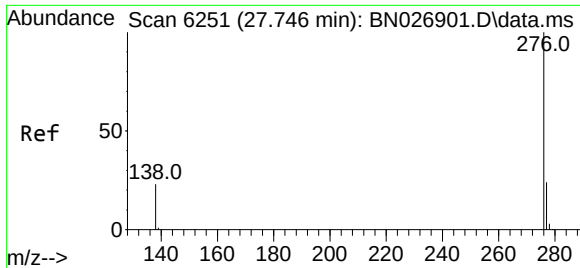


#28
Dibenzo(a,h)anthracene
Concen: 1.164 ng/ul
RT: 26.928 min Scan# 6007
Delta R.T. -0.010 min
Lab File: BN026908.D
Acq: 15 Aug 2023 19:25



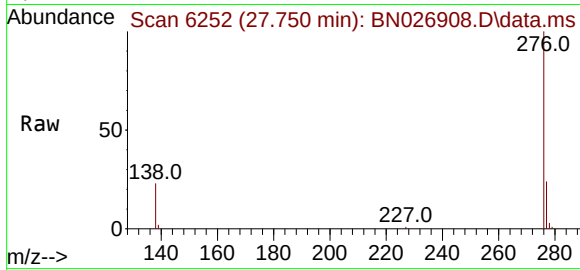
Tgt Ion: 278 Resp: 182000
Ion Ratio Lower Upper
278 100
139 22.7 15.7 23.5
279 28.2 20.2 30.4





#29
 Benzo(g,h,i)perylene
 Concen: 4.503 ng/ul
 RT: 27.750 min Scan# 61
 Delta R.T. 0.004 min
 Lab File: BN026908.D
 Acq: 15 Aug 2023 19:25

Instrument :
 BNA_N
 ClientSampleId :
 A48H9



Tgt Ion:276 Resp: 73563
 Ion Ratio Lower Upper
 276 100
 138 23.5 19.3 28.9
 277 24.3 19.8 29.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/16/2023
 Supervised By :Sohil Jodhani 08/16/2023

