

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
 Data File : BN026496.D
 Acq On : 13 Jul 2023 20:31
 Operator : MA/JU
 Sample : 03418-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46J6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023

Quant Time: Jul 14 04:47:45 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 04:32:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	10333	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	30725	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	17450	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	31852	0.400	ng/ul	0.00
17) Chrysene-d12	21.549	240	23070	0.400	ng/ul	#-0.01
23) Perylene-d12	23.987	264	24417	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	3424	0.252	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.382	152	1093	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	2382	0.030	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	15720	0.186	ng/ul	98
15) Phenanthrene	17.402	178	11899	0.117	ng/ul	99
16) Anthracene	17.495	178	1937	0.022	ng/ul#	80
19) Fluoranthene	19.419	202	33603	0.311	ng/ul	96
20) Pyrene	19.782	202	27197	0.232	ng/ul	98
21) Benzo(a)anthracene	21.535	228	10411	0.123	ng/ul	98
22) Chrysene	21.587	228	14083	0.146	ng/ul	98
24) Benzo(b)fluoranthene	23.245	252	18784m	0.197	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	7060m	0.071	ng/ul	
26) Benzo(a)pyrene	23.876	252	5456	0.064	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.531	276	8963	0.081	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.537	278	2065	0.024	ng/ul#	26
29) Benzo(g,h,i)perylene	27.319	276	8737	0.089	ng/ul	95

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

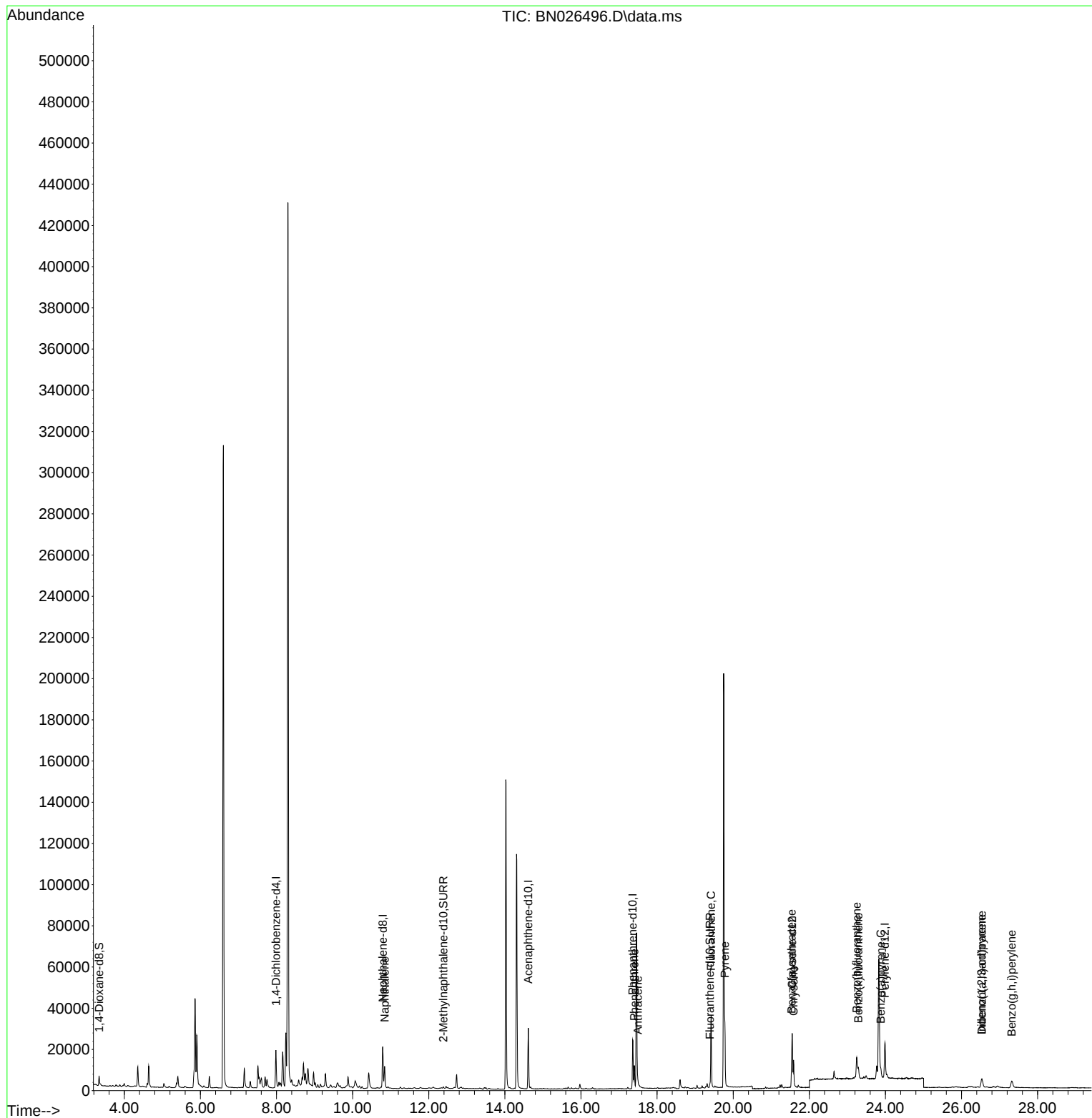
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026496.D
Acq On : 13 Jul 2023 20:31
Operator : MA/JU
Sample : 03418-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

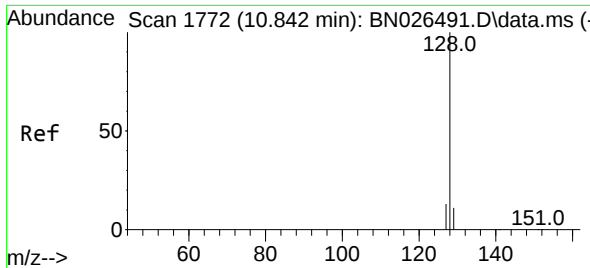
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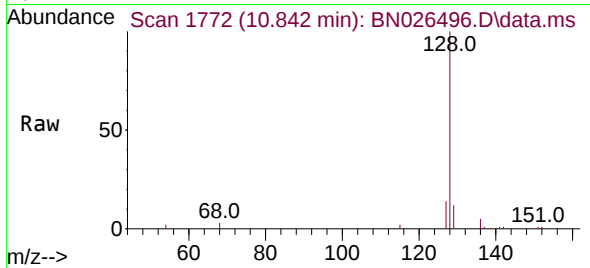
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 04:32:14 2023
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#5
Naphthalene
Concen: 0.186 ng/ul
RT: 10.842 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026496.D
Acq: 13 Jul 2023 20:31

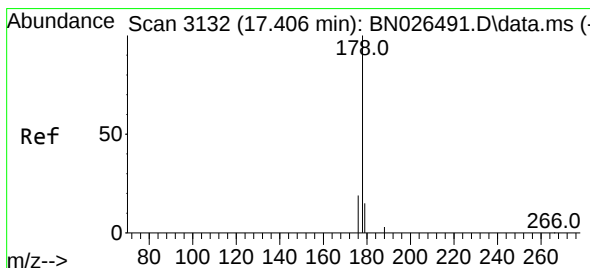
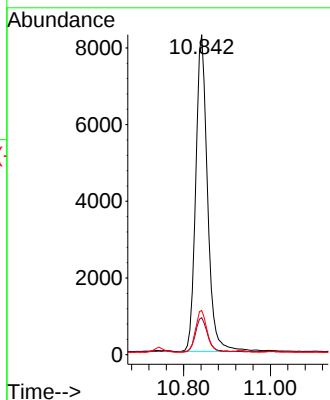
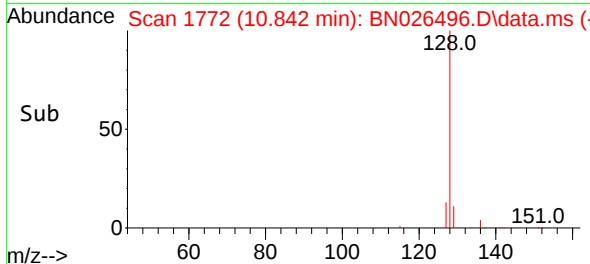
Instrument :
BNA_N
ClientSampleId :
A46J6



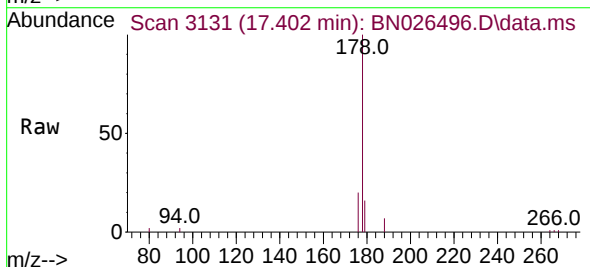
Tgt Ion:128 Resp: 15720
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.8 11.4 17.0

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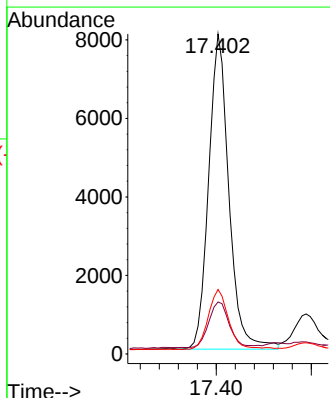
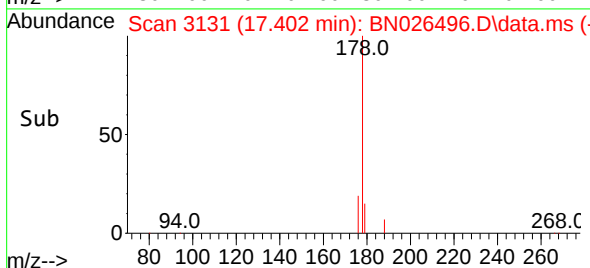
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

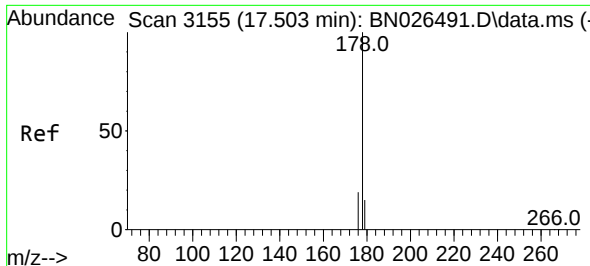


#15
Phenanthrene
Concen: 0.117 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026496.D
Acq: 13 Jul 2023 20:31



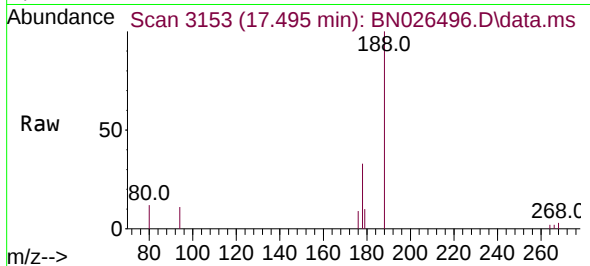
Tgt Ion:178 Resp: 11899
Ion Ratio Lower Upper
178 100
179 16.3 13.7 20.5
176 20.1 16.5 24.7





#16
 Anthracene
 Concen: 0.022 ng/ul
 RT: 17.495 min Scan# 3155
 Delta R.T. -0.008 min
 Lab File: BN026496.D
 Acq: 13 Jul 2023 20:31

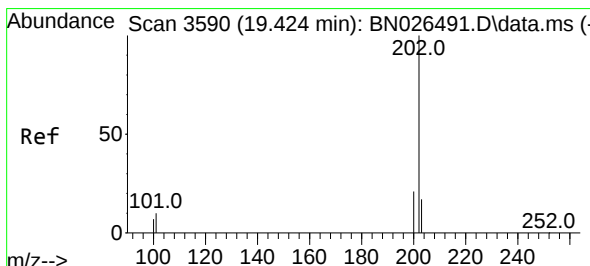
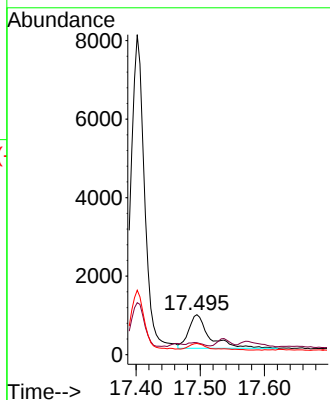
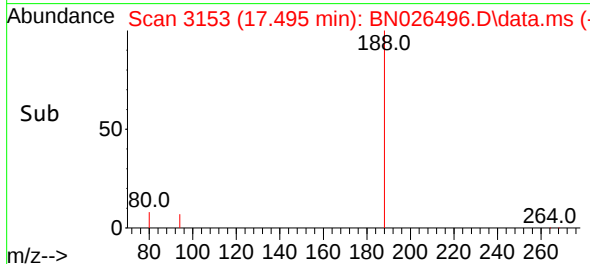
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Tgt Ion:178 Resp: 1937
 Ion Ratio Lower Upper
 178 100
 179 30.1 14.8 22.2
 176 27.8 16.6 25.0

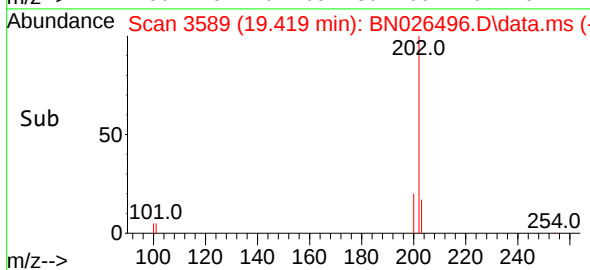
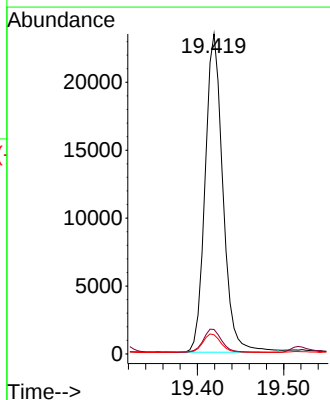
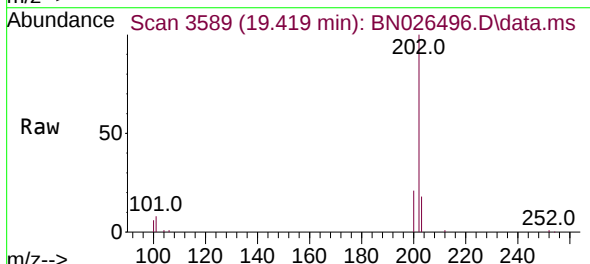
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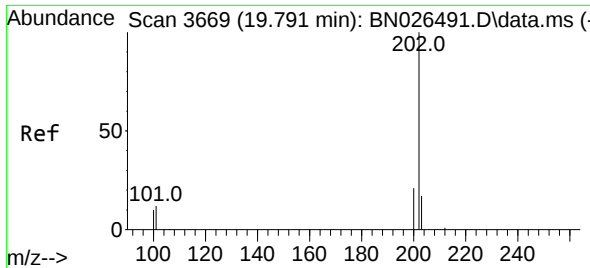
Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023



#19
 Fluoranthene
 Concen: 0.311 ng/ul
 RT: 19.419 min Scan# 3589
 Delta R.T. -0.004 min
 Lab File: BN026496.D
 Acq: 13 Jul 2023 20:31

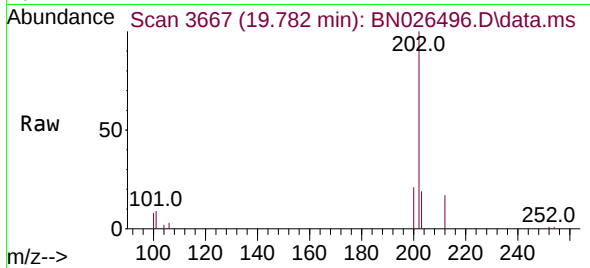
Tgt Ion:202 Resp: 33603
 Ion Ratio Lower Upper
 202 100
 101 7.7 7.0 10.4
 100 6.0 6.0 9.0





#20
Pyrene
Concen: 0.232 ng/ul
RT: 19.782 min Scan# 30
Delta R.T. -0.009 min
Lab File: BN026496.D
Acq: 13 Jul 2023 20:31

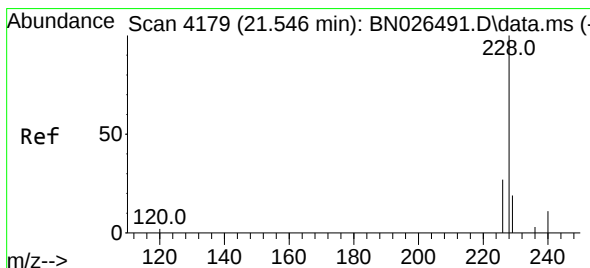
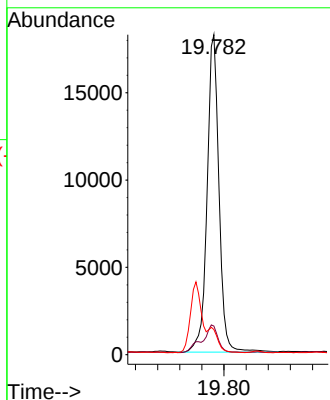
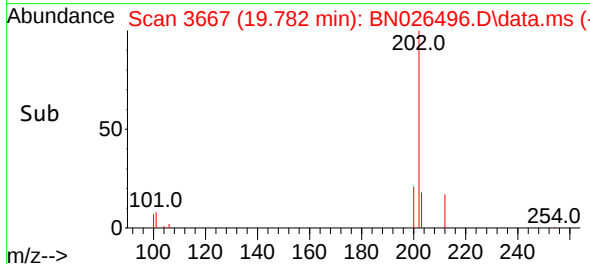
Instrument :
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Tgt Ion:202 Resp: 2719
Ion Ratio Lower Upper
202 100
101 9.0 8.0 12.0
100 7.8 6.2 9.2

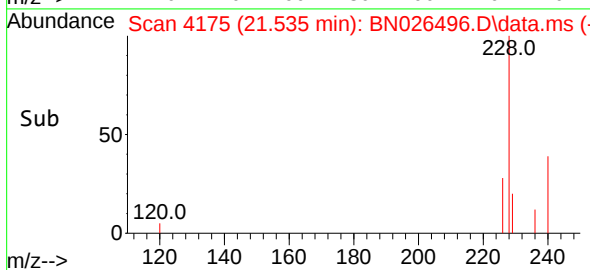
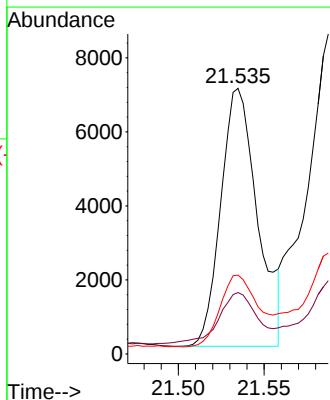
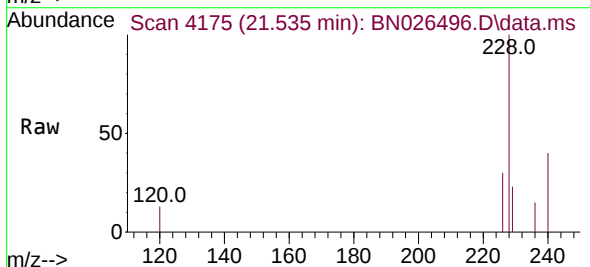
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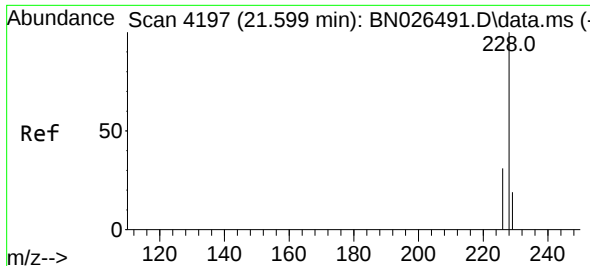
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#21
Benzo(a)anthracene
Concen: 0.123 ng/ul
RT: 21.535 min Scan# 4175
Delta R.T. -0.011 min
Lab File: BN026496.D
Acq: 13 Jul 2023 20:31

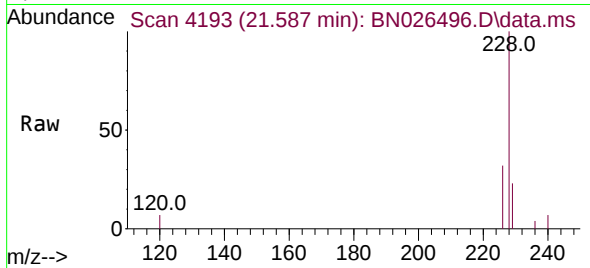
Tgt Ion:228 Resp: 10411
Ion Ratio Lower Upper
228 100
229 23.1 16.7 25.1
226 29.7 23.5 35.3





#22
Chrysene
Concen: 0.146 ng/ul
RT: 21.587 min Scan# 4193
Delta R.T. -0.011 min
Lab File: BN026496.D
Acq: 13 Jul 2023 20:31

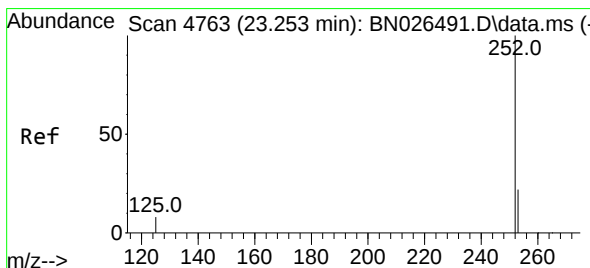
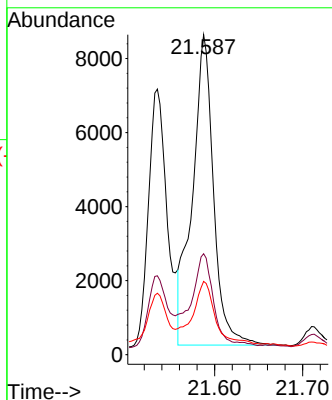
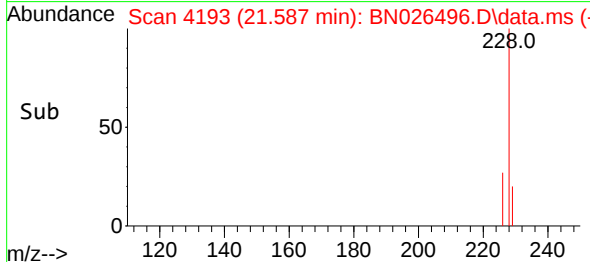
Instrument :
BNA_N
ClientSampleId :
A46J6



Tgt Ion:228 Resp: 14083
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 22.9 16.4 24.6

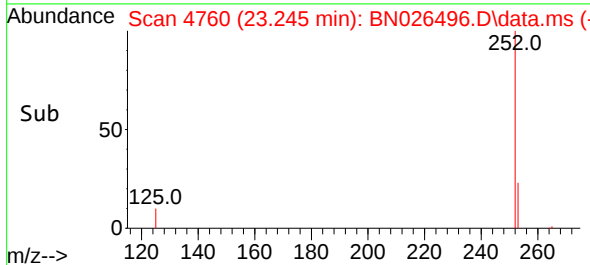
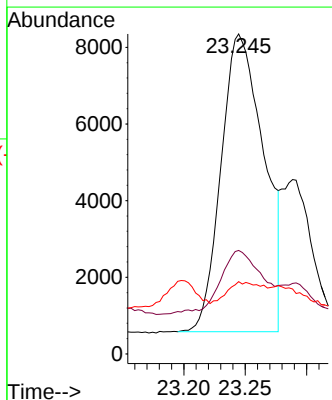
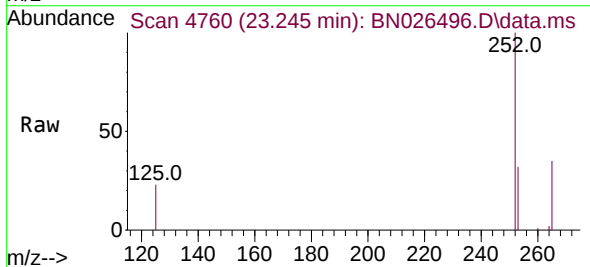
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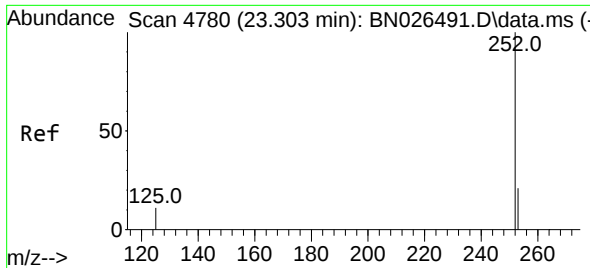
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#24
Benzo(b)fluoranthene
Concen: 0.197 ng/ul m
RT: 23.245 min Scan# 4760
Delta R.T. -0.009 min
Lab File: BN026496.D
Acq: 13 Jul 2023 20:31

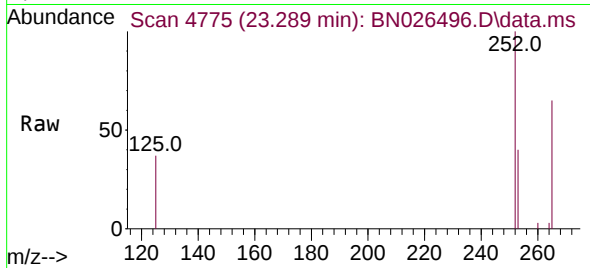
Tgt Ion:252 Resp: 18784
Ion Ratio Lower Upper
252 100
253 32.4 0.0 68.6
125 22.6 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.071 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.014 min
Lab File: BN026496.D
Acq: 13 Jul 2023 20:31

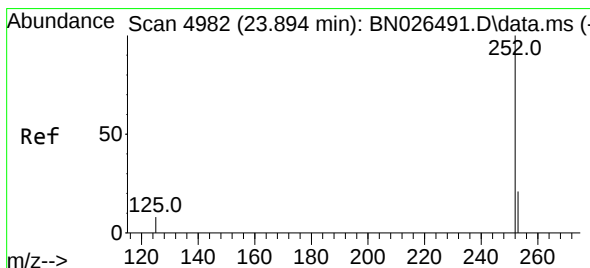
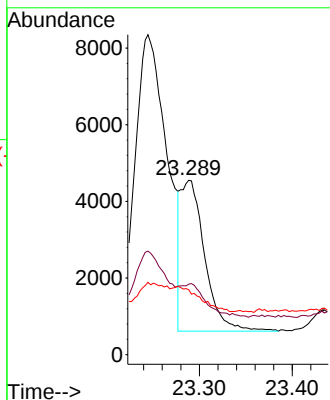
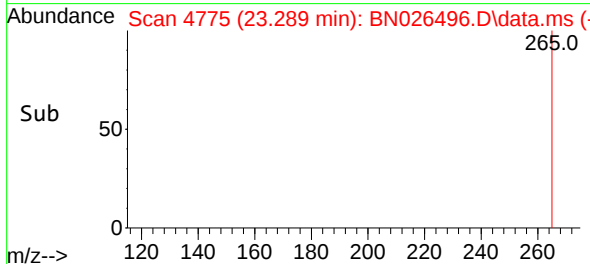
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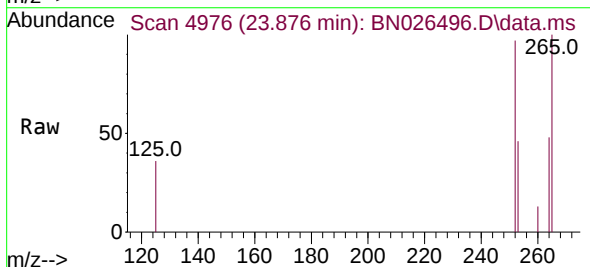
Tgt Ion:252 Resp: 7060
Ion Ratio Lower Upper
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253 40.5 27.2 40.8
125 37.3 13.4 20.2

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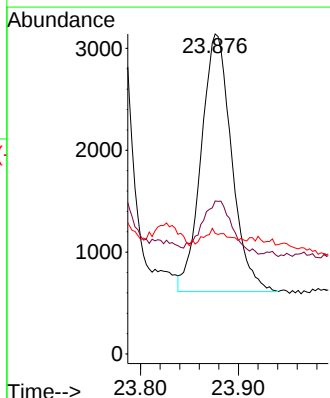
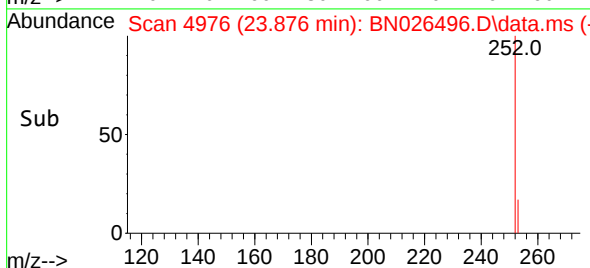
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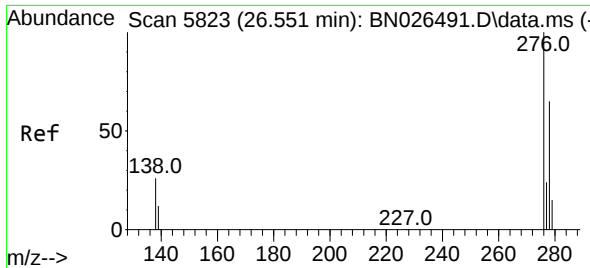


#26
Benzo(a)pyrene
Concen: 0.064 ng/ul
RT: 23.876 min Scan# 4976
Delta R.T. -0.017 min
Lab File: BN026496.D
Acq: 13 Jul 2023 20:31



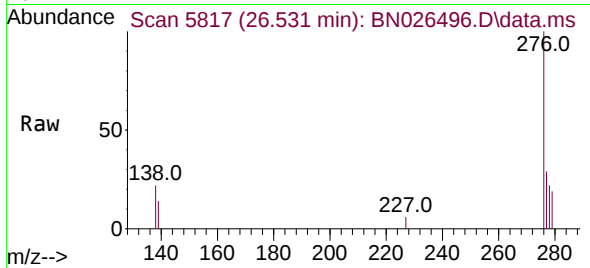
Tgt Ion:252 Resp: 5456
Ion Ratio Lower Upper
252 100
253 47.8 32.6 49.0
125 37.7 19.3 28.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng/ul
RT: 26.531 min Scan# 5817
Delta R.T. -0.020 min
Lab File: BN026496.D
Acq: 13 Jul 2023 20:31

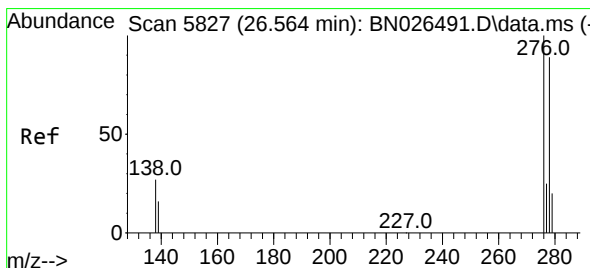
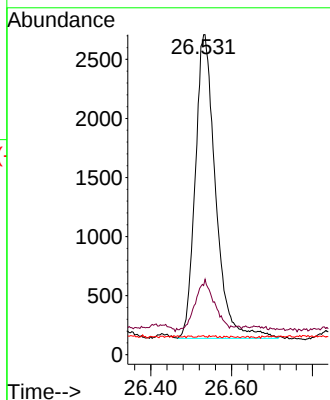
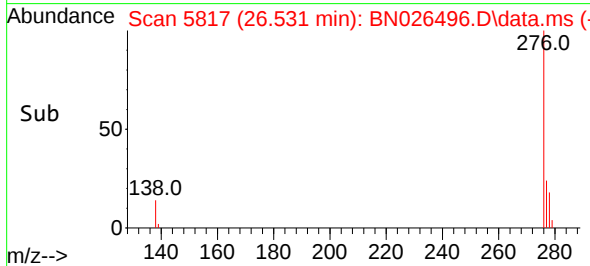
Instrument :
BNA_N
ClientSampleId :
A46J6



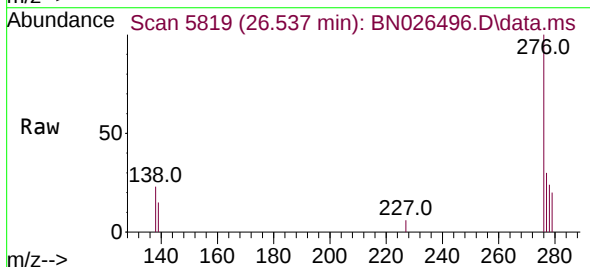
Tgt Ion:276 Resp: 896
Ion Ratio Lower Upper
276 100
138 16.5 22.2 33.4#
227 0.2 0.1 0.1#

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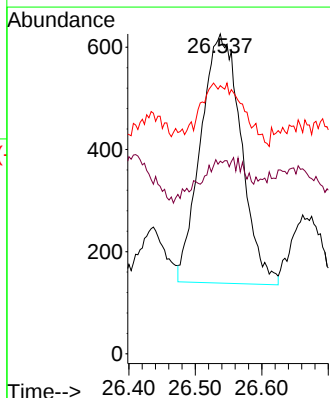
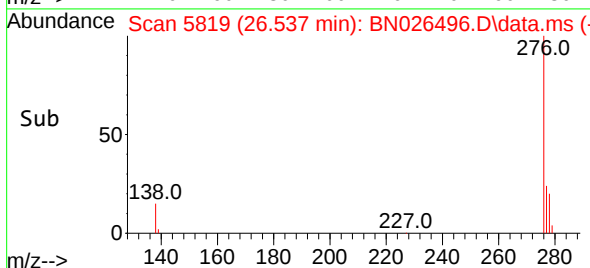
Reviewed By :Yogesh Patel 07/14/2023
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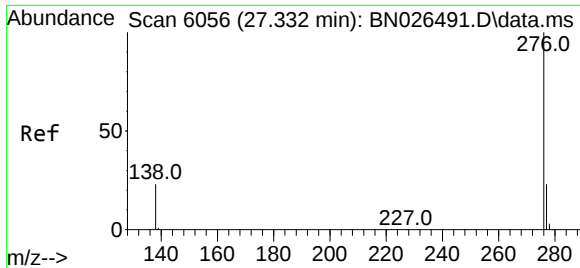


#28
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 26.537 min Scan# 5819
Delta R.T. -0.027 min
Lab File: BN026496.D
Acq: 13 Jul 2023 20:31



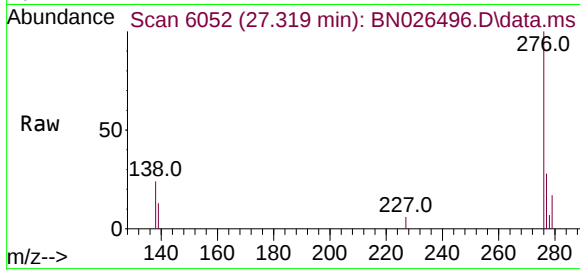
Tgt Ion:278 Resp: 2065
Ion Ratio Lower Upper
278 100
139 60.2 18.9 28.3#
279 83.9 31.3 46.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.089 ng/ul
 RT: 27.319 min Scan# 6052
 Delta R.T. -0.013 min
 Lab File: BN026496.D
 Acq: 13 Jul 2023 20:31

Instrument :
 BNA_N
 ClientSampleId :
 A46J6



Tgt Ion:	276	Resp:	873
Ion Ratio	Lower	Upper	
276	100		
138	23.9	22.6	34.0
277	28.4	21.8	32.8

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