

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
 Data File : BN026498.D
 Acq On : 13 Jul 2023 21:45
 Operator : MA/JU
 Sample : 03418-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46J3

Manual Integrations
 APPROVED

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

Quant Time: Jul 14 04:51:06 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	9563	0.400	ng/ul	0.00
4) Naphthalene-d8	10.791	136	28783	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	16370	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	35181	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.548	240	24467	0.400	ng/ul	#-0.02
23) Perylene-d12	23.986	264	26732	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	22834	1.813	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.380	152	6683	0.171	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	14273	0.168	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.840	128	1935	0.024	ng/ul#	91
10) Acenaphthylene	14.338	152	4060	0.051	ng/ul#	93
12) Fluorene	15.662	166	1655	0.026	ng/ul#	88
15) Phenanthrene	17.401	178	31851	0.284	ng/ul	98
16) Anthracene	17.490	178	8409	0.086	ng/ul#	87
19) Fluoranthene	19.418	202	72564	0.633	ng/ul	96
20) Pyrene	19.781	202	72458	0.582	ng/ul	98
21) Benzo(a)anthracene	21.531	228	36077	0.401	ng/ul	98
22) Chrysene	21.586	228	36680	0.358	ng/ul	97
24) Benzo(b)fluoranthene	23.241	252	47025m	0.452	ng/ul	
25) Benzo(k)fluoranthene	23.285	252	18018m	0.165	ng/ul	
26) Benzo(a)pyrene	23.875	252	34362	0.371	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.526	276	21916	0.180	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.533	278	4940	0.053	ng/ul#	80
29) Benzo(g,h,i)perylene	27.321	276	21350	0.199	ng/ul#	89

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

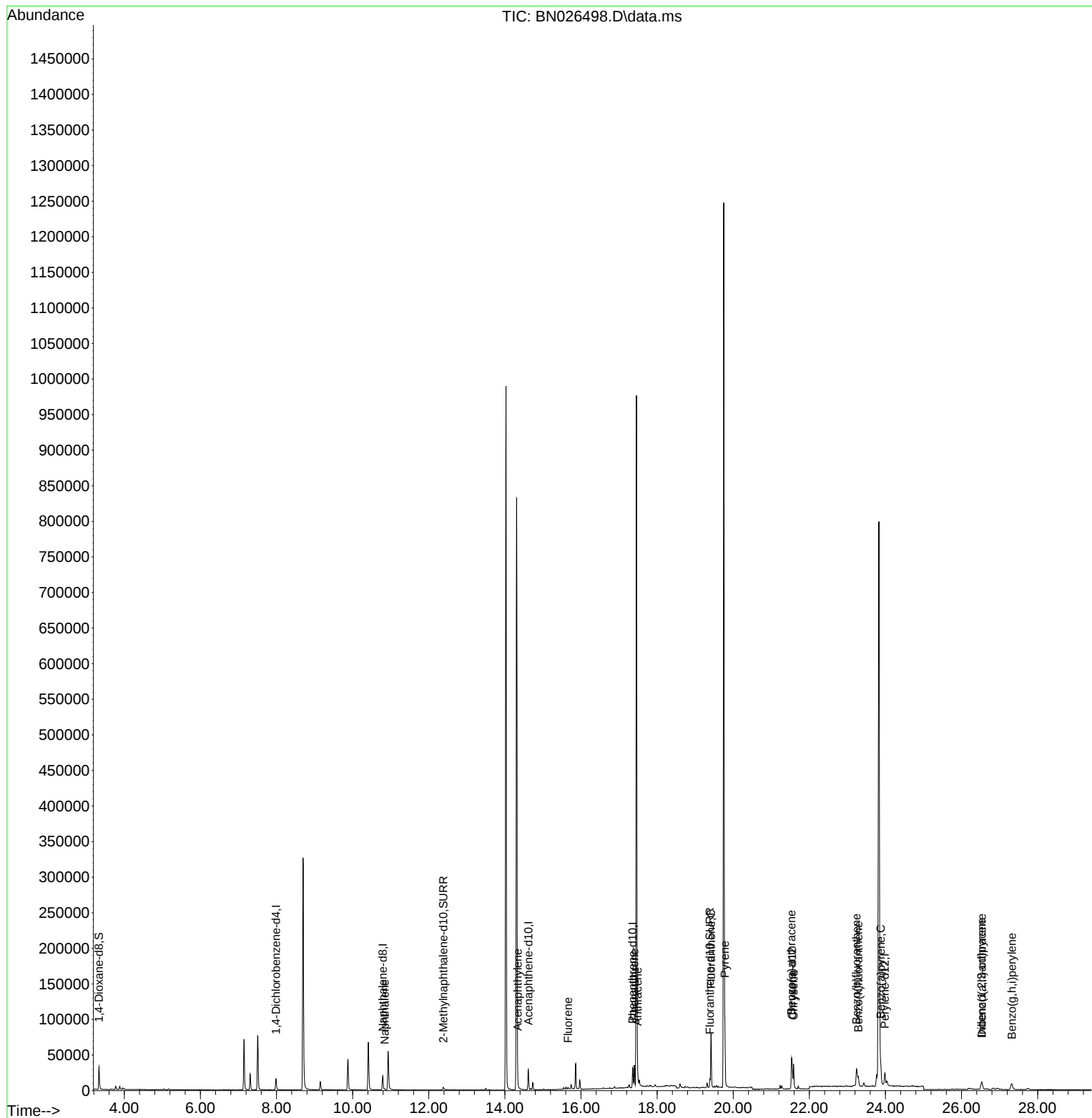
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026498.D
Acq On : 13 Jul 2023 21:45
Operator : MA/JU
Sample : 03418-14
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ALS Vial : 14 Sample Multiplier: 1

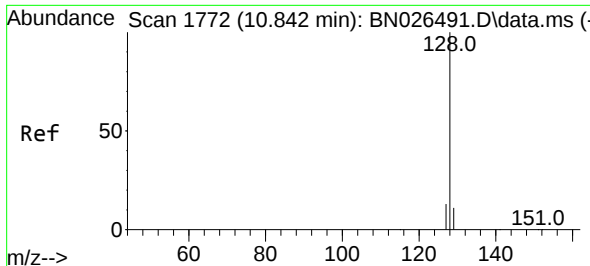
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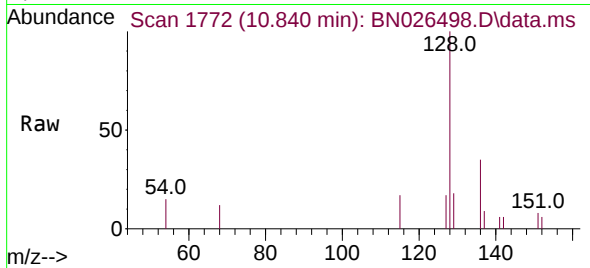
Quant Time: Jul 14 04:51:06 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 04:32:14 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.001 min
Lab File: BN026498.D
Acq: 13 Jul 2023 21:45

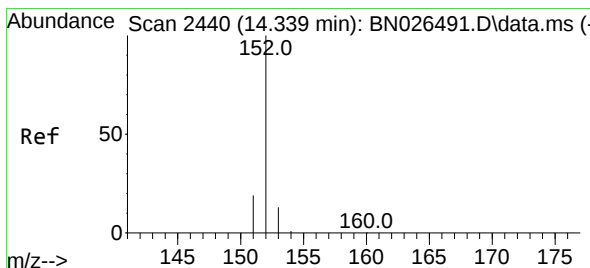
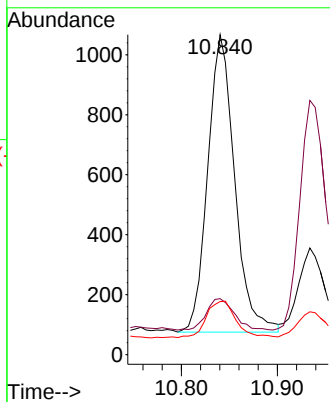
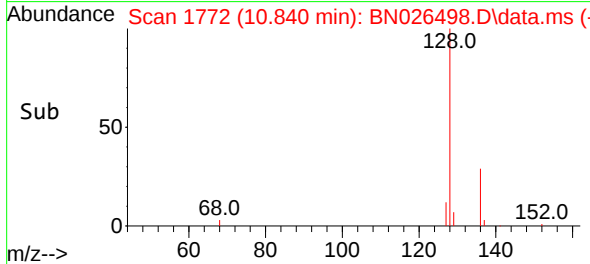
Instrument :
BNA_N
ClientSampleId :
A46J3



Tgt Ion:128 Resp: 1935
Ion Ratio Lower Upper
128 100
129 17.5 10.2 15.2
127 16.6 11.4 17.0

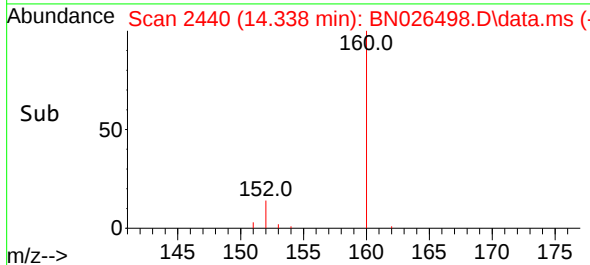
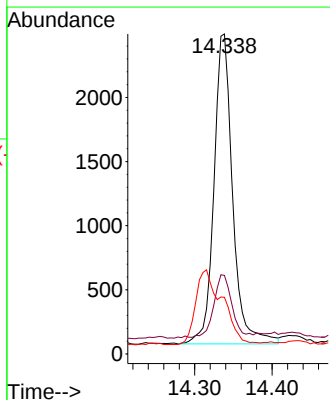
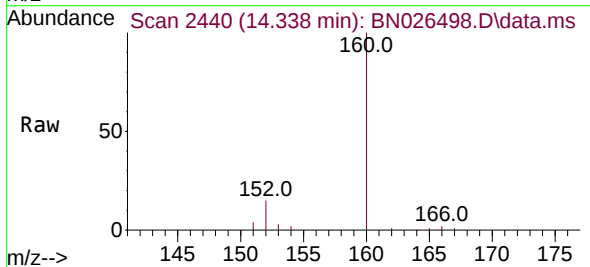
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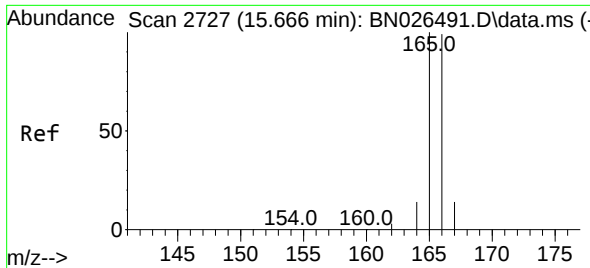
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BN026498.D
Acq: 13 Jul 2023 21:45

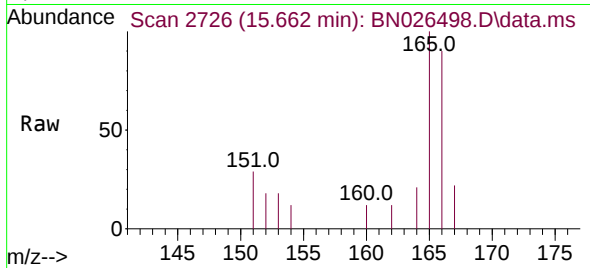
Tgt Ion:152 Resp: 4060
Ion Ratio Lower Upper
152 100
151 24.5 17.0 25.6
153 17.7 11.4 17.2





#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.662 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026498.D
Acq: 13 Jul 2023 21:45

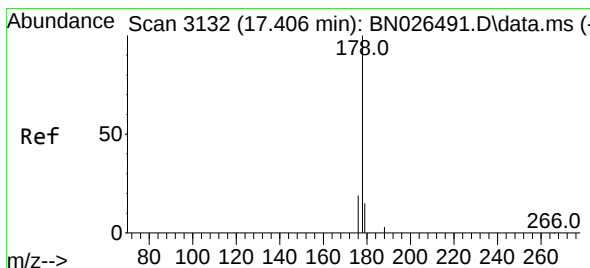
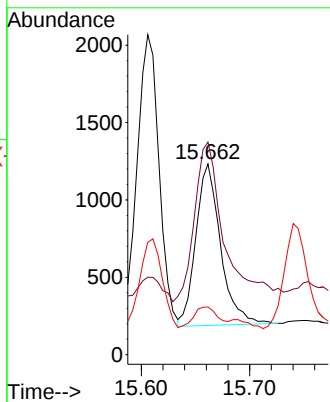
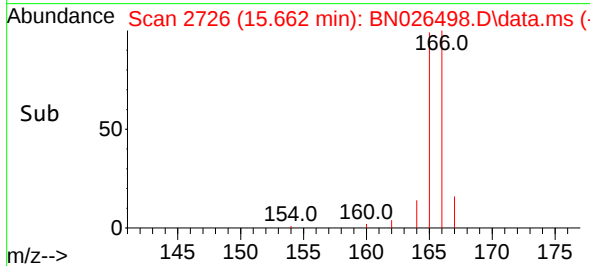
Instrument :
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Tgt Ion:166 Resp: 165
Ion Ratio Lower Upper
166 100
165 111.4 80.6 120.8
167 25.0 12.0 18.0

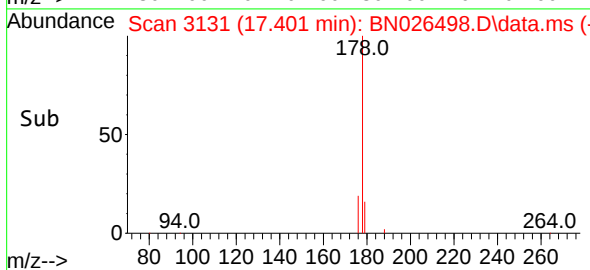
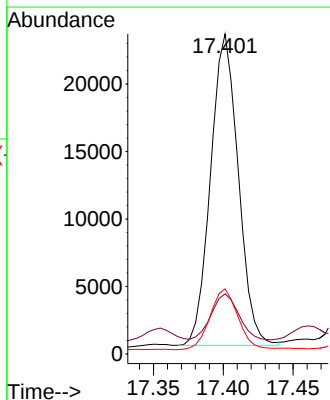
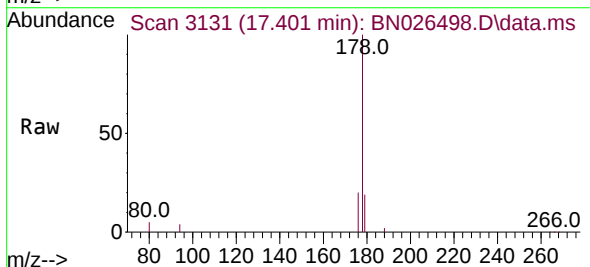
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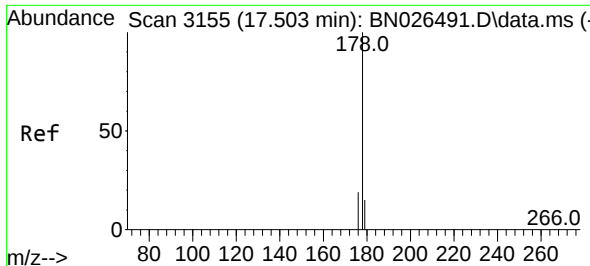
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#15
Phenanthrene
Concen: 0.284 ng/u1
RT: 17.401 min Scan# 3131
Delta R.T. -0.005 min
Lab File: BN026498.D
Acq: 13 Jul 2023 21:45

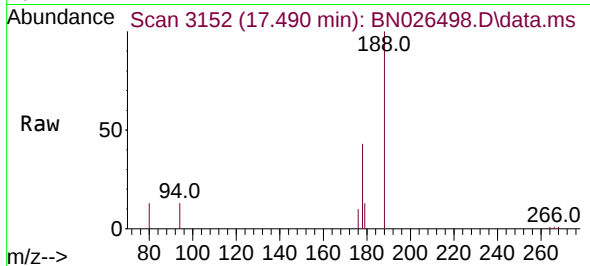
Tgt Ion:178 Resp: 31851
Ion Ratio Lower Upper
178 100
179 18.8 13.7 20.5
176 20.4 16.5 24.7





#16
 Anthracene
 Concen: 0.086 ng/ul
 RT: 17.490 min Scan# 3155
 Delta R.T. -0.013 min
 Lab File: BN026498.D
 Acq: 13 Jul 2023 21:45

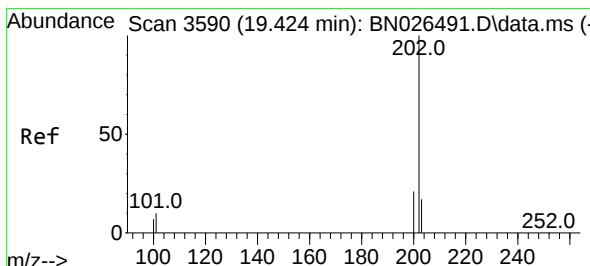
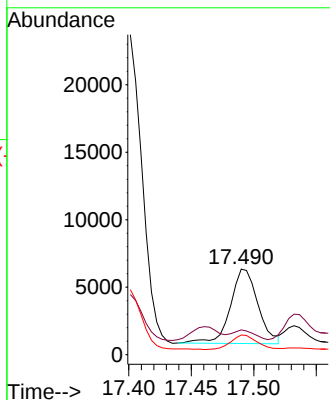
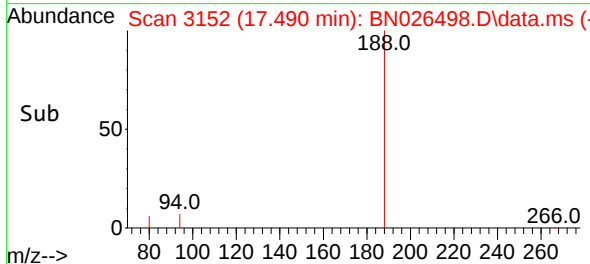
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:178 Resp: 8409
 Ion Ratio Lower Upper
 178 100
 179 28.9 14.8 22.2
 176 23.0 16.6 25.0

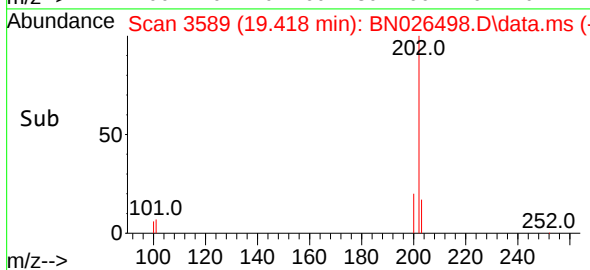
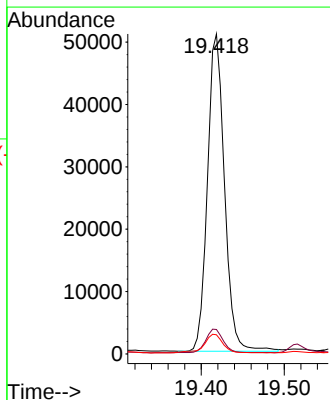
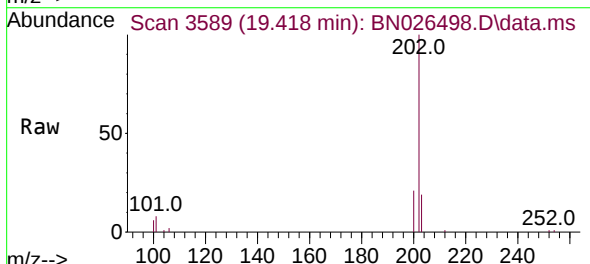
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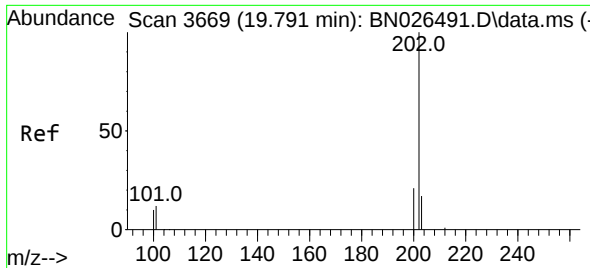
Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023



#19
 Fluoranthene
 Concen: 0.633 ng/ul
 RT: 19.418 min Scan# 3589
 Delta R.T. -0.005 min
 Lab File: BN026498.D
 Acq: 13 Jul 2023 21:45

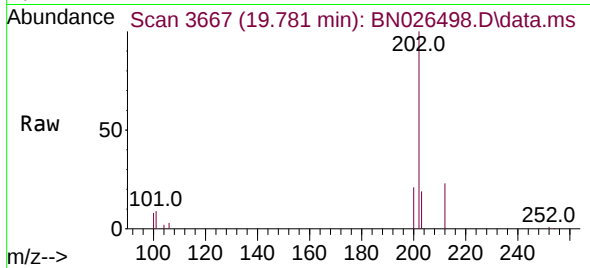
Tgt Ion:202 Resp: 72564
 Ion Ratio Lower Upper
 202 100
 101 7.7 7.0 10.4
 100 6.0 6.0 9.0





#20
Pyrene
Concen: 0.582 ng/ul
RT: 19.781 min Scan# 30
Delta R.T. -0.010 min
Lab File: BN026498.D
Acq: 13 Jul 2023 21:45

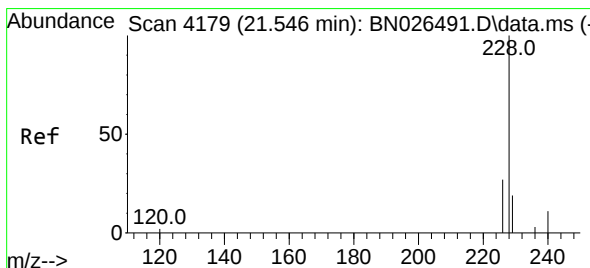
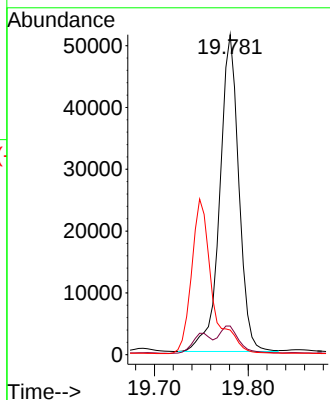
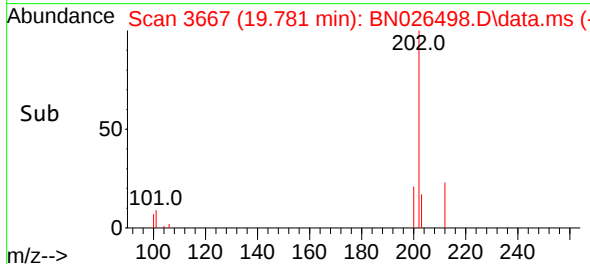
Instrument :
BNA_N
ClientSampleId :
A46J3



Tgt Ion:202 Resp: 72458
Ion Ratio Lower Upper
202 100
101 9.0 8.0 12.0
100 7.7 6.2 9.2

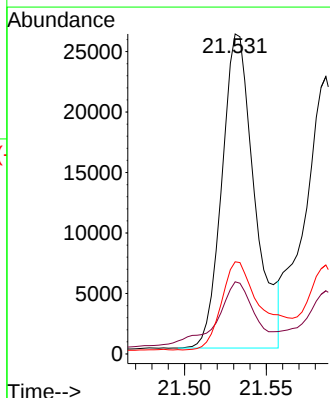
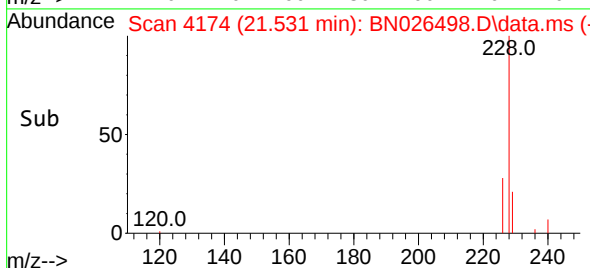
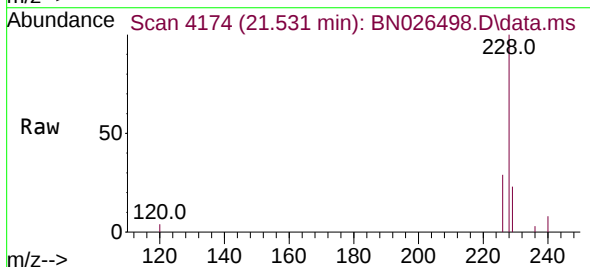
Manual Integrations
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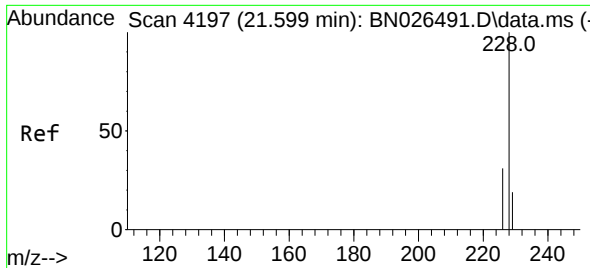
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#21
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.531 min Scan# 4174
Delta R.T. -0.015 min
Lab File: BN026498.D
Acq: 13 Jul 2023 21:45

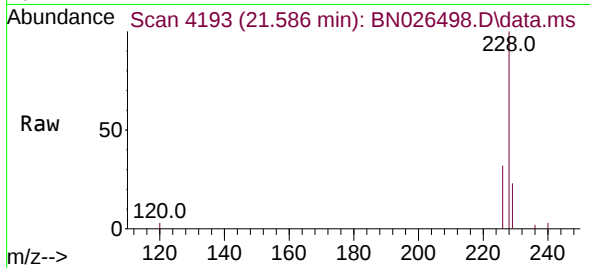
Tgt Ion:228 Resp: 36077
Ion Ratio Lower Upper
228 100
229 22.5 16.7 25.1
226 28.8 23.5 35.3





#22
Chrysene
Concen: 0.358 ng/ul
RT: 21.586 min Scan# 4193
Delta R.T. -0.012 min
Lab File: BN026498.D
Acq: 13 Jul 2023 21:45

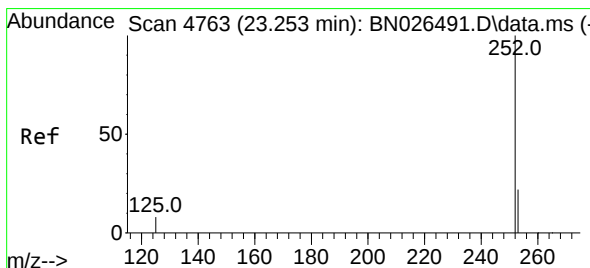
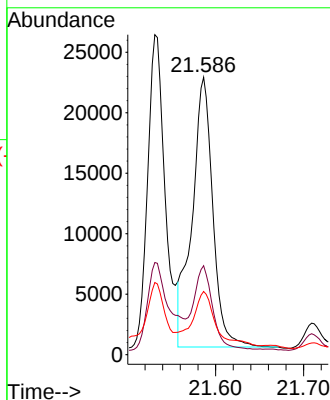
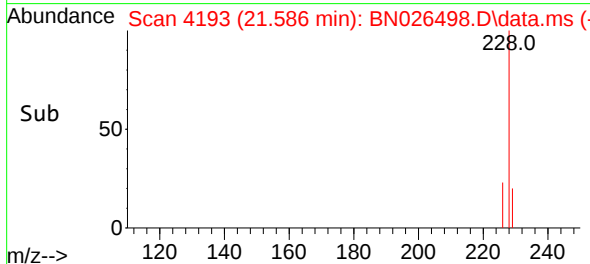
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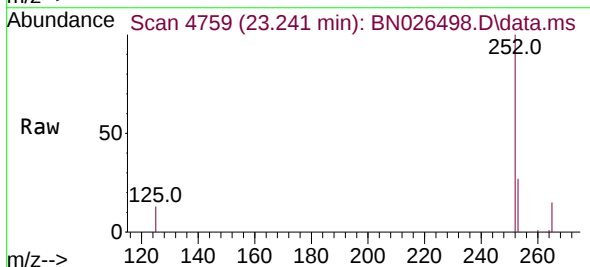
Tgt Ion:228 Resp: 36680
Ion Ratio Lower Upper
228 100
226 32.0 25.2 37.8
229 22.8 16.4 24.6

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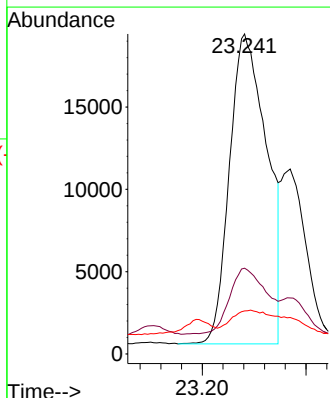
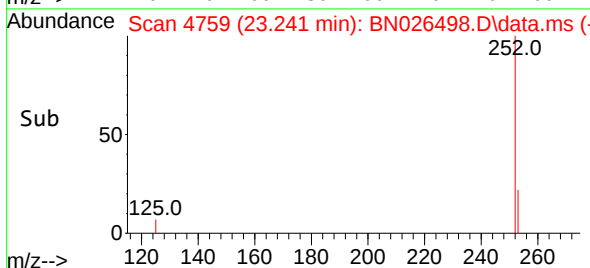
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

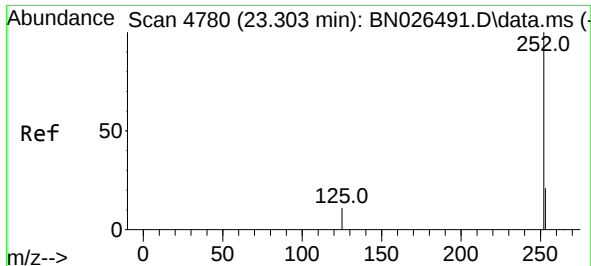


#24
Benzo(b)fluoranthene
Concen: 0.452 ng/ul m
RT: 23.241 min Scan# 4759
Delta R.T. -0.012 min
Lab File: BN026498.D
Acq: 13 Jul 2023 21:45



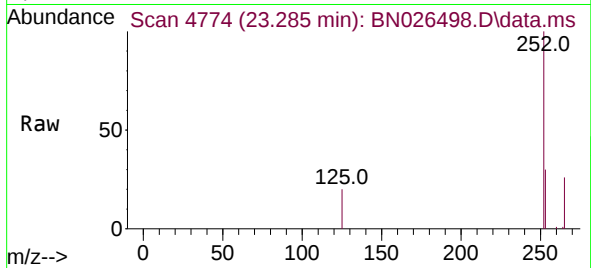
Tgt Ion:252 Resp: 47025
Ion Ratio Lower Upper
252 100
253 26.8 0.0 68.6
125 13.5 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.165 ng/ul m
RT: 23.285 min Scan# 4774
Delta R.T. -0.018 min
Lab File: BN026498.D
Acq: 13 Jul 2023 21:45

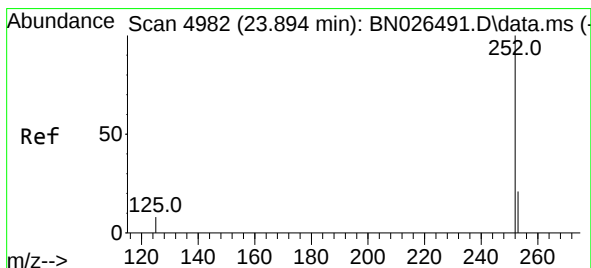
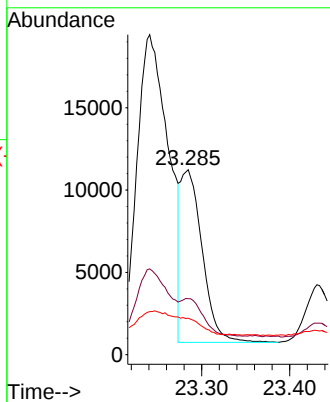
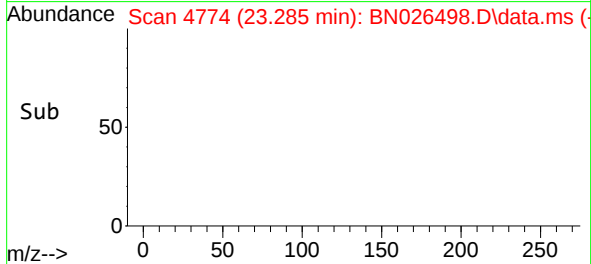
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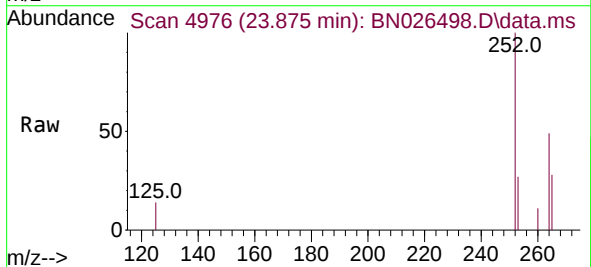
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Ion Ratio Lower Upper
252 100
253 30.3 27.2 40.8
125 19.7 13.4 20.2

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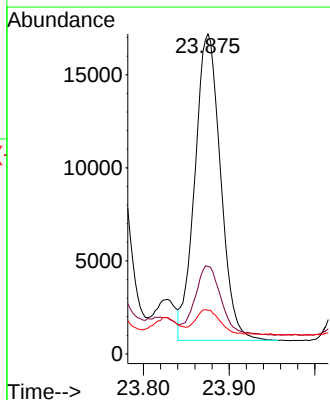
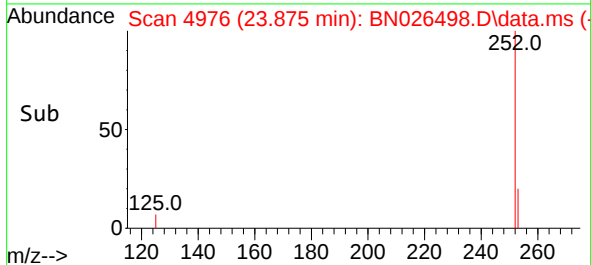
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

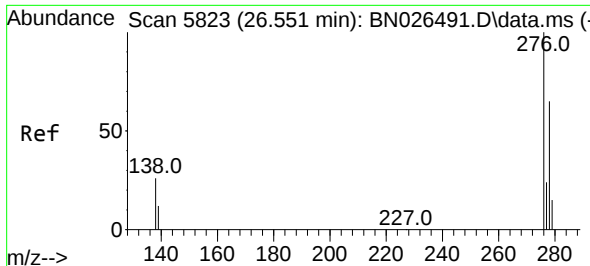


#26
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 23.875 min Scan# 4976
Delta R.T. -0.018 min
Lab File: BN026498.D
Acq: 13 Jul 2023 21:45



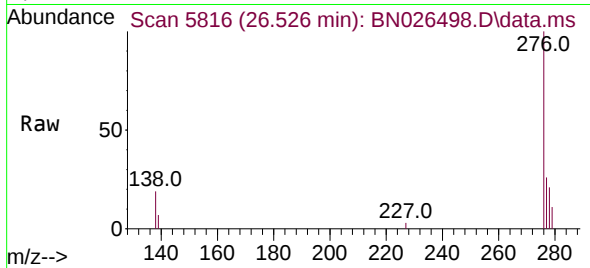
Tgt Ion:252 Resp: 34362
Ion Ratio Lower Upper
252 100
253 27.3 32.6 49.0#
125 13.6 19.3 28.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.180 ng/ul
RT: 26.526 min Scan# 5816
Delta R.T. -0.024 min
Lab File: BN026498.D
Acq: 13 Jul 2023 21:45

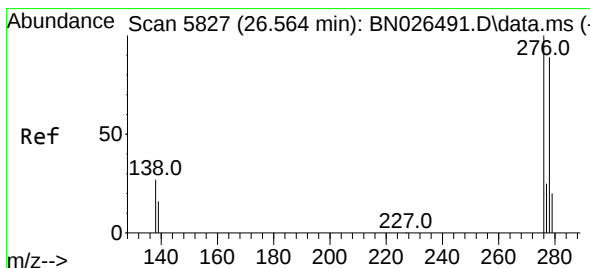
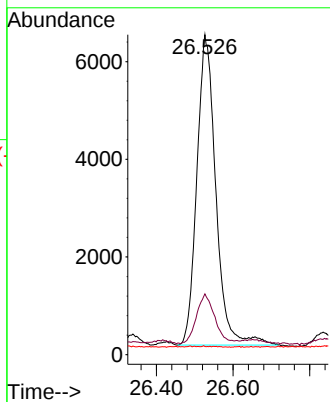
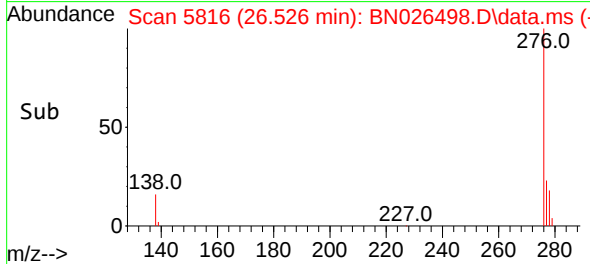
Instrument :
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A46J3



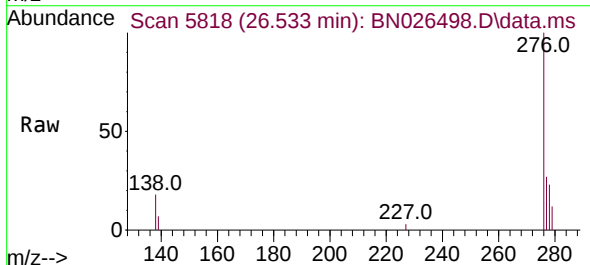
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Ion Ratio Lower Upper
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227 0.0 0.1 0.1#

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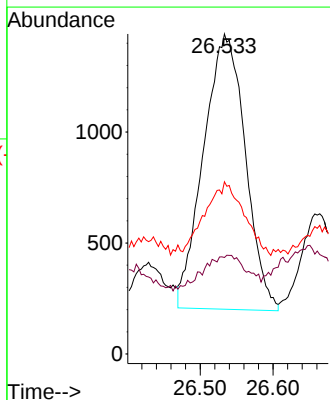
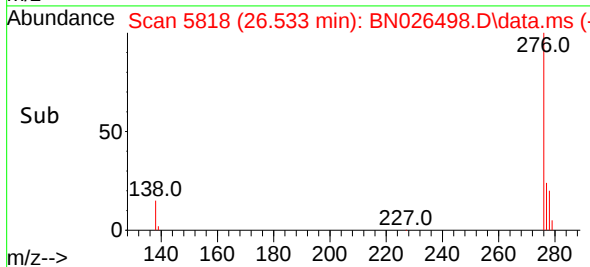
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

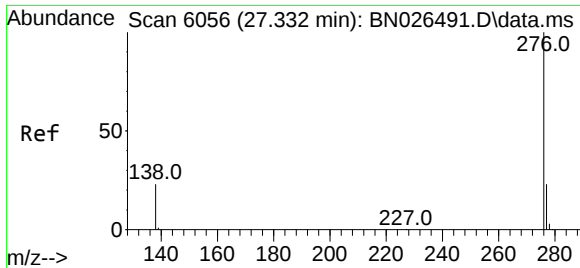


#28
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 26.533 min Scan# 5818
Delta R.T. -0.031 min
Lab File: BN026498.D
Acq: 13 Jul 2023 21:45



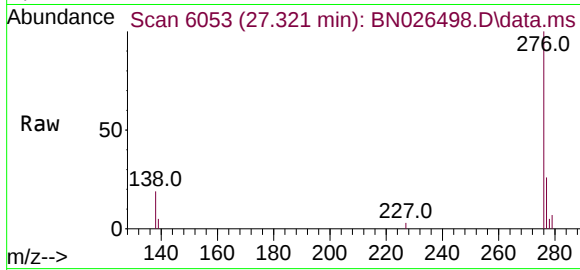
Tgt Ion:278 Resp: 4940
Ion Ratio Lower Upper
278 100
139 30.2 18.9 28.3#
279 53.8 31.3 46.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.199 ng/ul
 RT: 27.321 min Scan# 6053
 Delta R.T. -0.011 min
 Lab File: BN026498.D
 Acq: 13 Jul 2023 21:45

Instrument :
 BNA_N
 ClientSampleId :
 A46J3



Tgt Ion: 276 Resp: 21350

Ion	Ratio	Lower	Upper
276	100		
138	18.8	22.6	34.0
277	25.6	21.8	32.8

Manual Integrations
 APPROVED

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