

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
 Data File : BN026522.D
 Acq On : 15 Jul 2023 21:24
 Operator : MA/JU
 Sample : 03414-19DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4634DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 16 01:12:03 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 : Sat Jul 15 01:53:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	2640	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	8040	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	5361	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	13670	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	10259	0.400	ng/ul	# 0.00
23) Perylene-d12	23.929	264	10216	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	5586	1.607	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	831	0.076	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	3186	0.090	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.302	152	690	0.026	ng/ul#	60
11) Acenaphthene	14.644	153	462m	0.023	ng/ul	
12) Fluorene	15.629	166	655	0.031	ng/ul#	87
15) Phenanthrene	17.368	178	8626	0.198	ng/ul	98
16) Anthracene	17.456	178	1647	0.044	ng/ul#	83
19) Fluoranthene	19.386	202	17398	0.362	ng/ul	96
20) Pyrene	19.744	202	18900	0.362	ng/ul	98
21) Benzo(a)anthracene	21.500	228	8847	0.235	ng/ul#	93
22) Chrysene	21.549	228	8422	0.196	ng/ul#	94
24) Benzo(b)fluoranthene	23.192	252	10426m	0.262	ng/ul	
25) Benzo(k)fluoranthene	23.236	252	3517m	0.084	ng/ul	
26) Benzo(a)pyrene	23.815	252	7097	0.200	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.440	276	4569	0.098	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.443	278	1135	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	27.221	276	4932	0.120	ng/ul	92

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

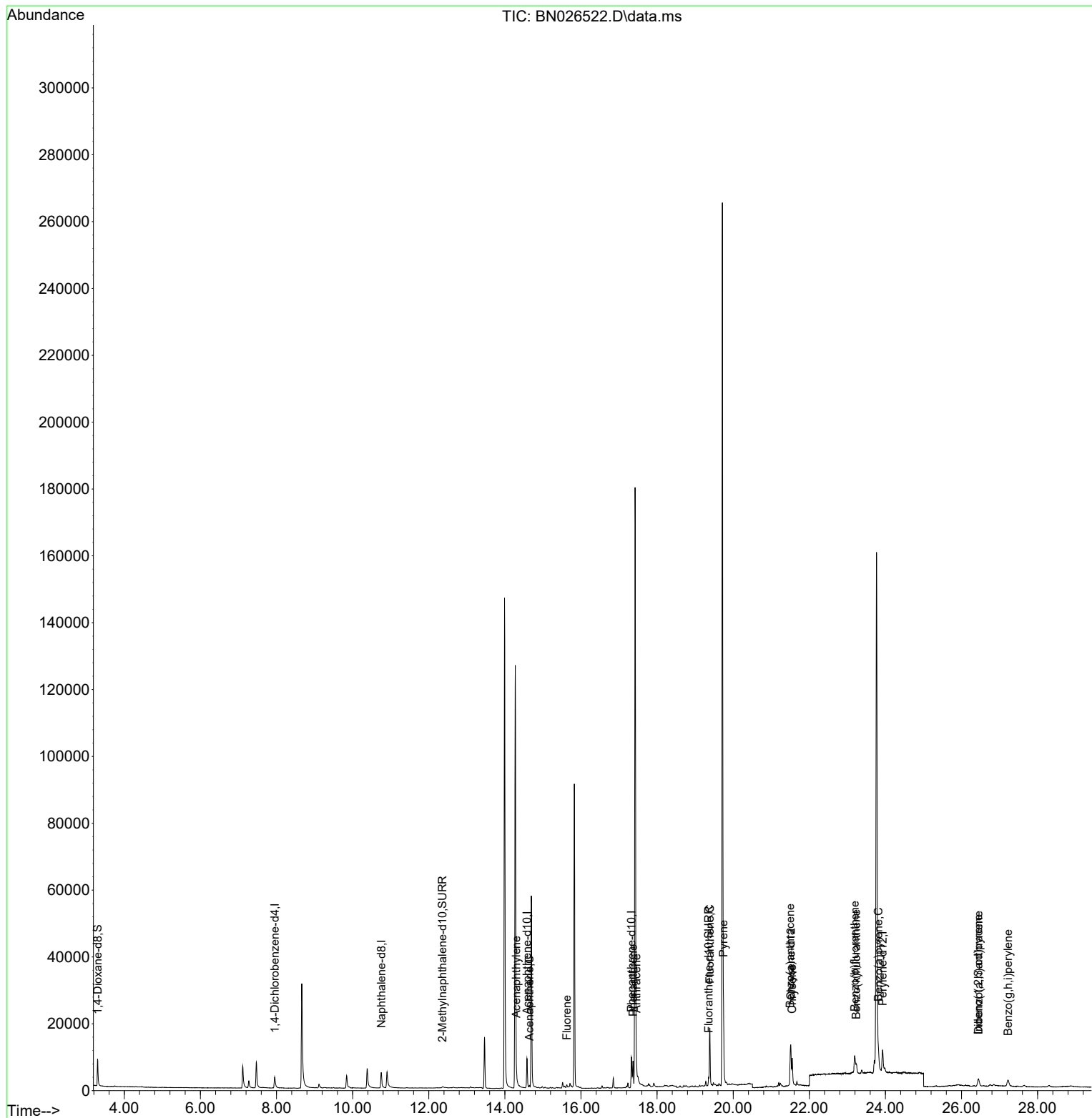
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
Data File : BN026522.D
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ALS Vial : 9 Sample Multiplier: 1

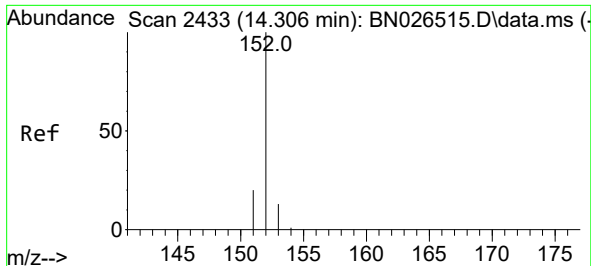
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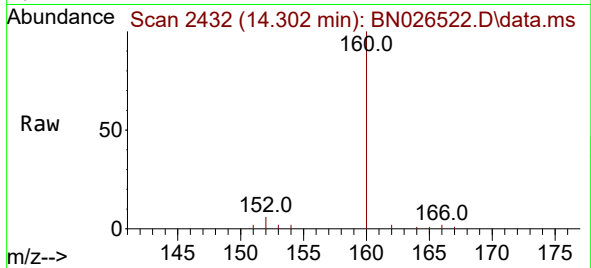
Quant Time: Jul 16 01:12:03 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.026 ng/ul
RT: 14.302 min Scan# 2433
Delta R.T. -0.009 min
Lab File: BN026522.D
Acq: 15 Jul 2023 21:24

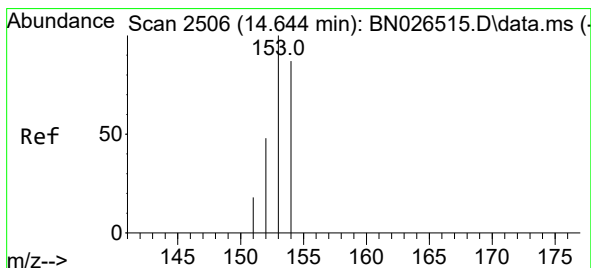
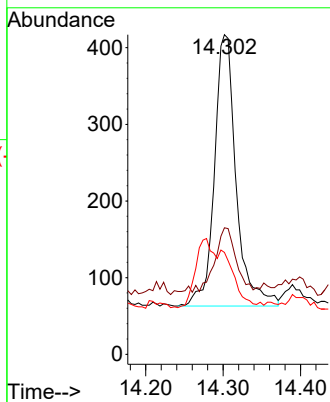
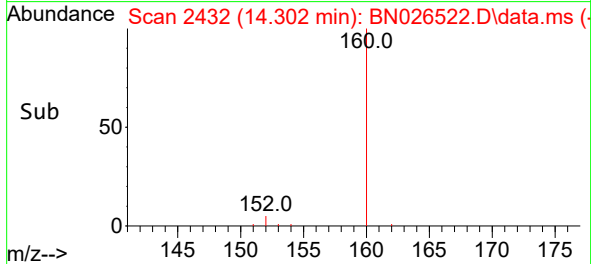
Instrument :
BNA_N
ClientSampleId :
A4634DL



Tgt Ion:152 Resp: 690
Ion Ratio Lower Upper
152 100
151 39.6 17.0 25.6
153 31.9 11.4 17.2

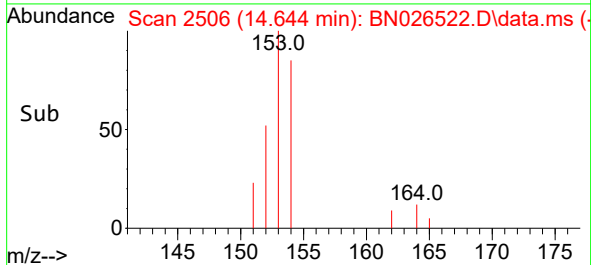
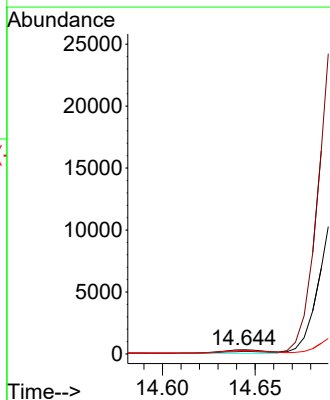
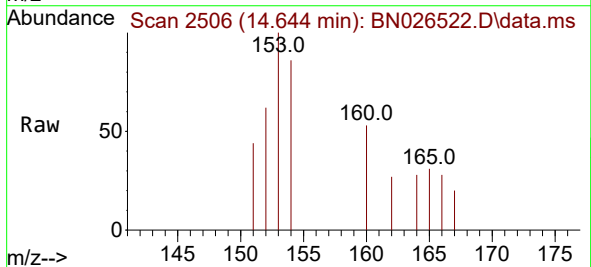
Manual Integrations
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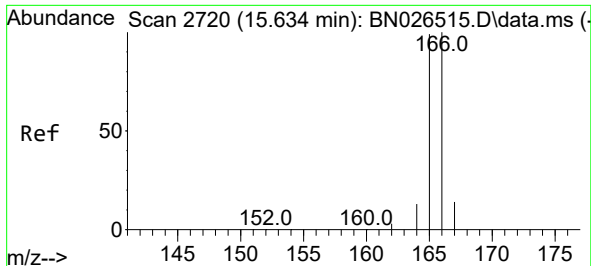
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#11
Acenaphthene
Concen: 0.023 ng/ul m
RT: 14.644 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN026522.D
Acq: 15 Jul 2023 21:24

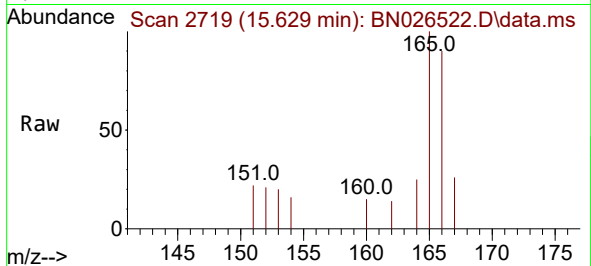
Tgt Ion:153 Resp: 462
Ion Ratio Lower Upper
153 100
152 62.1 40.2 60.4
154 86.4 69.3 103.9





#12
Fluorene
Concen: 0.031 ng/u1
RT: 15.629 min Scan# 2719
Delta R.T. -0.009 min
Lab File: BN026522.D
Acq: 15 Jul 2023 21:24

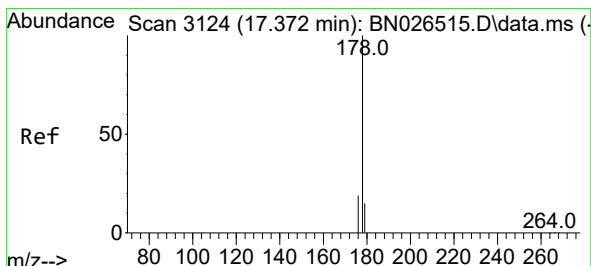
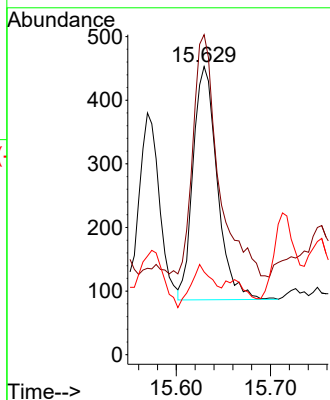
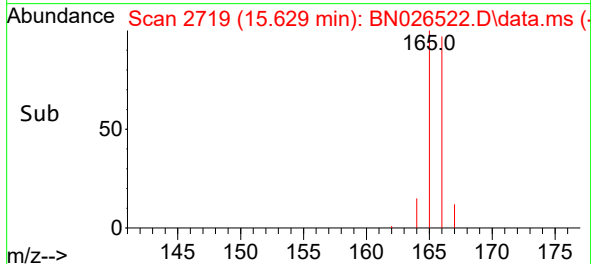
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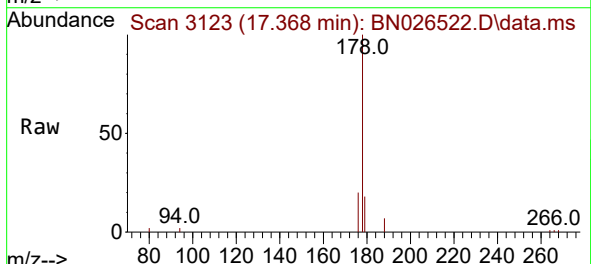
Tgt Ion:166 Resp: 65
Ion Ratio Lower Upper
166 100
165 111.0 80.6 120.8
167 28.7 12.0 18.0

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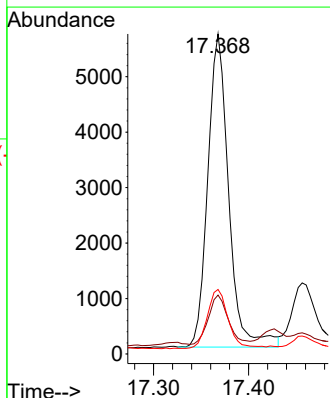
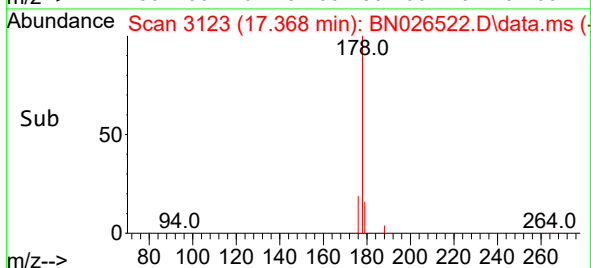
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

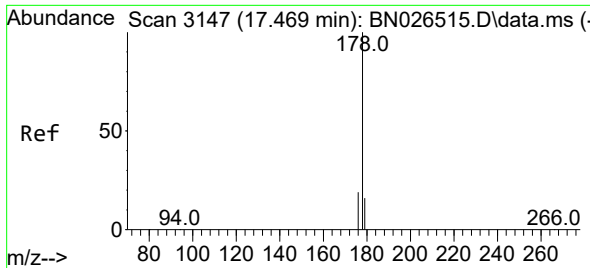


#15
Phenanthrene
Concen: 0.198 ng/u1
RT: 17.368 min Scan# 3123
Delta R.T. -0.013 min
Lab File: BN026522.D
Acq: 15 Jul 2023 21:24



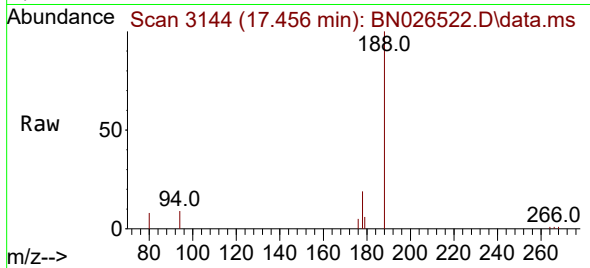
Tgt Ion:178 Resp: 8626
Ion Ratio Lower Upper
178 100
179 18.4 13.7 20.5
176 20.2 16.5 24.7





#16
 Anthracene
 Concen: 0.044 ng/ul
 RT: 17.456 min Scan# 3147
 Delta R.T. -0.017 min
 Lab File: BN026522.D
 Acq: 15 Jul 2023 21:24

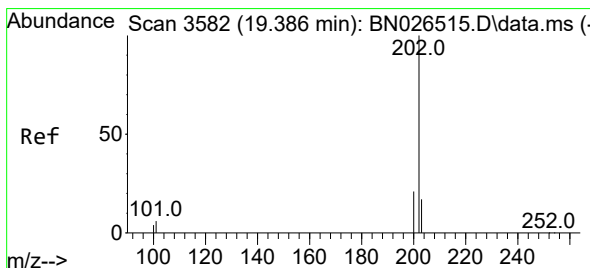
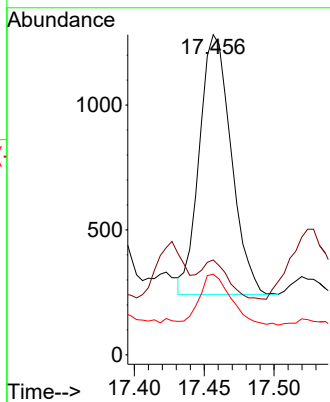
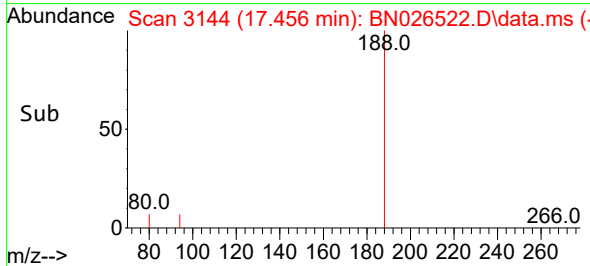
Instrument :
 BNA_N
 ClientSampleId :
 A4634DL



Tgt Ion:178 Resp: 164
 Ion Ratio Lower Upper
 178 100
 179 29.6 14.8 22.2
 176 25.2 16.6 25.0

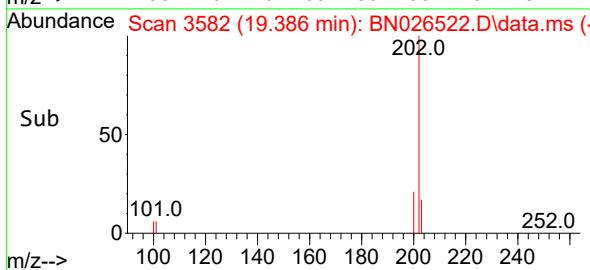
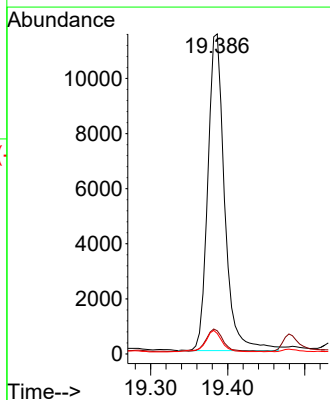
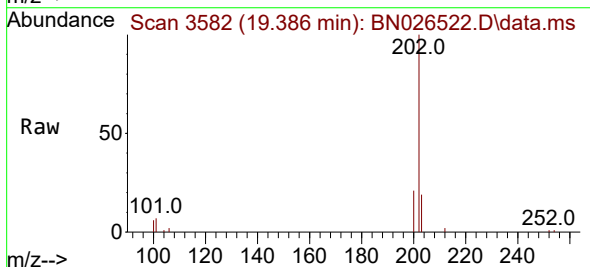
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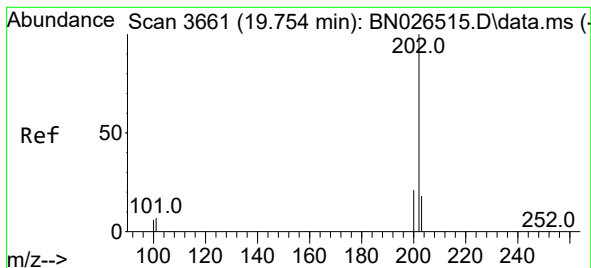
Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023



#19
 Fluoranthene
 Concen: 0.362 ng/ul
 RT: 19.386 min Scan# 3582
 Delta R.T. -0.005 min
 Lab File: BN026522.D
 Acq: 15 Jul 2023 21:24

Tgt Ion:202 Resp: 17398
 Ion Ratio Lower Upper
 202 100
 101 7.2 7.0 10.4
 100 6.4 6.0 9.0





#20

Pyrene

Concen: 0.362 ng/ul

RT: 19.744 min Scan# 3659

Delta R.T. -0.014 min

Lab File: BN026522.D

Acq: 15 Jul 2023 21:24

Instrument :

BNA_N

ClientSampleId :

A4634DL

Tgt Ion:202 Resp: 18900

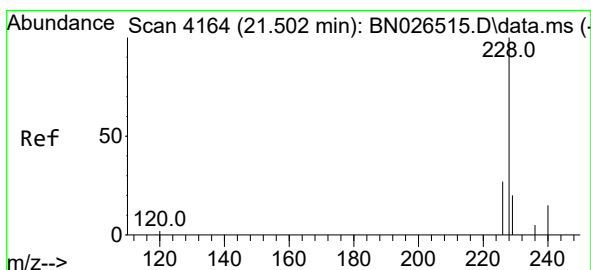
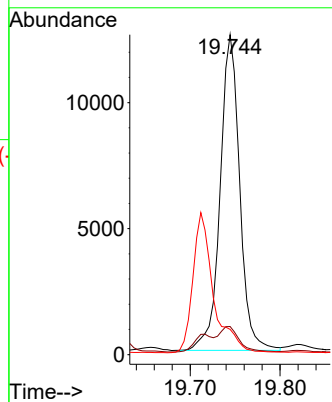
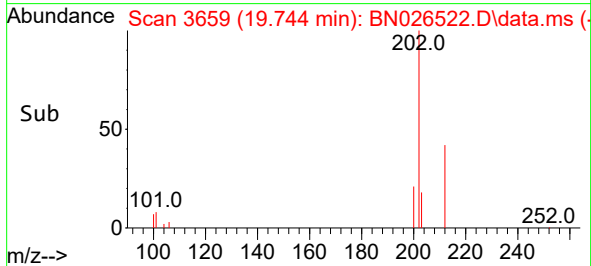
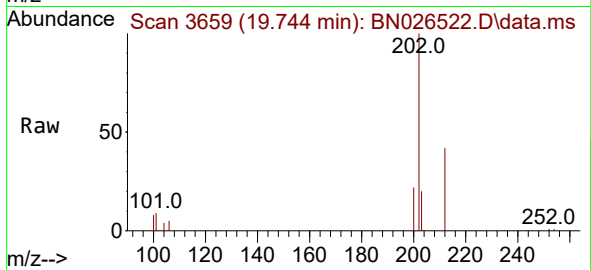
Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.0	12.0
100	7.9	6.2	9.2

Manual Integrations

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Supervised By :mohammad ahmed 07/17/2023



#21

Benzo(a)anthracene

Concen: 0.235 ng/ul

RT: 21.500 min Scan# 4163

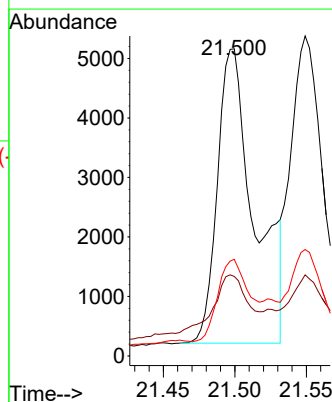
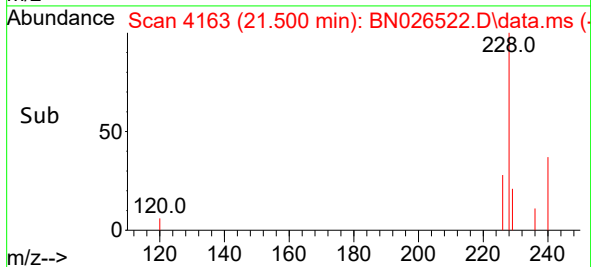
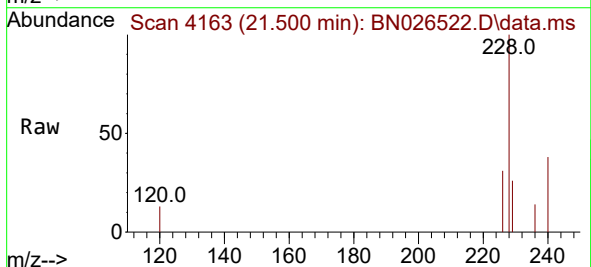
Delta R.T. -0.006 min

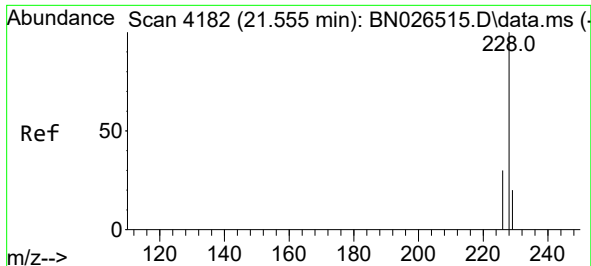
Lab File: BN026522.D

Acq: 15 Jul 2023 21:24

Tgt Ion:228 Resp: 8847

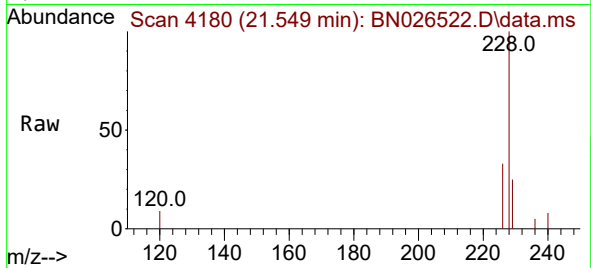
Ion	Ratio	Lower	Upper
228	100		
229	25.9	16.7	25.1#
226	31.5	23.5	35.3





#22
Chrysene
Concen: 0.196 ng/ul
RT: 21.549 min Scan# 4182
Delta R.T. -0.012 min
Lab File: BN026522.D
Acq: 15 Jul 2023 21:24

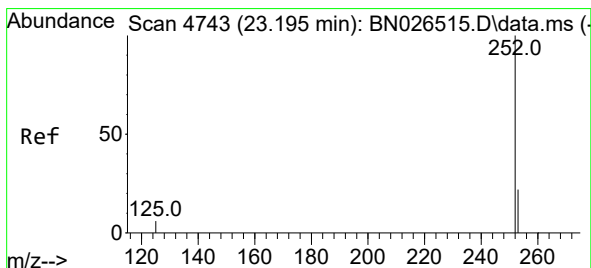
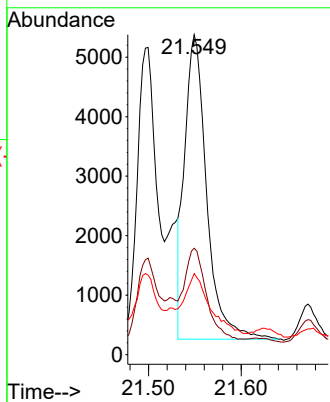
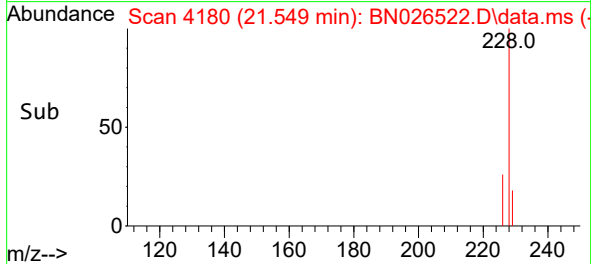
Instrument :
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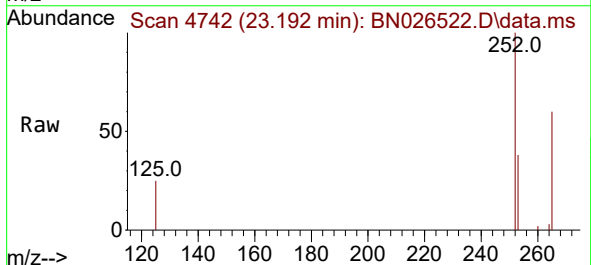
Tgt Ion:228 Resp: 842
Ion Ratio Lower Upper
228 100
226 33.3 25.2 37.8
229 25.3 16.4 24.6

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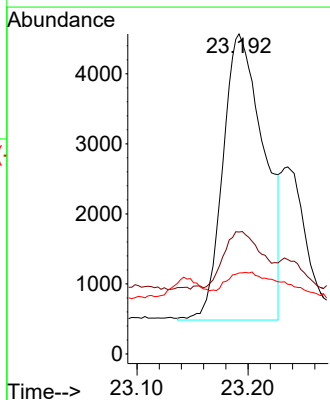
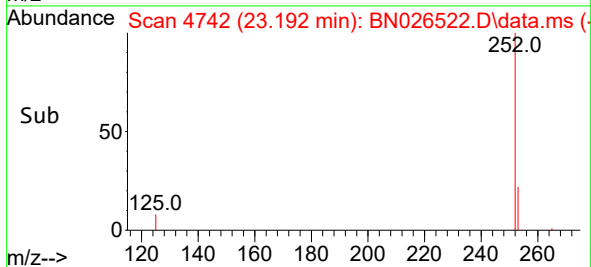
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

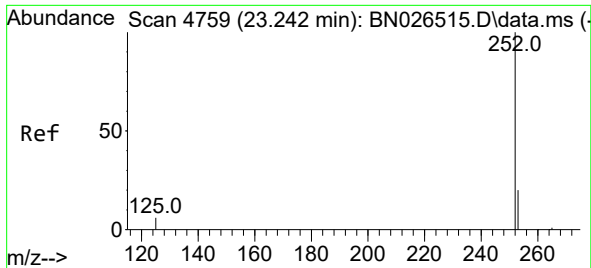


#24
Benzo(b)fluoranthene
Concen: 0.262 ng/ul m
RT: 23.192 min Scan# 4742
Delta R.T. -0.012 min
Lab File: BN026522.D
Acq: 15 Jul 2023 21:24



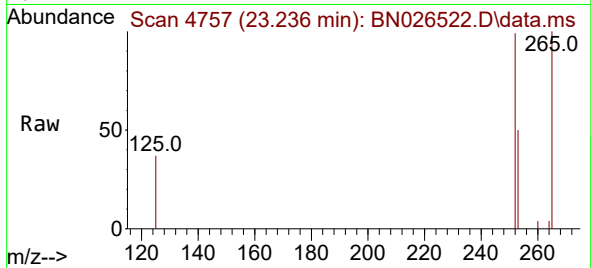
Tgt Ion:252 Resp: 10426
Ion Ratio Lower Upper
252 100
253 38.1 0.0 68.6
125 25.3 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.084 ng/ul m
RT: 23.236 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN026522.D
Acq: 15 Jul 2023 21:24

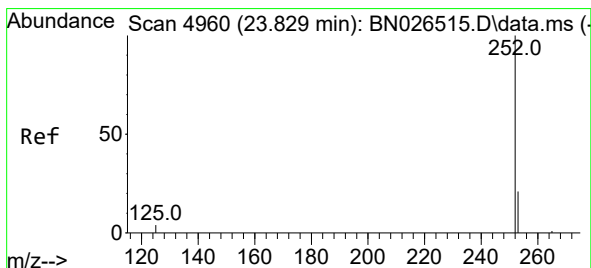
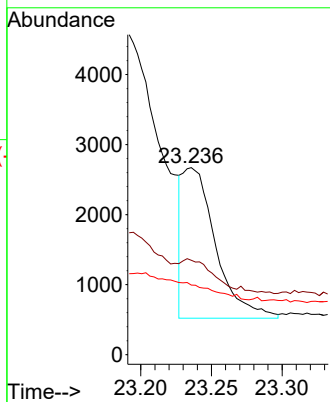
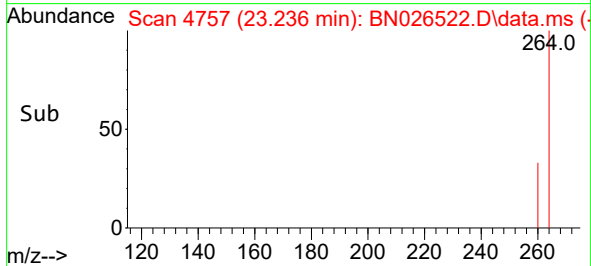
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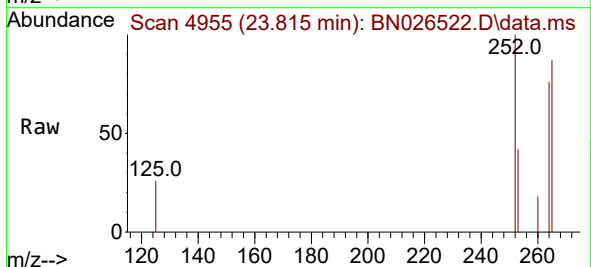
Tgt Ion:252 Resp: 351
Ion Ratio Lower Upper
252 100
253 50.4 27.2 40.8
125 37.2 13.4 20.2

Manual Integrations
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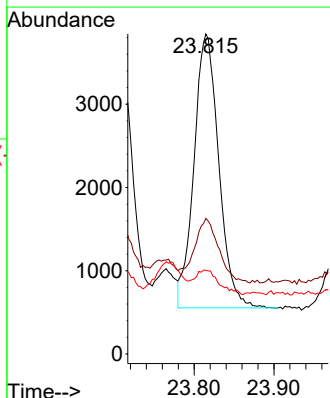
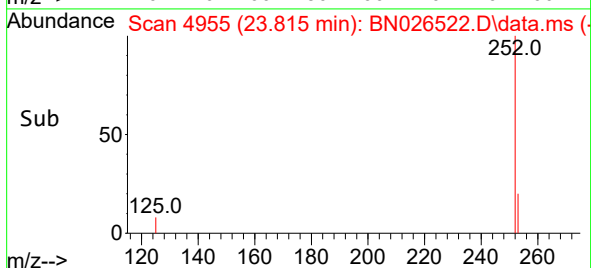
Reviewed By :Yogesh Patel 07/17/2023
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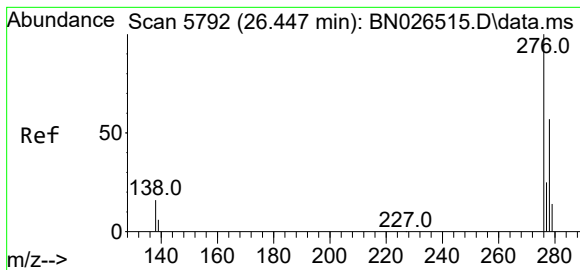


#26
Benzo(a)pyrene
Concen: 0.200 ng/ul
RT: 23.815 min Scan# 4955
Delta R.T. -0.021 min
Lab File: BN026522.D
Acq: 15 Jul 2023 21:24



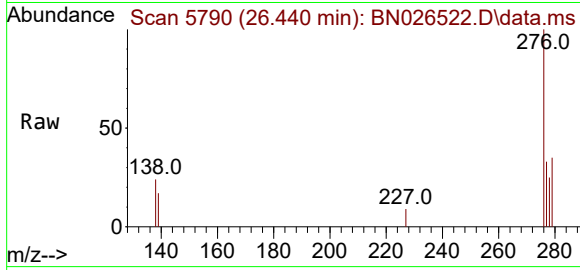
Tgt Ion:252 Resp: 7097
Ion Ratio Lower Upper
252 100
253 42.4 32.6 49.0
125 26.1 19.3 28.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng/ul
RT: 26.440 min Scan# 5792
Delta R.T. -0.027 min
Lab File: BN026522.D
Acq: 15 Jul 2023 21:24

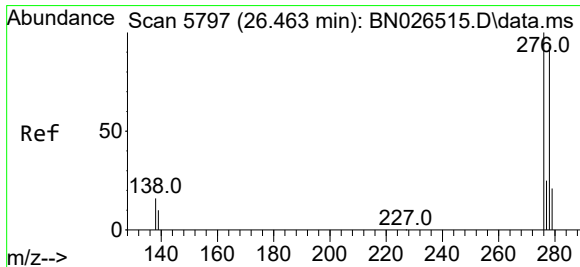
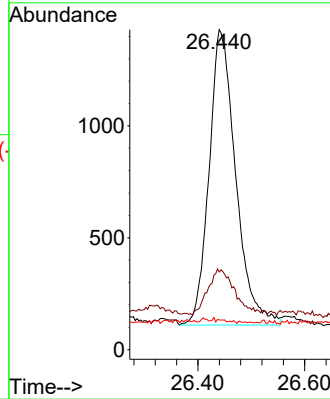
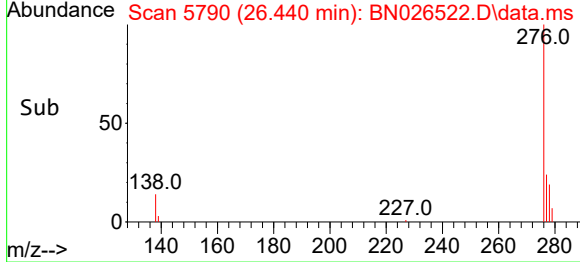
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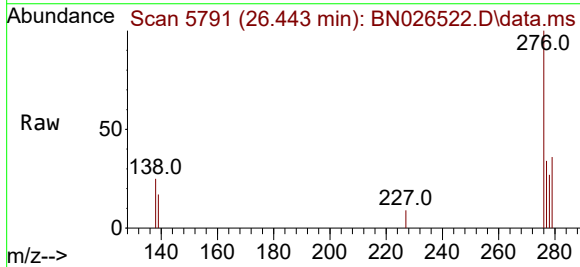
Tgt Ion:276 Resp: 4569
Ion Ratio Lower Upper
276 100
138 16.1 22.2 33.4#
227 0.8 0.1 0.1#

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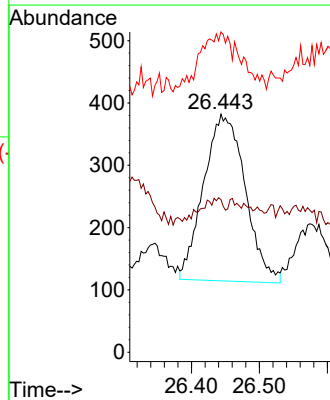
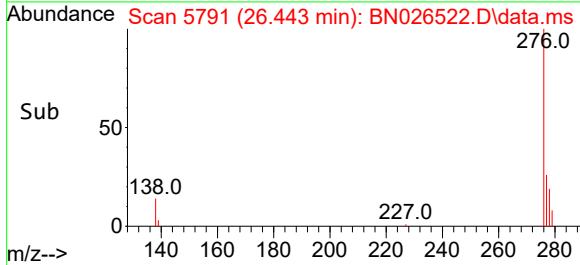
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

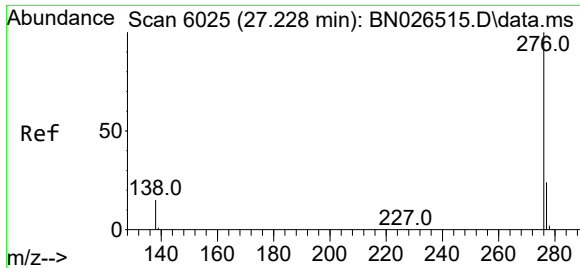


#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 26.443 min Scan# 5791
Delta R.T. -0.034 min
Lab File: BN026522.D
Acq: 15 Jul 2023 21:24



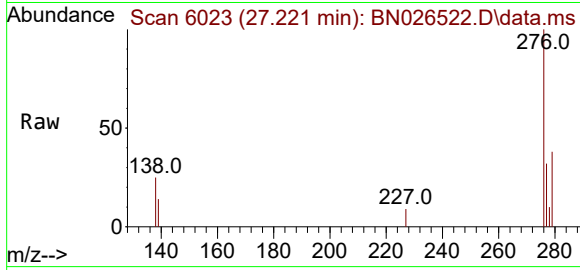
Tgt Ion:278 Resp: 1135
Ion Ratio Lower Upper
278 100
139 64.1 18.9 28.3#
279 134.6 31.3 46.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.120 ng/ul
 RT: 27.221 min Scan# 6023
 Delta R.T. -0.020 min
 Lab File: BN026522.D
 Acq: 15 Jul 2023 21:24

Instrument :
 BNA_N
 ClientSampleId :
 A4634DL



Tgt Ion: 276 Resp: 4932

Ion	Ratio	Lower	Upper
276	100		
138	25.1	22.6	34.0
277	32.2	21.8	32.8

Manual Integrations
 APPROVED

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