

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
 Data File : BN026523.D
 Acq On : 15 Jul 2023 22:00
 Operator : MA/JU
 Sample : 03418-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46J6

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 00:56:10 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	7.942	152	3027	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.748	136	9483	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.579	164	6079	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	13198	0.400	ng/ul	0.00
17) Chrysene-d12	21.508	240	10767	0.400	ng/ul	#-0.01
23) Perylene-d12	23.923	264	9691	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	6798	1.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	3077	0.239	ng/ul	-0.01
18) Fluoranthene-d10	19.354	212	8413	0.225	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.798	128	10183	0.391	ng/ul	99
7) 2-Methylnaphthalene	12.414	142	557	0.038	ng/ul	96
12) Fluorene	15.630	166	491	0.021	ng/ul#	92
15) Phenanthrene	17.368	178	10507	0.250	ng/ul	99
16) Anthracene	17.457	178	1575	0.043	ng/ul#	76
19) Fluoranthene	19.382	202	32607	0.646	ng/ul	96
20) Pyrene	19.744	202	26975	0.492	ng/ul	98
21) Benzo(a)anthracene	21.494	228	9552	0.241	ng/ul	97
22) Chrysene	21.546	228	13486	0.299	ng/ul	98
24) Benzo(b)fluoranthene	23.186	252	16203m	0.429	ng/ul	
25) Benzo(k)fluoranthene	23.233	252	5987m	0.151	ng/ul	
26) Benzo(a)pyrene	23.812	252	4064	0.121	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.440	276	6956	0.158	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.447	278	1582	0.047	ng/ul#	1
29) Benzo(g,h,i)perylene	27.215	276	7036	0.181	ng/ul	92

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

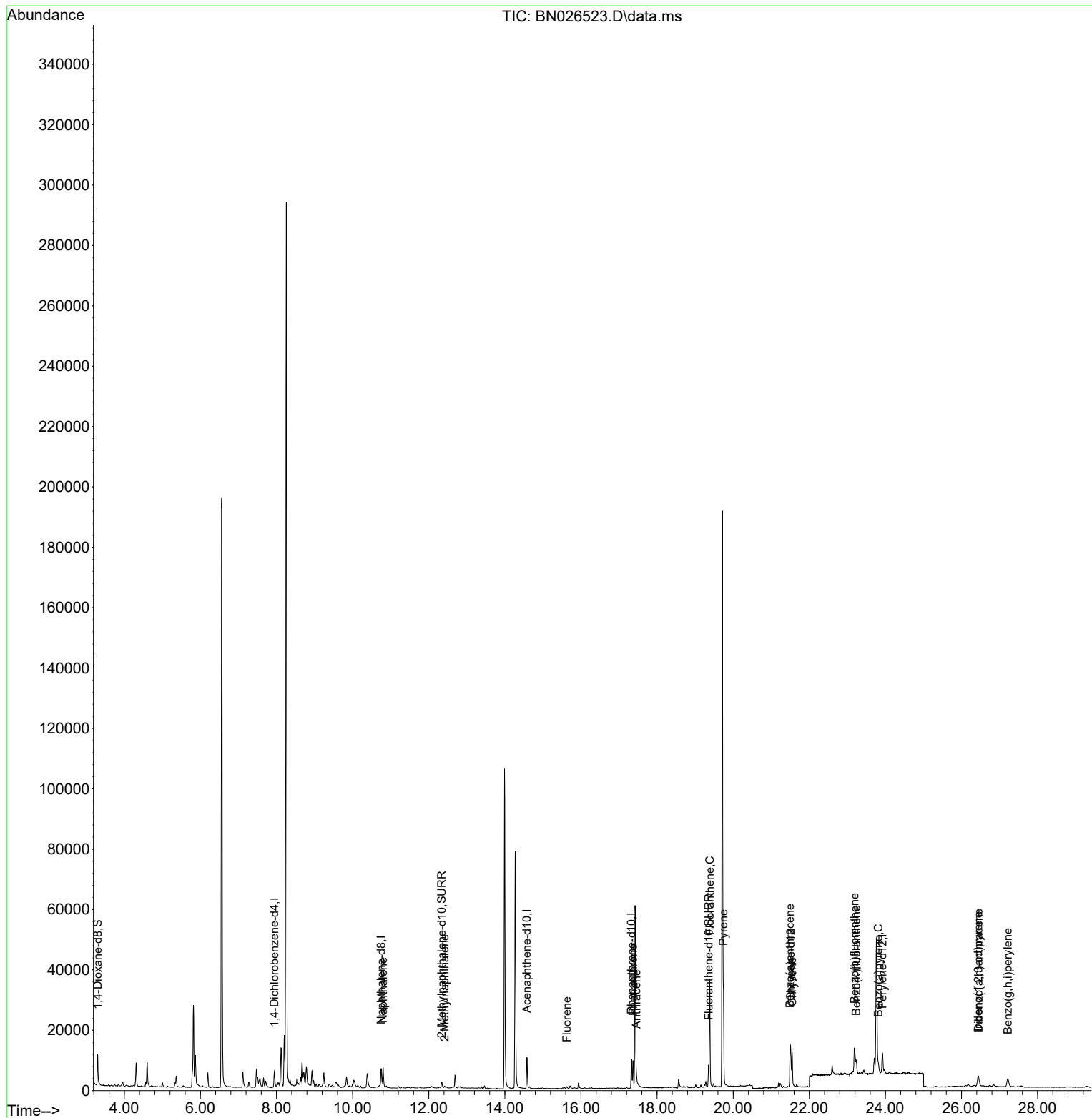
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
Data File : BN026523.D
Acq On : 15 Jul 2023 22:00
Operator : MA/JU
Sample : 03418-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

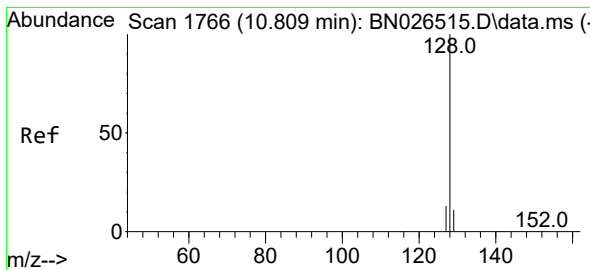
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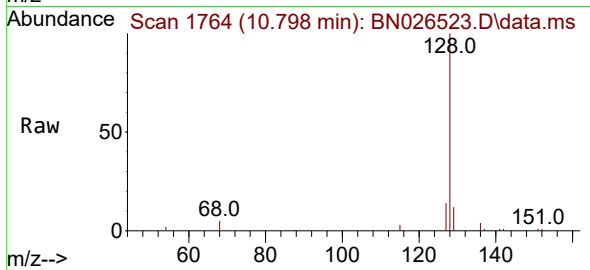
Quant Time: Jul 16 00:56:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. -0.017 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

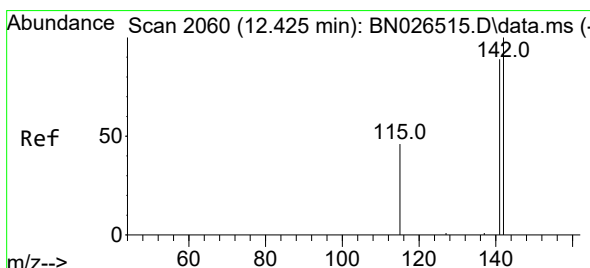
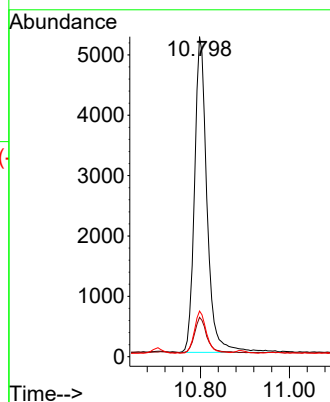
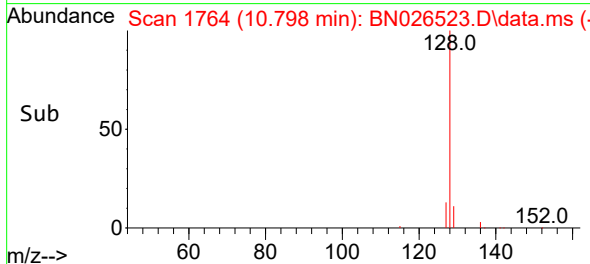
Instrument :
BNA_N
ClientSampleId :
A46J6



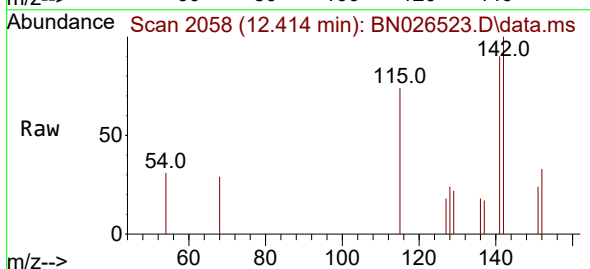
Tgt Ion:128 Resp: 1018
Ion Ratio Lower Upper
128 100
129 12.3 10.2 15.2
127 14.2 11.4 17.0

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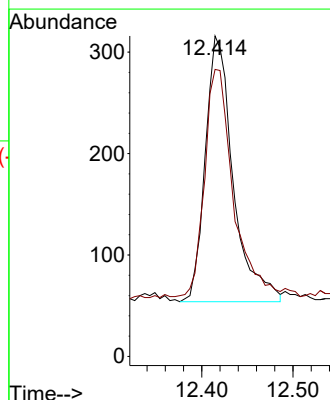
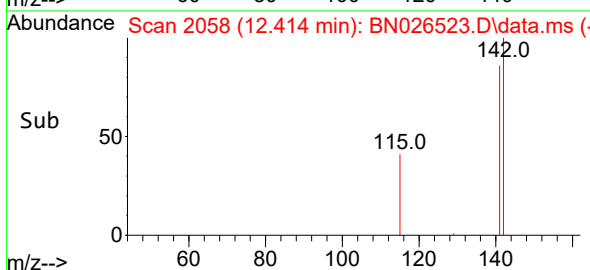
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

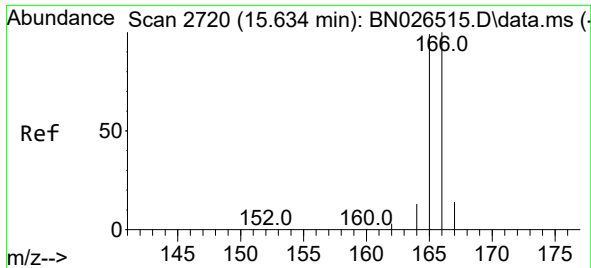


#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00



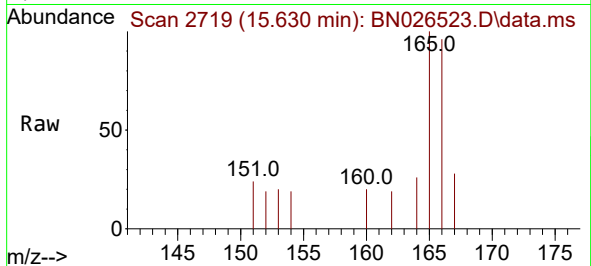
Tgt Ion:142 Resp: 557
Ion Ratio Lower Upper
142 100
141 86.9 72.3 108.5





#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.630 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

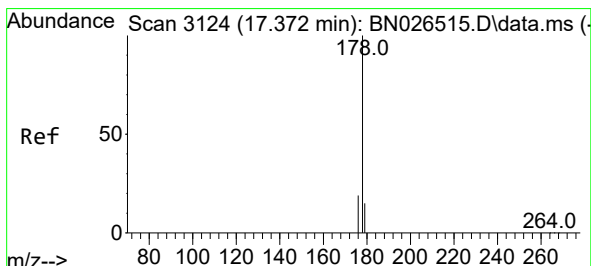
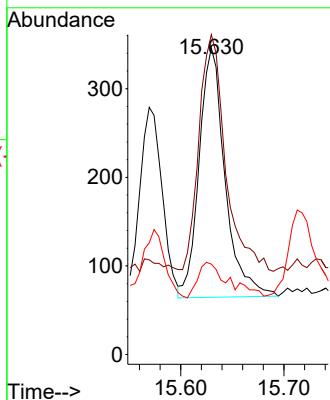
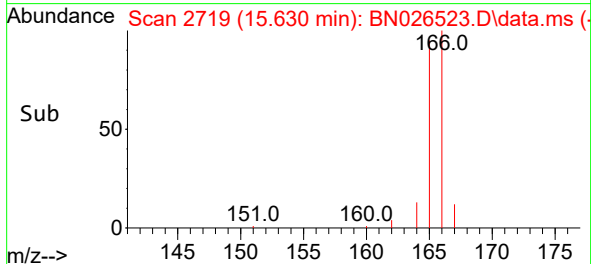
Instrument :
BNA_N
ClientSampleId :
A46J6



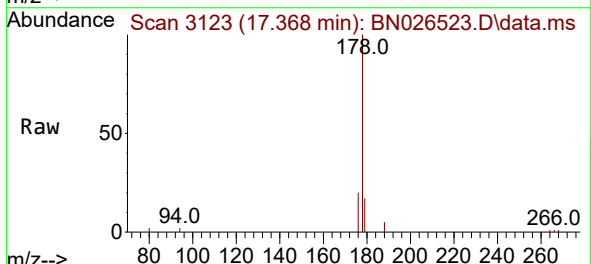
Tgt Ion:166 Resp: 49
Ion Ratio Lower Upper
166 100
165 104.3 80.6 120.8
167 29.5 12.0 18.0

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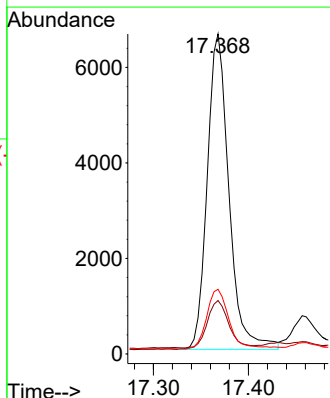
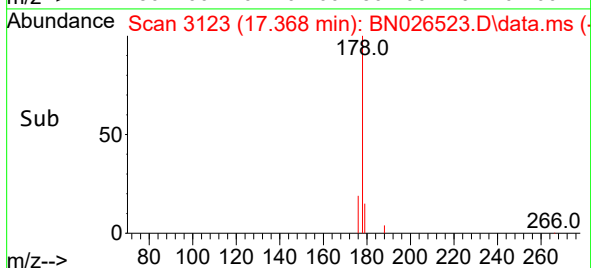
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

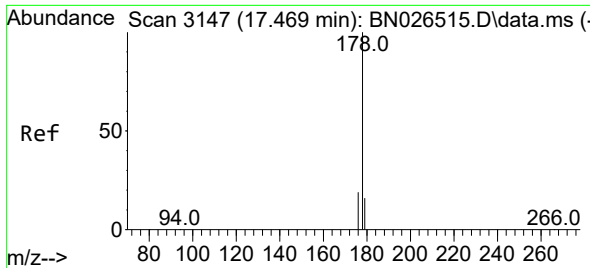


#15
Phenanthrene
Concen: 0.250 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.013 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00



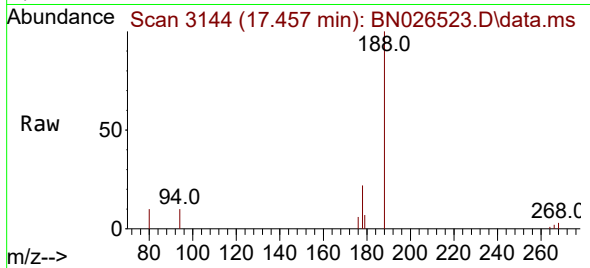
Tgt Ion:178 Resp: 10507
Ion Ratio Lower Upper
178 100
179 16.7 13.7 20.5
176 20.2 16.5 24.7





#16
 Anthracene
 Concen: 0.043 ng/ul
 RT: 17.457 min Scan# 3144
 Delta R.T. -0.017 min
 Lab File: BN026523.D
 Acq: 15 Jul 2023 22:00

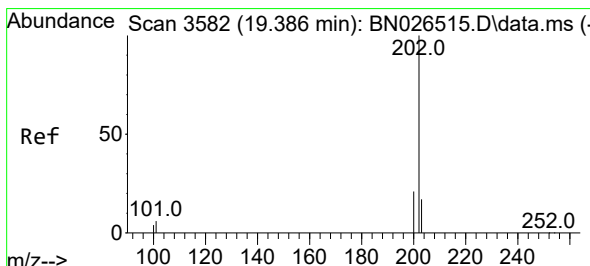
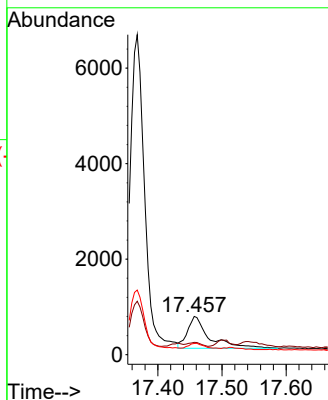
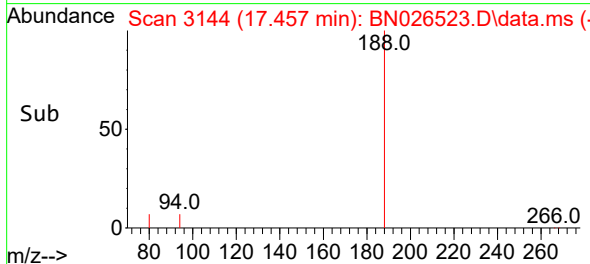
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:178 Resp: 1575
 Ion Ratio Lower Upper
 178 100
 179 32.1 14.8 22.2
 176 29.1 16.6 25.0

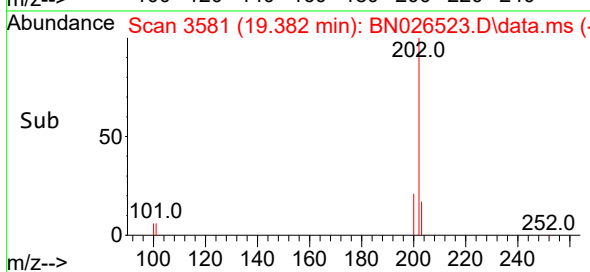
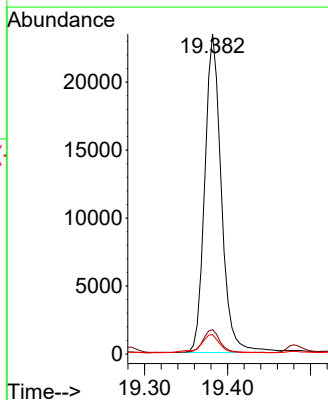
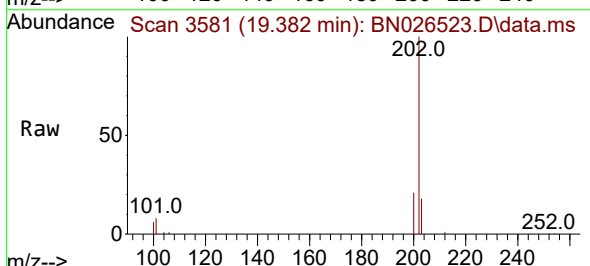
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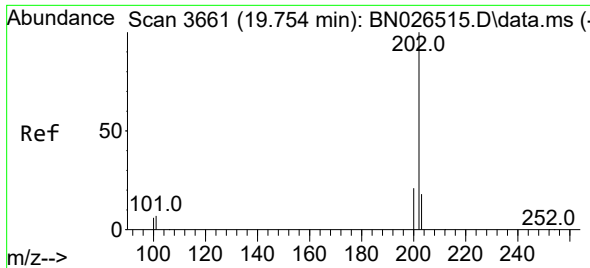
Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023



#19
 Fluoranthene
 Concen: 0.646 ng/ul
 RT: 19.382 min Scan# 3581
 Delta R.T. -0.009 min
 Lab File: BN026523.D
 Acq: 15 Jul 2023 22:00

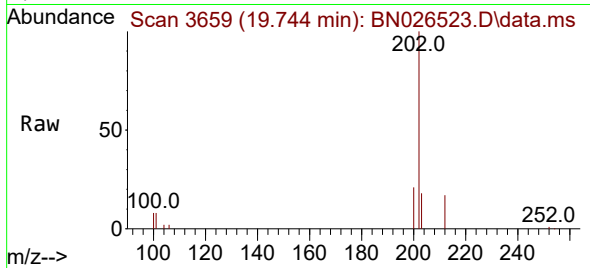
Tgt Ion:202 Resp: 32607
 Ion Ratio Lower Upper
 202 100
 101 7.6 7.0 10.4
 100 6.1 6.0 9.0





#20
Pyrene
Concen: 0.492 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.014 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

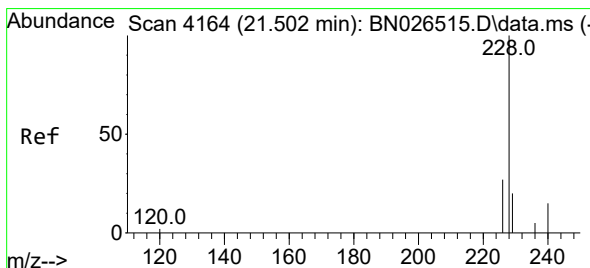
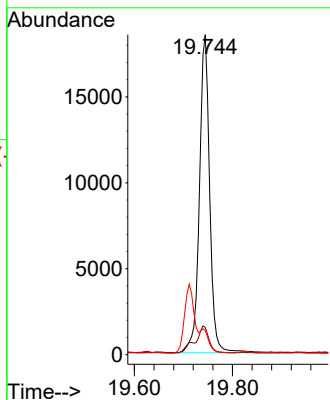
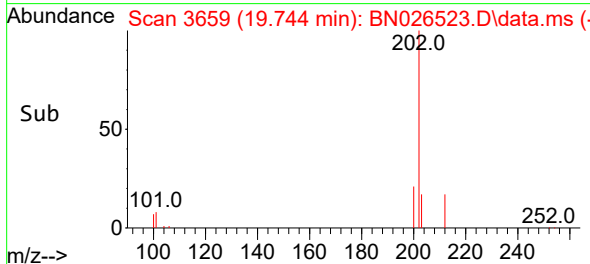
Instrument :
BNA_N
ClientSampleId :
A46J6



Tgt Ion:202 Resp: 2697
Ion Ratio Lower Upper
202 100
101 8.5 8.0 12.0
100 7.6 6.2 9.2

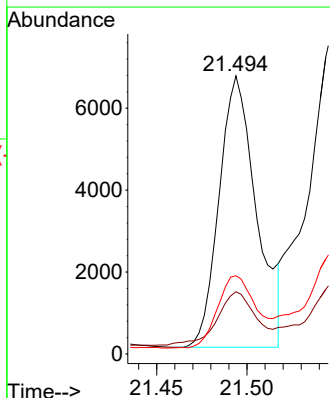
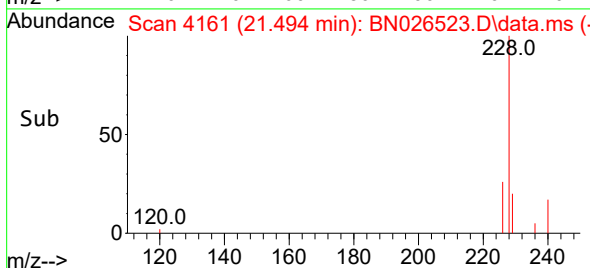
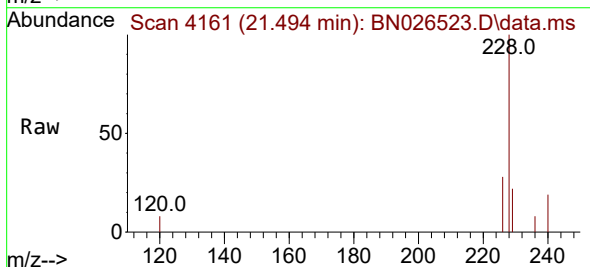
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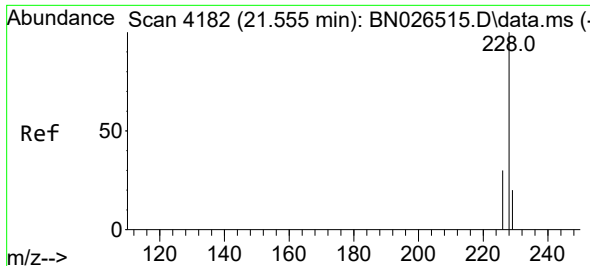
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#21
Benzo(a)anthracene
Concen: 0.241 ng/ul
RT: 21.494 min Scan# 4161
Delta R.T. -0.012 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

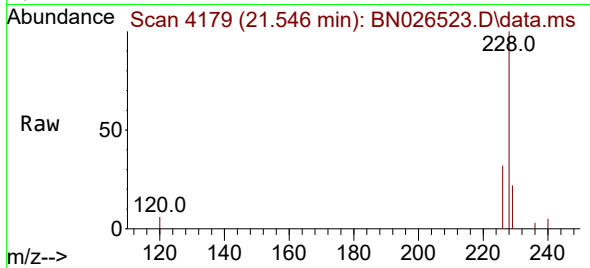
Tgt Ion:228 Resp: 9552
Ion Ratio Lower Upper
228 100
229 22.4 16.7 25.1
226 28.1 23.5 35.3





#22
Chrysene
Concen: 0.299 ng/ul
RT: 21.546 min Scan# 4182
Delta R.T. -0.015 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

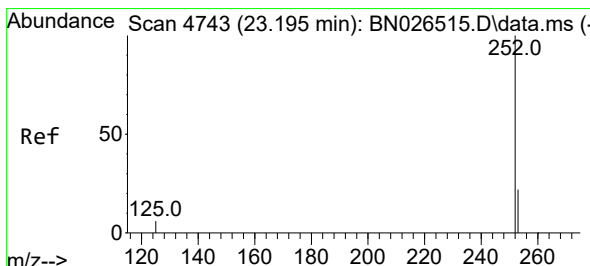
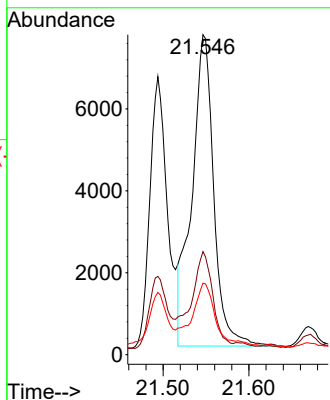
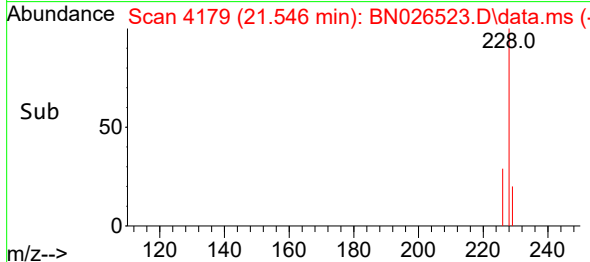
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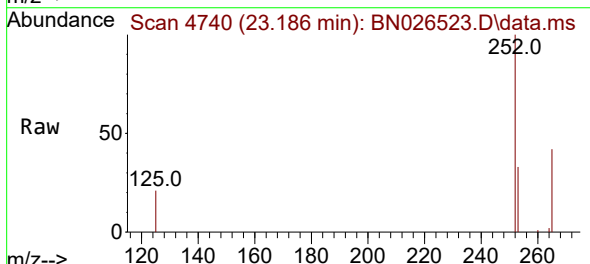
Tgt Ion:228 Resp: 13480
Ion Ratio Lower Upper
228 100
226 32.2 25.2 37.8
229 22.4 16.4 24.6

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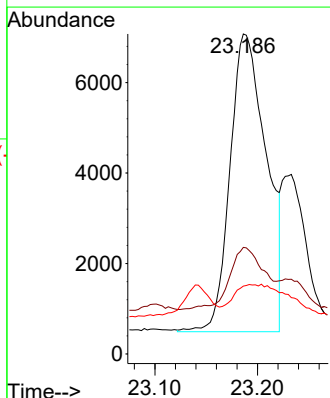
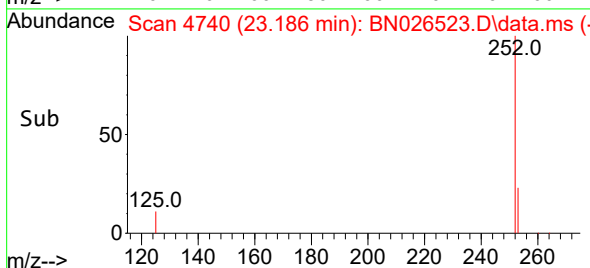
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

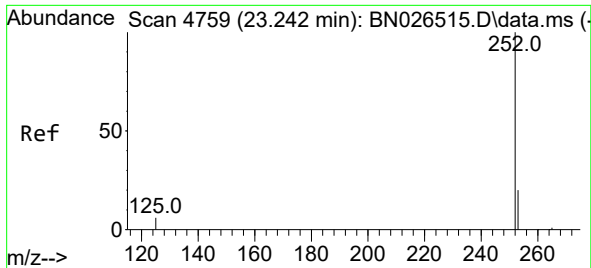


#24
Benzo(b)fluoranthene
Concen: 0.429 ng/ul m
RT: 23.186 min Scan# 4740
Delta R.T. -0.018 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00



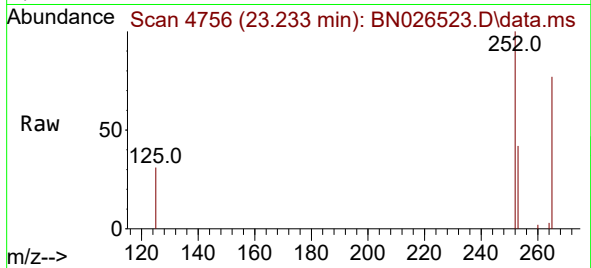
Tgt Ion:252 Resp: 16203
Ion Ratio Lower Upper
252 100
253 33.3 0.0 68.6
125 21.2 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.151 ng/ul m
RT: 23.233 min Scan# 41
Delta R.T. -0.018 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

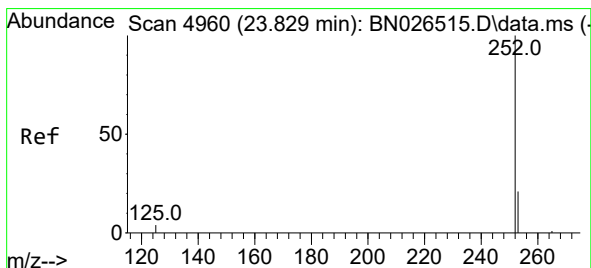
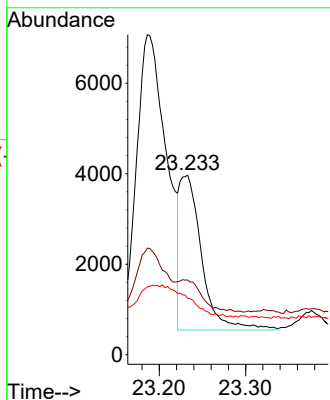
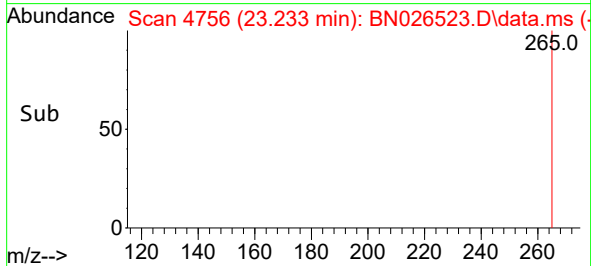
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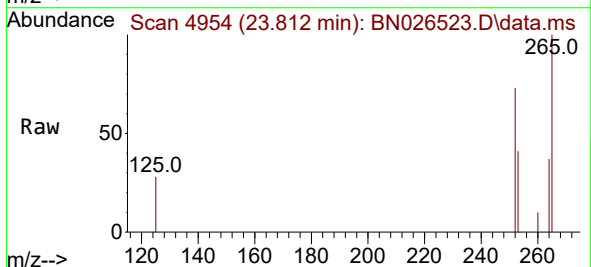
Tgt Ion:252 Resp: 598
Ion Ratio Lower Upper
252 100
253 41.7 27.2 40.8
125 31.4 13.4 20.2

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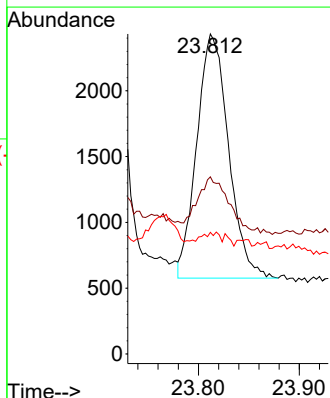
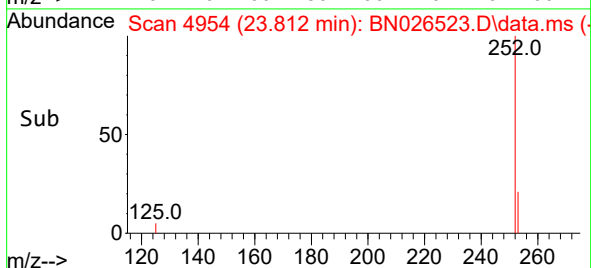
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

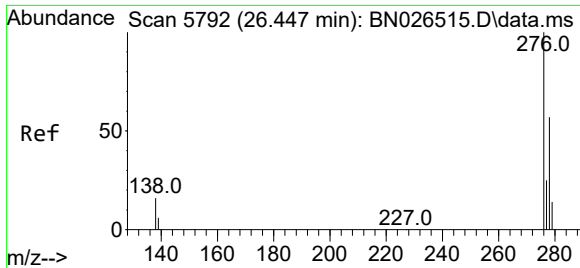


#26
Benzo(a)pyrene
Concen: 0.121 ng/ul
RT: 23.812 min Scan# 4954
Delta R.T. -0.023 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00



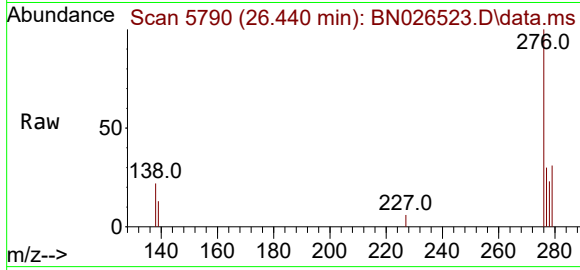
Tgt Ion:252 Resp: 4064
Ion Ratio Lower Upper
252 100
253 55.3 32.6 49.0#
125 38.0 19.3 28.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng/ul
RT: 26.440 min Scan# 51
Delta R.T. -0.027 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

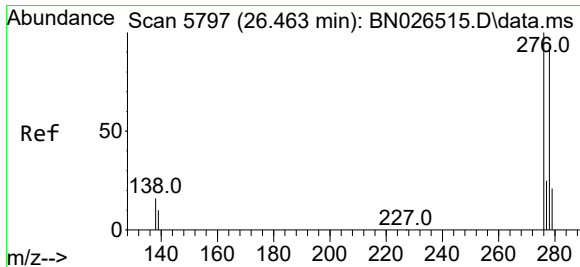
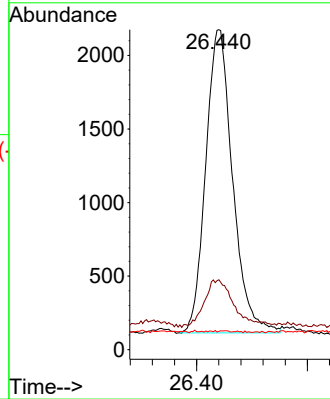
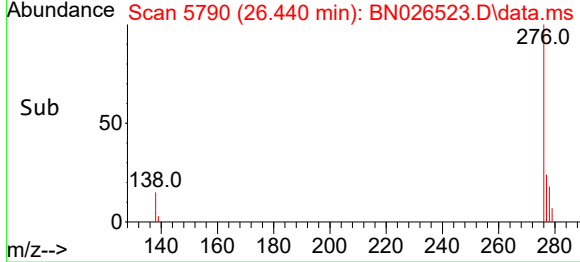
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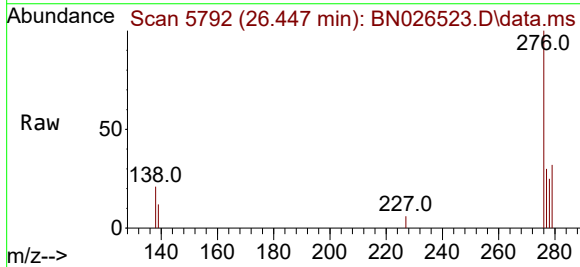
Tgt Ion:276 Resp: 6950
Ion Ratio Lower Upper
276 100
138 17.8 22.2 33.4#
227 0.2 0.1 0.1#

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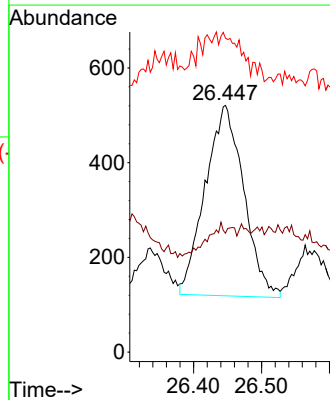
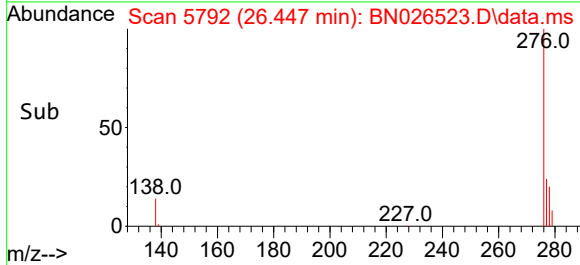
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

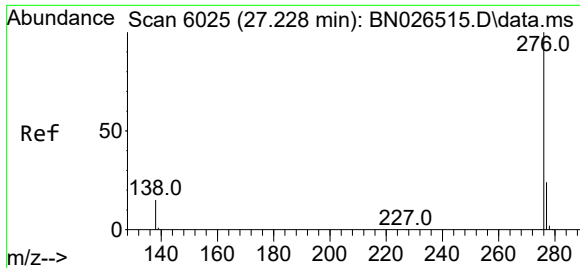


#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 26.447 min Scan# 5792
Delta R.T. -0.030 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00



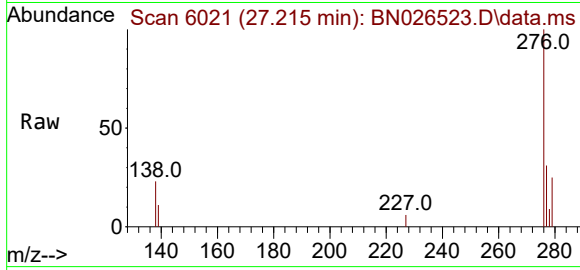
Tgt Ion:278 Resp: 1582
Ion Ratio Lower Upper
278 100
139 48.2 18.9 28.3#
279 127.3 31.3 46.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.181 ng/ul
 RT: 27.215 min Scan# 60
 Delta R.T. -0.027 min
 Lab File: BN026523.D
 Acq: 15 Jul 2023 22:00

Instrument :
 BNA_N
 ClientSampleId :
 A46J6



Tgt Ion: 276 Resp: 7030

Ion	Ratio	Lower	Upper
276	100		
138	23.1	22.6	34.0
277	30.9	21.8	32.8

Manual Integrations
 APPROVED

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

