

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026465.D
 Acq On : 11 Jul 2023 16:31
 Operator : MA/JU
 Sample : 03414-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4640

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 02:12:38 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	3548	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.721	136	12436	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.561	164	7066	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	12587	0.400	ng/ul	-0.01
17) Chrysene-d12	21.517	240	7687	0.400	ng/ul	0.00
23) Perylene-d12	23.952	264	9093	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	7088	1.774	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	2241	0.117	ng/ul	-0.01
18) Fluoranthene-d10	19.345	212	3917	0.134	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	10113	0.284	ng/ul	97
7) 2-Methylnaphthalene	12.392	142	681	0.030	ng/ul	100
10) Acenaphthylene	14.279	152	1013	0.031	ng/ul#	60
12) Fluorene	15.611	166	641	0.021	ng/ul#	91
15) Phenanthrene	17.351	178	8663	0.208	ng/ul	97
16) Anthracene	17.444	178	2212	0.060	ng/ul#	78
19) Fluoranthene	19.373	202	12448	0.303	ng/ul	99
20) Pyrene	19.735	202	10445m	0.245	ng/ul	
21) Benzo(a)anthracene	21.502	228	4051	0.128	ng/ul#	88
22) Chrysene	21.552	228	3720	0.113	ng/ul#	89
24) Benzo(b)fluoranthene	23.212	252	4790m	0.123	ng/ul	
25) Benzo(k)fluoranthene	23.256	252	2166m	0.056	ng/ul	
26) Benzo(a)pyrene	23.844	252	2149	0.064	ng/ul#	19
27) Indeno(1,2,3-cd)pyrene	26.517	276	2259	0.061	ng/ul#	86

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

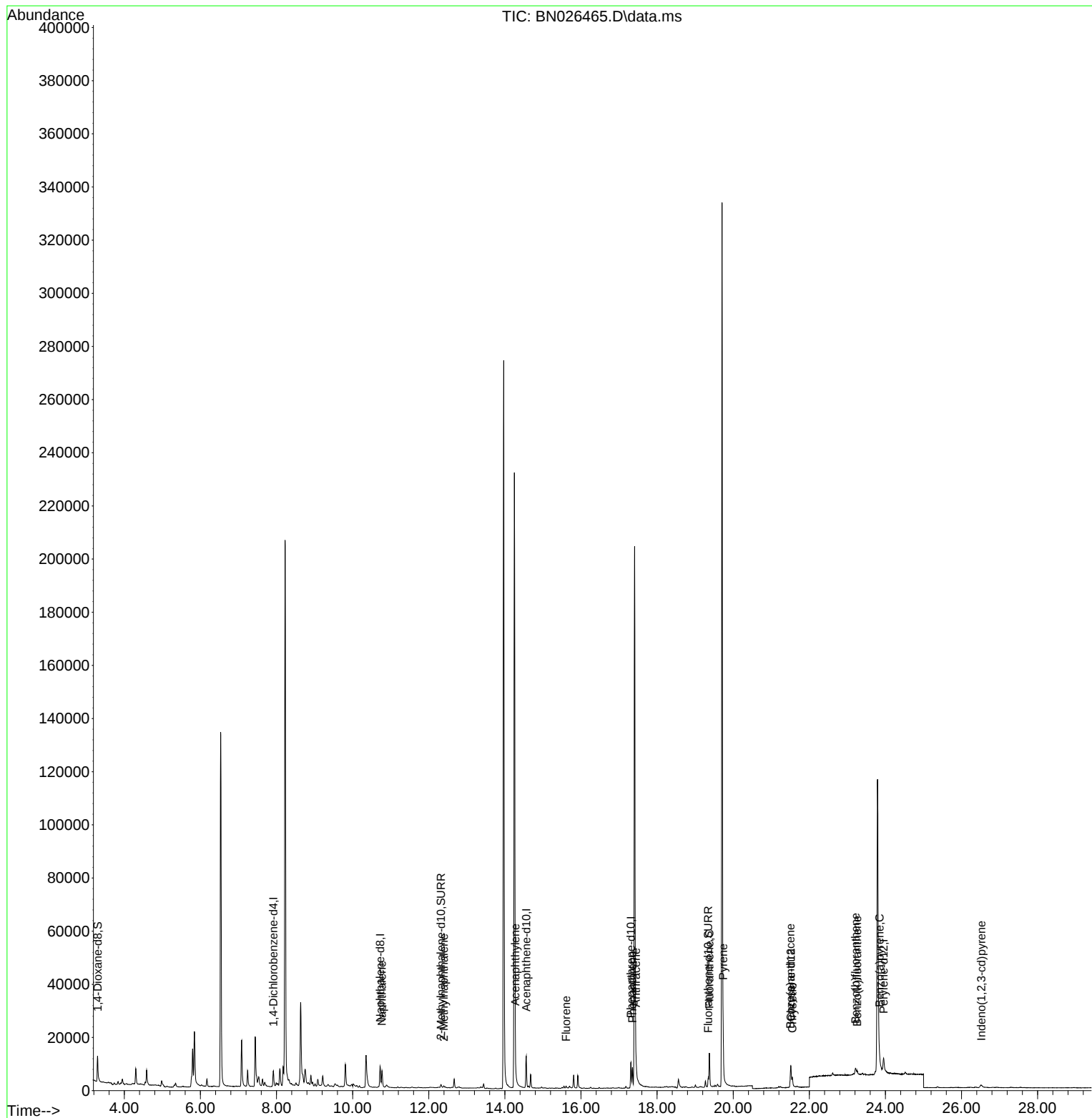
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
Data File : BN026465.D
Acq On : 11 Jul 2023 16:31
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Sample : 03414-13
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ALS Vial : 12 Sample Multiplier: 1

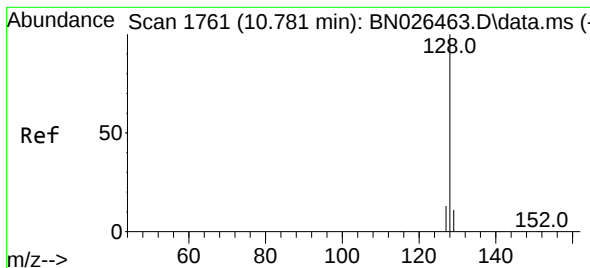
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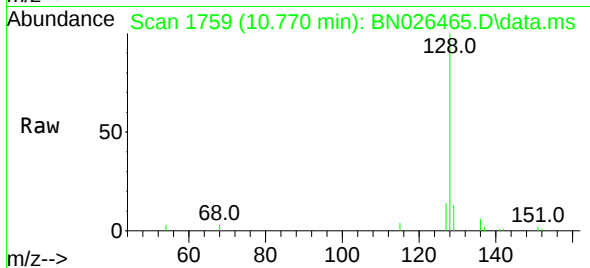
Quant Time: Jul 12 02:12:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
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#5
Naphthalene
Concen: 0.284 ng/ul
RT: 10.770 min Scan# 1761
Delta R.T. -0.017 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

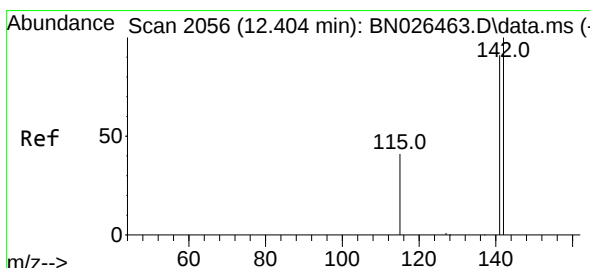
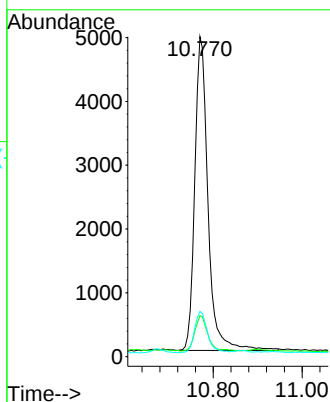
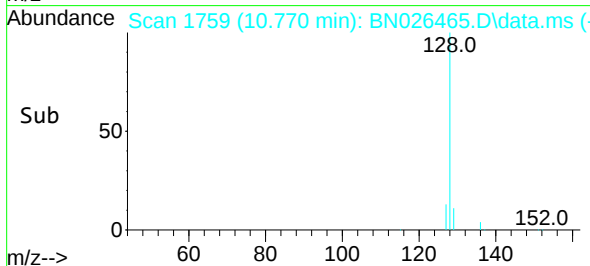
Instrument :
BNA_N
ClientSampleId :
A4640



Tgt Ion:128 Resp: 1011
Ion Ratio Lower Upper
128 100
129 12.8 9.1 13.7
127 14.2 10.7 16.1

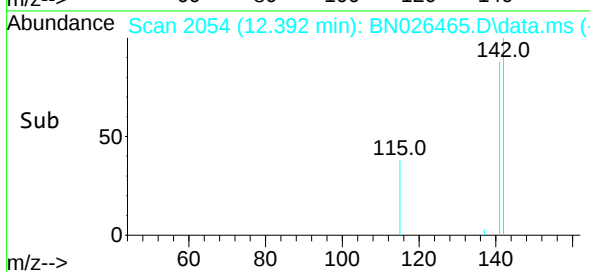
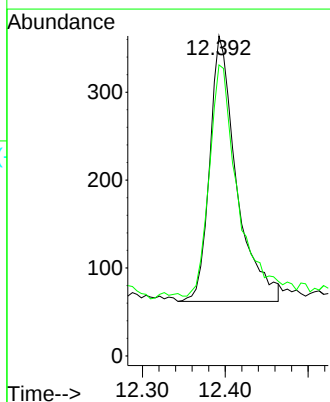
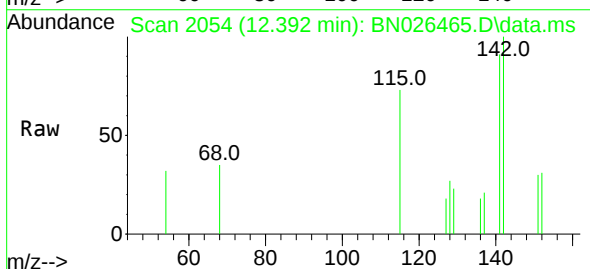
Manual Integrations
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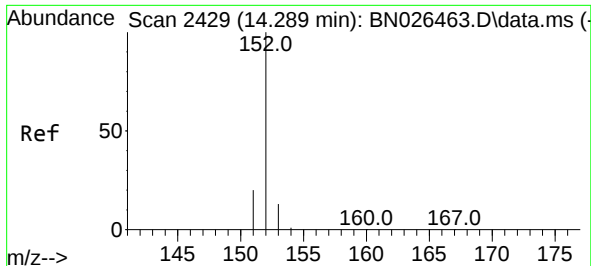
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

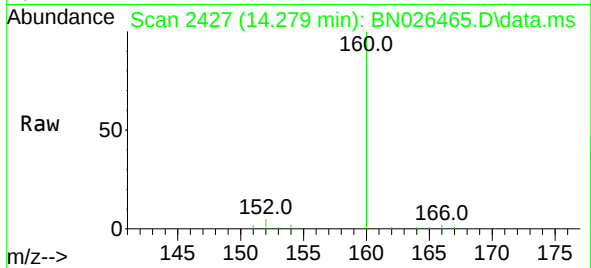
Tgt Ion:142 Resp: 681
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9





#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 14.279 min Scan# 2429
Delta R.T. -0.014 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

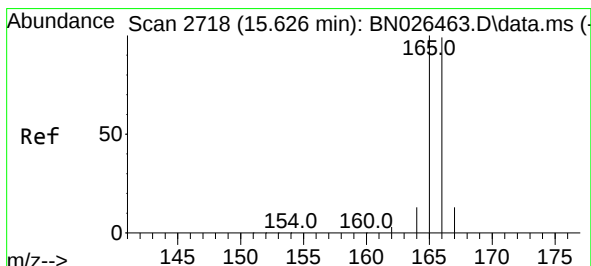
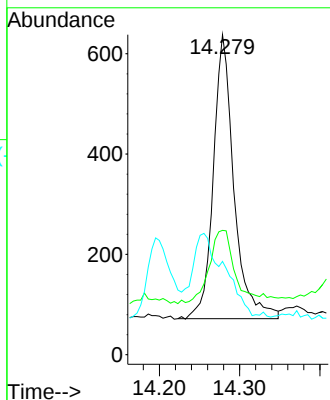
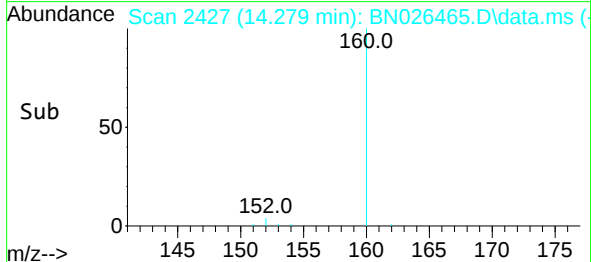
Instrument :
BNA_N
ClientSampleId :
A4640



Tgt Ion:152 Resp: 101
Ion Ratio Lower Upper
152 100
151 38.9 16.2 24.4
153 29.2 10.9 16.3

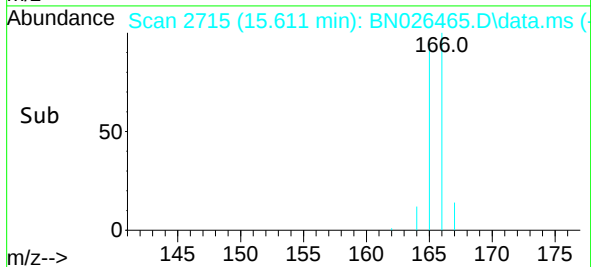
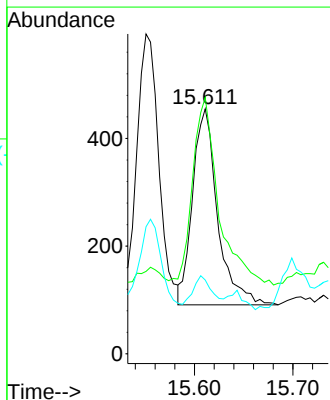
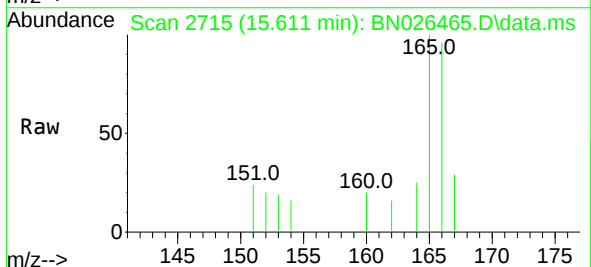
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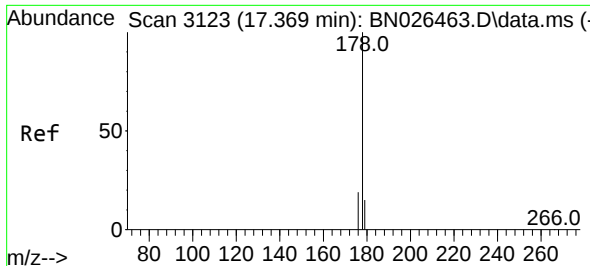
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. -0.014 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

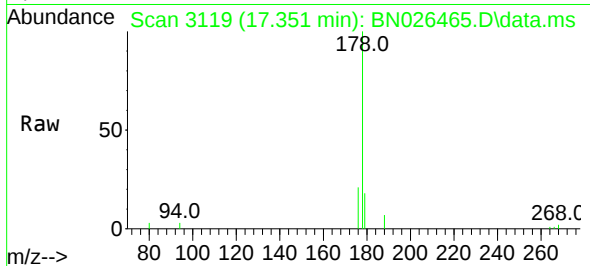
Tgt Ion:166 Resp: 641
Ion Ratio Lower Upper
166 100
165 104.6 79.9 119.9
167 30.1 10.8 16.2





#15
Phenanthrene
Concen: 0.208 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. -0.017 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

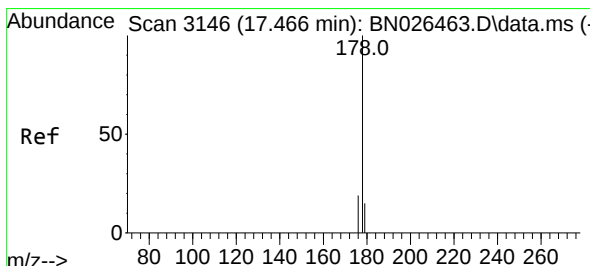
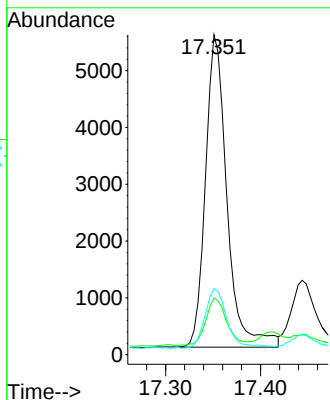
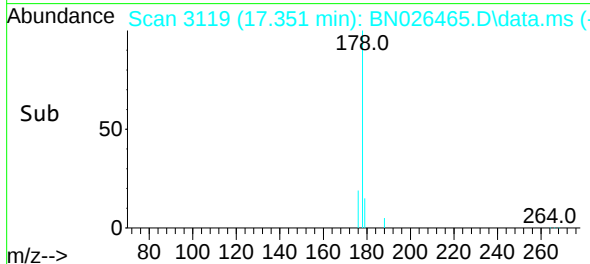
Instrument :
BNA_N
ClientSampleId :
A4640



Tgt Ion:178 Resp: 866
Ion Ratio Lower Upper
178 100
179 17.7 12.6 19.0
176 20.7 15.8 23.6

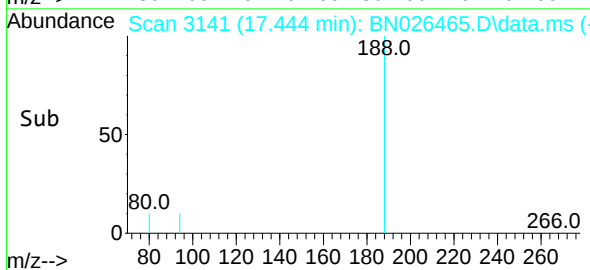
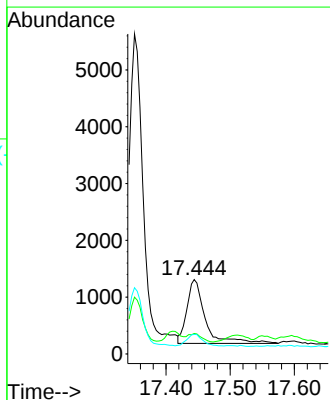
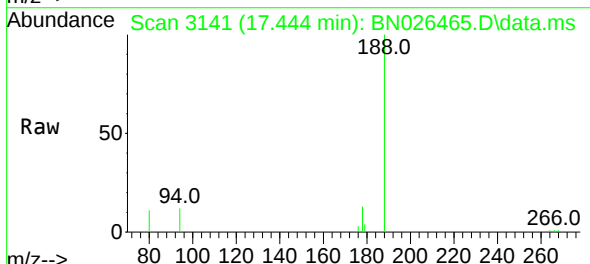
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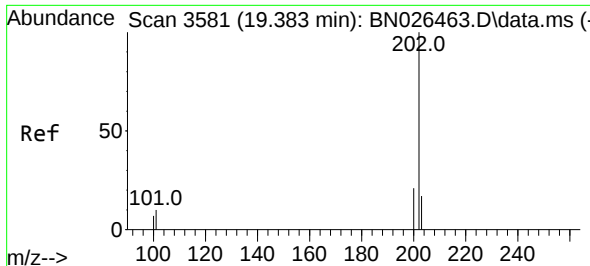
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#16
Anthracene
Concen: 0.060 ng/ul
RT: 17.444 min Scan# 3141
Delta R.T. -0.021 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

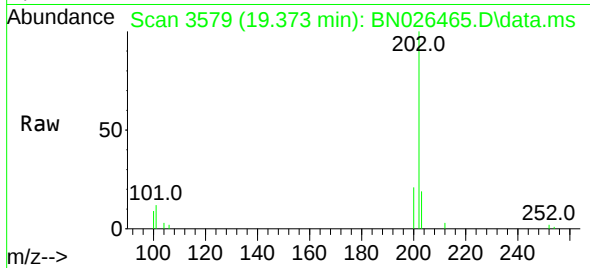
Tgt Ion:178 Resp: 2212
Ion Ratio Lower Upper
178 100
179 27.7 12.6 18.8#
176 26.3 15.1 22.7#





#19
Fluoranthene
Concen: 0.303 ng/ul
RT: 19.373 min Scan# 3579
Delta R.T. -0.014 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

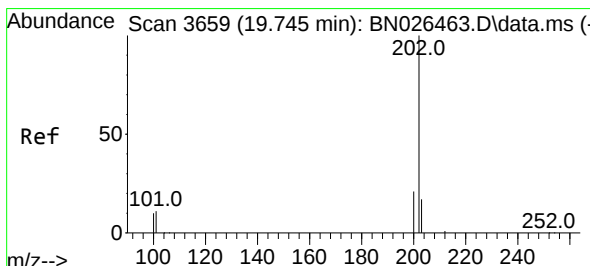
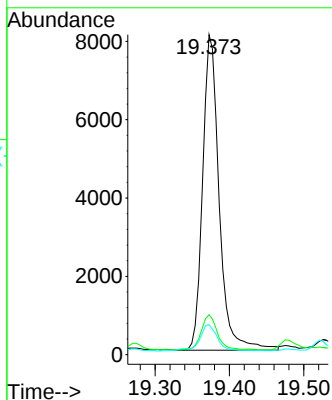
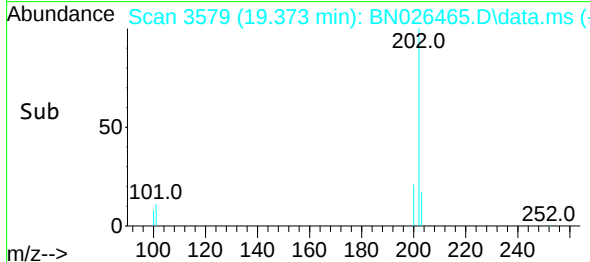
Instrument :
BNA_N
ClientSampleId :
A4640



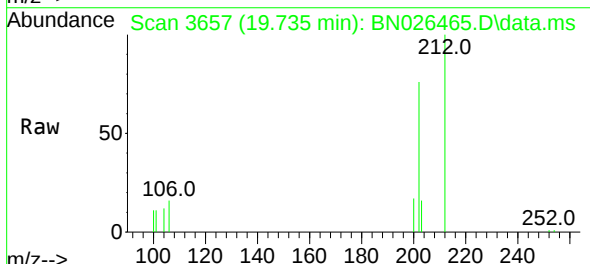
Tgt Ion:202 Resp: 12448
Ion Ratio Lower Upper
202 100
101 12.5 9.5 14.3
100 9.4 7.3 10.9

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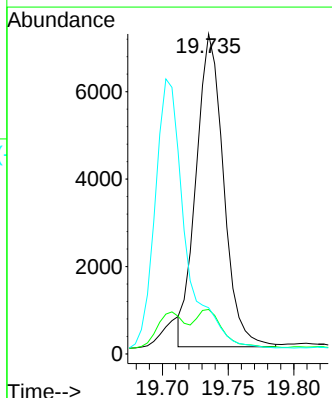
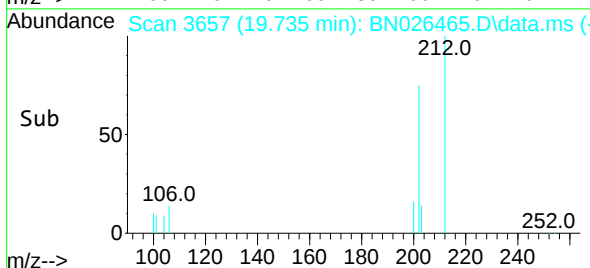
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

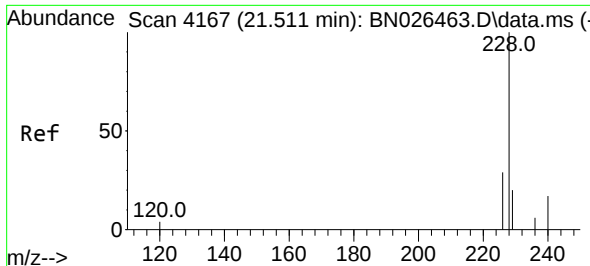


#20
Pyrene
Concen: 0.245 ng/ul m
RT: 19.735 min Scan# 3657
Delta R.T. -0.014 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31



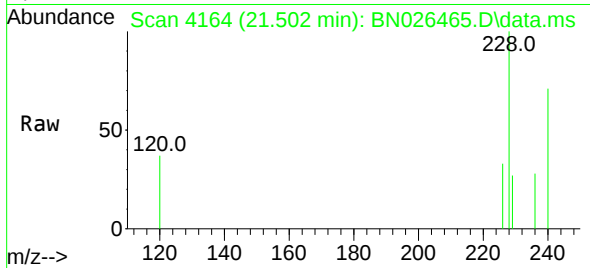
Tgt Ion:202 Resp: 10445
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 14.4 9.1 13.7#





#21
Benzo(a)anthracene
Concen: 0.128 ng/ul
RT: 21.502 min Scan# 4167
Delta R.T. 0.003 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

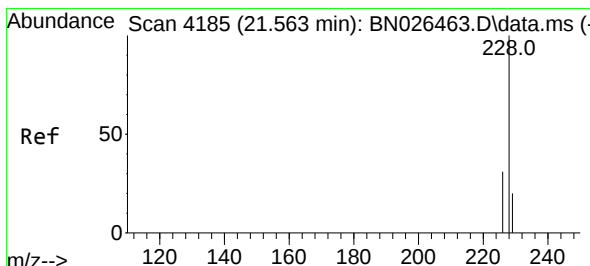
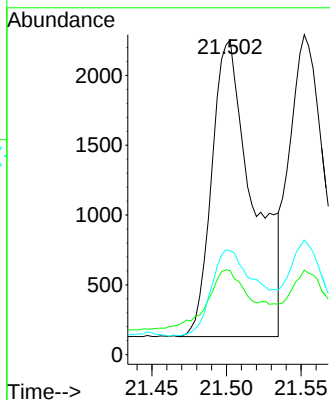
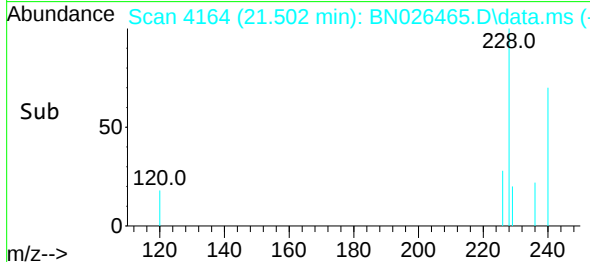
Instrument :
BNA_N
ClientSampleId :
A4640



Tgt Ion:228 Resp: 405
Ion Ratio Lower Upper
228 100
229 26.6 15.8 23.6
226 33.0 22.5 33.7

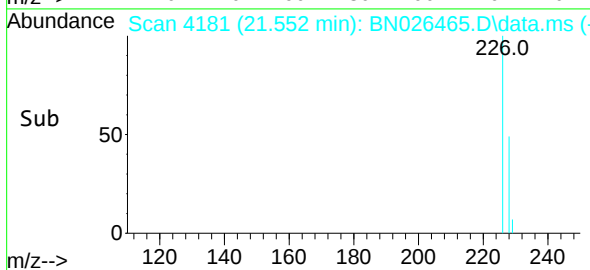
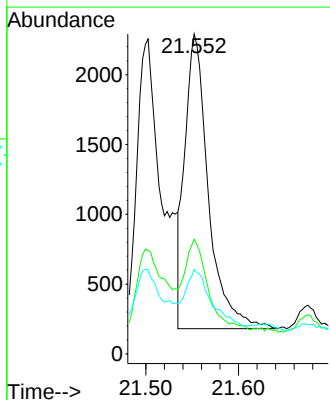
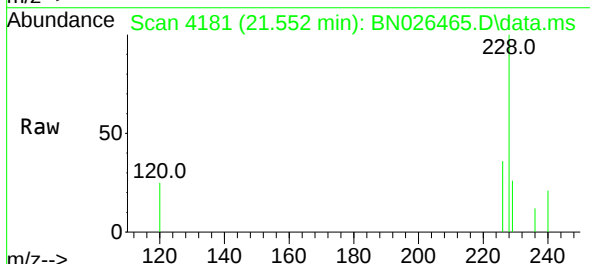
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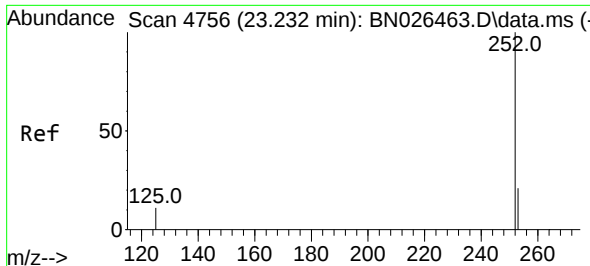
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#22
Chrysene
Concen: 0.113 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. -0.000 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

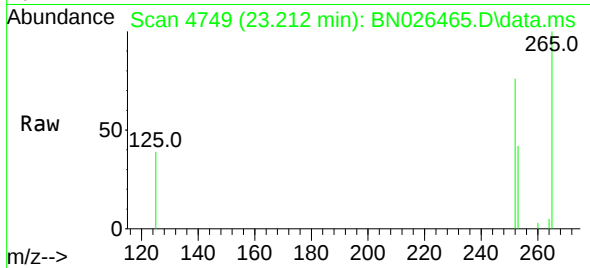
Tgt Ion:228 Resp: 3720
Ion Ratio Lower Upper
228 100
226 35.8 24.8 37.2
229 26.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.123 ng/ul m
RT: 23.212 min Scan# 4756
Delta R.T. -0.006 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

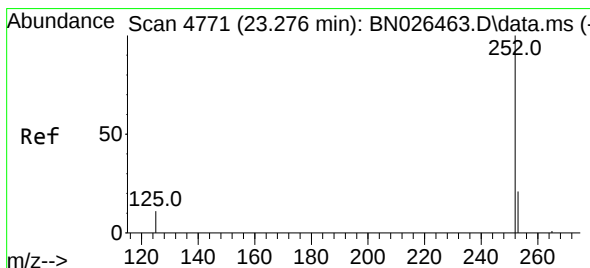
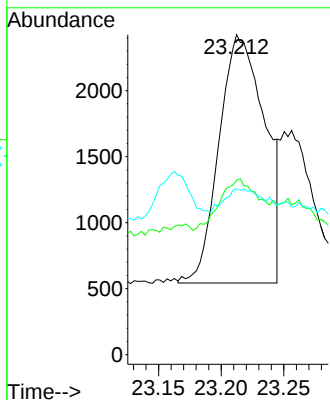
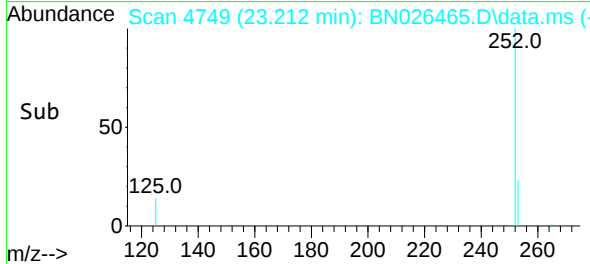
Instrument :
BNA_N
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A4640



Tgt Ion:252 Resp: 4790
Ion Ratio Lower Upper
252 100
253 54.5 0.0 55.6
125 51.8 0.0 35.8

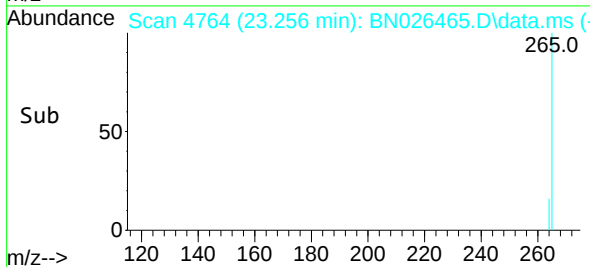
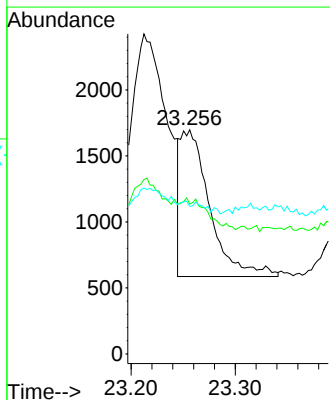
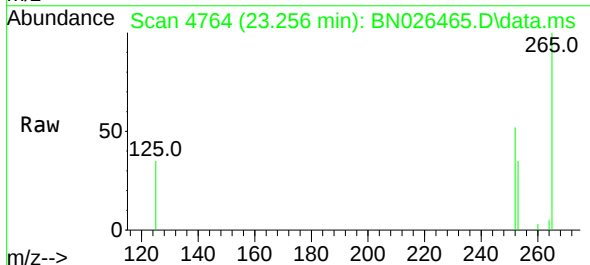
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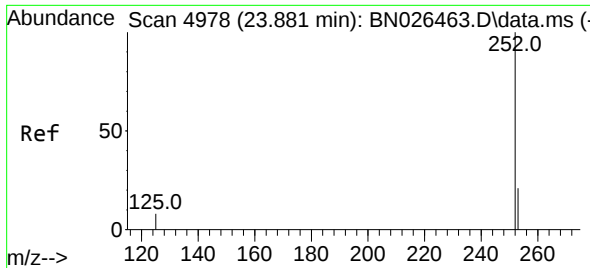
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#25
Benzo(k)fluoranthene
Concen: 0.056 ng/ul m
RT: 23.256 min Scan# 4764
Delta R.T. -0.006 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

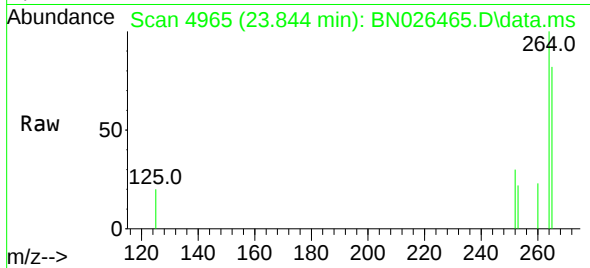
Tgt Ion:252 Resp: 2166
Ion Ratio Lower Upper
252 100
253 66.8 23.2 34.8#
125 65.9 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.064 ng/ul
RT: 23.844 min Scan# 4978
Delta R.T. -0.026 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

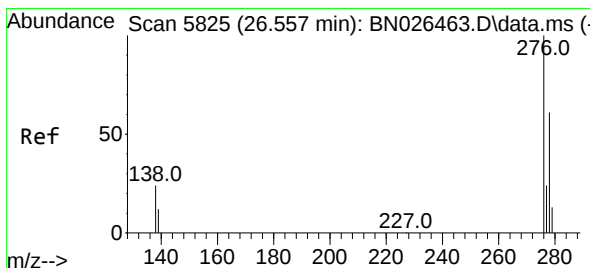
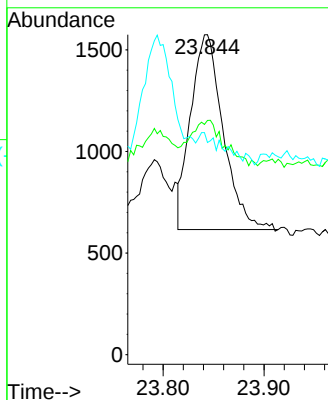
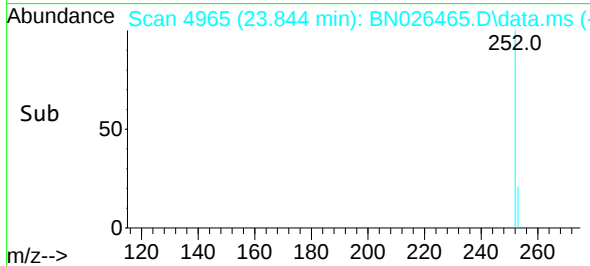
Instrument :
BNA_N
ClientSampleId :
A4640



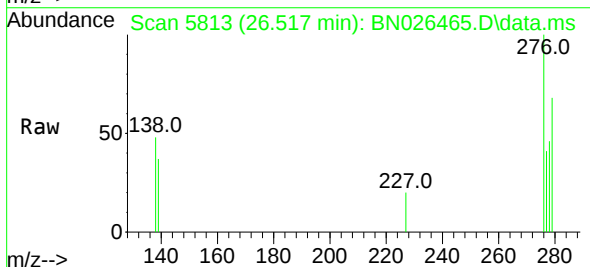
Tgt Ion:252 Resp: 2149
Ion Ratio Lower Upper
252 100
253 73.2 26.0 39.0#
125 66.3 17.3 25.9#

Manual Integrations
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Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.061 ng/ul
RT: 26.517 min Scan# 5813
Delta R.T. -0.024 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31



Tgt Ion:276 Resp: 2259
Ion Ratio Lower Upper
276 100
138 22.7 24.5 36.7#
227 0.9 0.0 0.0#

