

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026706.D
 Acq On : 24 Jul 2023 10:04
 Operator : MA/JU
 Sample : 03504-10DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 24 15:33:43 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 : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	3562	0.400	ng/ul	0.00
4) Naphthalene-d8	10.630	136	12152	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.462	164	7787	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	15146	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.419	240	10519	0.400	ng/ul	# 0.00
23) Perylene-d12	23.790	264	11990	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	512	0.109	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	468m	0.028	ng/ul	0.01
18) Fluoranthene-d10	19.250	212	992	0.027	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.257	178	7447	0.154	ng/ul	99
16) Anthracene	17.350	178	1137	0.027	ng/ul#	75
19) Fluoranthene	19.278	202	15562	0.316	ng/ul	96
20) Pyrene	19.640	202	10844	0.203	ng/ul	98
21) Benzo(a)anthracene	21.401	228	5686	0.147	ng/ul#	90
22) Chrysene	21.454	228	6018	0.137	ng/ul#	91
24) Benzo(b)fluoranthene	23.073	252	8307m	0.178	ng/ul	
25) Benzo(k)fluoranthene	23.108	252	3714m	0.076	ng/ul	
26) Benzo(a)pyrene	23.687	252	1597	0.038	ng/ul#	27
27) Indeno(1,2,3-cd)pyrene	26.247	276	3367	0.062	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.253	278	1129	0.027	ng/ul#	1

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

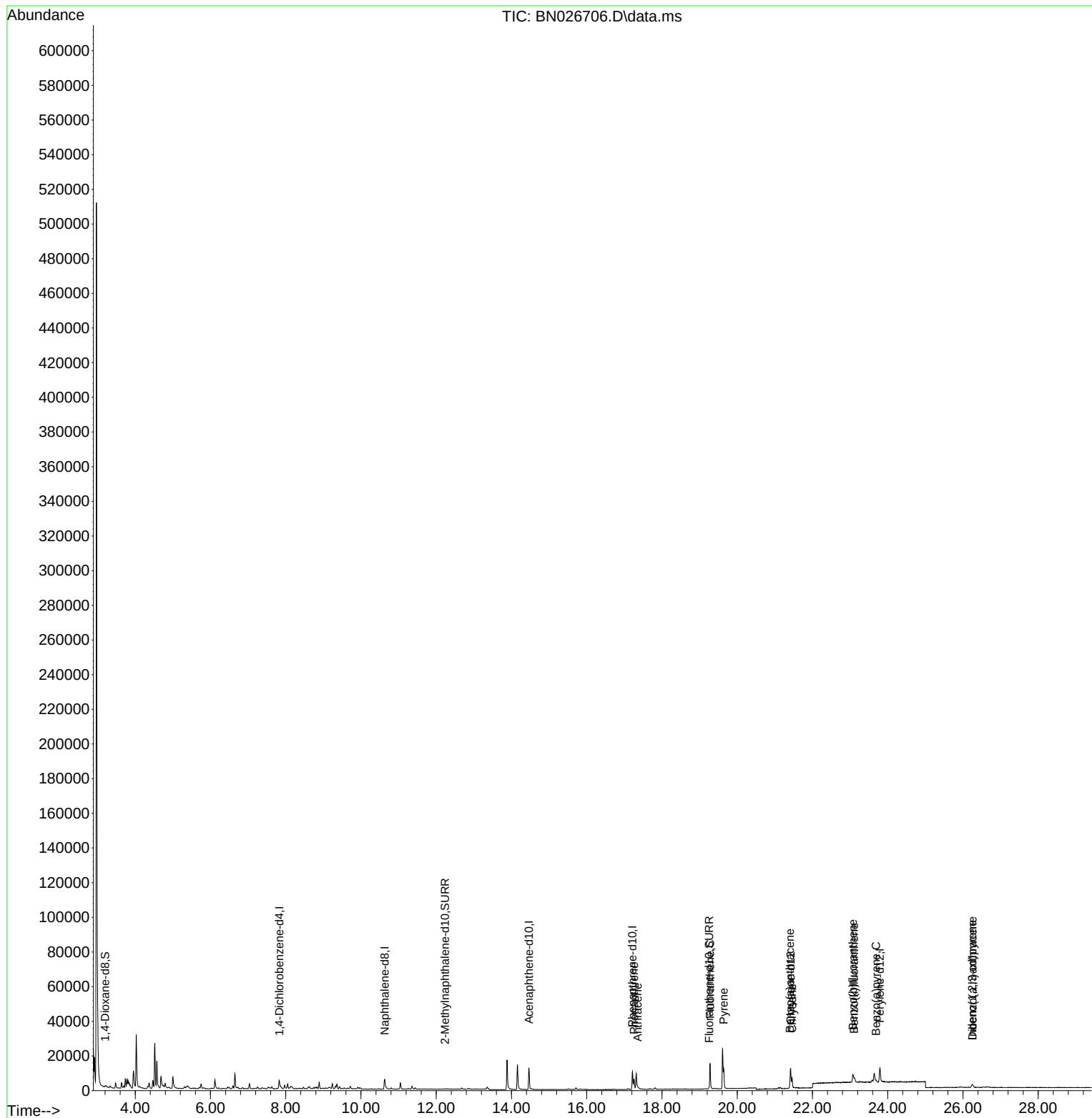
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026706.D
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Misc :
ALS Vial : 41 Sample Multiplier: 1

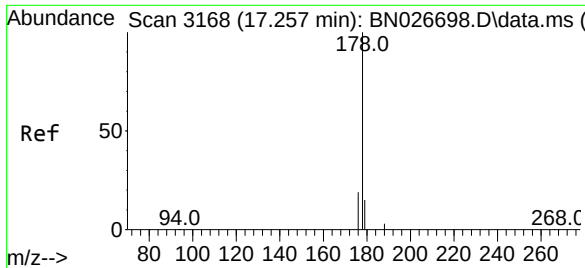
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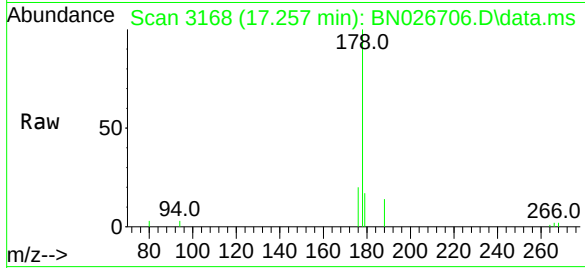
Quant Time: Jul 24 15:33:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.154 ng/u1
RT: 17.257 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BN026706.D
Acq: 24 Jul 2023 10:04

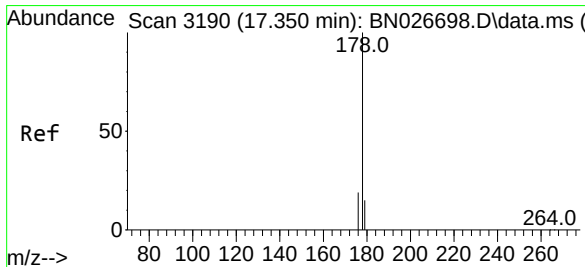
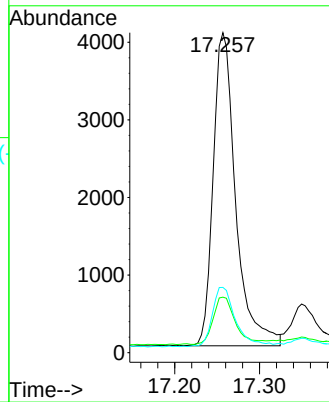
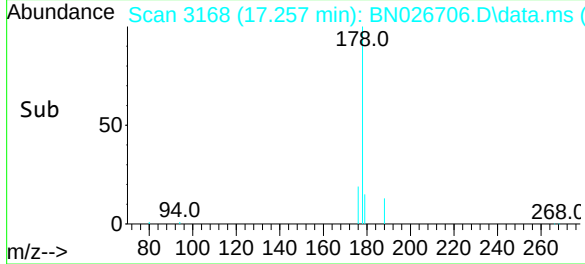
Instrument :
BNA_N
ClientSampleId :
A46W8DL



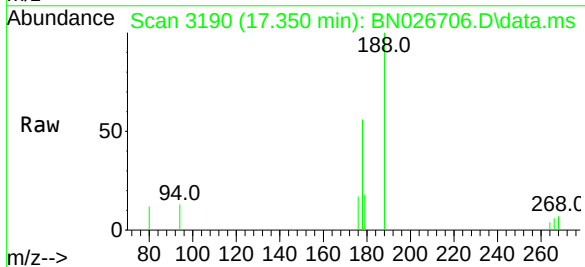
Tgt Ion:178 Resp: 744
Ion Ratio Lower Upper
178 100
179 17.4 13.7 20.5
176 20.4 16.5 24.7

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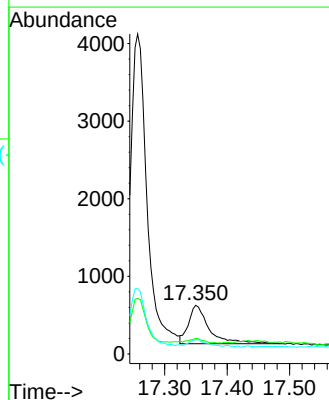
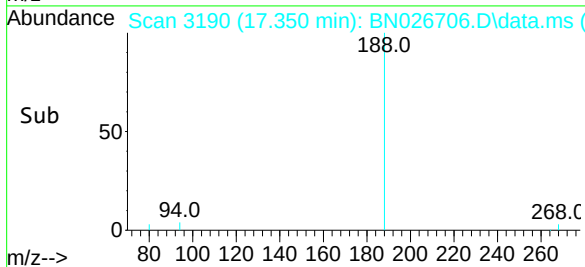
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

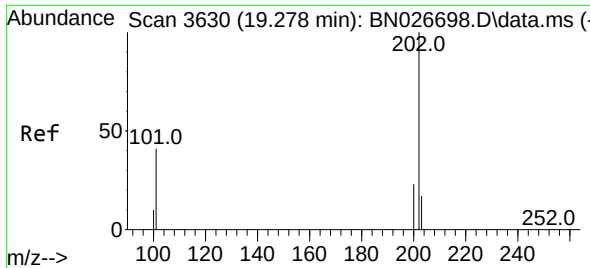


#16
Anthracene
Concen: 0.027 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BN026706.D
Acq: 24 Jul 2023 10:04



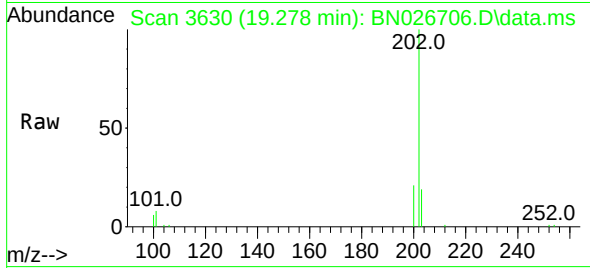
Tgt Ion:178 Resp: 1137
Ion Ratio Lower Upper
178 100
179 32.2 14.8 22.2#
176 29.7 16.6 25.0#





#19
Fluoranthene
Concen: 0.316 ng/u1
RT: 19.278 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN026706.D
Acq: 24 Jul 2023 10:04

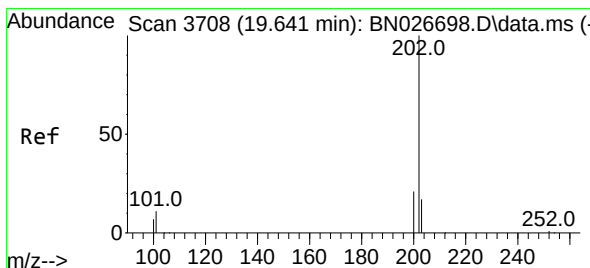
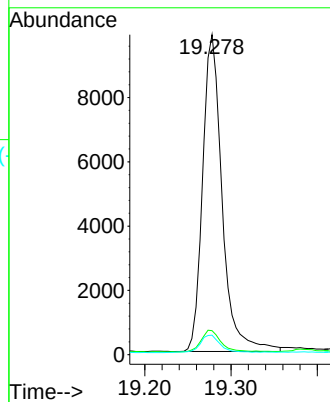
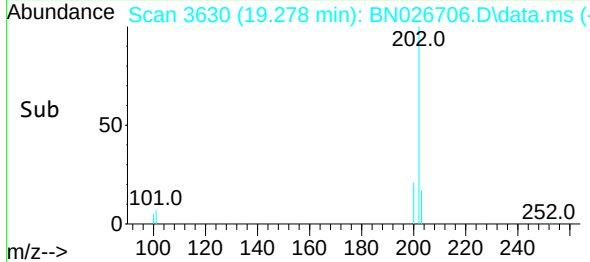
Instrument :
BNA_N
ClientSampleId :
A46W8DL



Tgt Ion:202 Resp: 1556
Ion Ratio Lower Upper
202 100
101 7.5 7.0 10.4
100 6.1 6.0 9.0

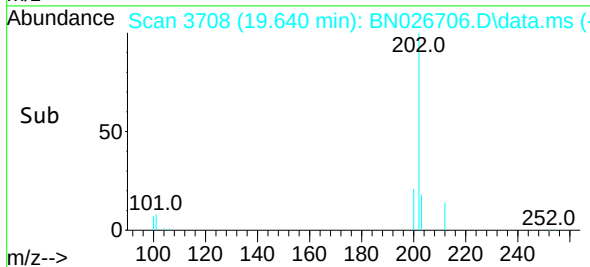
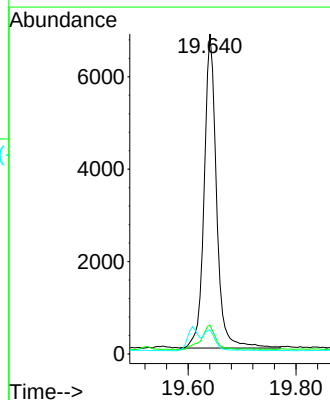
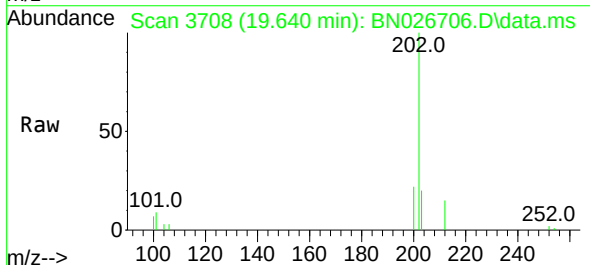
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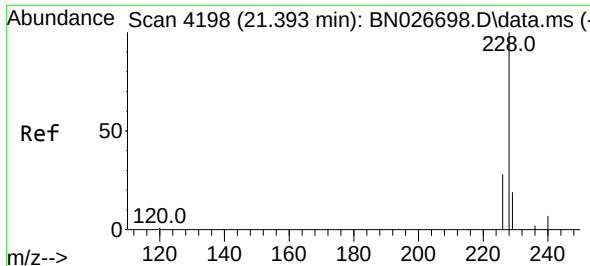
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 0.203 ng/u1
RT: 19.640 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026706.D
Acq: 24 Jul 2023 10:04

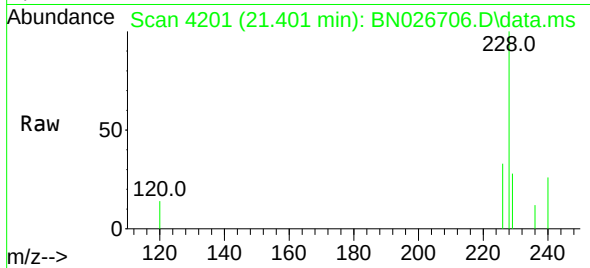
Tgt Ion:202 Resp: 10844
Ion Ratio Lower Upper
202 100
101 9.0 8.0 12.0
100 7.4 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.147 ng/ul
RT: 21.401 min Scan# 4198
Delta R.T. -0.000 min
Lab File: BN026706.D
Acq: 24 Jul 2023 10:04

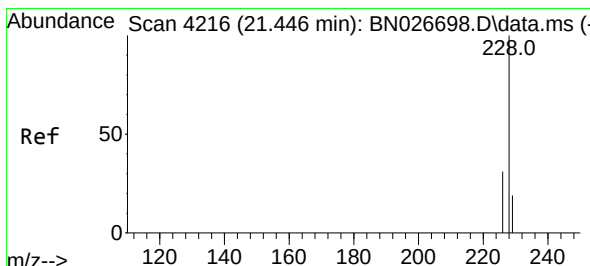
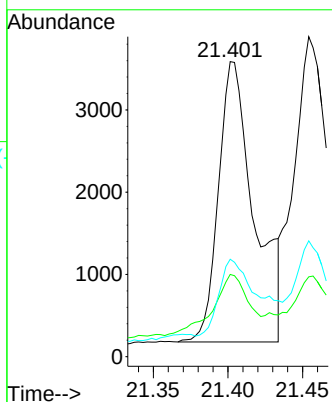
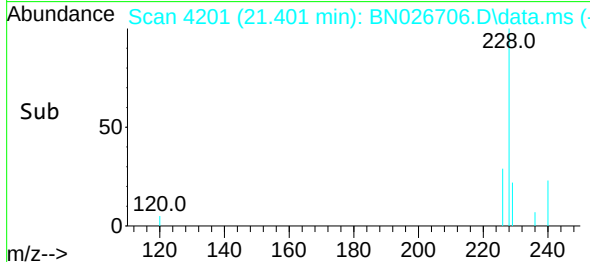
Instrument :
BNA_N
ClientSampleId :
A46W8DL



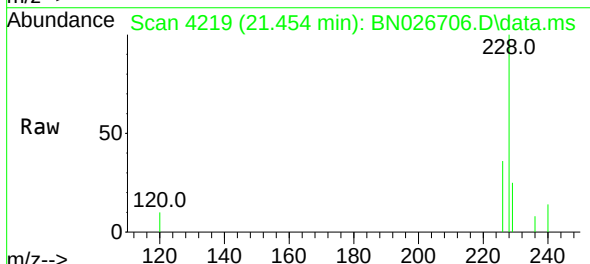
Tgt Ion:228 Resp: 5680
Ion Ratio Lower Upper
228 100
229 27.8 16.7 25.1
226 33.0 23.5 35.3

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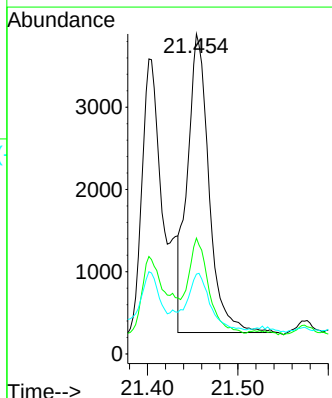
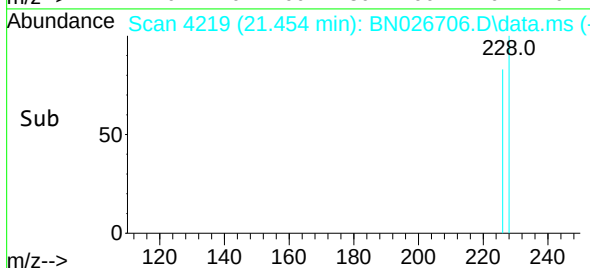
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

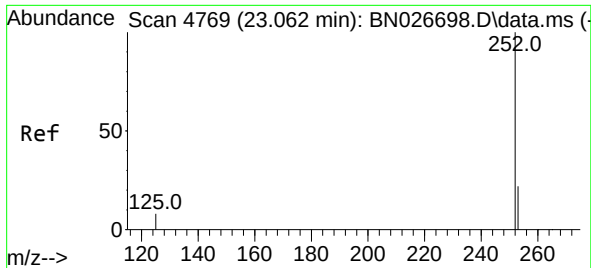


#22
Chrysene
Concen: 0.137 ng/ul
RT: 21.454 min Scan# 4219
Delta R.T. -0.000 min
Lab File: BN026706.D
Acq: 24 Jul 2023 10:04



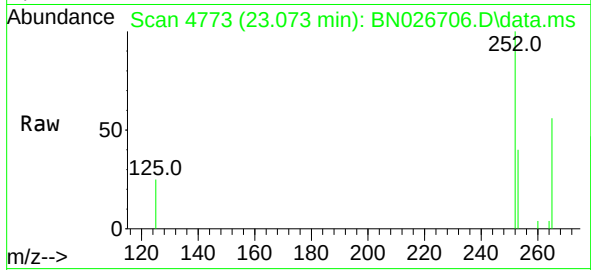
Tgt Ion:228 Resp: 6018
Ion Ratio Lower Upper
228 100
226 36.2 25.2 37.8
229 25.0 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.178 ng/ul m
RT: 23.073 min Scan# 4773
Delta R.T. 0.005 min
Lab File: BN026706.D
Acq: 24 Jul 2023 10:04

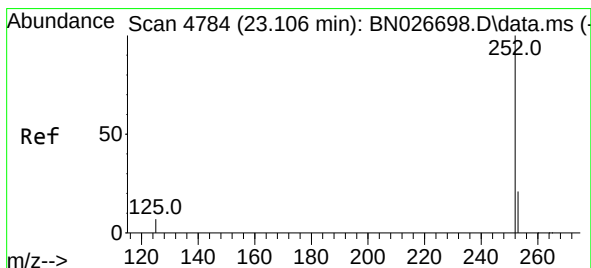
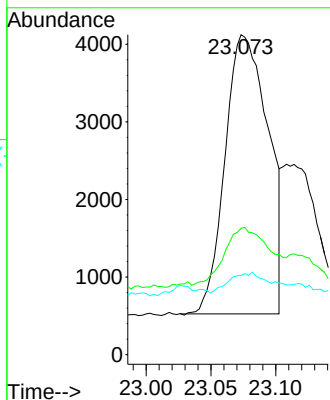
Instrument :
BNA_N
ClientSampleId :
A46W8DL



Tgt Ion:252 Resp: 830
Ion Ratio Lower Upper
252 100
253 39.5 0.0 68.6
125 24.8 0.0 34.0

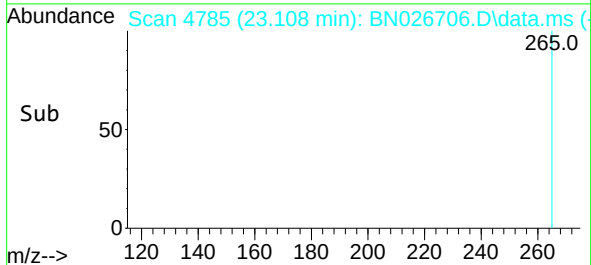
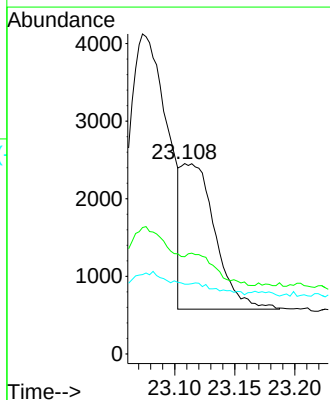
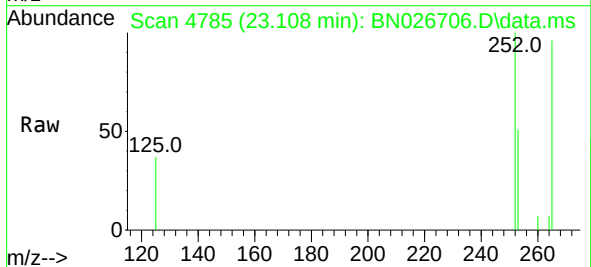
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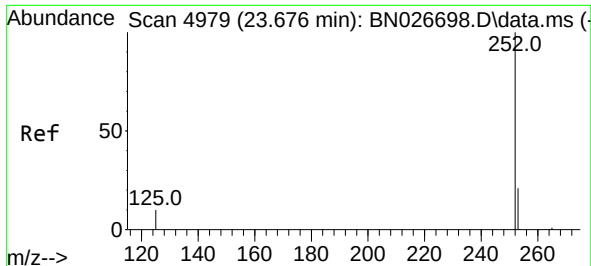
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.076 ng/ul m
RT: 23.108 min Scan# 4785
Delta R.T. -0.006 min
Lab File: BN026706.D
Acq: 24 Jul 2023 10:04

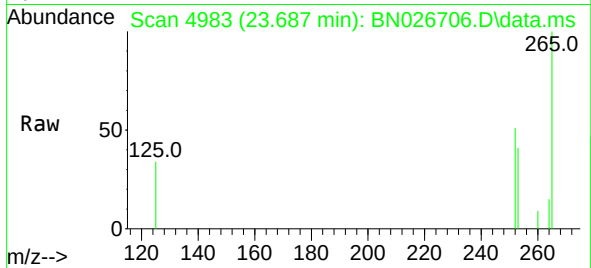
Tgt Ion:252 Resp: 3714
Ion Ratio Lower Upper
252 100
253 51.1 27.2 40.8#
125 36.6 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.038 ng/ul
RT: 23.687 min Scan# 4983
Delta R.T. 0.003 min
Lab File: BN026706.D
Acq: 24 Jul 2023 10:04

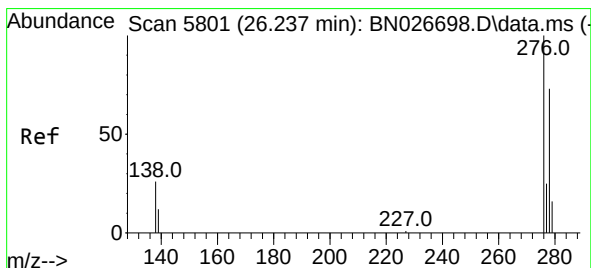
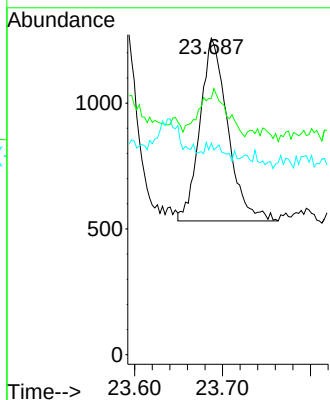
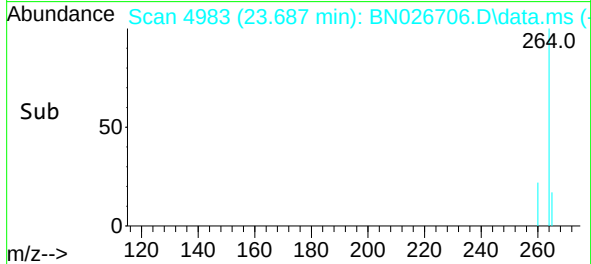
Instrument :
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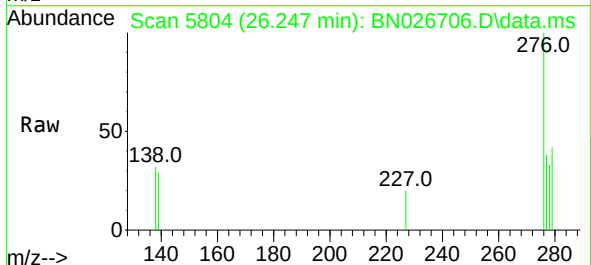
Tgt Ion:252 Resp: 1597
Ion Ratio Lower Upper
252 100
253 81.0 32.6 49.0#
125 66.8 19.3 28.9#

Manual Integrations
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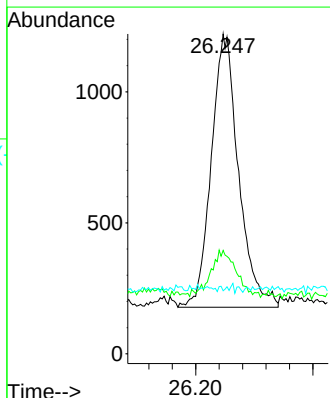
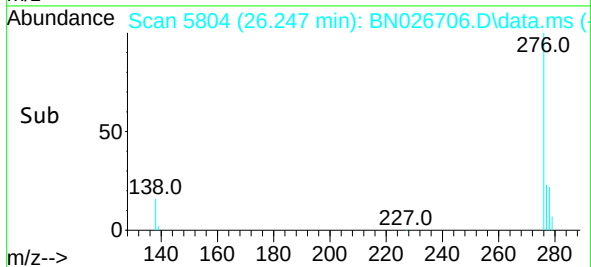
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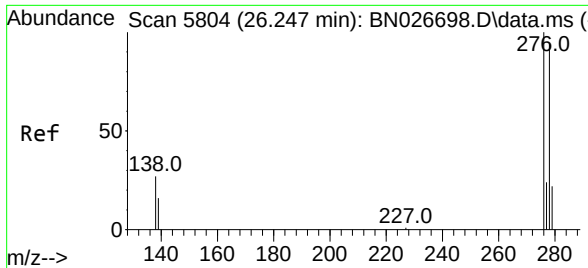


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.062 ng/ul
RT: 26.247 min Scan# 5804
Delta R.T. -0.004 min
Lab File: BN026706.D
Acq: 24 Jul 2023 10:04



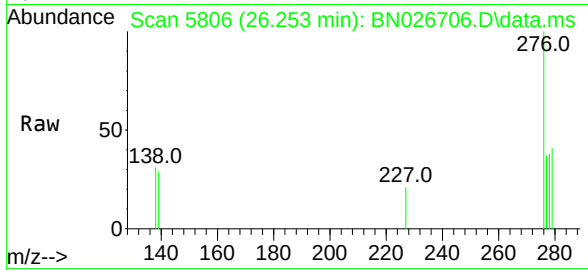
Tgt Ion:276 Resp: 3367
Ion Ratio Lower Upper
276 100
138 15.9 22.2 33.4#
227 0.3 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.027 ng/ul
 RT: 26.253 min Scan# 5806
 Delta R.T. -0.004 min
 Lab File: BN026706.D
 Acq: 24 Jul 2023 10:04

Instrument :
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Tgt Ion: 278 Resp: 1129

Ion	Ratio	Lower	Upper
278	100		
139	78.1	18.9	28.3
279	107.5	31.3	46.9

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