

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026704.D
 Acq On : 24 Jul 2023 08:51
 Operator : MA/JU
 Sample : 03504-07DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W4DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 09:26:28 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	7.827	152	2555	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	8852	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.462	164	5512	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	12324	0.400	ng/ul	0.00
17) Chrysene-d12	21.413	240	8595	0.400	ng/ul #	0.00
23) Perylene-d12	23.784	264	9868	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	884	0.263	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	632	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	1516	0.051	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	9863	0.406	ng/ul	99
7) 2-Methylnaphthalene	12.296	142	3079	0.223	ng/ul	99
8) 1-Methylnaphthalene	12.511	142	2672	0.181	ng/ul	99
10) Acenaphthylene	14.185	152	3693	0.137	ng/ul#	94
11) Acenaphthene	14.527	153	16249	0.790	ng/ul	98
12) Fluorene	15.512	166	16832	0.780	ng/ul	100
15) Phenanthrene	17.253	178	273073	6.957	ng/ul	97
16) Anthracene	17.346	178	39289	1.154	ng/ul	97
19) Fluoranthene	19.273	202	338374	8.399	ng/ul#	93
20) Pyrene	19.636	202	178105	4.071	ng/ul	96
21) Benzo(a)anthracene	21.396	228	118259	3.744	ng/ul	98
22) Chrysene	21.448	228	115628	3.216	ng/ul	99
24) Benzo(b)fluoranthene	23.065	252	132201m	3.439	ng/ul	
25) Benzo(k)fluoranthene	23.108	252	57276m	1.421	ng/ul	
26) Benzo(a)pyrene	23.682	252	29134	0.851	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.237	276	35568	0.793	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.237	278	16448	0.478	ng/ul	96
29) Benzo(g,h,i)perylene	26.999	276	2035	0.051	ng/ul#	49

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

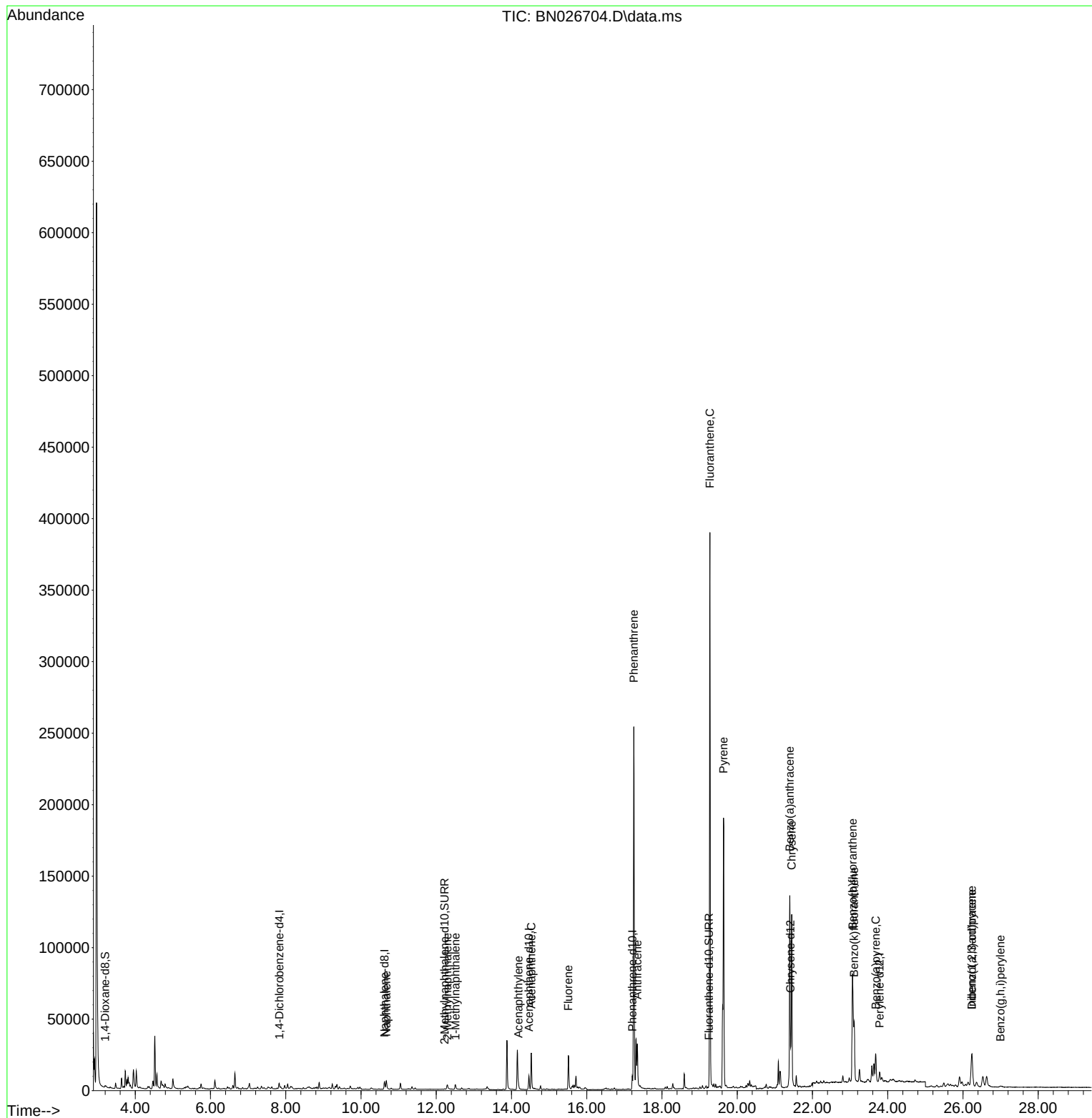
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026704.D
Acq On : 24 Jul 2023 08:51
Operator : MA/JU
Sample : 03504-07DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

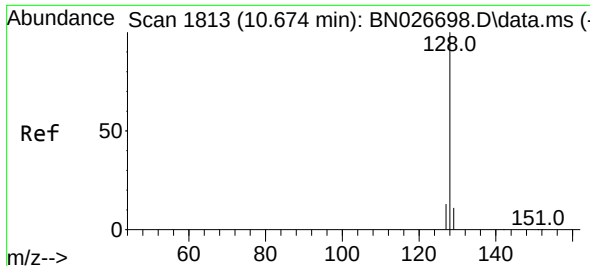
Instrument :
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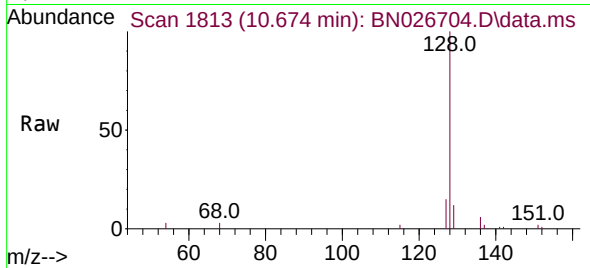
Quant Time: Jul 24 09:26:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51

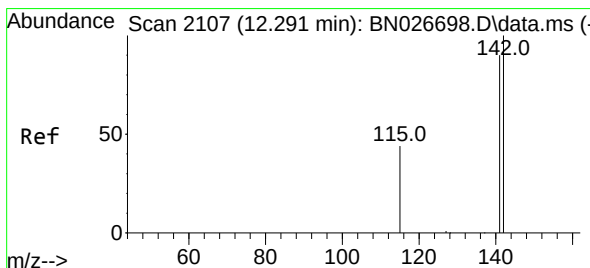
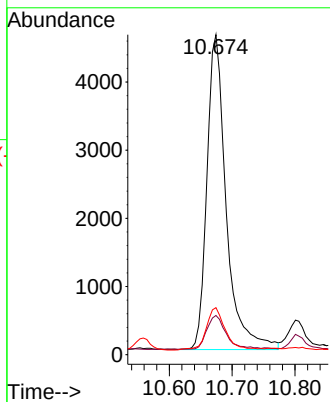
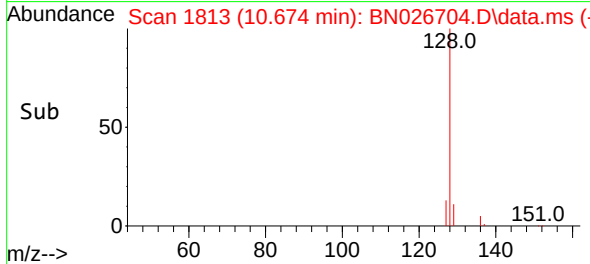
Instrument :
BNA_N
ClientSampleId :
A46W4DL



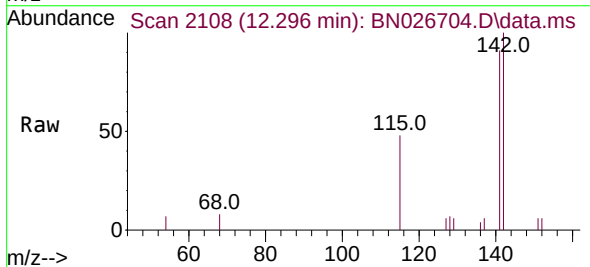
Tgt Ion:128 Resp: 986
Ion Ratio Lower Upper
128 100
129 12.2 10.2 15.2
127 14.7 11.4 17.0

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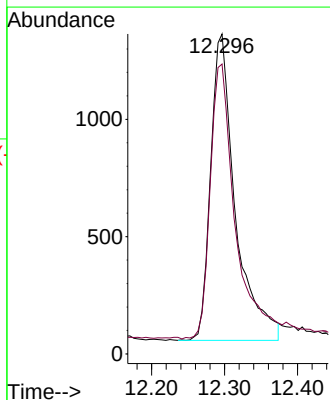
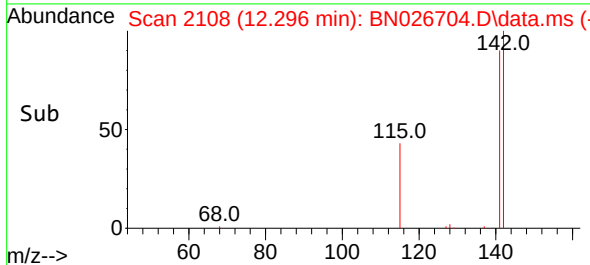
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

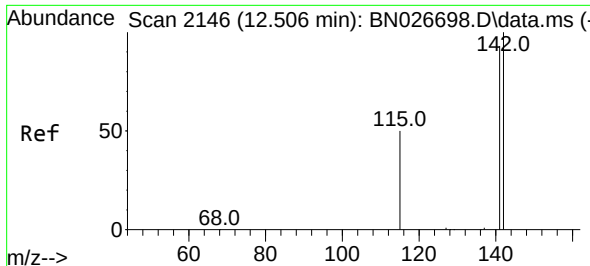


#7
2-Methylnaphthalene
Concen: 0.223 ng/ul
RT: 12.296 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51



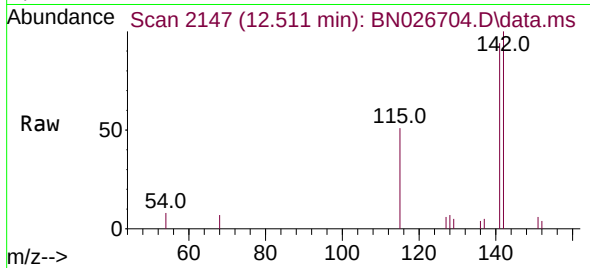
Tgt Ion:142 Resp: 3079
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.181 ng/ul
RT: 12.511 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51

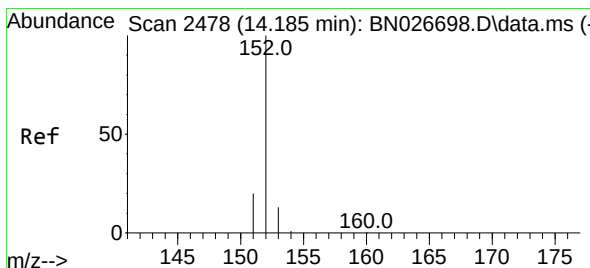
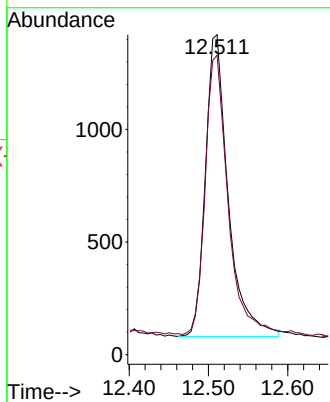
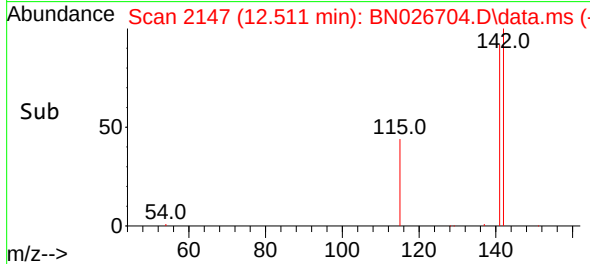
Instrument :
BNA_N
ClientSampleId :
A46W4DL



Tgt Ion:142 Resp: 2672
Ion Ratio Lower Upper
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141 92.4 74.5 111.7

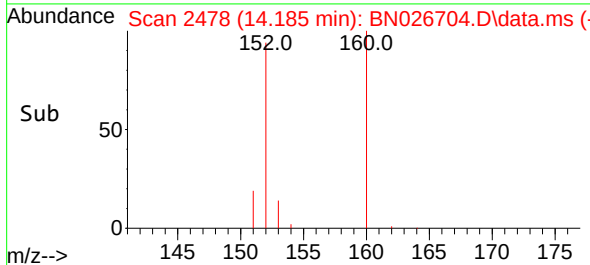
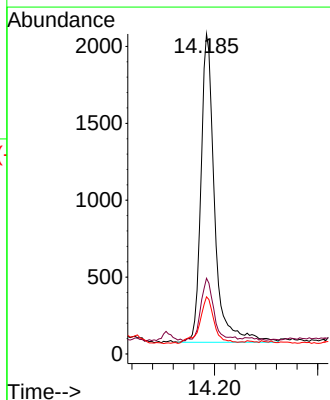
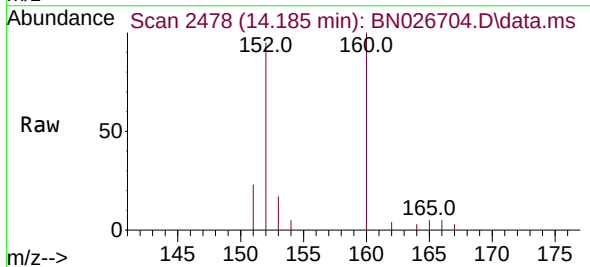
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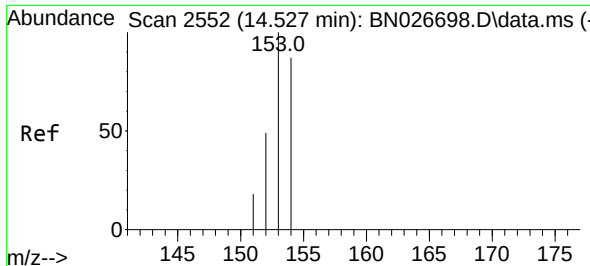
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.137 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51

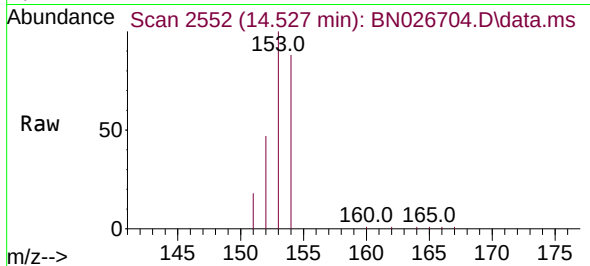
Tgt Ion:152 Resp: 3693
Ion Ratio Lower Upper
152 100
151 23.6 17.0 25.6
153 17.9 11.4 17.2#





#11
Acenaphthene
Concen: 0.790 ng/ul
RT: 14.527 min Scan# 215
Delta R.T. -0.000 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51

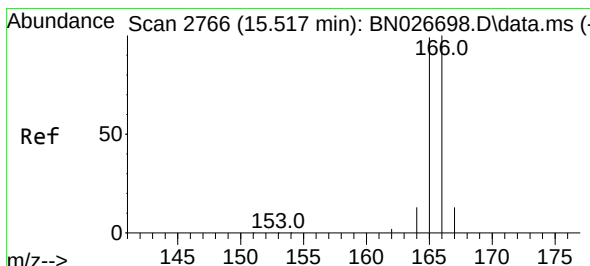
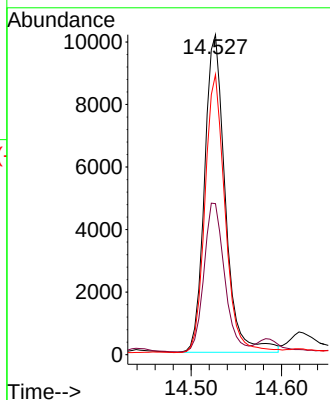
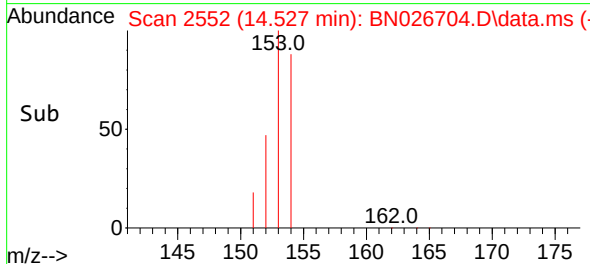
Instrument :
BNA_N
ClientSampleId :
A46W4DL



Tgt Ion:153 Resp: 16249
Ion Ratio Lower Upper
153 100
152 47.2 40.2 60.4
154 87.6 69.3 103.9

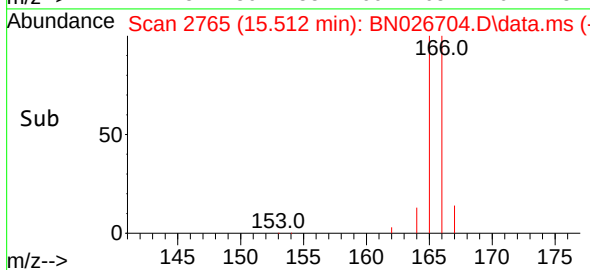
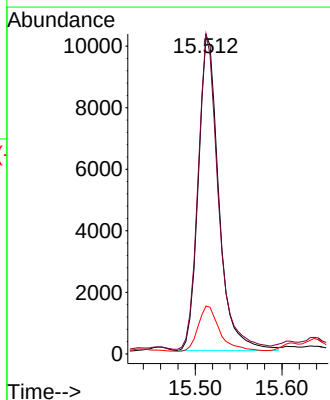
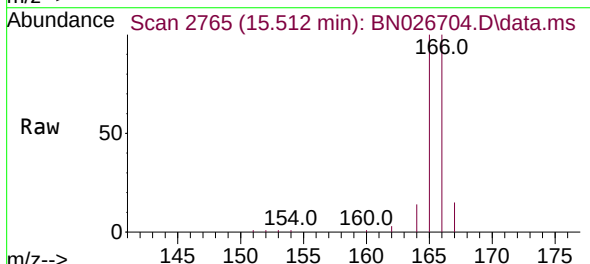
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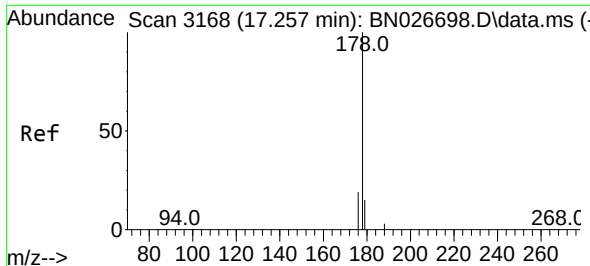
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.780 ng/ul
RT: 15.512 min Scan# 2765
Delta R.T. -0.005 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51

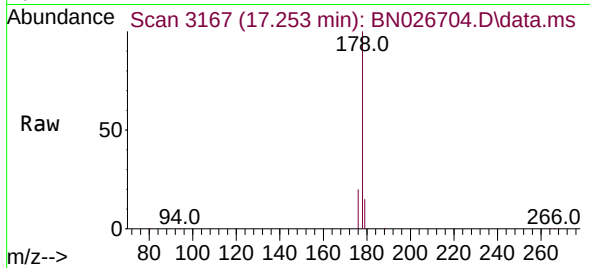
Tgt Ion:166 Resp: 16832
Ion Ratio Lower Upper
166 100
165 100.3 80.6 120.8
167 15.0 12.0 18.0





#15
Phenanthrene
Concen: 6.957 ng/u1
RT: 17.253 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51

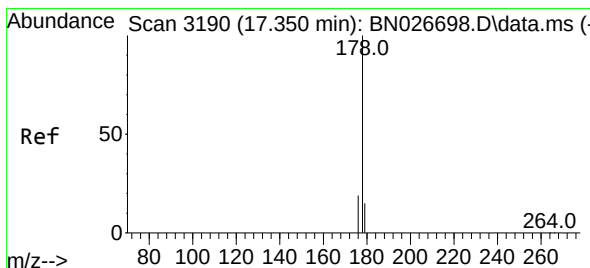
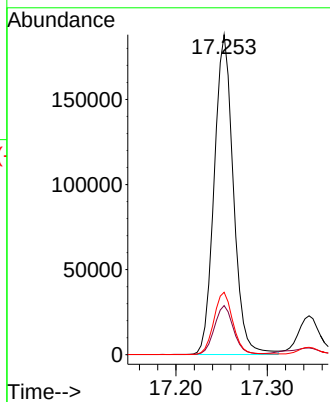
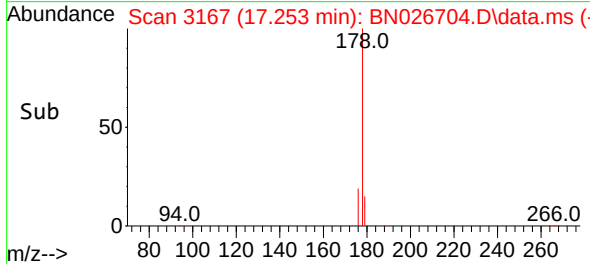
Instrument :
BNA_N
ClientSampleId :
A46W4DL



Tgt Ion:178 Resp: 27307
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.5 16.5 24.7

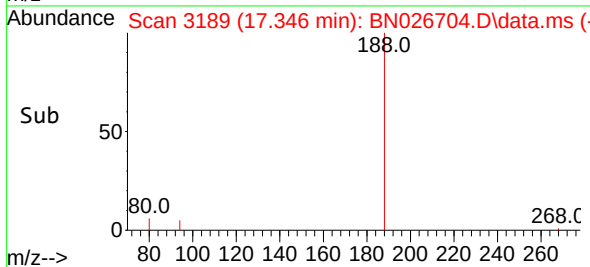
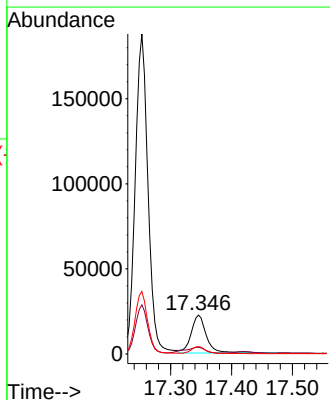
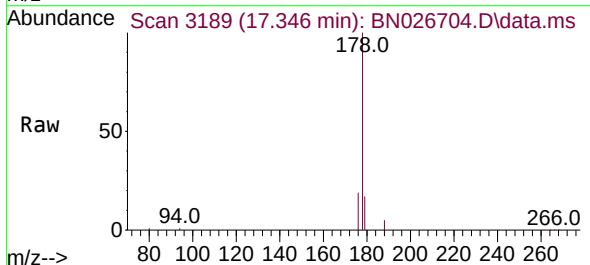
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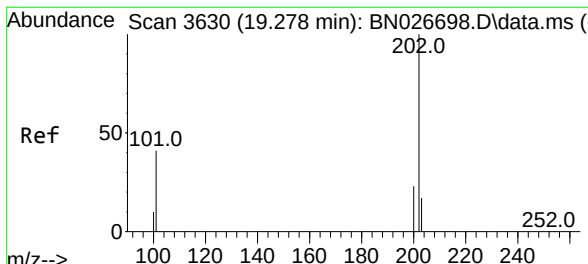
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 1.154 ng/u1
RT: 17.346 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51

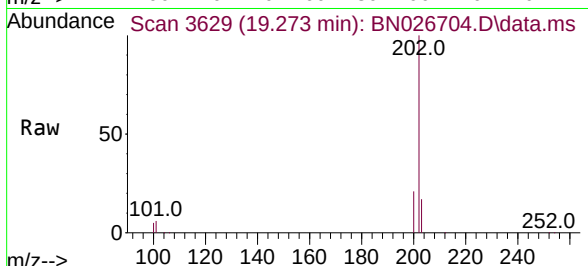
Tgt Ion:178 Resp: 39289
Ion Ratio Lower Upper
178 100
179 17.4 14.8 22.2
176 19.1 16.6 25.0





#19
 Fluoranthene
 Concen: 8.399 ng/ul
 RT: 19.273 min Scan# 3629
 Delta R.T. -0.005 min
 Lab File: BN026704.D
 Acq: 24 Jul 2023 08:51

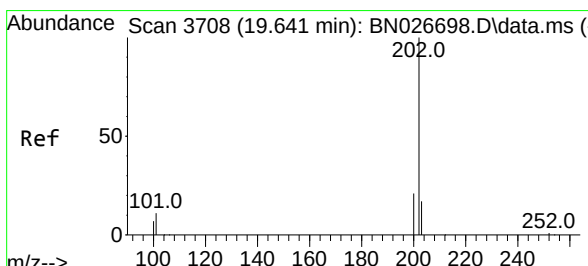
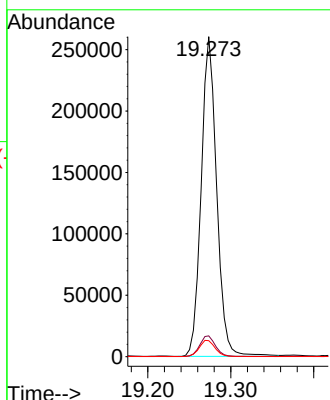
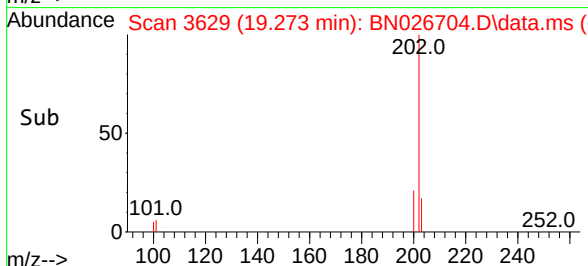
Instrument :
 BNA_N
 ClientSampleId :
 A46W4DL



Tgt Ion:202 Resp: 338374
 Ion Ratio Lower Upper
 202 100
 101 6.5 7.0 10.4
 100 5.0 6.0 9.0

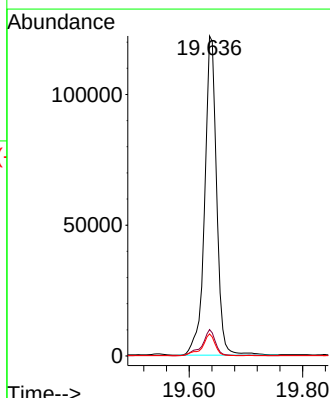
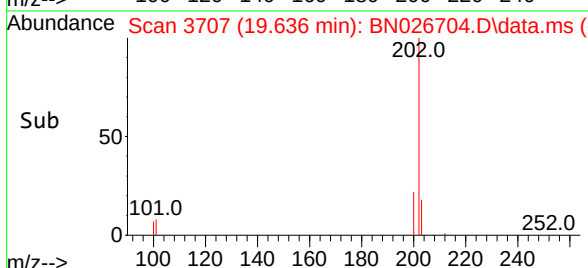
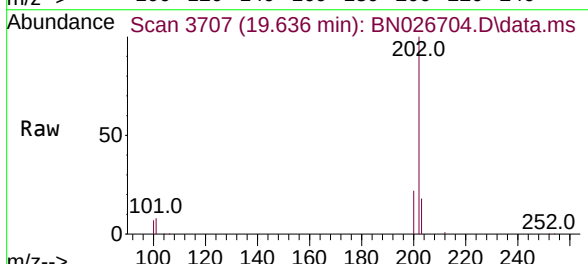
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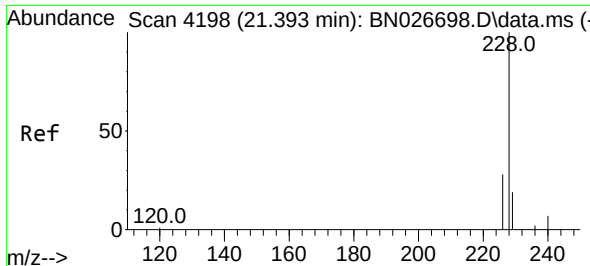
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#20
 Pyrene
 Concen: 4.071 ng/ul
 RT: 19.636 min Scan# 3707
 Delta R.T. -0.010 min
 Lab File: BN026704.D
 Acq: 24 Jul 2023 08:51

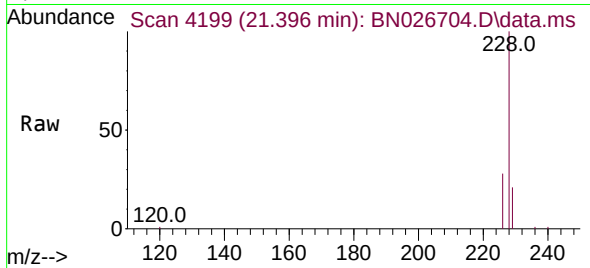
Tgt Ion:202 Resp: 178105
 Ion Ratio Lower Upper
 202 100
 101 8.2 8.0 12.0
 100 6.9 6.2 9.2





#21
Benzo(a)anthracene
Concen: 3.744 ng/ul
RT: 21.396 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51

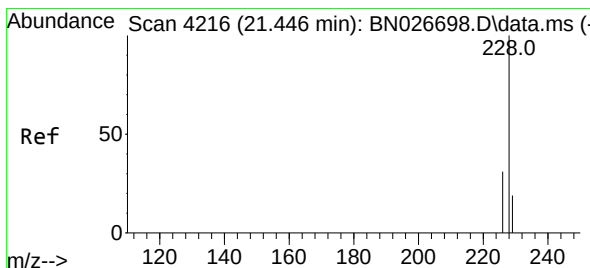
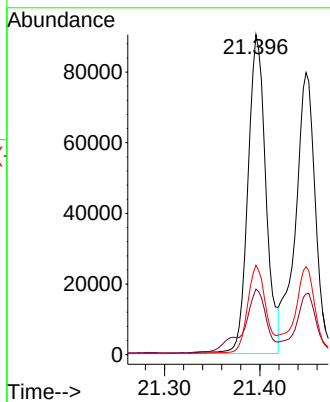
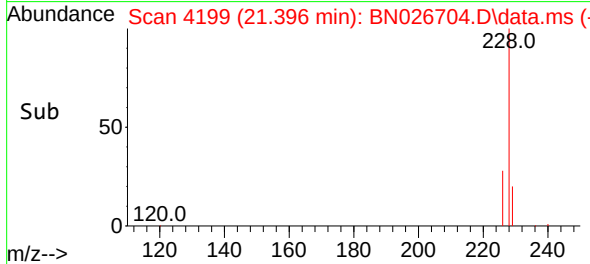
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 118259
Ion Ratio Lower Upper
228 100
229 20.5 16.7 25.1
226 27.9 23.5 35.3

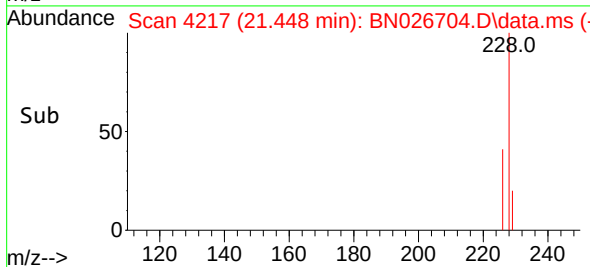
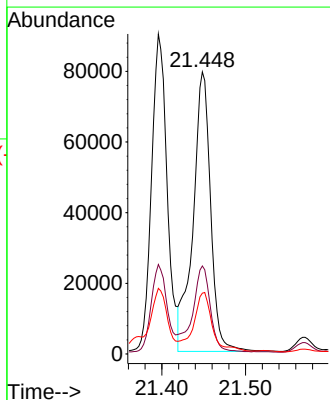
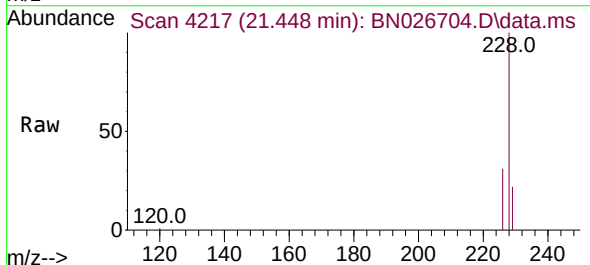
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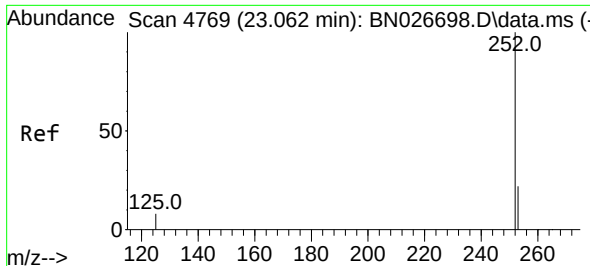
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 3.216 ng/ul
RT: 21.448 min Scan# 4217
Delta R.T. -0.006 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51

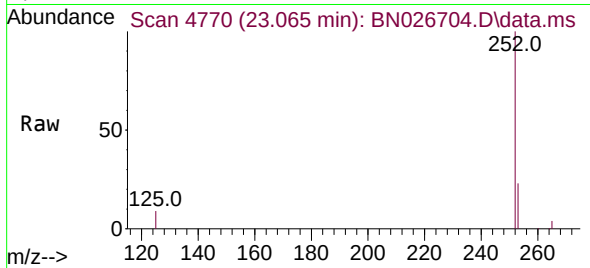
Tgt Ion:228 Resp: 115628
Ion Ratio Lower Upper
228 100
226 31.2 25.2 37.8
229 21.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 3.439 ng/ul m
RT: 23.065 min Scan# 4770
Delta R.T. -0.003 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51

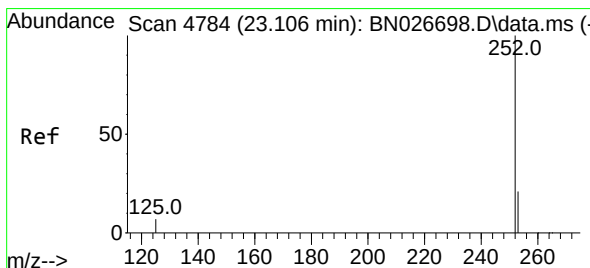
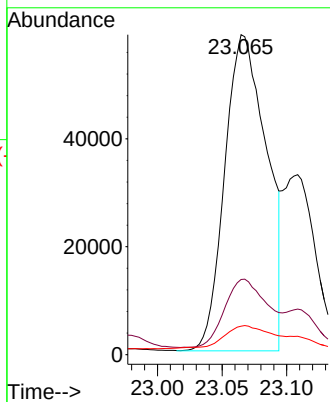
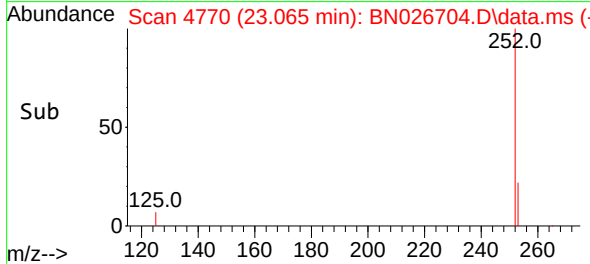
Instrument :
BNA_N
ClientSampleId :
A46W4DL



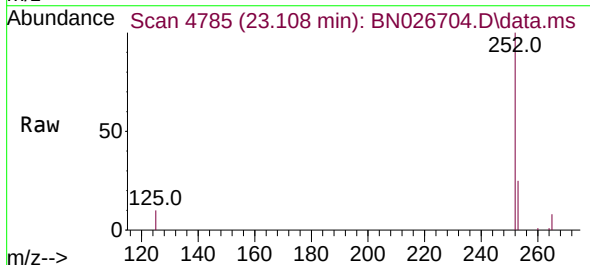
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Ion Ratio Lower Upper
252 100
253 23.5 0.0 68.6
125 8.9 0.0 34.0

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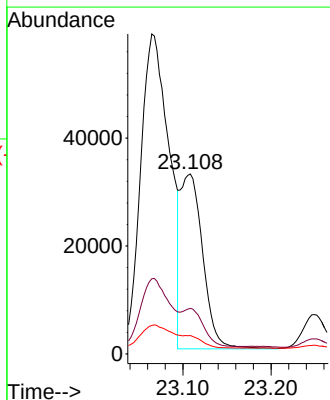
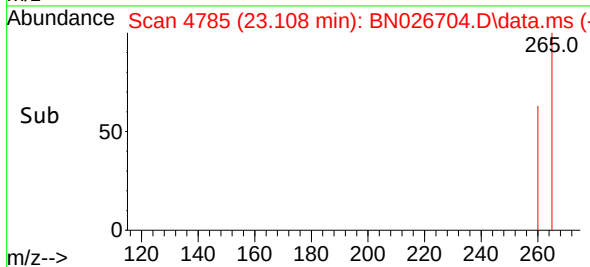
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

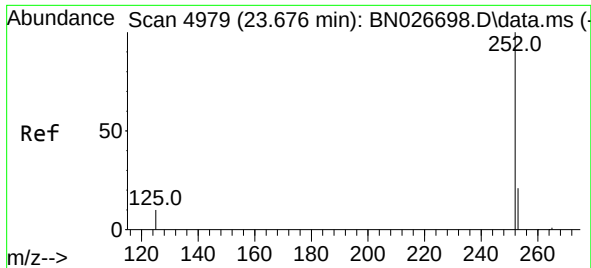


#25
Benzo(k)fluoranthene
Concen: 1.421 ng/ul m
RT: 23.108 min Scan# 4785
Delta R.T. -0.006 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51



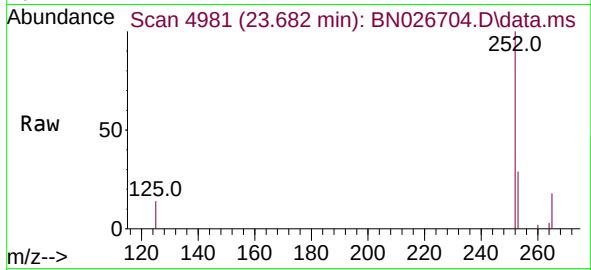
Tgt Ion:252 Resp: 57276
Ion Ratio Lower Upper
252 100
253 25.3 27.2 40.8#
125 10.2 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.851 ng/ul
RT: 23.682 min Scan# 4981
Delta R.T. -0.003 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51

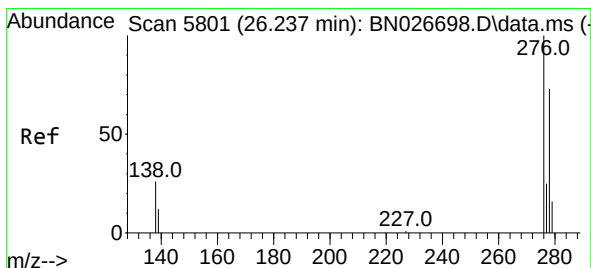
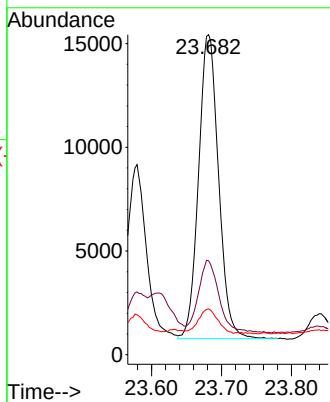
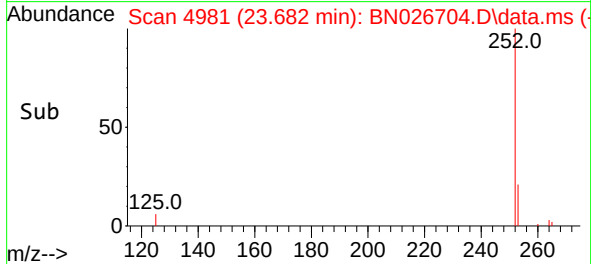
Instrument :
BNA_N
ClientSampleId :
A46W4DL



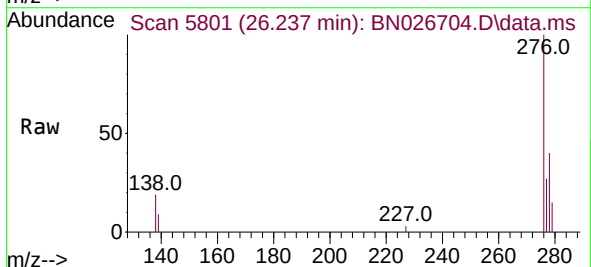
Tgt Ion:252 Resp: 29134
Ion Ratio Lower Upper
252 100
253 29.4 32.6 49.0#
125 14.3 19.3 28.9#

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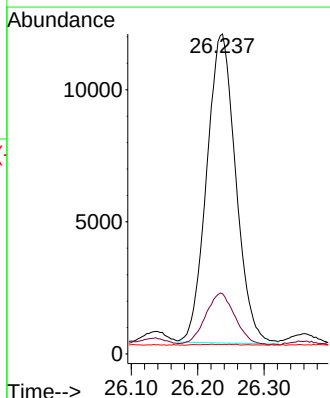
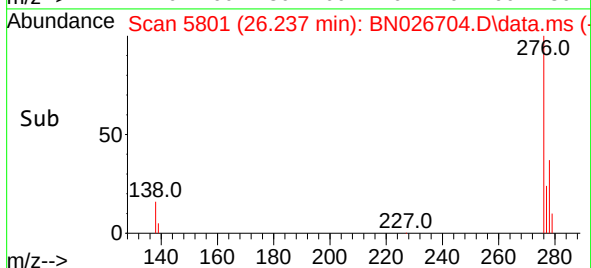
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

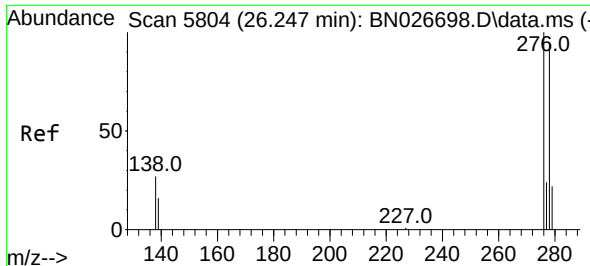


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.793 ng/ul
RT: 26.237 min Scan# 5801
Delta R.T. -0.014 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51



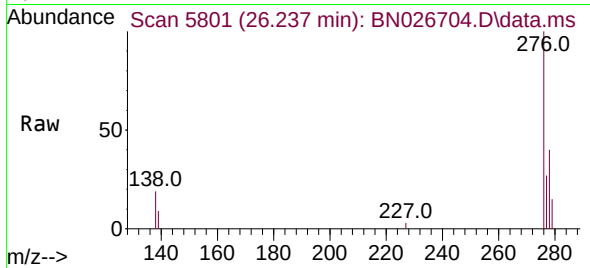
Tgt Ion:276 Resp: 35568
Ion Ratio Lower Upper
276 100
138 16.9 22.2 33.4#
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.478 ng/ul
RT: 26.237 min Scan# 5801
Delta R.T. -0.020 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51

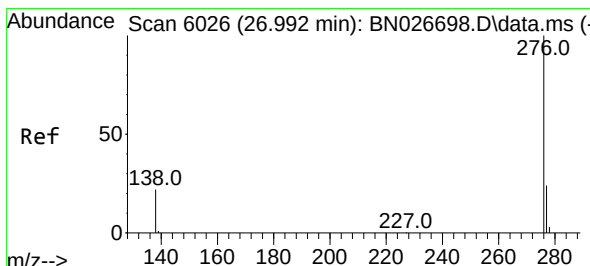
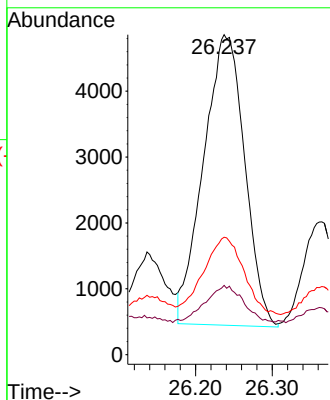
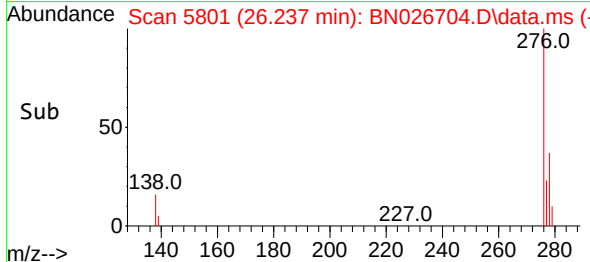
Instrument :
BNA_N
ClientSampleId :
A46W4DL



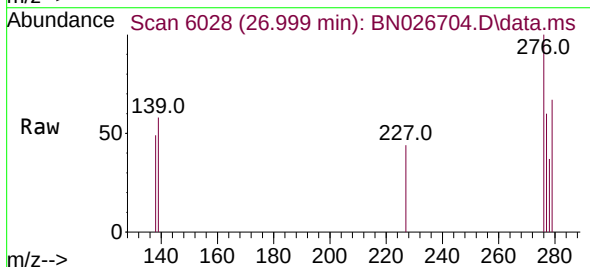
Tgt Ion:278 Resp: 1644
Ion Ratio Lower Upper
278 100
139 21.6 18.9 28.3
279 36.7 31.3 46.9

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.051 ng/ul
RT: 26.999 min Scan# 6028
Delta R.T. -0.004 min
Lab File: BN026704.D
Acq: 24 Jul 2023 08:51



Tgt Ion:276 Resp: 2035
Ion Ratio Lower Upper
276 100
138 48.8 22.6 34.0#
277 60.3 21.8 32.8#

