

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026528.D
 Acq On : 17 Jul 2023 09:43
 Operator : MA/JU
 Sample : 03418-08DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46F0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :Sohil Jodhani 07/17/2023

Quant Time: Jul 17 18:03:00 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 17 17:14:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	1945	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	5358	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.579	164	3582	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	8018	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	8461	0.400	ng/ul #	0.00
23) Perylene-d12	23.932	264	7935	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	957	0.374	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	160	0.022	ng/ul	0.02
18) Fluoranthene-d10	19.354	212	577	0.020	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	1743	0.118	ng/ul#	84
7) 2-Methylnaphthalene	12.436	142	211	0.025	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	193	0.022	ng/ul	94
11) Acenaphthene	14.644	153	608	0.045	ng/ul	95
12) Fluorene	15.634	166	679	0.048	ng/ul#	94
15) Phenanthrene	17.368	178	9813	0.384	ng/ul	100
16) Anthracene	17.461	178	1375	0.062	ng/ul#	76
19) Fluoranthene	19.387	202	16232	0.409	ng/ul#	93
20) Pyrene	19.744	202	14994	0.348	ng/ul#	96
21) Benzo(a)anthracene	21.503	228	6647m	0.214	ng/ul	
22) Chrysene	21.555	228	6325	0.179	ng/ul#	94
24) Benzo(b)fluoranthene	23.201	252	7464m	0.241	ng/ul	
25) Benzo(k)fluoranthene	23.242	252	2134m	0.066	ng/ul	
26) Benzo(a)pyrene	23.823	252	3019	0.110	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.450	276	3149	0.087	ng/ul#	75
28) Dibenzo(a,h)anthracene	26.457	278	750	0.027	ng/ul#	1
29) Benzo(g,h,i)perylene	27.232	276	3199	0.100	ng/ul#	91

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

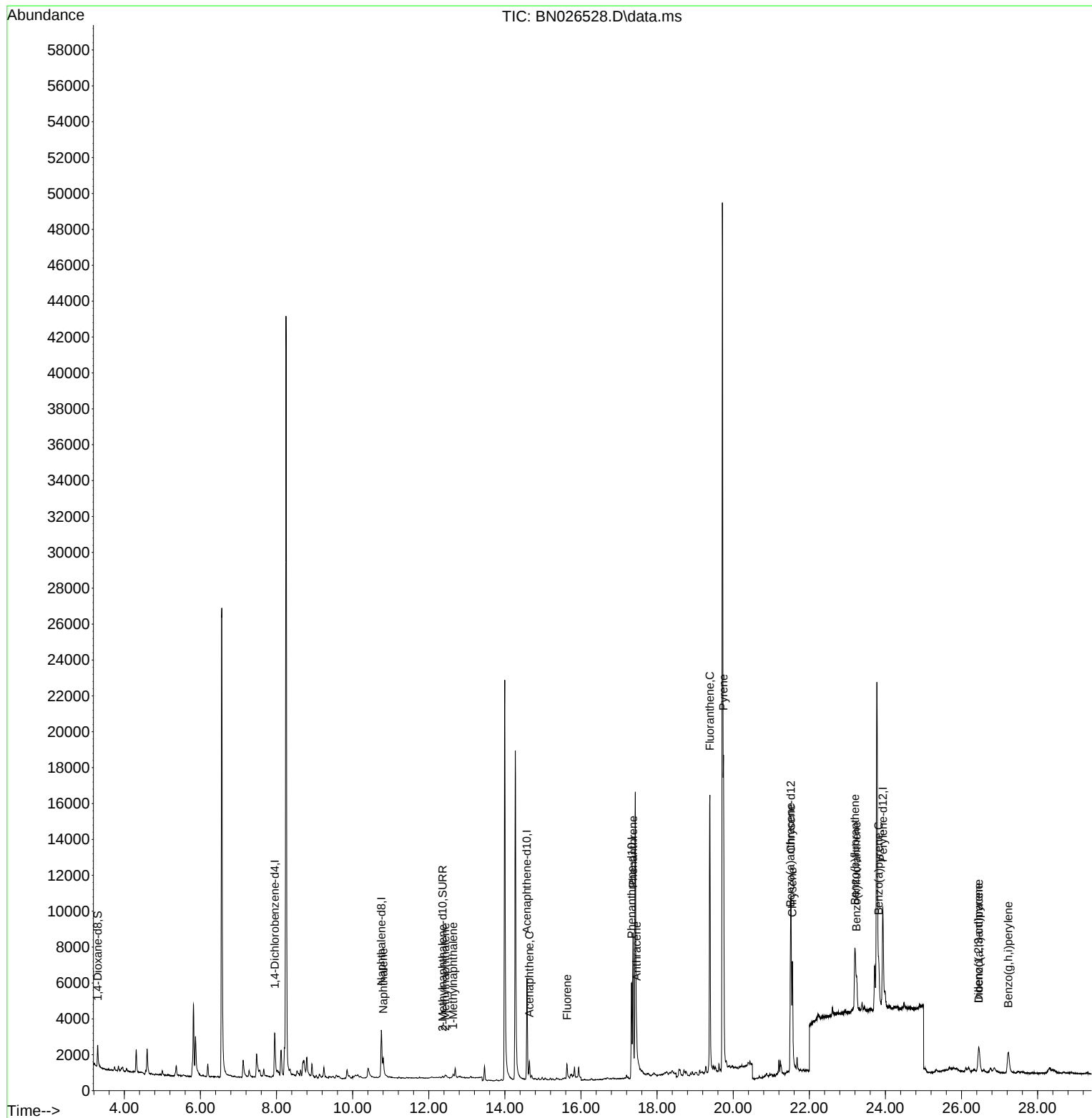
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
Data File : BN026528.D
Acq On : 17 Jul 2023 09:43
Operator : MA/JU
Sample : 03418-08DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

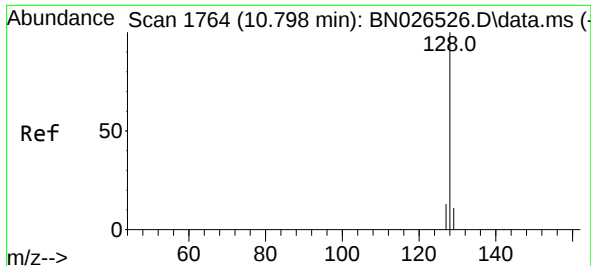
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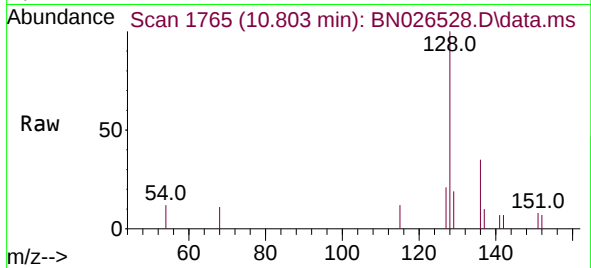
Quant Time: Jul 17 18:03:00 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.118 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. 0.005 min
Lab File: BN026528.D
Acq: 17 Jul 2023 09:43

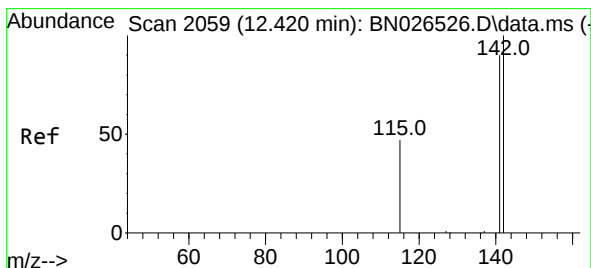
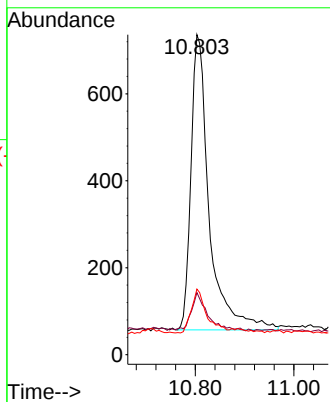
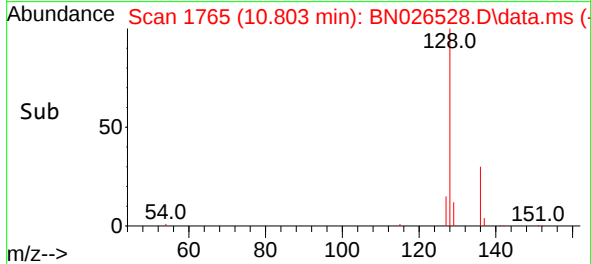
Instrument :
BNA_N
ClientSampleId :
A46F0DL



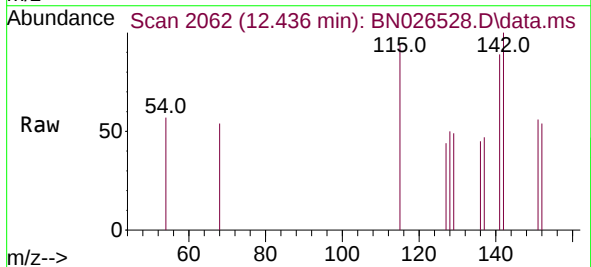
Tgt Ion:128 Resp: 174
Ion Ratio Lower Upper
128 100
129 19.4 10.2 15.2
127 20.5 11.4 17.0

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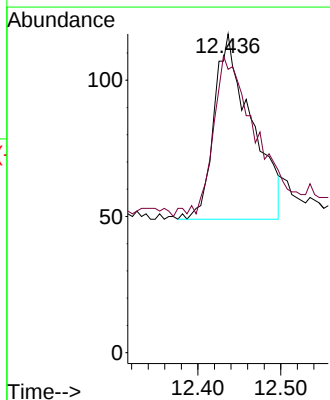
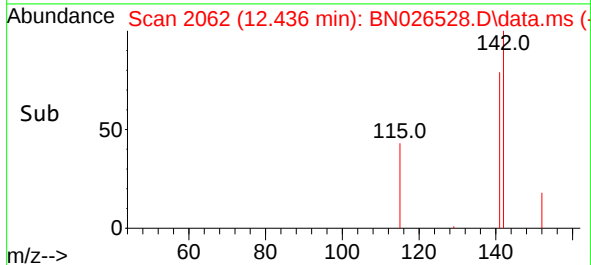
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :Sohil Jodhani 07/17/2023

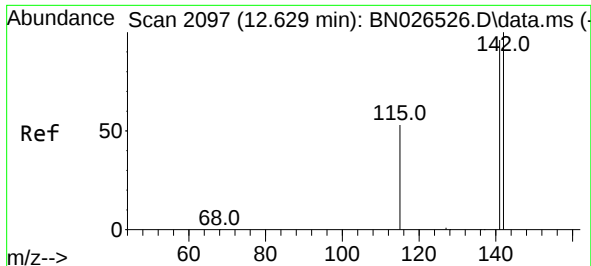


#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. 0.016 min
Lab File: BN026528.D
Acq: 17 Jul 2023 09:43



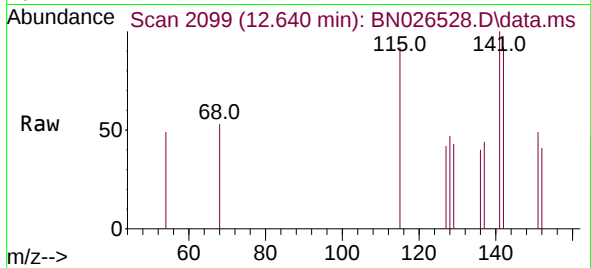
Tgt Ion:142 Resp: 211
Ion Ratio Lower Upper
142 100
141 91.0 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. 0.011 min
Lab File: BN026528.D
Acq: 17 Jul 2023 09:43

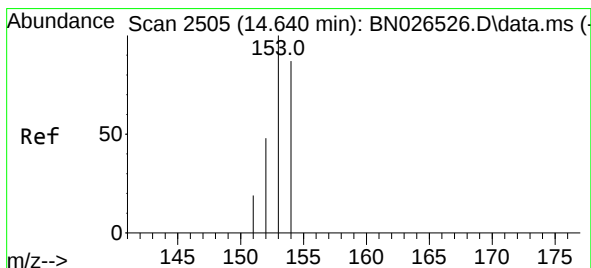
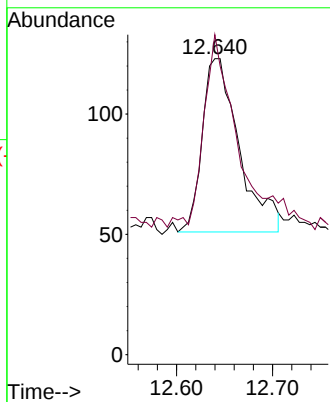
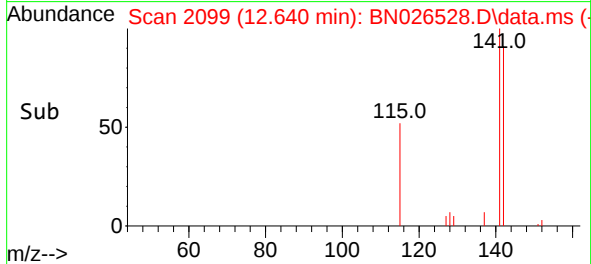
Instrument :
BNA_N
ClientSampleId :
A46F0DL



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Ion Ratio Lower Upper
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141 98.4 74.5 111.7

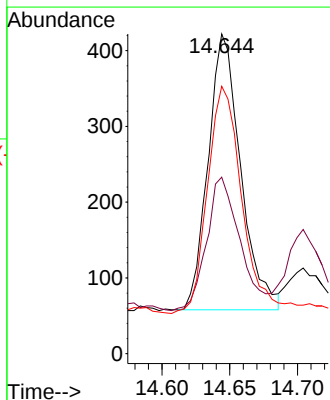
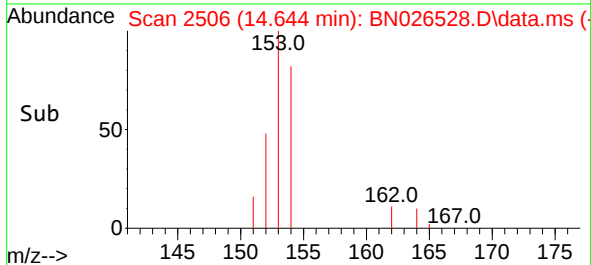
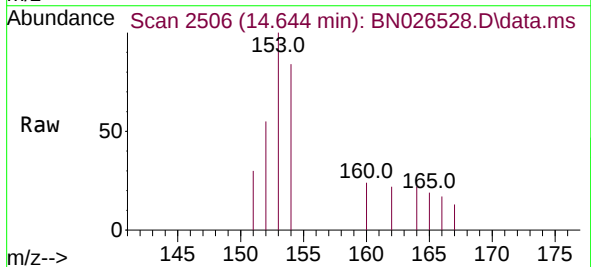
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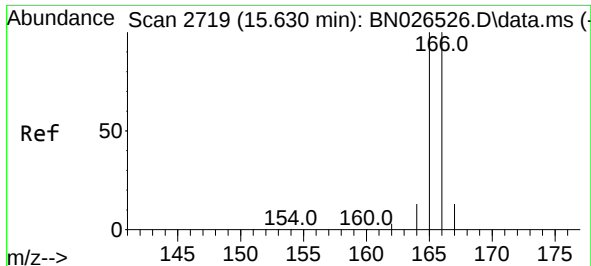
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :Sohil Jodhani 07/17/2023



#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.644 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN026528.D
Acq: 17 Jul 2023 09:43

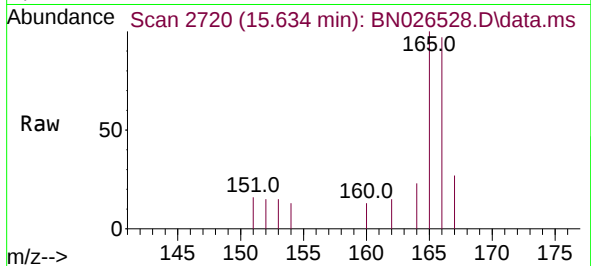
Tgt Ion:153 Resp: 608
Ion Ratio Lower Upper
153 100
152 55.2 40.2 60.4
154 83.6 69.3 103.9





#12
Fluorene
Concen: 0.048 ng/u1
RT: 15.634 min Scan# 2719
Delta R.T. 0.005 min
Lab File: BN026528.D
Acq: 17 Jul 2023 09:43

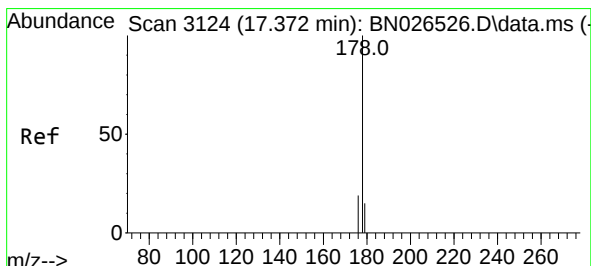
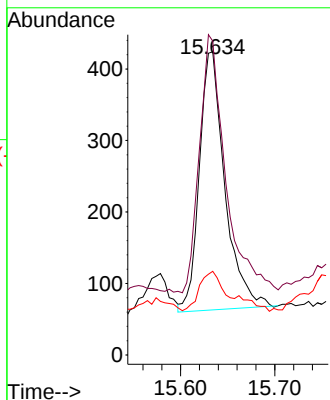
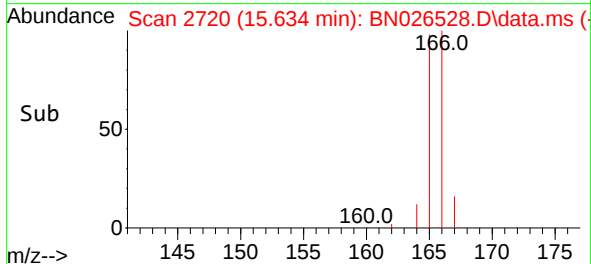
Instrument :
BNA_N
ClientSampleId :
A46F0DL



Tgt Ion:166 Resp: 679
Ion Ratio Lower Upper
166 100
165 103.5 80.6 120.8
167 27.6 12.0 18.0

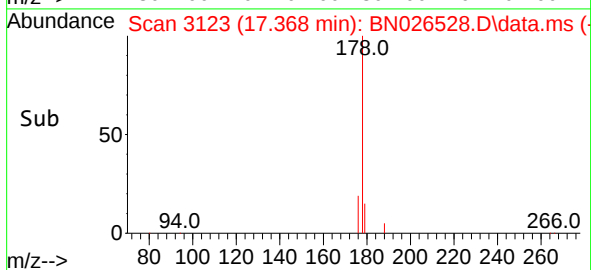
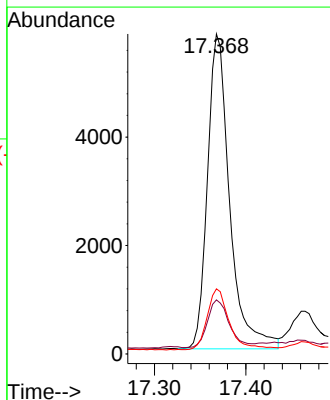
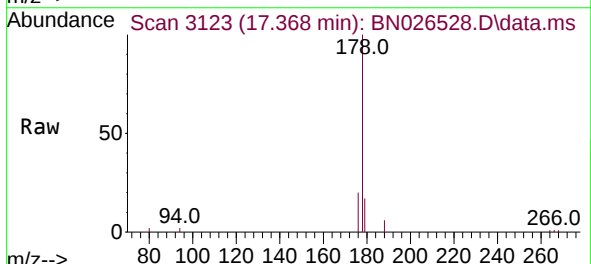
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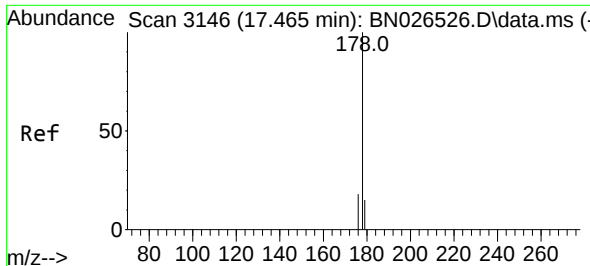
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :Sohil Jodhani 07/17/2023



#15
Phenanthrene
Concen: 0.384 ng/u1
RT: 17.368 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BN026528.D
Acq: 17 Jul 2023 09:43

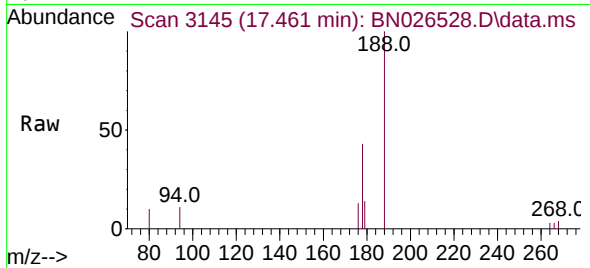
Tgt Ion:178 Resp: 9813
Ion Ratio Lower Upper
178 100
179 16.9 13.7 20.5
176 20.4 16.5 24.7





#16
 Anthracene
 Concen: 0.062 ng/ul
 RT: 17.461 min Scan# 3146
 Delta R.T. -0.004 min
 Lab File: BN026528.D
 Acq: 17 Jul 2023 09:43

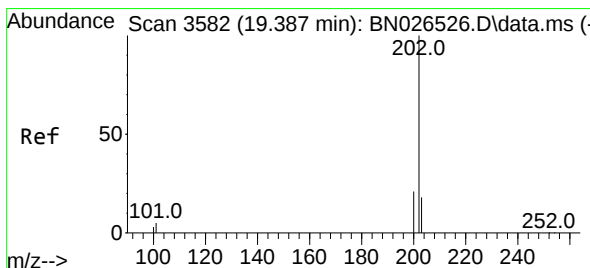
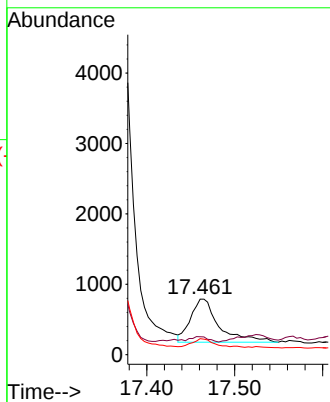
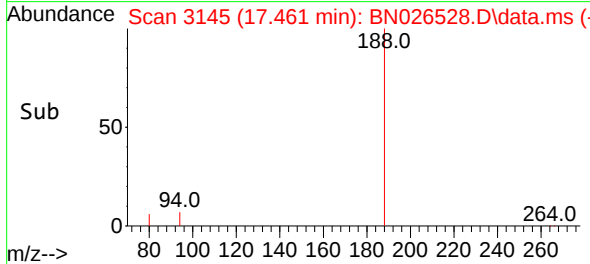
Instrument :
 BNA_N
 ClientSampleId :
 A46F0DL



Tgt Ion:178 Resp: 1375
 Ion Ratio Lower Upper
 178 100
 179 32.3 14.8 22.2#
 176 28.9 16.6 25.0#

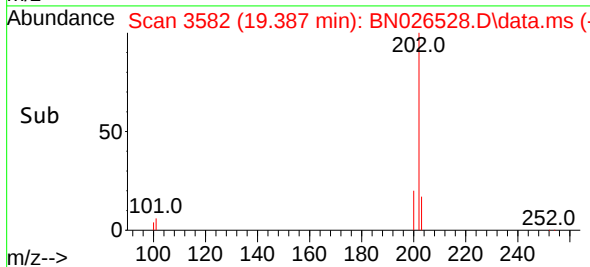
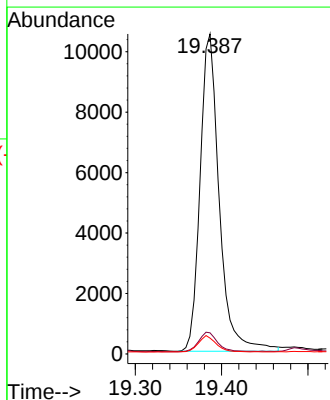
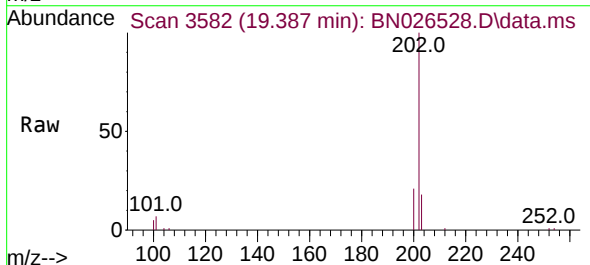
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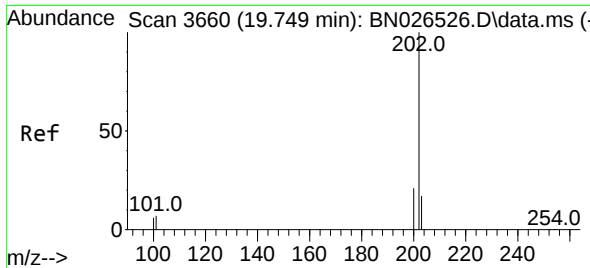
Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :Sohil Jodhani 07/17/2023



#19
 Fluoranthene
 Concen: 0.409 ng/ul
 RT: 19.387 min Scan# 3582
 Delta R.T. -0.000 min
 Lab File: BN026528.D
 Acq: 17 Jul 2023 09:43

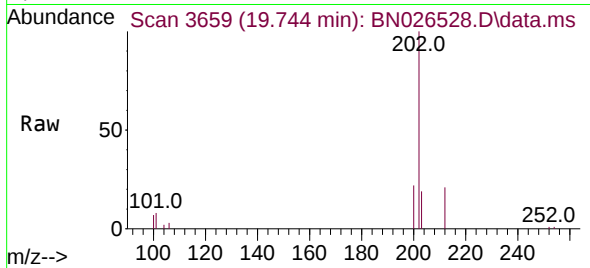
Tgt Ion:202 Resp: 16232
 Ion Ratio Lower Upper
 202 100
 101 6.6 7.0 10.4#
 100 4.9 6.0 9.0#





#20
Pyrene
Concen: 0.348 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.005 min
Lab File: BN026528.D
Acq: 17 Jul 2023 09:43

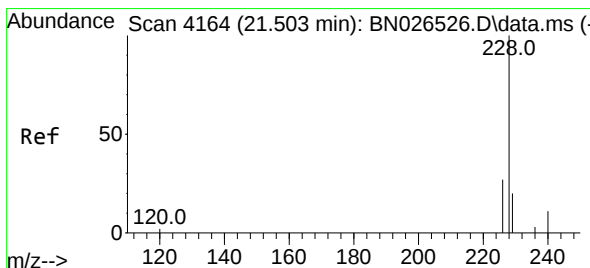
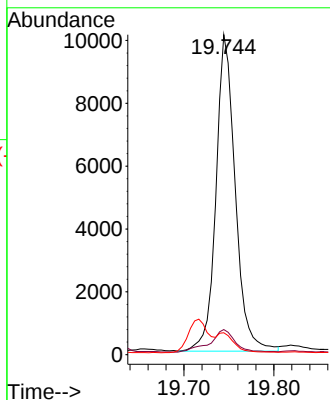
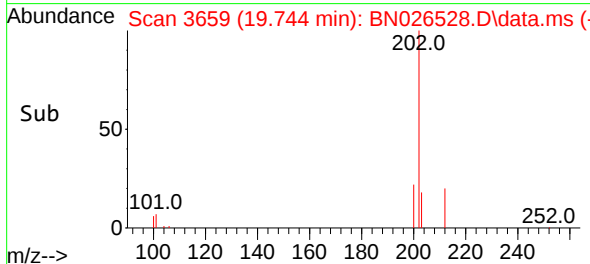
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Tgt Ion:202 Resp: 14994
Ion Ratio Lower Upper
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101 7.8 8.0 12.0#
100 6.8 6.2 9.2

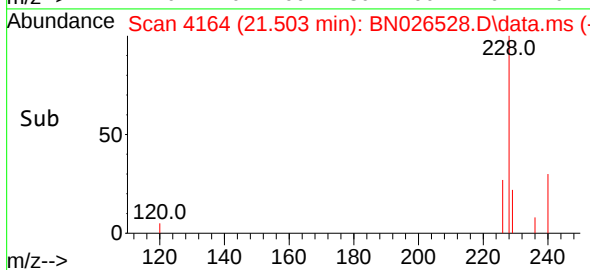
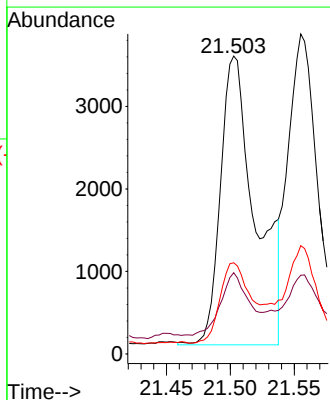
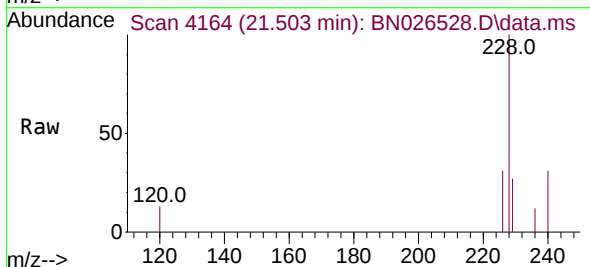
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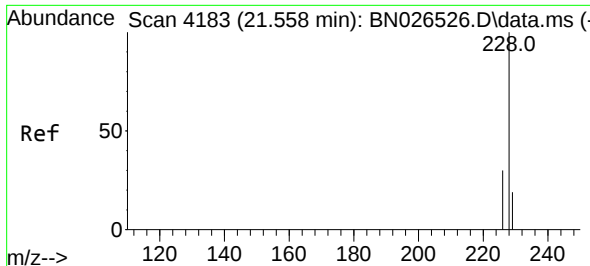
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :Sohil Jodhani 07/17/2023



#21
Benzo(a)anthracene
Concen: 0.214 ng/ul m
RT: 21.503 min Scan# 4164
Delta R.T. -0.000 min
Lab File: BN026528.D
Acq: 17 Jul 2023 09:43

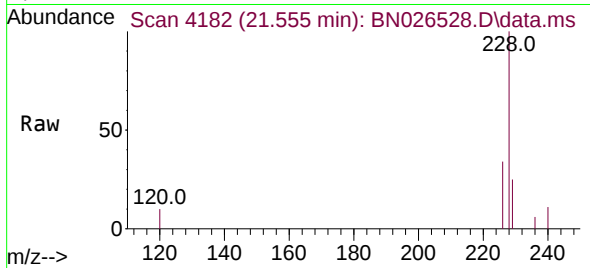
Tgt Ion:228 Resp: 6647
Ion Ratio Lower Upper
228 100
229 27.3 16.7 25.1#
226 30.6 23.5 35.3





#22
Chrysene
Concen: 0.179 ng/ul
RT: 21.555 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BN026528.D
Acq: 17 Jul 2023 09:43

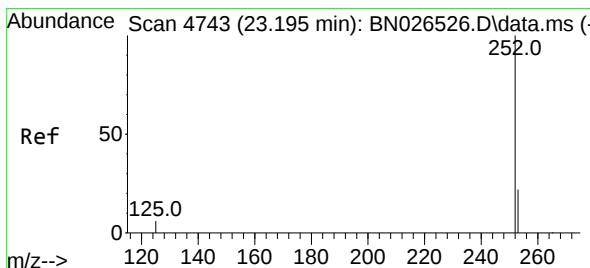
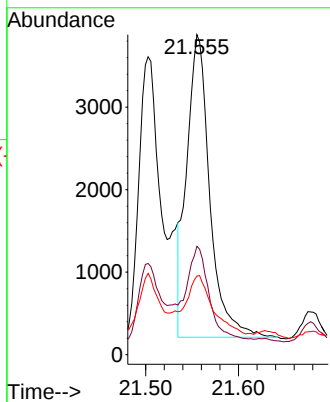
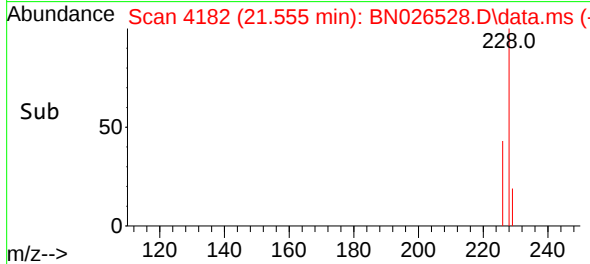
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Tgt Ion:228 Resp: 6325
Ion Ratio Lower Upper
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226 33.9 25.2 37.8
229 24.6 16.4 24.6

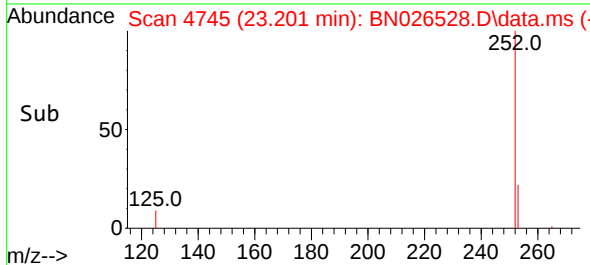
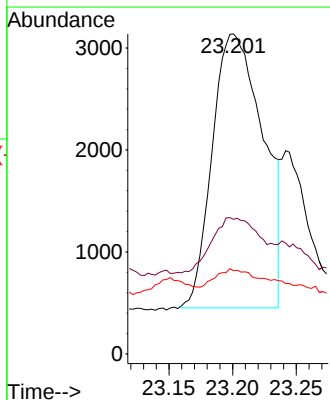
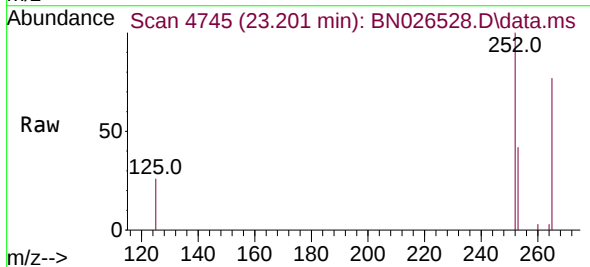
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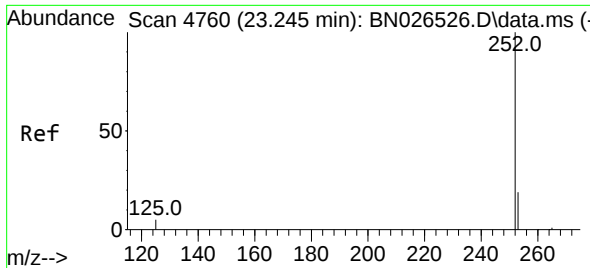
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :Sohil Jodhani 07/17/2023



#24
Benzo(b)fluoranthene
Concen: 0.241 ng/ul m
RT: 23.201 min Scan# 4745
Delta R.T. 0.006 min
Lab File: BN026528.D
Acq: 17 Jul 2023 09:43

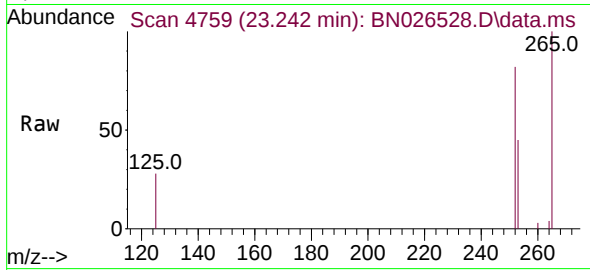
Tgt Ion:252 Resp: 7464
Ion Ratio Lower Upper
252 100
253 42.1 0.0 68.6
125 26.0 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.066 ng/ul m
RT: 23.242 min Scan# 4759
Delta R.T. -0.003 min
Lab File: BN026528.D
Acq: 17 Jul 2023 09:43

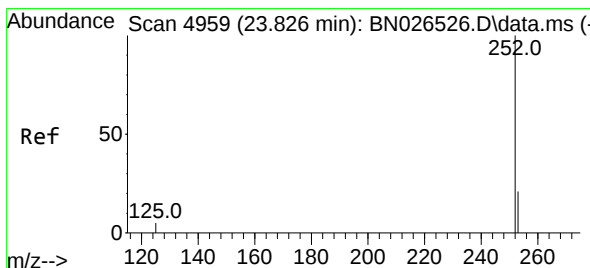
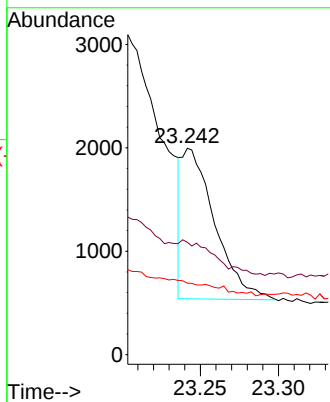
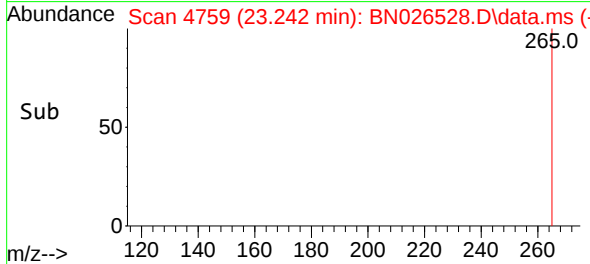
Instrument :
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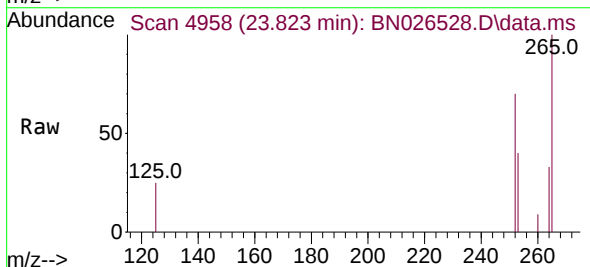
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Ion Ratio Lower Upper
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253 54.5 27.2 40.8#
125 34.6 13.4 20.2#

Manual Integrations
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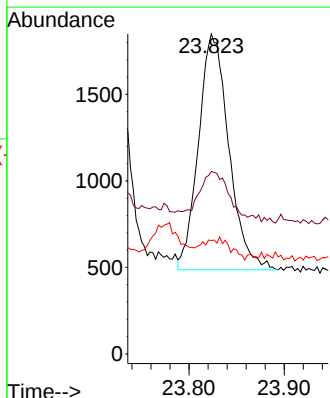
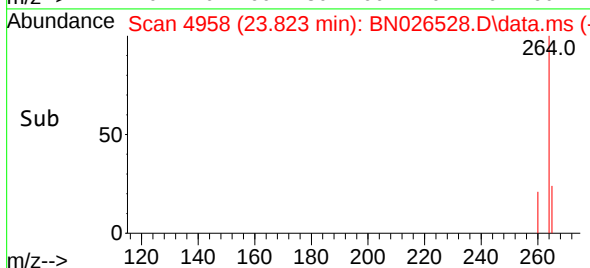
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :Sohil Jodhani 07/17/2023

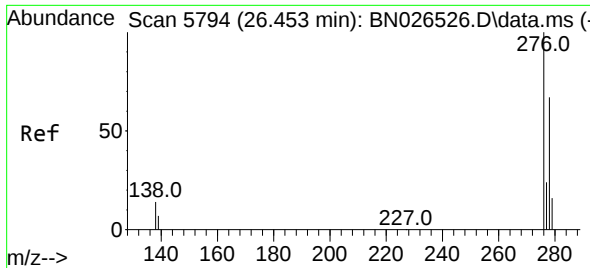


#26
Benzo(a)pyrene
Concen: 0.110 ng/ul
RT: 23.823 min Scan# 4958
Delta R.T. -0.003 min
Lab File: BN026528.D
Acq: 17 Jul 2023 09:43



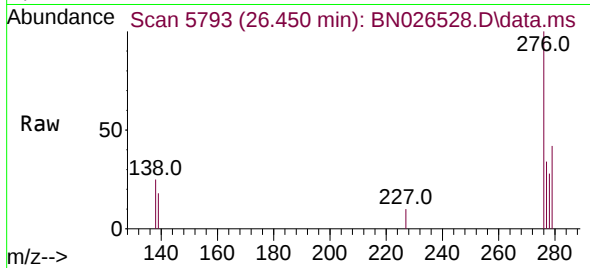
Tgt Ion:252 Resp: 3019
Ion Ratio Lower Upper
252 100
253 57.0 32.6 49.0#
125 35.5 19.3 28.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng/ul
RT: 26.450 min Scan# 5794
Delta R.T. -0.003 min
Lab File: BN026528.D
Acq: 17 Jul 2023 09:43

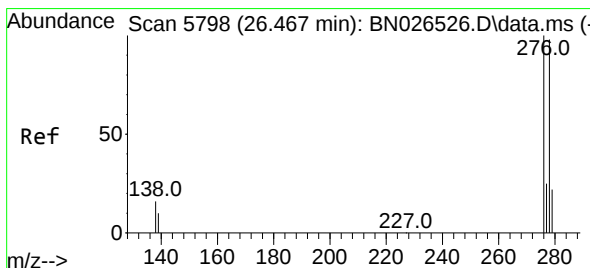
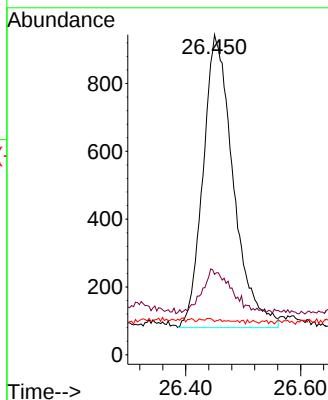
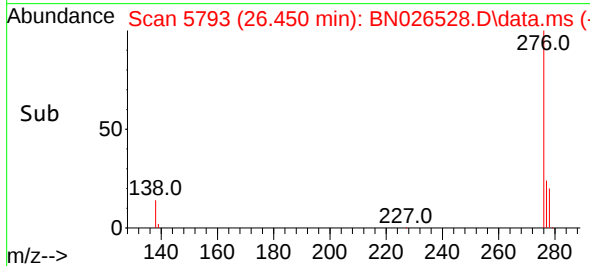
Instrument :
BNA_N
ClientSampleId :
A46F0DL



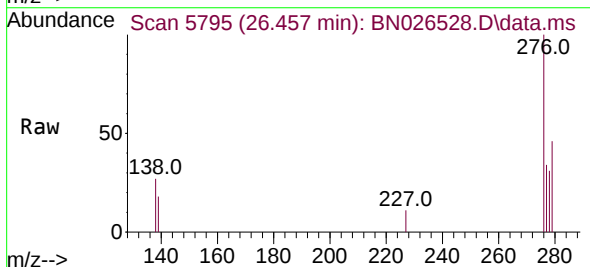
Tgt Ion:276 Resp: 3149
Ion Ratio Lower Upper
276 100
138 14.6 22.2 33.4#
227 0.3 0.1 0.1#

Manual Integrations
APPROVED

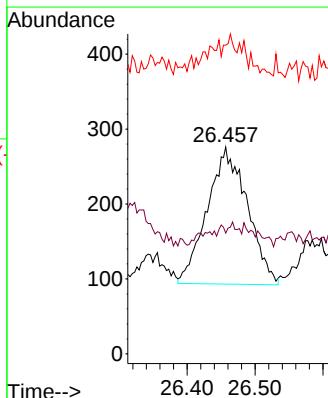
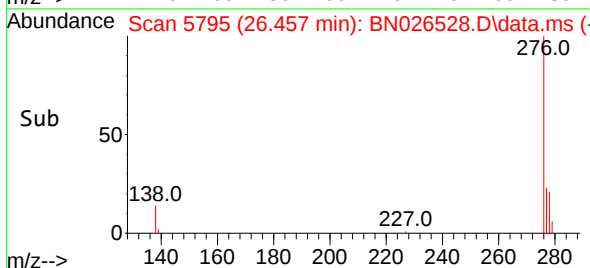
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :Sohil Jodhani 07/17/2023

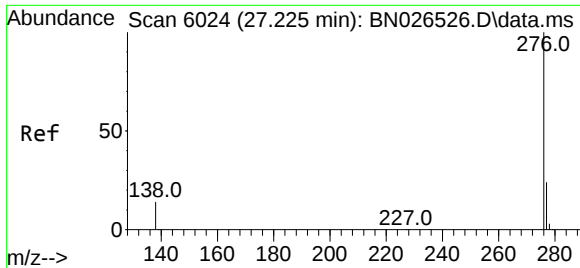


#28
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 26.457 min Scan# 5795
Delta R.T. -0.010 min
Lab File: BN026528.D
Acq: 17 Jul 2023 09:43



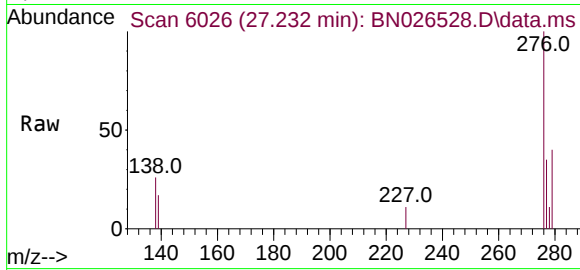
Tgt Ion:278 Resp: 750
Ion Ratio Lower Upper
278 100
139 58.3 18.9 28.3#
279 149.3 31.3 46.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.100 ng/ul
 RT: 27.232 min Scan# 6026
 Delta R.T. 0.007 min
 Lab File: BN026528.D
 Acq: 17 Jul 2023 09:43

Instrument :
 BNA_N
 ClientSampleId :
 A46F0DL



Tgt Ion: 276 Resp: 319

Ion	Ratio	Lower	Upper
276	100		
138	26.0	22.6	34.0
277	34.6	21.8	32.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :Sohil Jodhani 07/17/2023

