

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026150.D
 Acq On : 01 Jul 2023 14:13
 Operator : MA/JU
 Sample : 03239-10RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY8RE

Quant Time: Jul 01 22:34:58 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

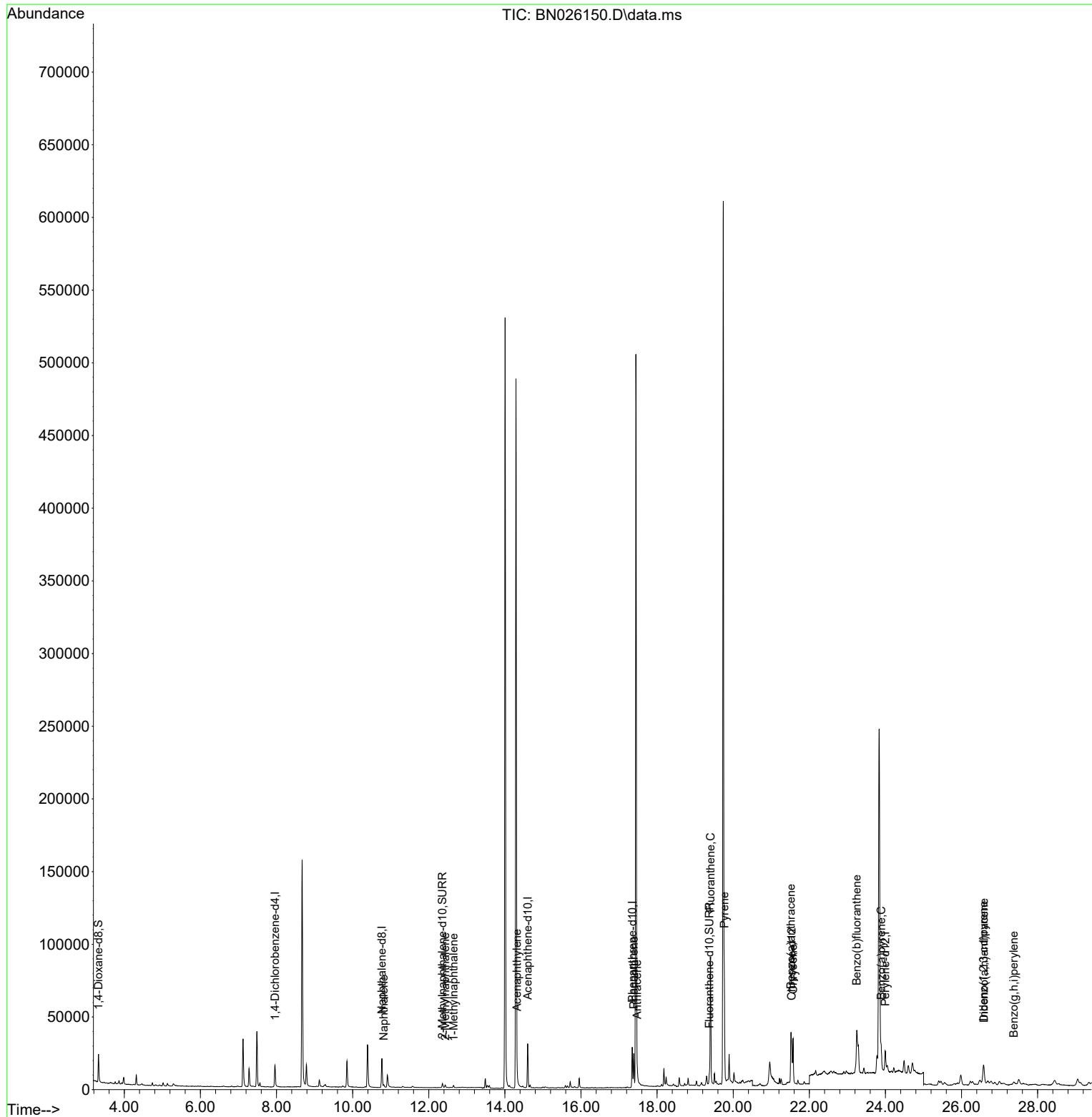
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	8961	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	29092	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	17353	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	33187	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	18366	0.400	ng/ul	# 0.00
23) Perylene-d12	23.996	264	18630	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	12929	1.281	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	4258	0.095	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	7335	0.105	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.820	128	2259	0.027	ng/ul#	85
7) 2-Methylnaphthalene	12.431	142	1549	0.029	ng/ul	97
8) 1-Methylnaphthalene	12.651	142	1113	0.020	ng/ul	98
10) Acenaphthylene	14.320	152	2803	0.034	ng/ul#	86
15) Phenanthrene	17.389	178	25617	0.234	ng/ul	99
16) Anthracene	17.478	178	5489	0.056	ng/ul#	86
19) Fluoranthene	19.405	202	77255	0.788	ng/ul	95
20) Pyrene	19.768	202	62468	0.612	ng/ul	97
21) Benzo(a)anthracene	21.517	228	28958	0.382	ng/ul#	93
22) Chrysene	21.573	228	36301	0.460	ng/ul#	94
24) Benzo(b)fluoranthene	23.247	252	72838	0.916	ng/ul	96
26) Benzo(a)pyrene	23.888	252	24473	0.354	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.578	276	23758	0.315	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.588	278	7135	0.125	ng/ul#	67
29) Benzo(g,h,i)perylene	27.376	276	5064	0.075	ng/ul#	53

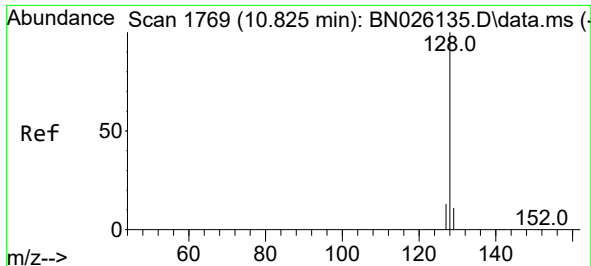
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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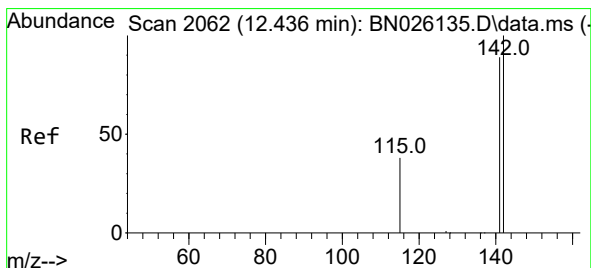
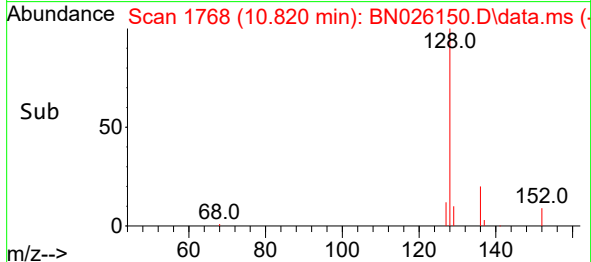
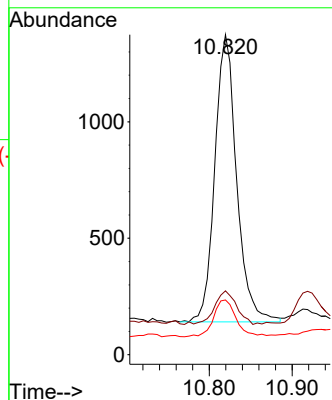
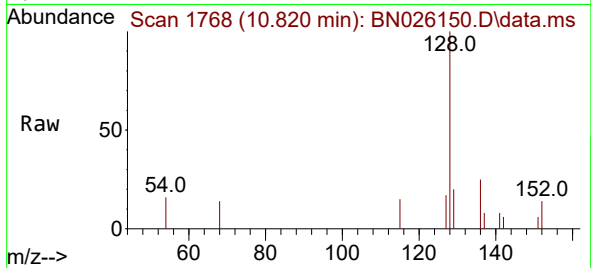




#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.820 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

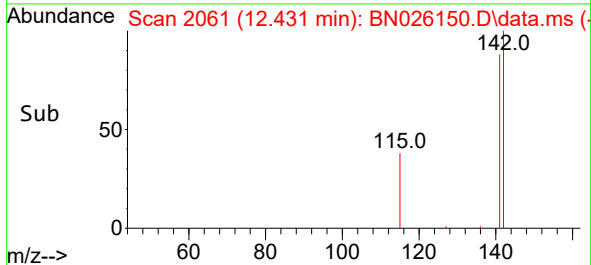
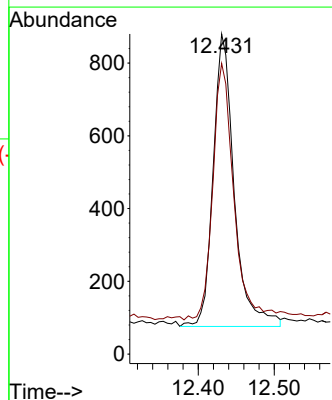
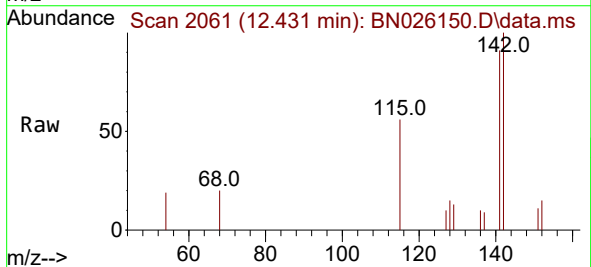
Instrument :
BNA_N
ClientSampleId :
DCFY8RE

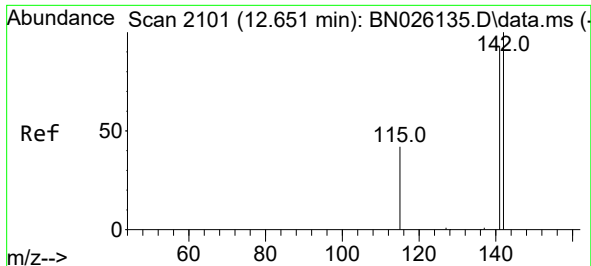
Tgt Ion:128 Resp: 2259
Ion Ratio Lower Upper
128 100
129 19.9 9.1 13.7#
127 17.1 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

Tgt Ion:142 Resp: 1549
Ion Ratio Lower Upper
142 100
141 87.3 71.9 107.9

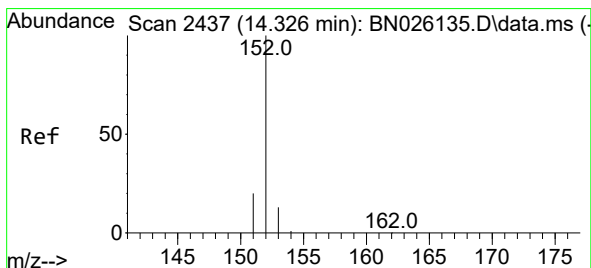
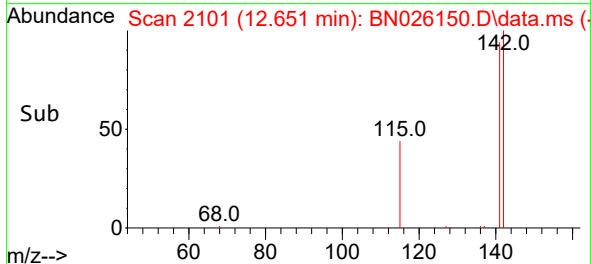
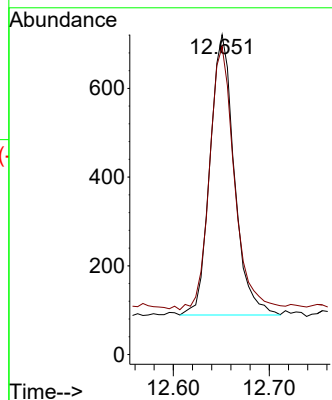
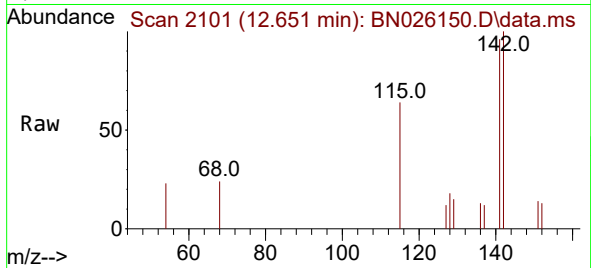




#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.651 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

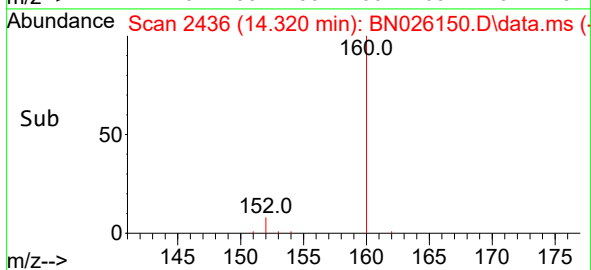
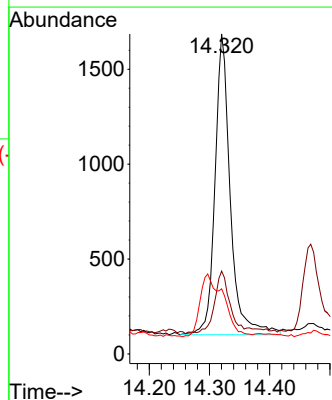
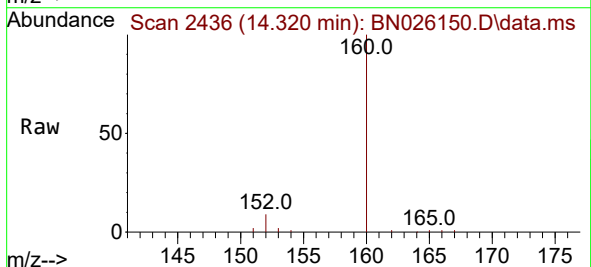
Instrument :
BNA_N
ClientSampleId :
DCFY8RE

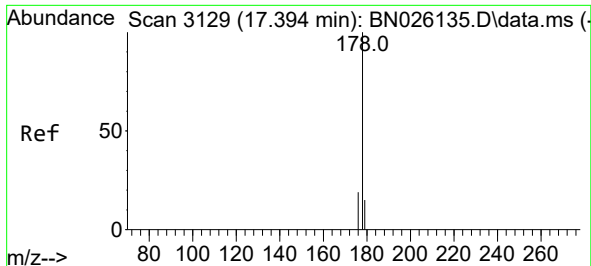
Tgt Ion:142 Resp: 1113
Ion Ratio Lower Upper
142 100
141 94.7 74.2 111.4



#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

Tgt Ion:152 Resp: 2803
Ion Ratio Lower Upper
152 100
151 25.9 16.2 24.4#
153 20.3 10.9 16.3#

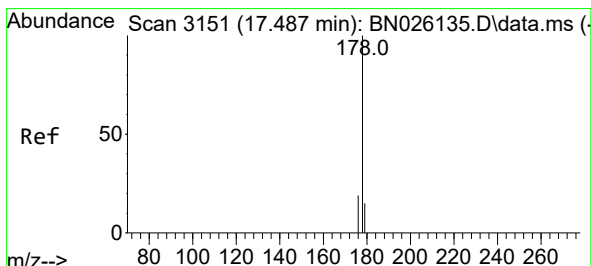
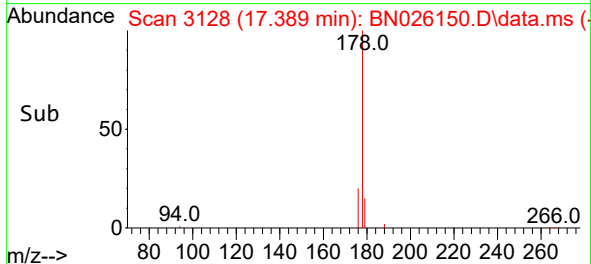
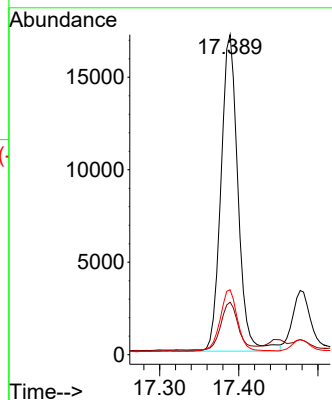
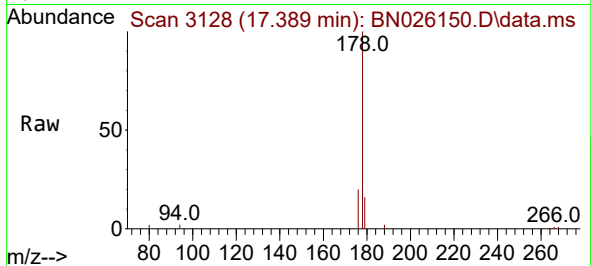




#15
Phenanthrene
Concen: 0.234 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

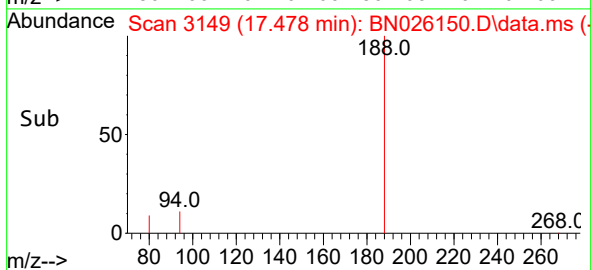
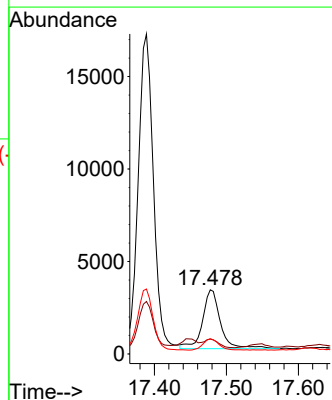
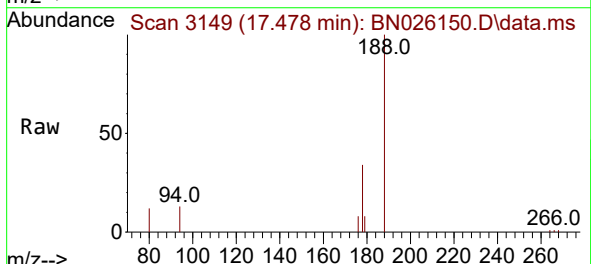
Instrument :
BNA_N
ClientSampleId :
DCFY8RE

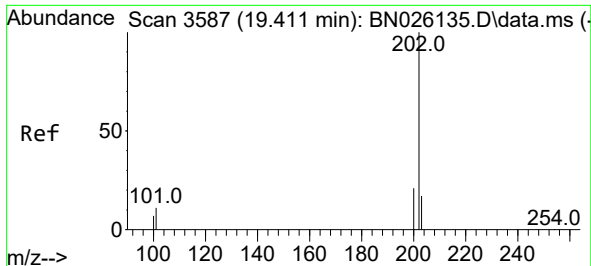
Tgt Ion:178 Resp: 25617
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.3 15.8 23.6



#16
Anthracene
Concen: 0.056 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

Tgt Ion:178 Resp: 5489
Ion Ratio Lower Upper
178 100
179 23.1 12.6 18.8#
176 23.7 15.1 22.7#

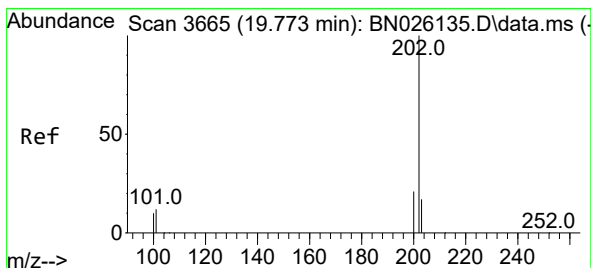
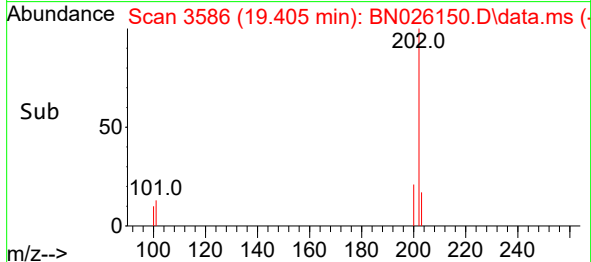
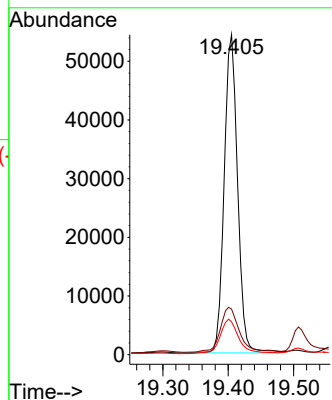
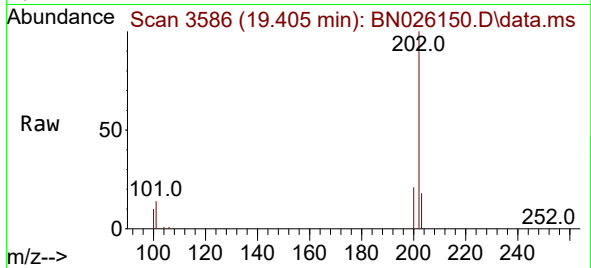




#19
Fluoranthene
Concen: 0.788 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

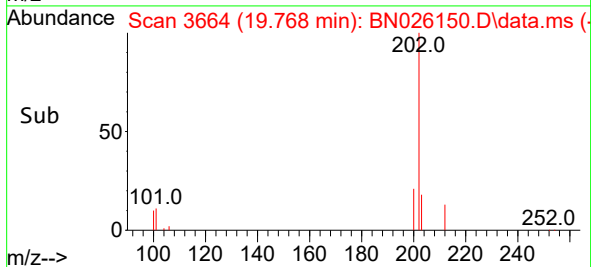
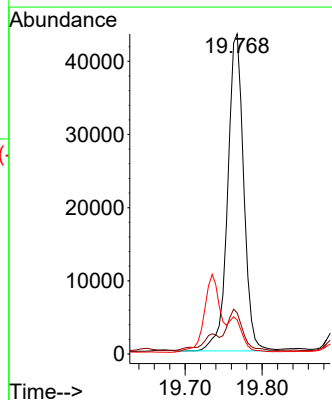
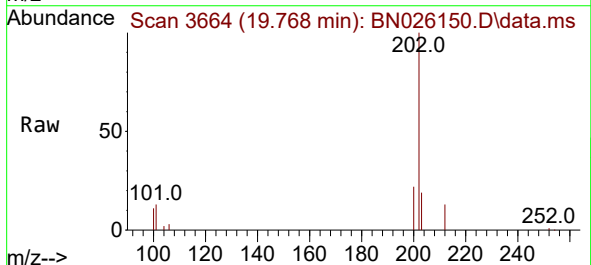
Instrument :
BNA_N
ClientSampleId :
DCFY8RE

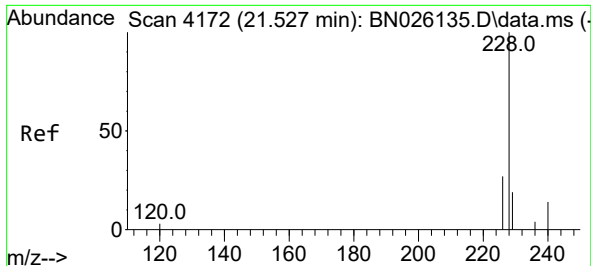
Tgt Ion:202 Resp: 77255
Ion Ratio Lower Upper
202 100
101 14.3 9.5 14.3
100 10.2 7.3 10.9



#20
Pyrene
Concen: 0.612 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

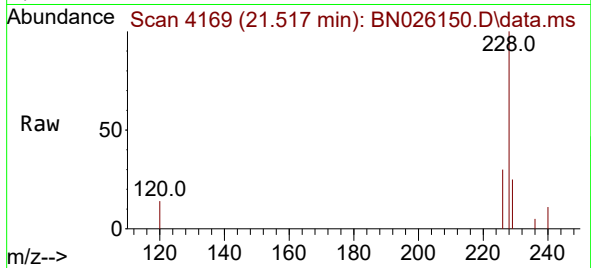
Tgt Ion:202 Resp: 62468
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 10.7 9.1 13.7



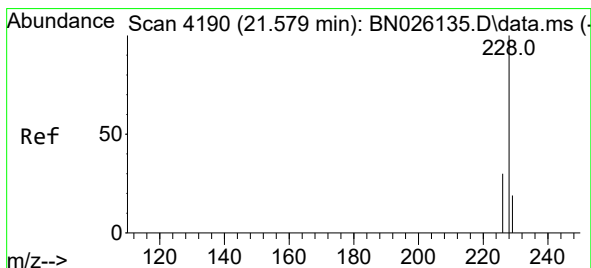
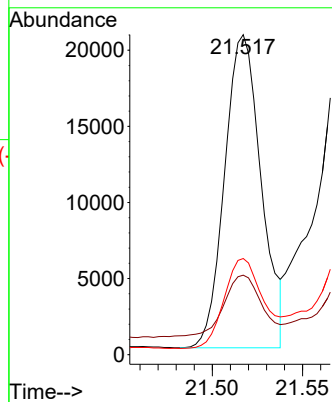
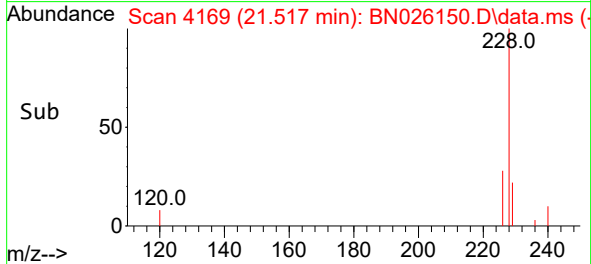


#21
Benzo(a)anthracene
Concen: 0.382 ng/ul
RT: 21.517 min Scan# 4117
Delta R.T. -0.010 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

Instrument :
BNA_N
ClientSampleId :
DCFY8RE

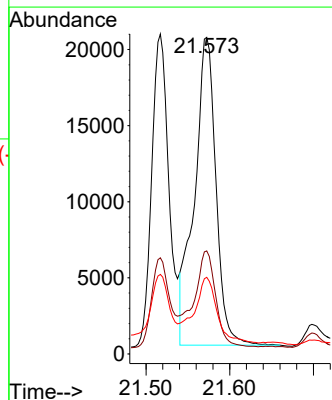
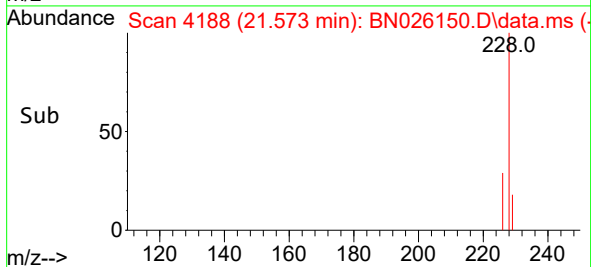
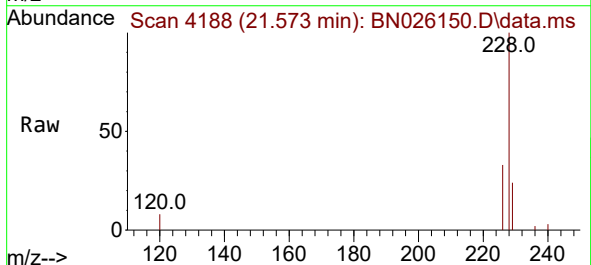


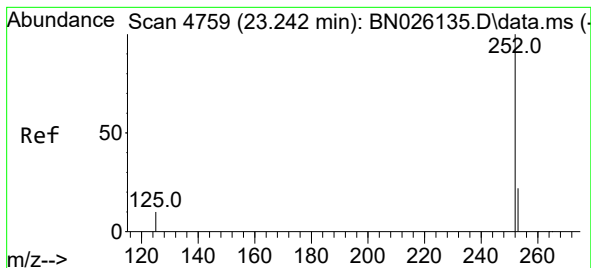
Tgt Ion:228 Resp: 28958
Ion Ratio Lower Upper
228 100
229 24.9 15.8 23.6#
226 30.0 22.5 33.7



#22
Chrysene
Concen: 0.460 ng/ul
RT: 21.573 min Scan# 4188
Delta R.T. -0.007 min
Lab File: BN026150.D
Acq: 01 Jul 2023 14:13

Tgt Ion:228 Resp: 36301
Ion Ratio Lower Upper
228 100
226 32.5 24.8 37.2
229 24.2 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 0.916 ng/ul

RT: 23.247 min Scan# 41

Delta R.T. 0.005 min

Lab File: BN026150.D

Acq: 01 Jul 2023 14:13

Instrument :

BNA_N

ClientSampleId :

DCFY8RE

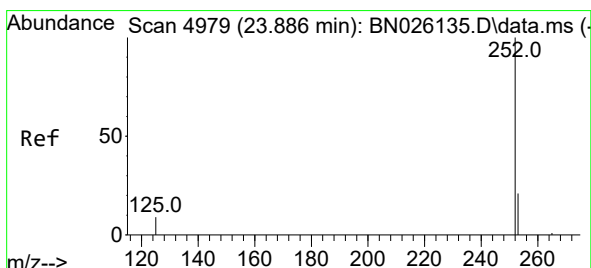
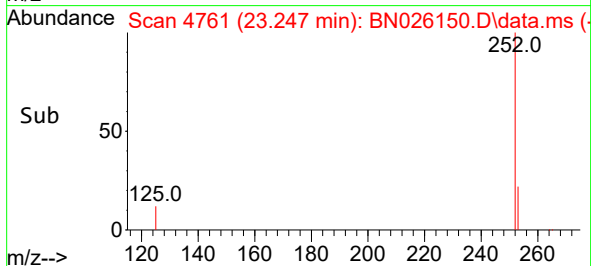
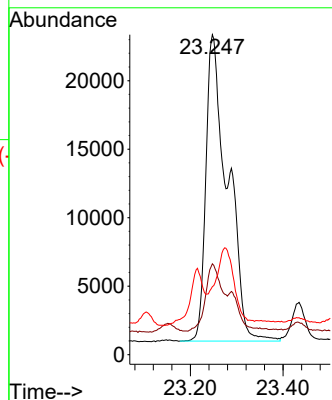
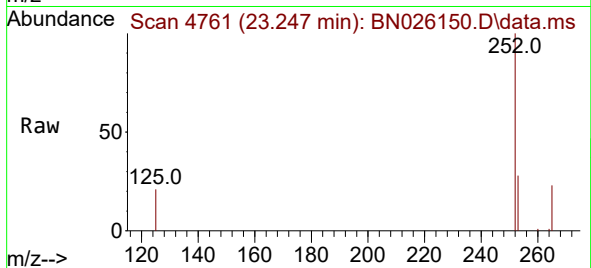
Tgt Ion:252 Resp: 72838

Ion Ratio Lower Upper

252 100

253 28.4 0.0 55.6

125 21.3 0.0 35.8



#26

Benzo(a)pyrene

Concen: 0.354 ng/ul

RT: 23.888 min Scan# 4980

Delta R.T. 0.002 min

Lab File: BN026150.D

Acq: 01 Jul 2023 14:13

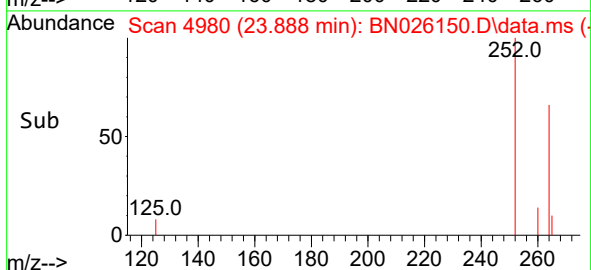
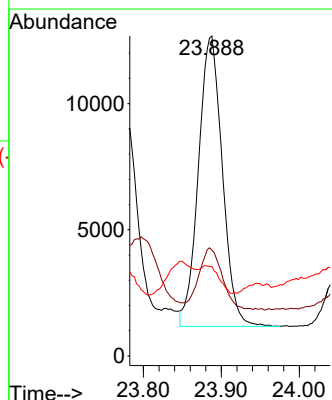
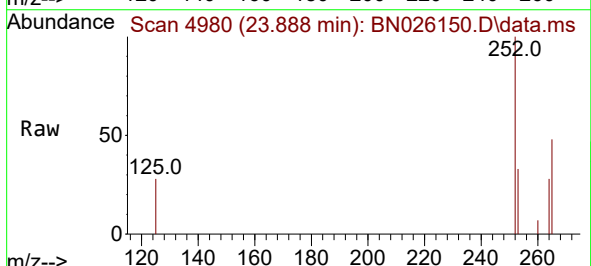
Tgt Ion:252 Resp: 24473

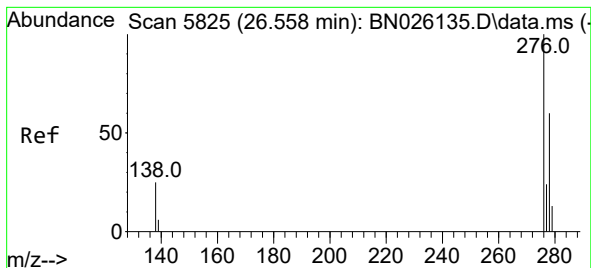
Ion Ratio Lower Upper

252 100

253 33.2 26.0 39.0

125 28.0 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.315 ng/ul

RT: 26.578 min Scan# 5831

Delta R.T. 0.019 min

Lab File: BN026150.D

Acq: 01 Jul 2023 14:13

Instrument :

BNA_N

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DCFY8RE

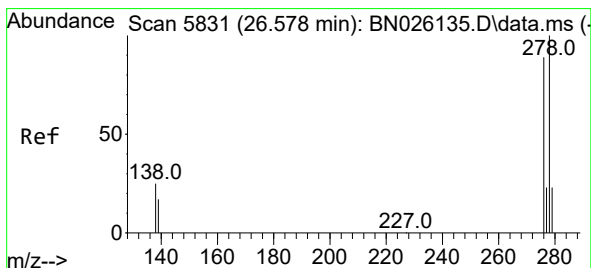
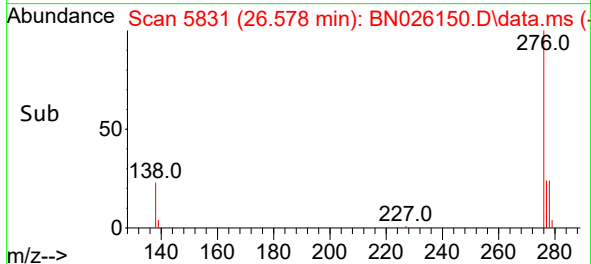
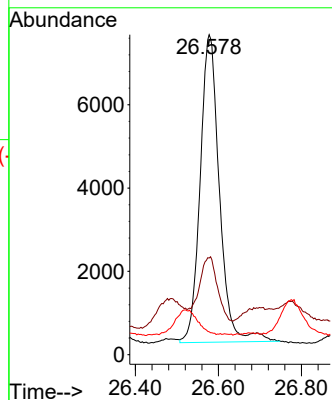
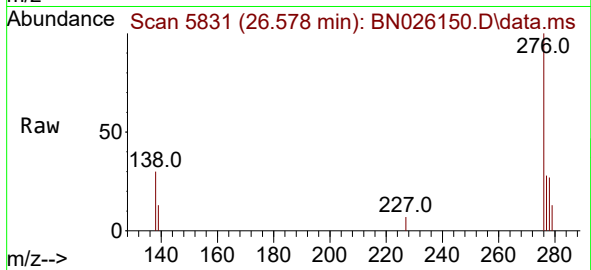
Tgt Ion:276 Resp: 23758

Ion Ratio Lower Upper

276 100

138 18.8 24.5 36.7#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.125 ng/ul

RT: 26.588 min Scan# 5834

Delta R.T. 0.009 min

Lab File: BN026150.D

Acq: 01 Jul 2023 14:13

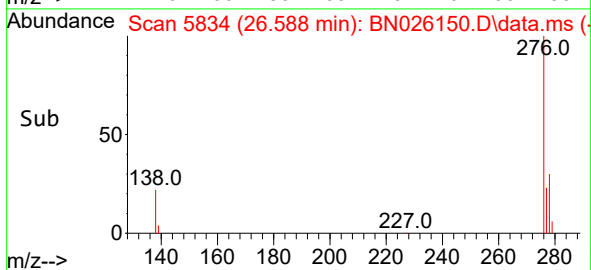
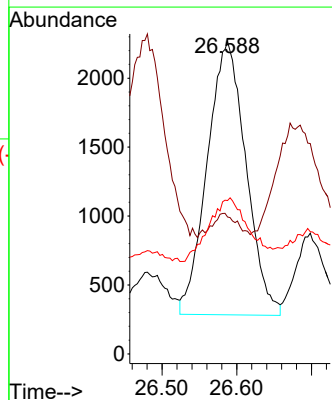
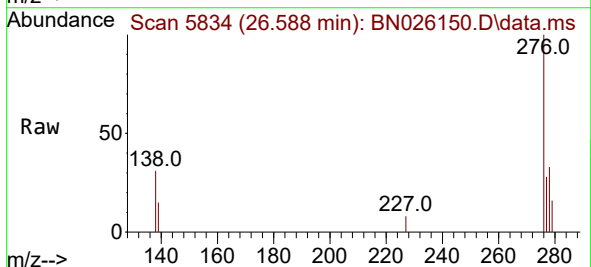
Tgt Ion:278 Resp: 7135

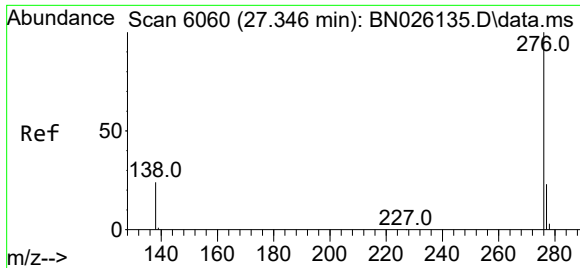
Ion Ratio Lower Upper

278 100

139 43.8 19.0 28.4#

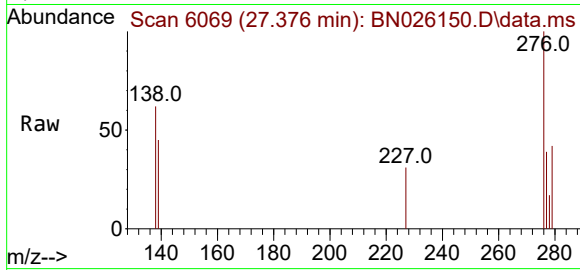
279 49.1 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.075 ng/ul
 RT: 27.376 min Scan# 6069
 Delta R.T. 0.029 min
 Lab File: BN026150.D
 Acq: 01 Jul 2023 14:13

Instrument :
 BNA_N
 ClientSampleId :
 DCFY8RE



Tgt Ion:276 Resp: 5064
 Ion Ratio Lower Upper
 276 100
 138 62.3 23.4 35.0#
 277 39.4 20.0 30.0#

