

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026087.D
 Acq On : 29 Jun 2023 10:13
 Operator : MA/JU
 Sample : 03412-19DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT6DL

Quant Time: Jun 30 00:42:44 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

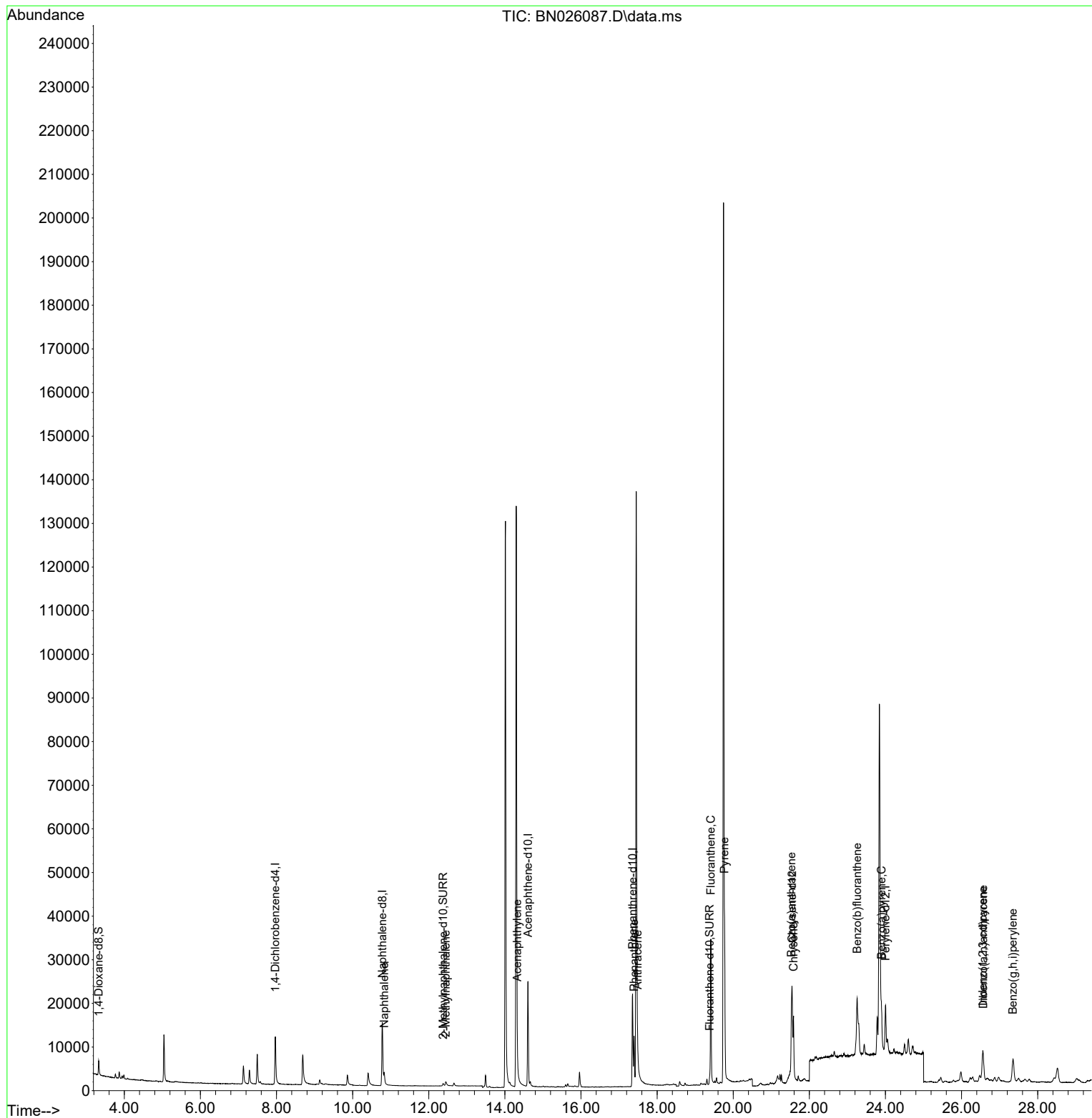
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	7336	0.400	ng/ul	0.00
4) Naphthalene-d8	10.780	136	24659	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	14617	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	27899	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	15376	0.400	ng/ul	# 0.00
23) Perylene-d12	24.001	264	15345	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	2277	0.276	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.375	152	1145	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	2205	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.829	128	3991	0.056	ng/ul#	91
7) 2-Methylnaphthalene	12.446	142	1097	0.024	ng/ul	96
10) Acenaphthylene	14.325	152	2431	0.036	ng/ul#	89
15) Phenanthrene	17.393	178	12993	0.141	ng/ul	98
16) Anthracene	17.486	178	2639	0.032	ng/ul#	82
19) Fluoranthene	19.414	202	32614	0.397	ng/ul	98
20) Pyrene	19.771	202	27820	0.326	ng/ul	98
21) Benzo(a)anthracene	21.531	228	15105	0.238	ng/ul#	86
22) Chrysene	21.584	228	14515	0.220	ng/ul#	94
24) Benzo(b)fluoranthene	23.255	252	34222	0.523	ng/ul	90
26) Benzo(a)pyrene	23.896	252	14486	0.255	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.557	276	13962	0.225	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.570	278	3071	0.065	ng/ul#	31
29) Benzo(g,h,i)perylene	27.352	276	13158	0.238	ng/ul	93

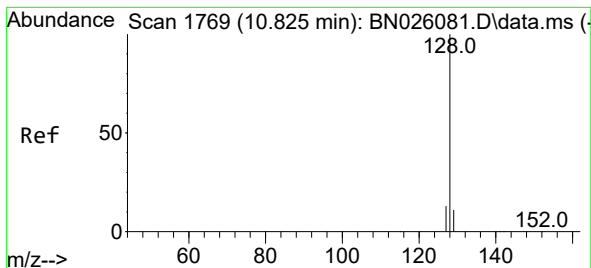
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.056 ng/ul

RT: 10.829 min Scan# 1769

Delta R.T. -0.007 min

Lab File: BN026087.D

Acq: 29 Jun 2023 10:13

Instrument :

BNA_N

ClientSampleId :

DCFT6DL

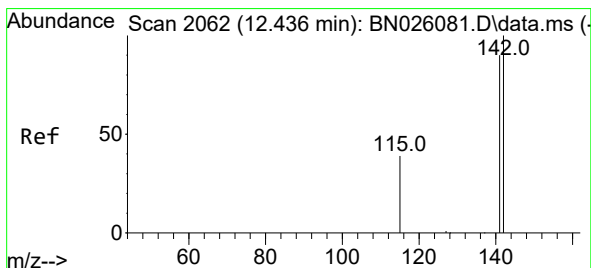
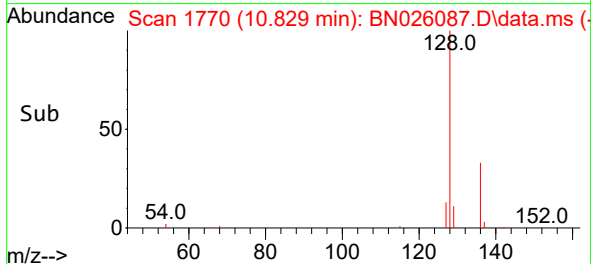
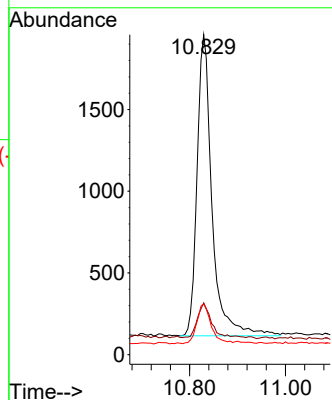
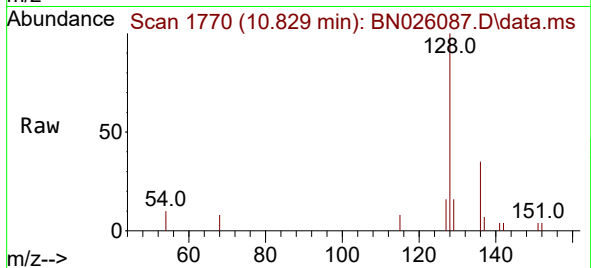
Tgt Ion:128 Resp: 3991

Ion Ratio Lower Upper

128 100

129 16.2 9.1 13.7#

127 15.8 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.446 min Scan# 2064

Delta R.T. -0.001 min

Lab File: BN026087.D

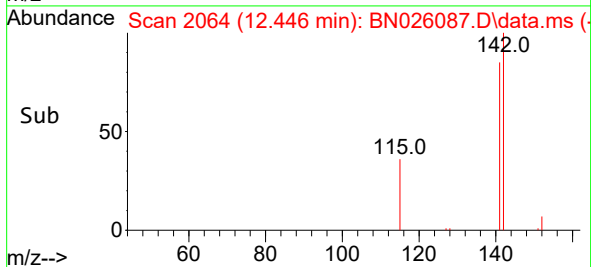
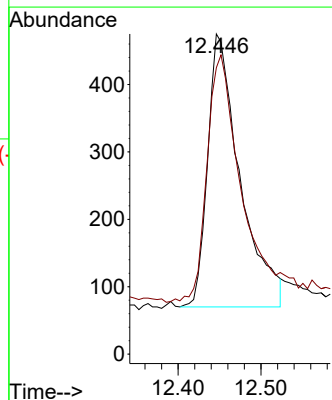
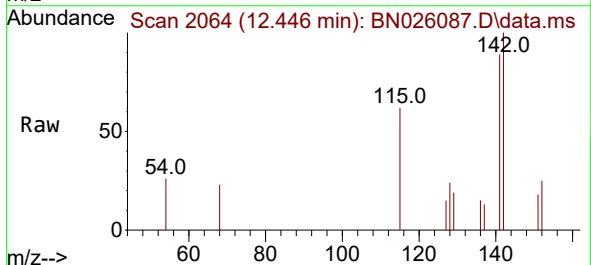
Acq: 29 Jun 2023 10:13

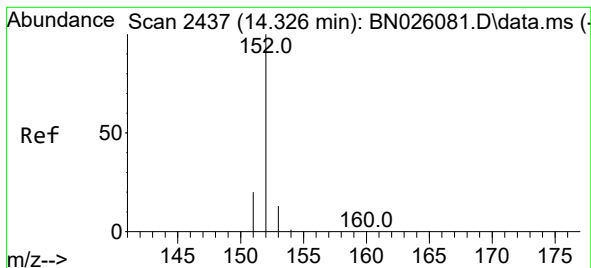
Tgt Ion:142 Resp: 1097

Ion Ratio Lower Upper

142 100

141 93.5 71.9 107.9





#10

Acenaphthylene

Concen: 0.036 ng/ul

RT: 14.325 min Scan# 2437

Delta R.T. -0.005 min

Lab File: BN026087.D

Acq: 29 Jun 2023 10:13

Instrument :

BNA_N

ClientSampleId :

DCFT6DL

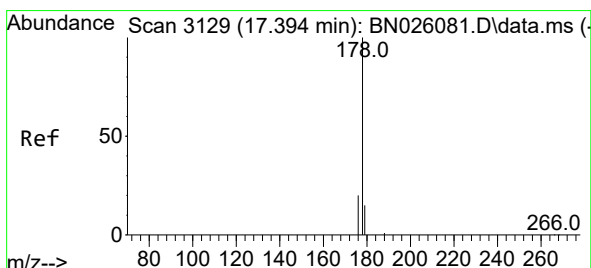
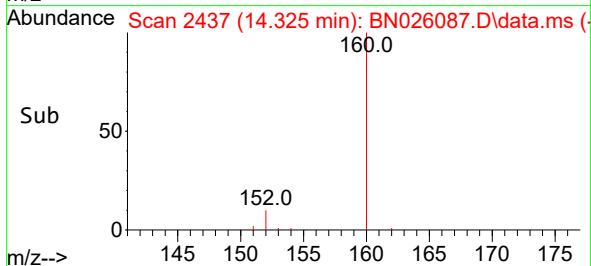
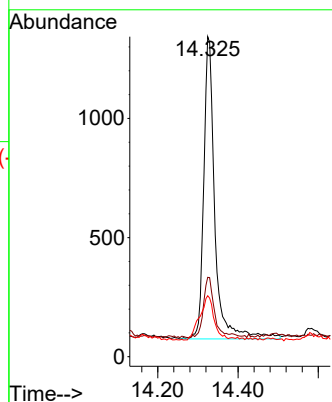
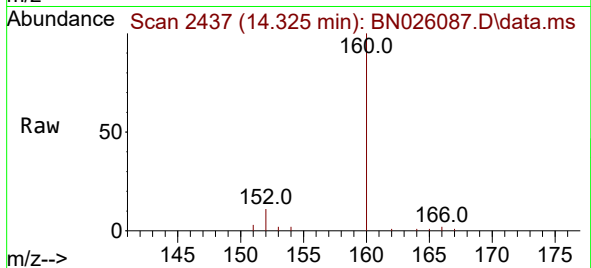
Tgt Ion:152 Resp: 2431

Ion Ratio Lower Upper

152 100

151 24.8 16.2 24.4#

153 19.1 10.9 16.3#



#15

Phenanthrene

Concen: 0.141 ng/ul

RT: 17.393 min Scan# 3129

Delta R.T. -0.009 min

Lab File: BN026087.D

Acq: 29 Jun 2023 10:13

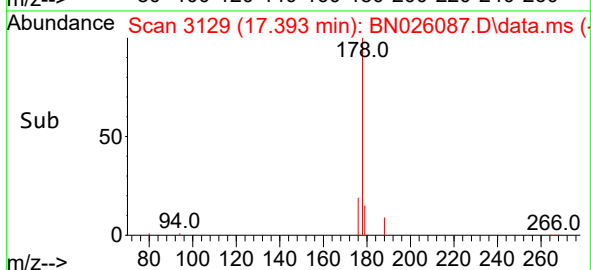
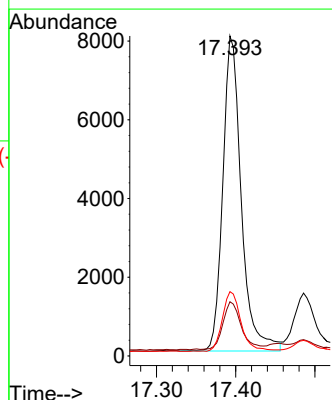
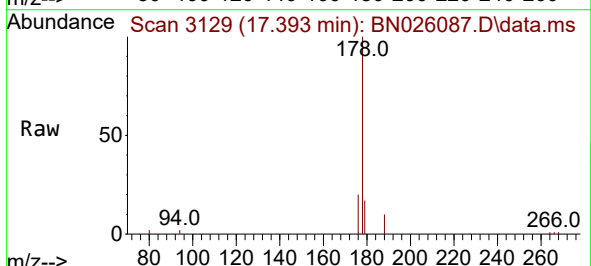
Tgt Ion:178 Resp: 12993

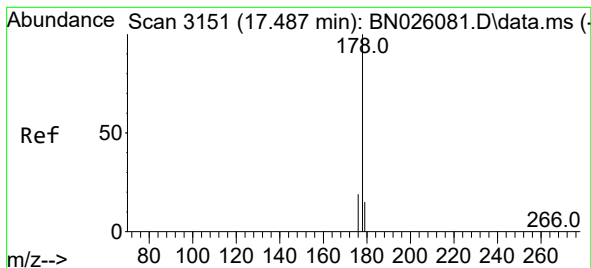
Ion Ratio Lower Upper

178 100

179 17.0 12.6 19.0

176 20.1 15.8 23.6





#16

Anthracene

Concen: 0.032 ng/ul

RT: 17.486 min Scan# 3151

Delta R.T. -0.009 min

Lab File: BN026087.D

Acq: 29 Jun 2023 10:13

Instrument :

BNA_N

ClientSampleId :

DCFT6DL

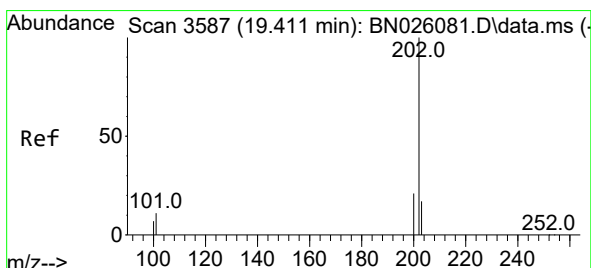
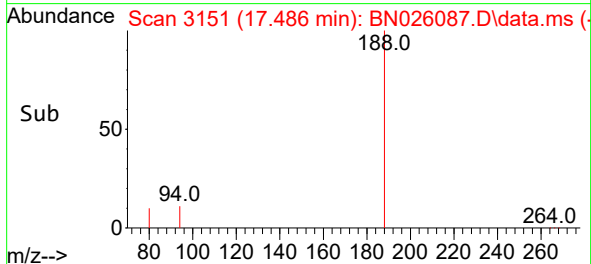
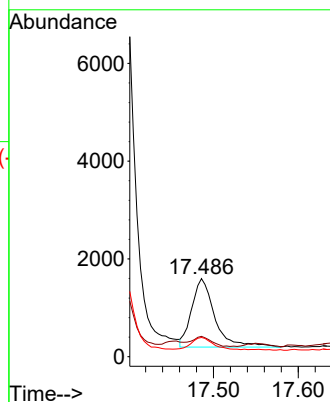
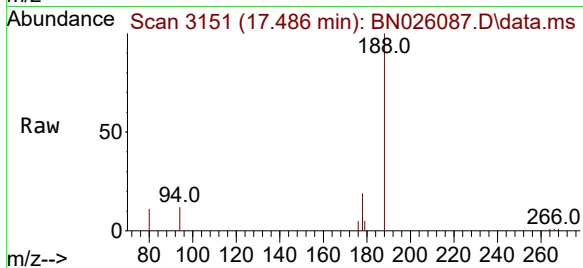
Tgt Ion:178 Resp: 2639

Ion Ratio Lower Upper

178 100

179 26.0 12.6 18.8#

176 24.6 15.1 22.7#



#19

Fluoranthene

Concen: 0.397 ng/ul

RT: 19.414 min Scan# 3588

Delta R.T. -0.001 min

Lab File: BN026087.D

Acq: 29 Jun 2023 10:13

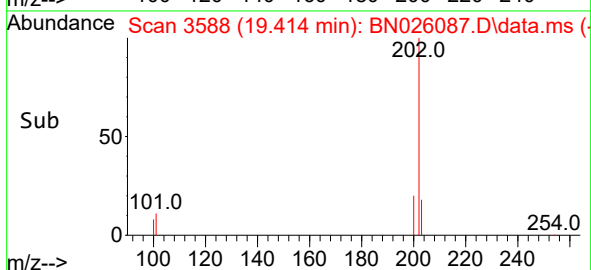
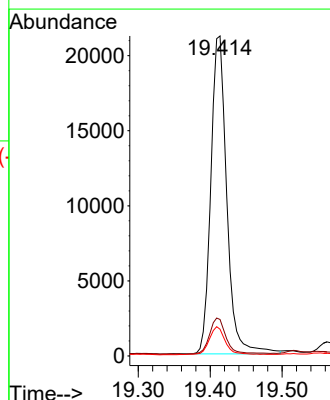
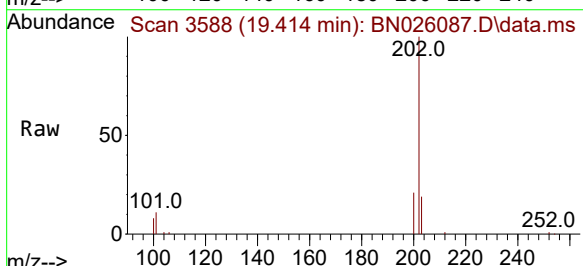
Tgt Ion:202 Resp: 32614

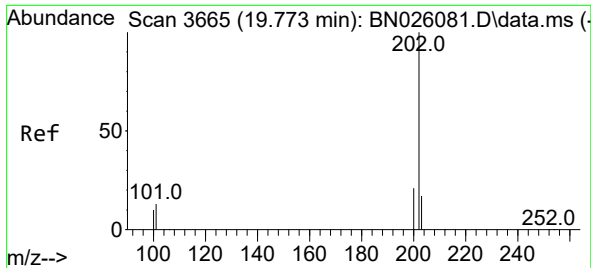
Ion Ratio Lower Upper

202 100

101 11.4 9.5 14.3

100 8.3 7.3 10.9

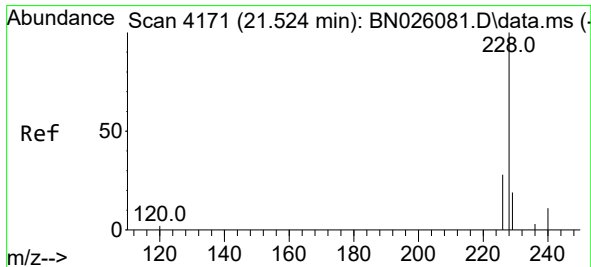
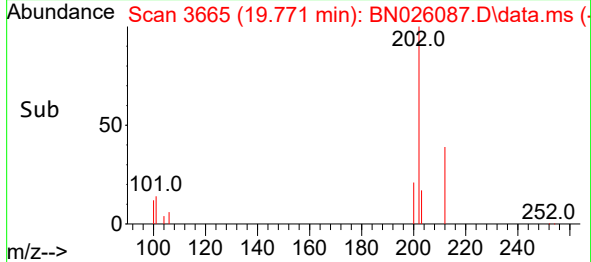
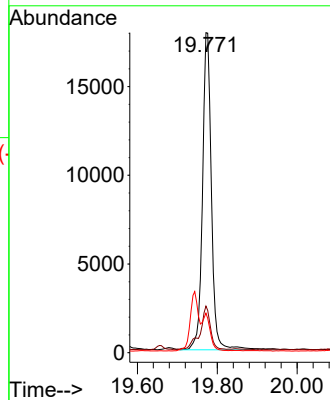
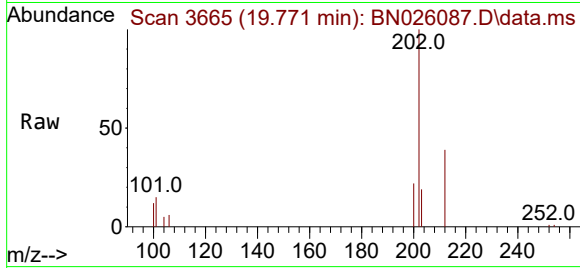




#20
Pyrene
Concen: 0.326 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026087.D
Acq: 29 Jun 2023 10:13

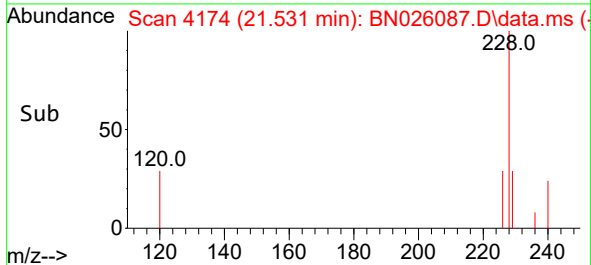
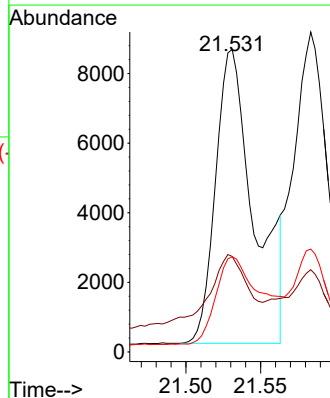
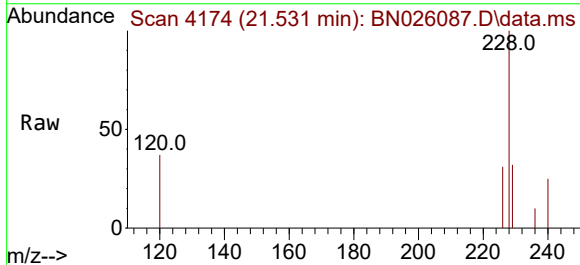
Instrument :
BNA_N
ClientSampleId :
DCFT6DL

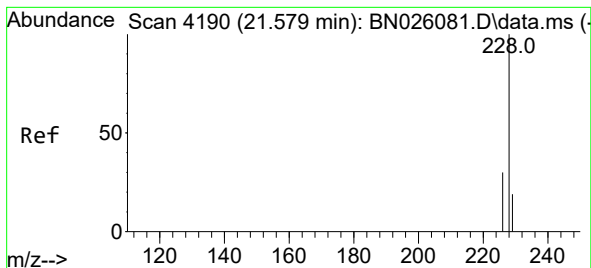
Tgt Ion:202 Resp: 27820
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 12.4 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.238 ng/ul
RT: 21.531 min Scan# 4174
Delta R.T. 0.002 min
Lab File: BN026087.D
Acq: 29 Jun 2023 10:13

Tgt Ion:228 Resp: 15105
Ion Ratio Lower Upper
228 100
229 31.5 15.8 23.6#
226 31.5 22.5 33.7





#22

Chrysene

Concen: 0.220 ng/ul

RT: 21.584 min Scan# 4190

Delta R.T. 0.005 min

Lab File: BN026087.D

Acq: 29 Jun 2023 10:13

Instrument :

BNA_N

ClientSampleId :

DCFT6DL

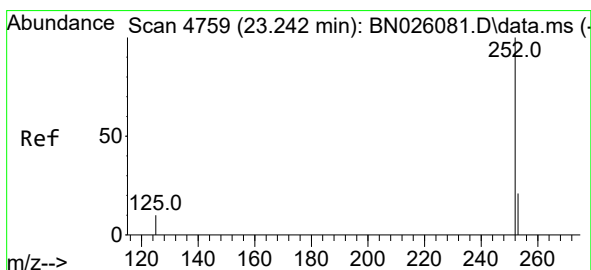
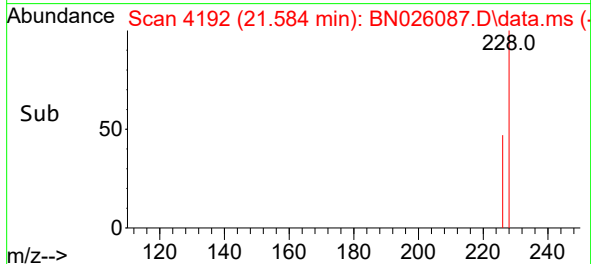
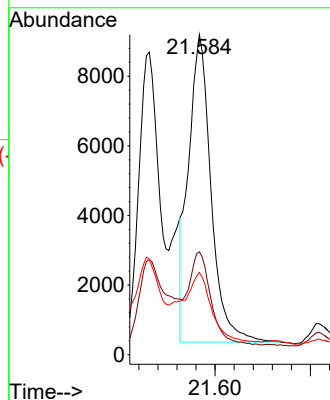
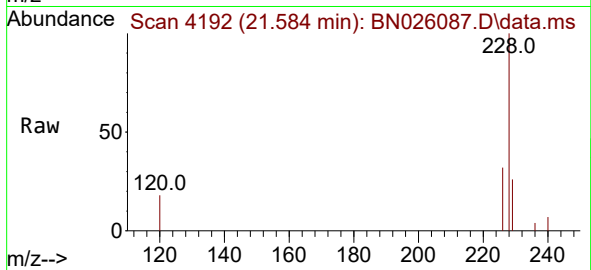
Tgt Ion:228 Resp: 14515

Ion Ratio Lower Upper

228 100

226 32.2 24.8 37.2

229 25.7 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 0.523 ng/ul

RT: 23.255 min Scan# 4764

Delta R.T. 0.002 min

Lab File: BN026087.D

Acq: 29 Jun 2023 10:13

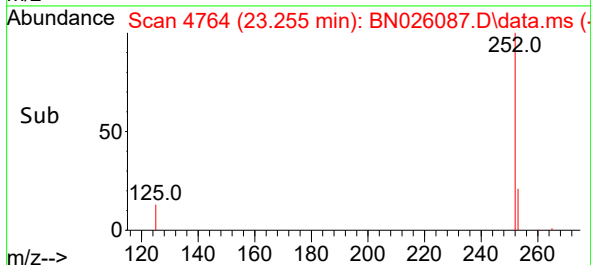
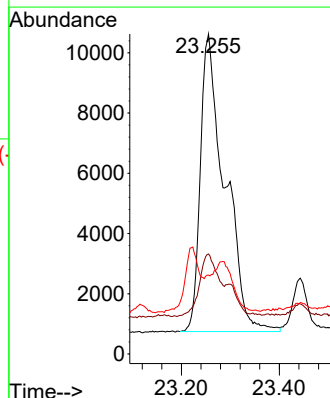
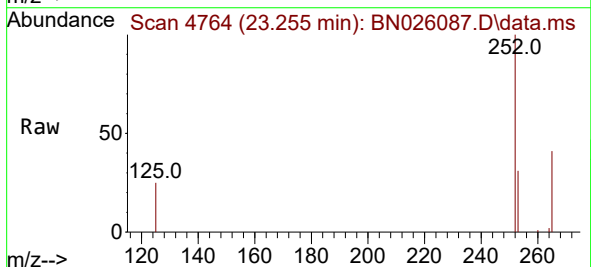
Tgt Ion:252 Resp: 34222

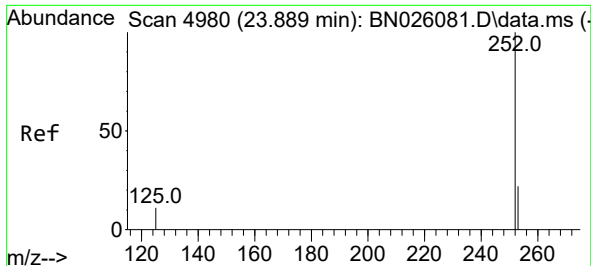
Ion Ratio Lower Upper

252 100

253 31.3 0.0 55.6

125 24.6 0.0 35.8

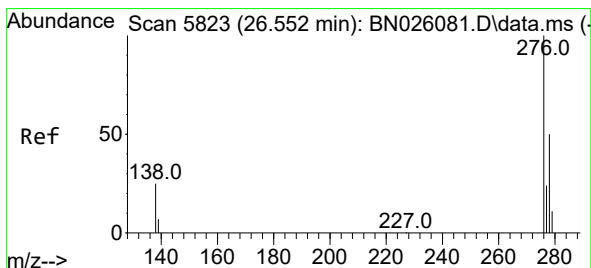
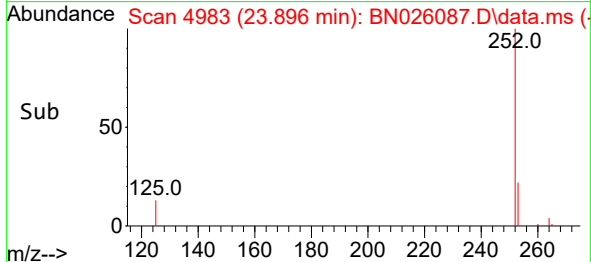
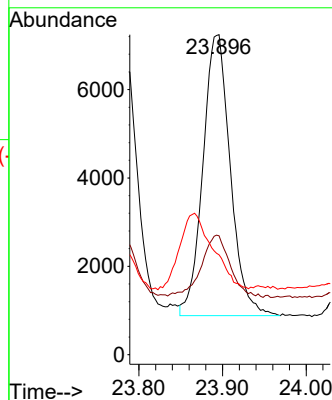
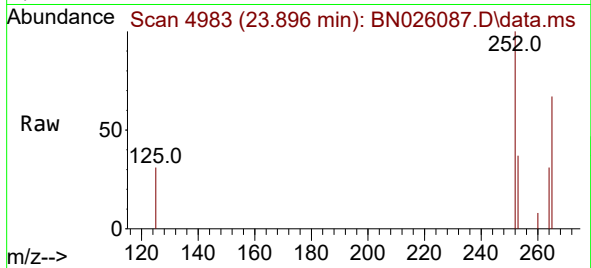




#26
Benzo(a)pyrene
Concen: 0.255 ng/ul
RT: 23.896 min Scan# 4983
Delta R.T. -0.010 min
Lab File: BN026087.D
Acq: 29 Jun 2023 10:13

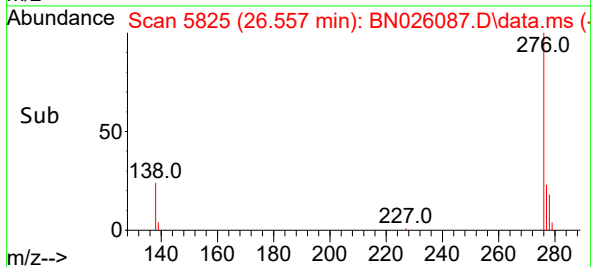
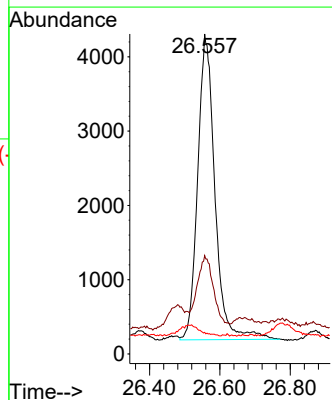
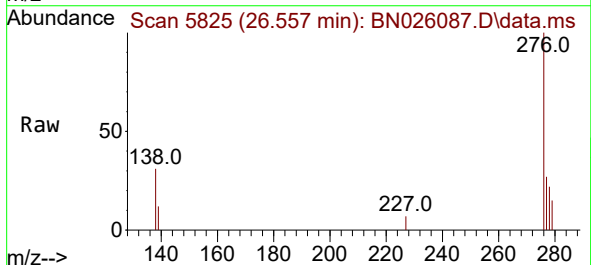
Instrument :
BNA_N
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DCFT6DL

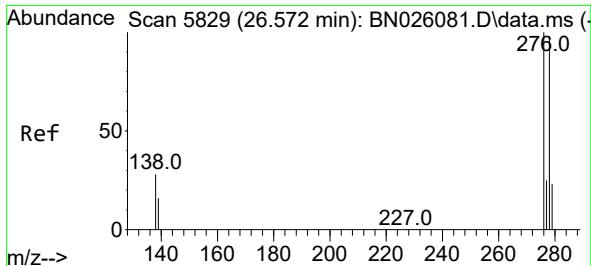
Tgt Ion:252 Resp: 14486
Ion Ratio Lower Upper
252 100
253 37.2 26.0 39.0
125 31.2 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.225 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. -0.038 min
Lab File: BN026087.D
Acq: 29 Jun 2023 10:13

Tgt Ion:276 Resp: 13962
Ion Ratio Lower Upper
276 100
138 22.0 24.5 36.7#
227 0.0 0.0 0.0

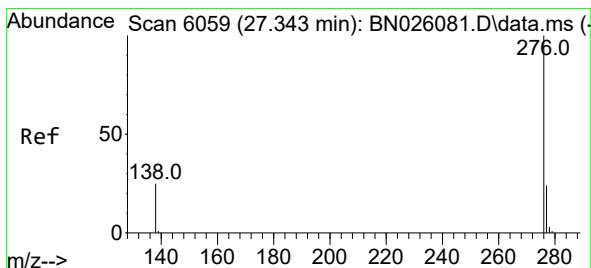
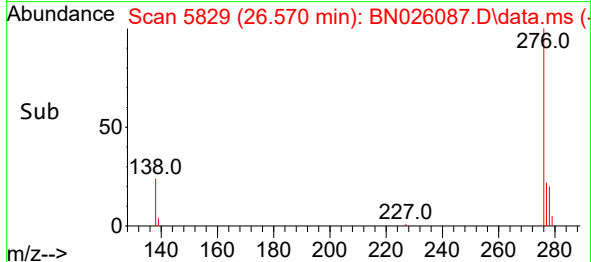
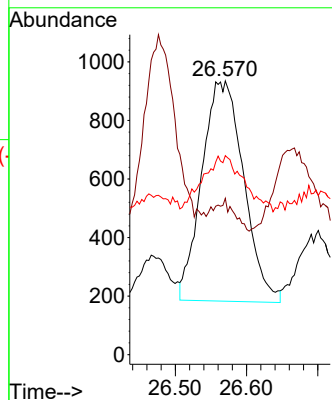
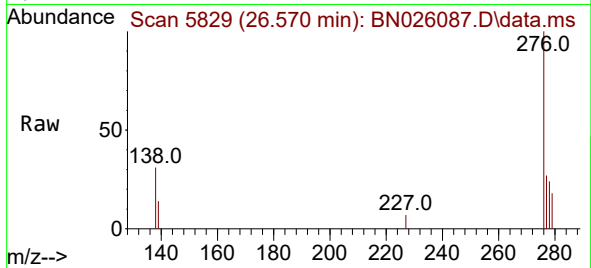




#28
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 26.570 min Scan# 5829
Delta R.T. -0.044 min
Lab File: BN026087.D
Acq: 29 Jun 2023 10:13

Instrument :
BNA_N
ClientSampleId :
DCFT6DL

Tgt Ion:278 Resp: 3071
Ion Ratio Lower Upper
278 100
139 57.1 19.0 28.4#
279 72.7 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.238 ng/ul
RT: 27.352 min Scan# 6062
Delta R.T. -0.034 min
Lab File: BN026087.D
Acq: 29 Jun 2023 10:13

Tgt Ion:276 Resp: 13158
Ion Ratio Lower Upper
276 100
138 32.7 23.4 35.0
277 28.5 20.0 30.0

