

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027437.D
 Acq On : 07 Sep 2023 11:38
 Operator : MA/JU
 Sample : 04113-04DL 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL1DL

Quant Time: Sep 08 01:56:04 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

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

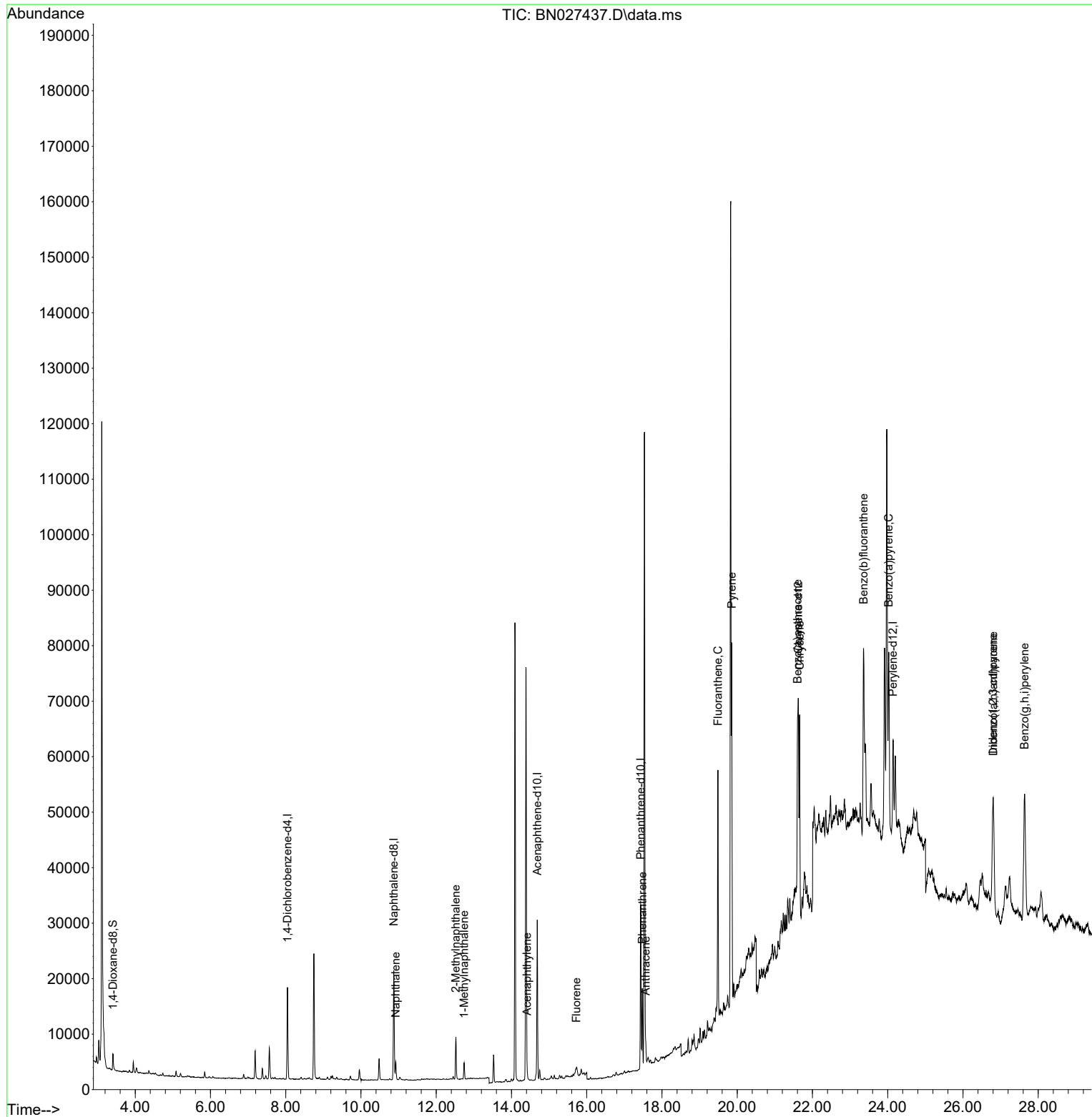
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	8213	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.872	136	27027	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.684	164	15783	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	34782	0.400	ng/ul	0.00
17) Chrysene-d12	21.621	240	26028	0.400	ng/ul	# 0.01
23) Perylene-d12	24.141	264	25120	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2247	0.206	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	719	0.018	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	1700	0.019	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	4194	0.053	ng/ul#	91
7) 2-Methylnaphthalene	12.522	142	5325	0.109	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	1950	0.037	ng/ul	99
10) Acenaphthylene	14.411	152	1682	0.023	ng/ul#	65
12) Fluorene	15.725	166	2175	0.031	ng/ul#	69
15) Phenanthrene	17.477	178	14901	0.132	ng/ul#	92
16) Anthracene	17.565	178	4201	0.047	ng/ul#	69
19) Fluoranthene	19.487	202	37061	0.310	ng/ul	98
20) Pyrene	19.855	202	54460	0.447	ng/ul	98
21) Benzo(a)anthracene	21.600	228	25067	0.267	ng/ul#	49
22) Chrysene	21.659	228	30063	0.275	ng/ul#	61
24) Benzo(b)fluoranthene	23.357	252	86263	0.727	ng/ul#	35
26) Benzo(a)pyrene	24.027	252	50324	0.543	ng/ul#	35
27) Indeno(1,2,3-cd)pyrene	26.800	276	40161	0.390	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.807	278	12121	0.154	ng/ul#	1
29) Benzo(g,h,i)perylene	27.636	276	53223	0.573	ng/ul#	71

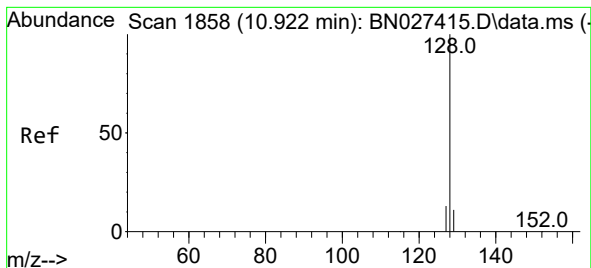
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.053 ng/ul

RT: 10.922 min Scan# 1858

Delta R.T. -0.011 min

Lab File: BN027437.D

Acq: 07 Sep 2023 11:38

Instrument :

BNA_N

ClientSampleId :

EZYL1DL

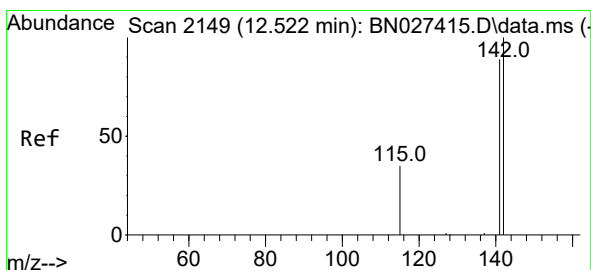
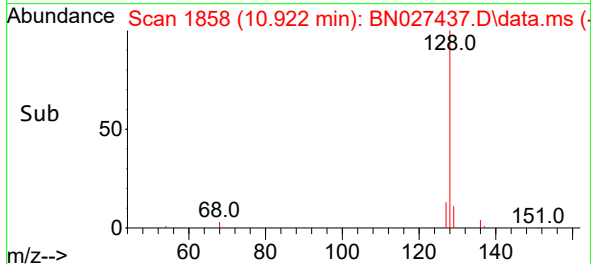
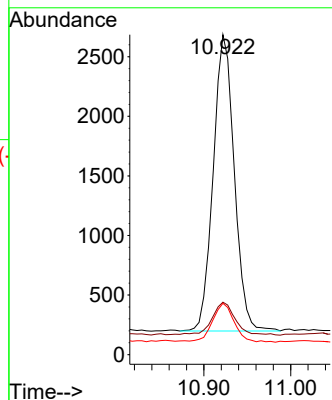
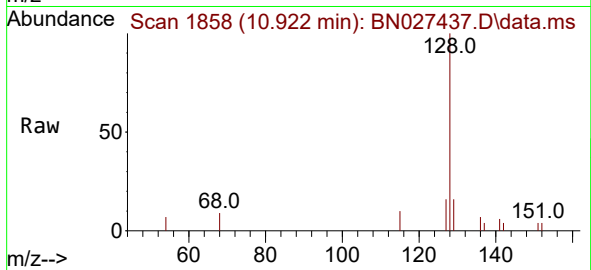
Tgt Ion:128 Resp: 4194

Ion Ratio Lower Upper

128 100

129 16.4 9.4 14.0#

127 16.1 10.6 16.0#



#7

2-Methylnaphthalene

Concen: 0.109 ng/ul

RT: 12.522 min Scan# 2149

Delta R.T. -0.011 min

Lab File: BN027437.D

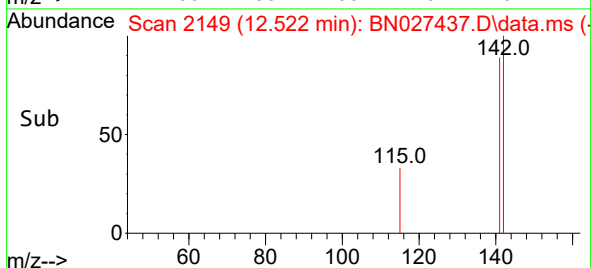
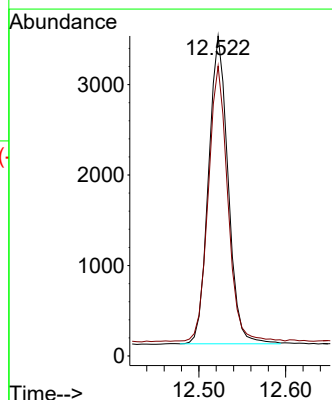
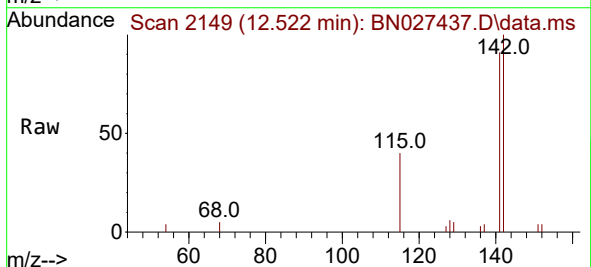
Acq: 07 Sep 2023 11:38

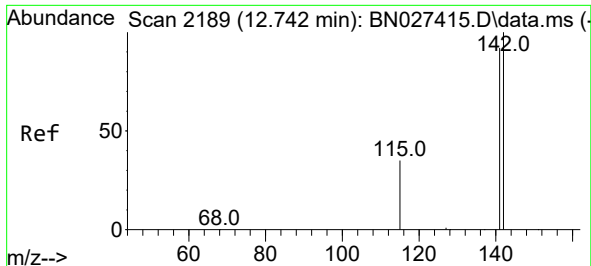
Tgt Ion:142 Resp: 5325

Ion Ratio Lower Upper

142 100

141 88.7 71.6 107.4

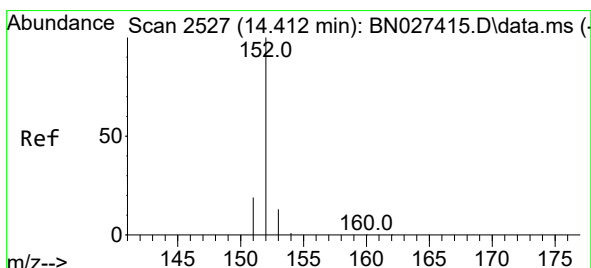
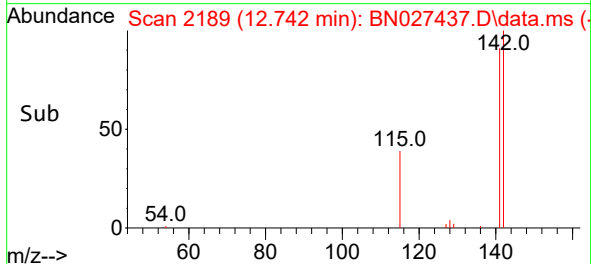
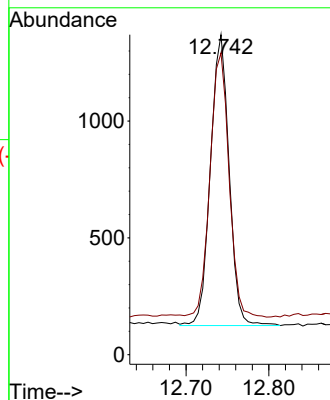
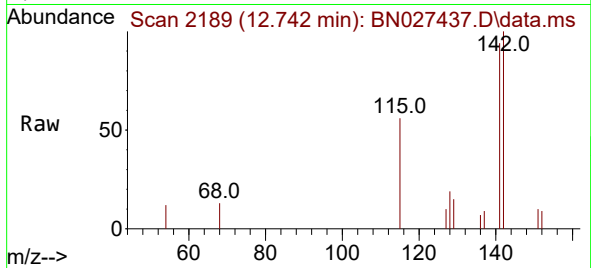




#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

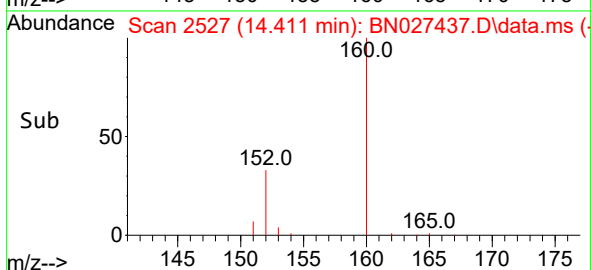
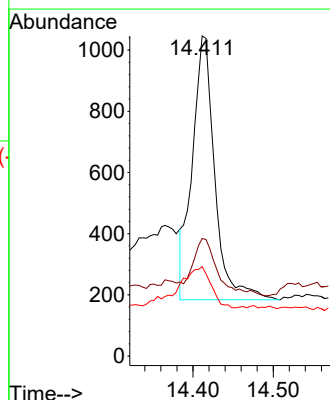
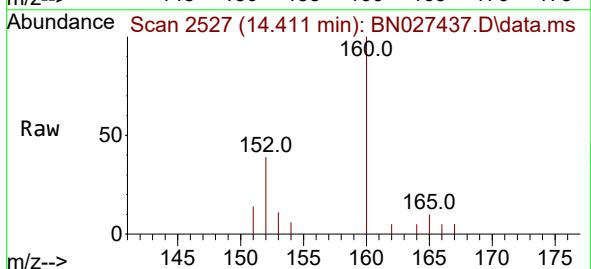
Instrument :
BNA_N
ClientSampleId :
EZY1DL

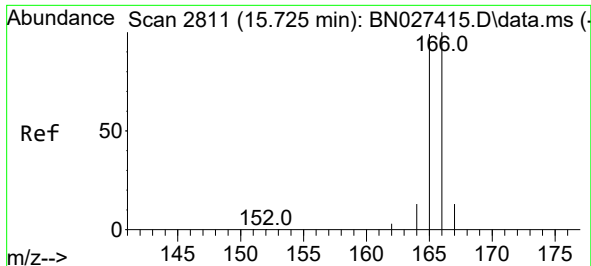
Tgt Ion:142 Resp: 1950
Ion Ratio Lower Upper
142 100
141 92.1 73.0 109.4



#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.411 min Scan# 2527
Delta R.T. -0.009 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

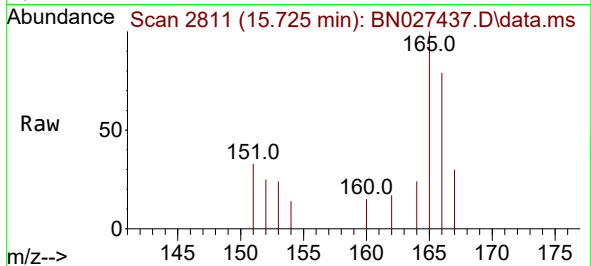
Tgt Ion:152 Resp: 1682
Ion Ratio Lower Upper
152 100
151 36.7 16.3 24.5#
153 27.9 11.1 16.7#



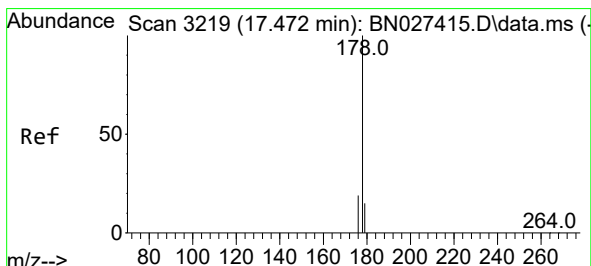
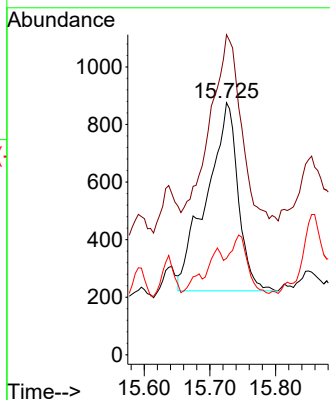
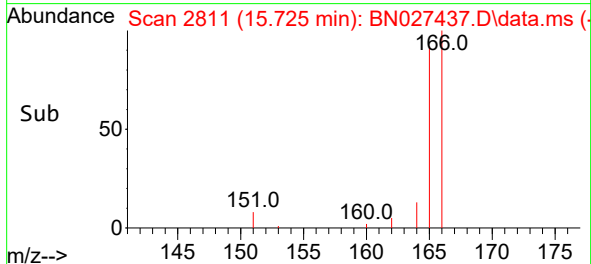


#12
Fluorene
Concen: 0.031 ng/ul
RT: 15.725 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

Instrument :
BNA_N
ClientSampleId :
EZY1DL

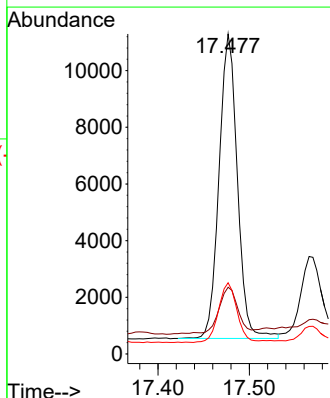
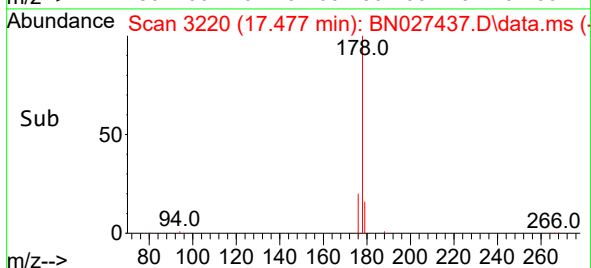
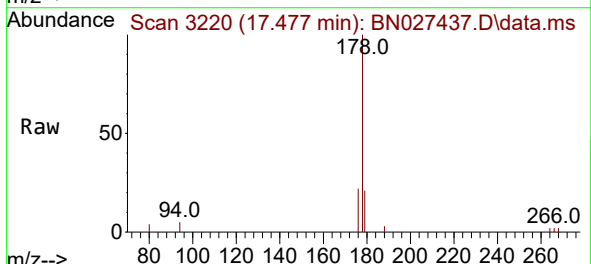


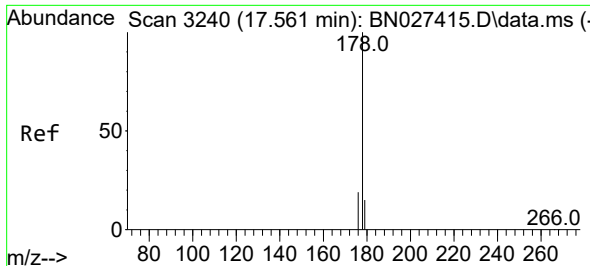
Tgt Ion:166 Resp: 2175
Ion Ratio Lower Upper
166 100
165 126.9 79.6 119.4#
167 38.2 11.4 17.0#



#15
Phenanthrene
Concen: 0.132 ng/ul
RT: 17.477 min Scan# 3220
Delta R.T. -0.004 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

Tgt Ion:178 Resp: 14901
Ion Ratio Lower Upper
178 100
179 20.9 12.6 19.0#
176 22.3 15.8 23.8

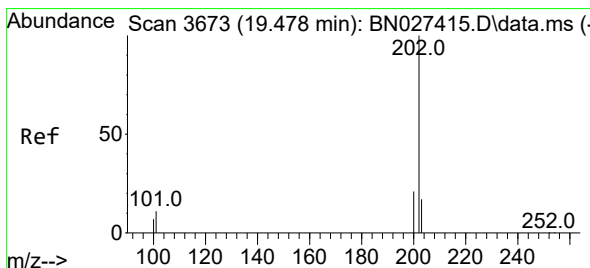
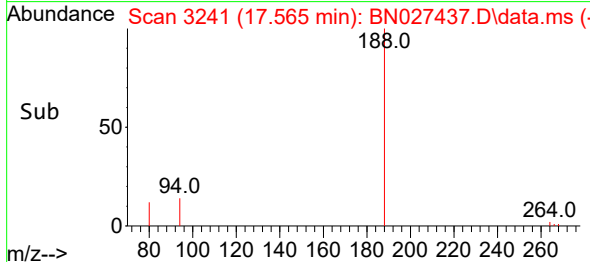
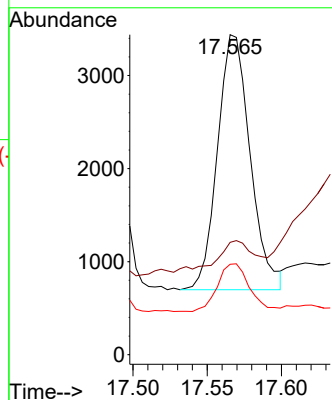
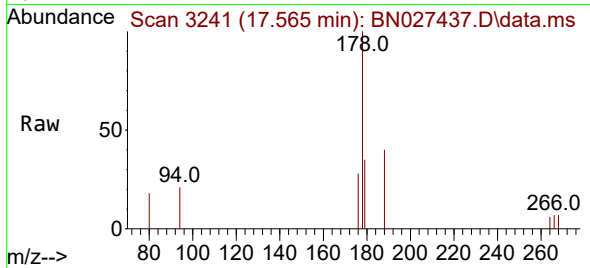




#16
 Anthracene
 Concen: 0.047 ng/ul
 RT: 17.565 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BN027437.D
 Acq: 07 Sep 2023 11:38

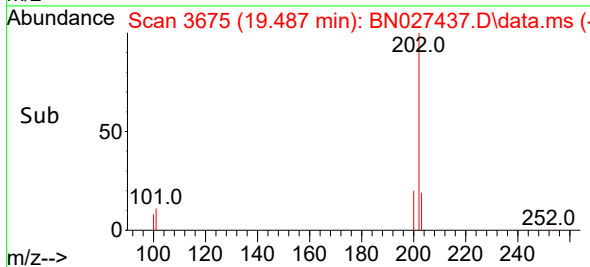
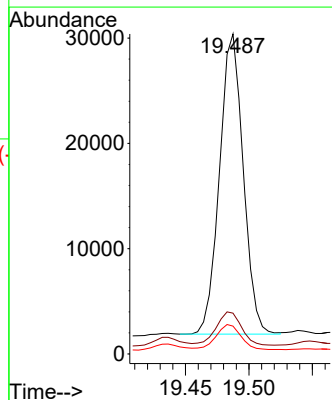
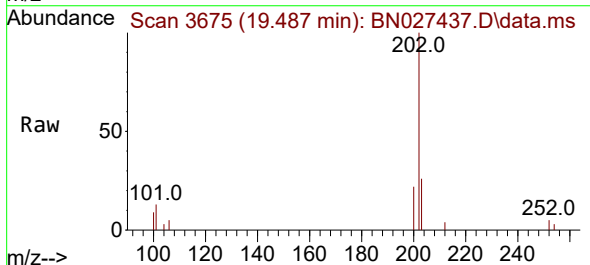
Instrument :
 BNA_N
 ClientSampleId :
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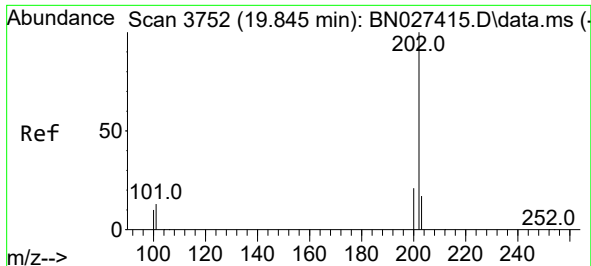
Tgt Ion:178 Resp: 4201
 Ion Ratio Lower Upper
 178 100
 179 35.1 13.0 19.6#
 176 28.2 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.310 ng/ul
 RT: 19.487 min Scan# 3675
 Delta R.T. 0.000 min
 Lab File: BN027437.D
 Acq: 07 Sep 2023 11:38

Tgt Ion:202 Resp: 37061
 Ion Ratio Lower Upper
 202 100
 101 12.8 9.4 14.0
 100 8.7 6.9 10.3

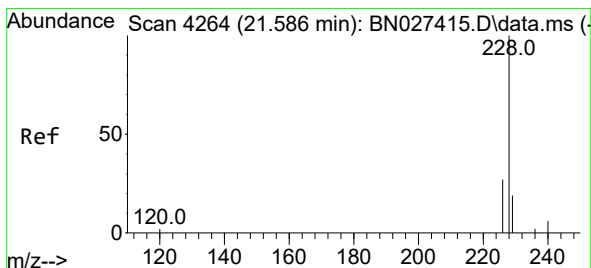
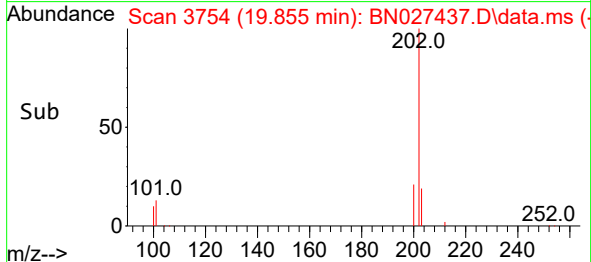
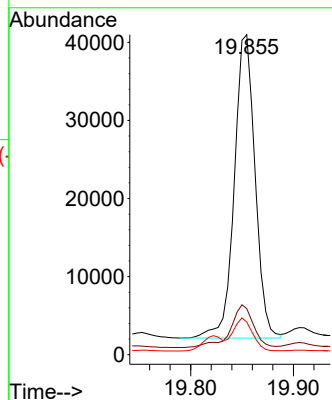
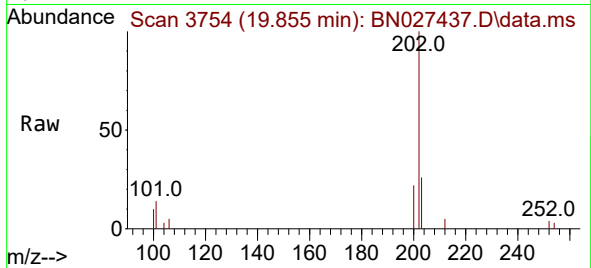




#20
Pyrene
Concen: 0.447 ng/ul
RT: 19.855 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

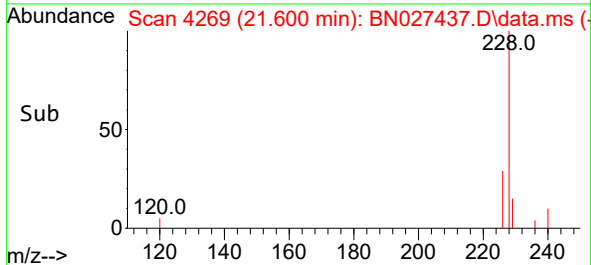
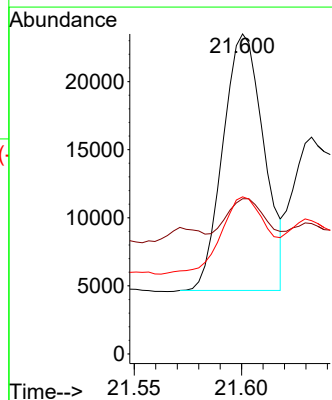
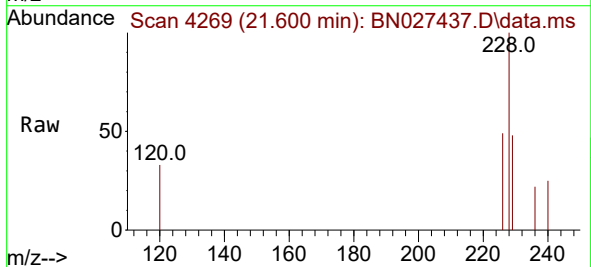
Instrument :
BNA_N
ClientSampleId :
EZY1DL

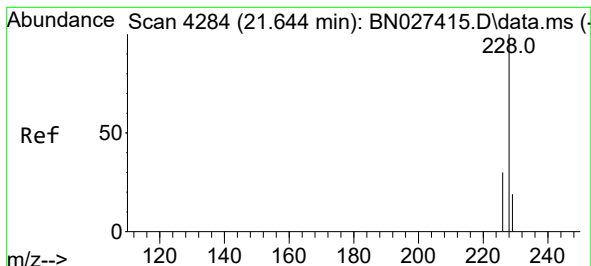
Tgt Ion:202 Resp: 54460
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.2
100 10.2 9.4 14.2



#21
Benzo(a)anthracene
Concen: 0.267 ng/ul
RT: 21.600 min Scan# 4269
Delta R.T. 0.009 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

Tgt Ion:228 Resp: 25067
Ion Ratio Lower Upper
228 100
229 48.5 15.7 23.5#
226 49.1 22.0 33.0#





#22

Chrysene

Concen: 0.275 ng/ul

RT: 21.659 min Scan# 41

Delta R.T. 0.012 min

Lab File: BN027437.D

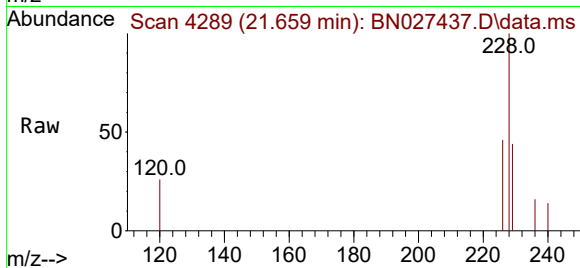
Acq: 07 Sep 2023 11:38

Instrument :

BNA_N

ClientSampleId :

EZYL1DL



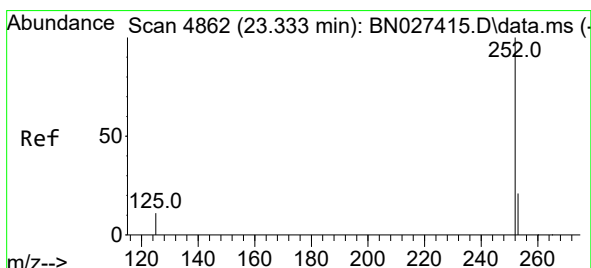
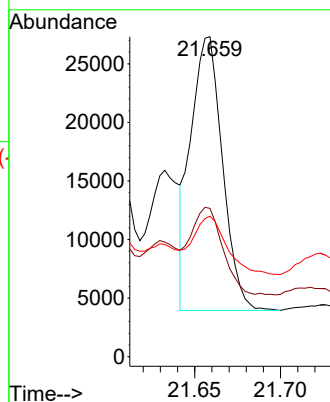
Tgt Ion:228 Resp: 30063

Ion Ratio Lower Upper

228 100

226 46.4 24.4 36.6#

229 43.9 15.6 23.4#



#24

Benzo(b)fluoranthene

Concen: 0.727 ng/ul

RT: 23.357 min Scan# 4870

Delta R.T. 0.012 min

Lab File: BN027437.D

Acq: 07 Sep 2023 11:38

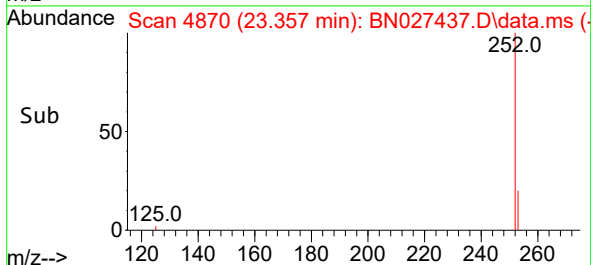
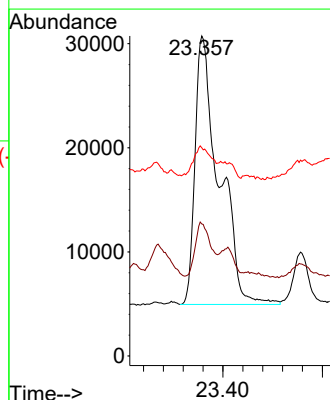
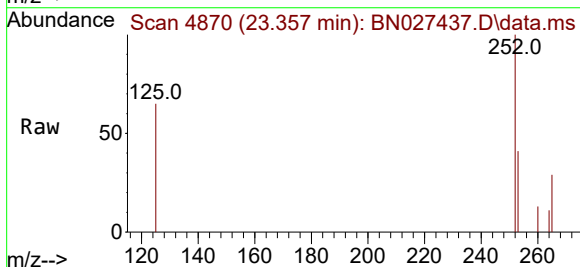
Tgt Ion:252 Resp: 86263

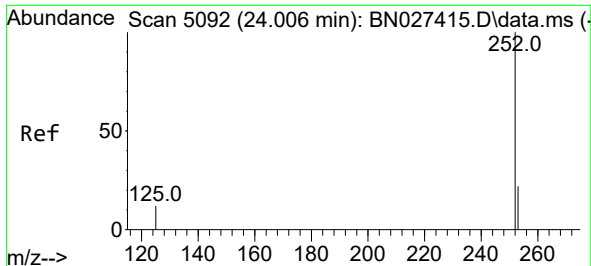
Ion Ratio Lower Upper

252 100

253 41.2 0.0 49.6

125 65.1 0.0 33.8#

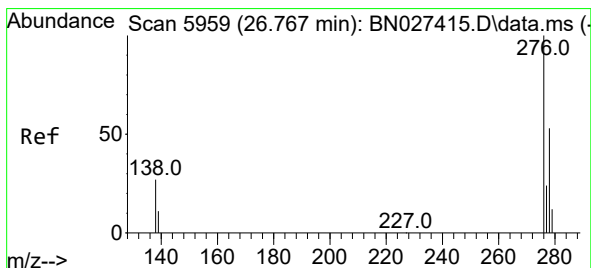
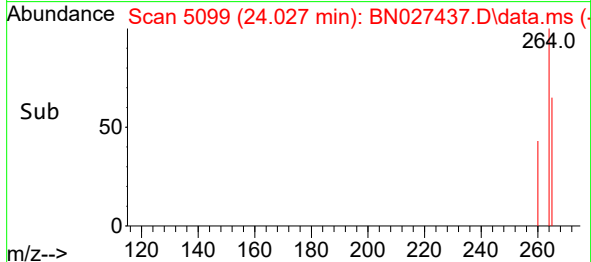
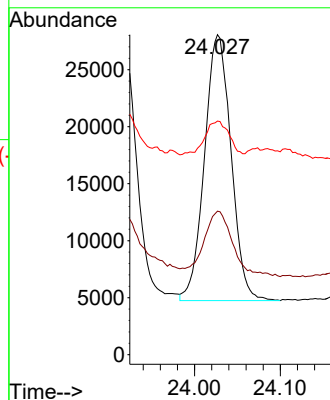
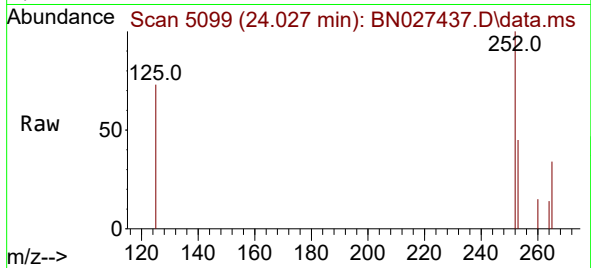




#26
Benzo(a)pyrene
Concen: 0.543 ng/ul
RT: 24.027 min Scan# 5099
Delta R.T. 0.009 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

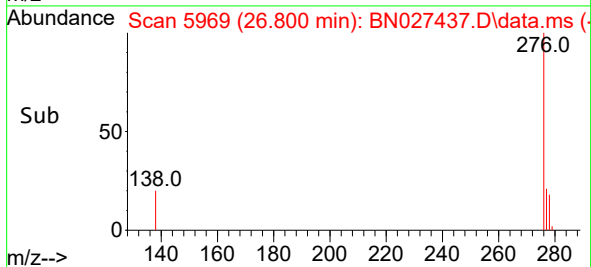
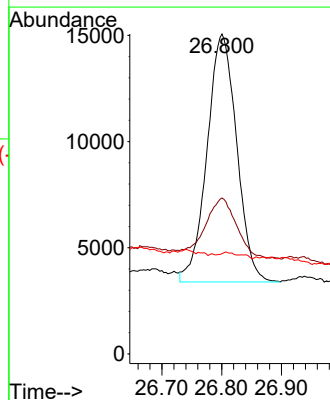
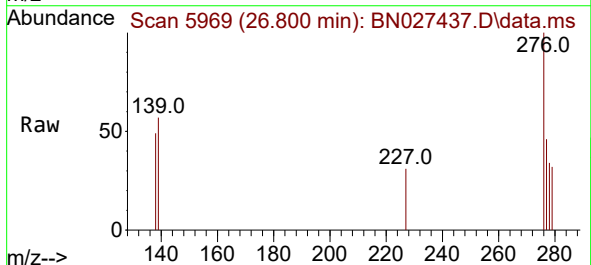
Instrument :
BNA_N
ClientSampleId :
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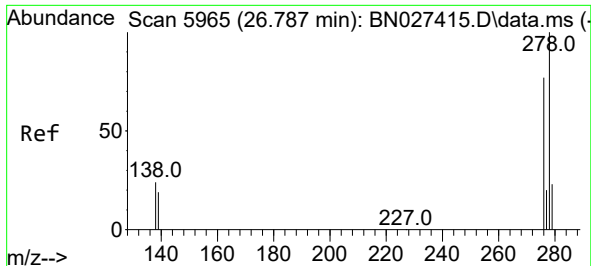
Tgt Ion:252 Resp: 50324
Ion Ratio Lower Upper
252 100
253 44.9 22.4 33.6#
125 73.0 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 26.800 min Scan# 5969
Delta R.T. 0.000 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

Tgt Ion:276 Resp: 40161
Ion Ratio Lower Upper
276 100
138 25.6 23.9 35.9
227 0.0 0.1 0.1#

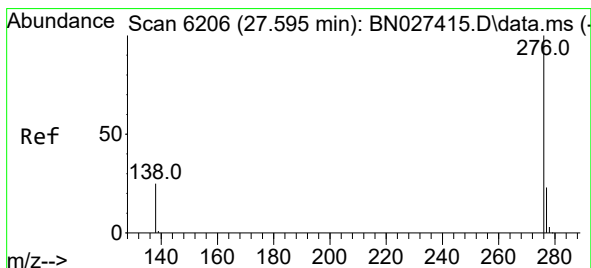
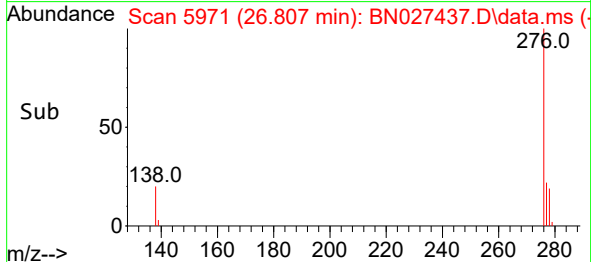
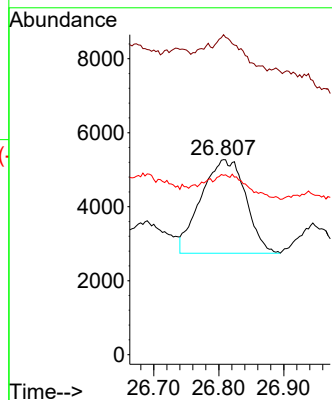
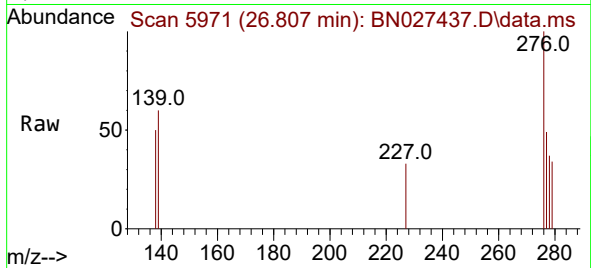




#28
Dibenzo(a,h)anthracene
Concen: 0.154 ng/ul
RT: 26.807 min Scan# 5965
Delta R.T. -0.027 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

Instrument :
BNA_N
ClientSampleId :
EZY1DL

Tgt Ion:278 Resp: 12121
Ion Ratio Lower Upper
278 100
139 164.1 18.0 27.0#
279 92.0 22.7 34.1#



#29
Benzo(g,h,i)perylene
Concen: 0.573 ng/ul
RT: 27.636 min Scan# 6218
Delta R.T. 0.007 min
Lab File: BN027437.D
Acq: 07 Sep 2023 11:38

Tgt Ion:276 Resp: 53223
Ion Ratio Lower Upper
276 100
138 42.3 22.1 33.1#
277 40.9 20.2 30.4#

