

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027860.D
 Acq On : 26 Sep 2023 13:42
 Operator : MA/JU
 Sample : 04475-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYK9

Quant Time: Sep 27 03:00:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

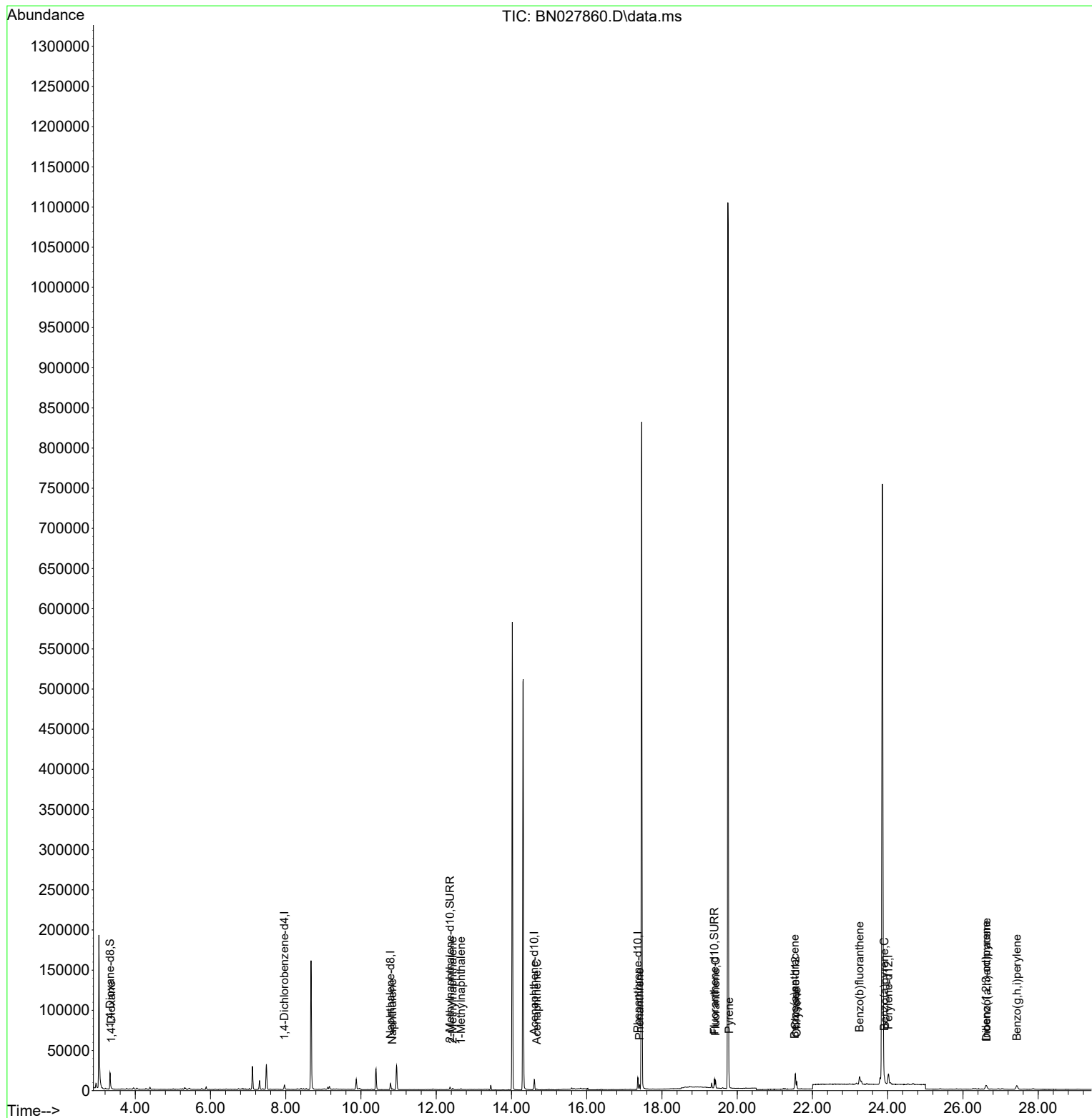
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	2825	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	10492	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	7241	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.359	188	17031	0.400	ng/ul	0.02
17) Chrysene-d12	21.545	240	16485	0.400	ng/ul	0.02
23) Perylene-d12	24.018	264	19717	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	14098	3.962	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	4045	0.254	ng/ul	0.01
18) Fluoranthene-d10	19.395	212	11464	0.228	ng/ul	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	79	0.021	ng/ul#	1
5) Naphthalene	10.834	128	1583	0.053	ng/ul#	81
7) 2-Methylnaphthalene	12.440	142	1141	0.060	ng/ul	97
8) 1-Methylnaphthalene	12.660	142	740	0.038	ng/ul	99
11) Acenaphthene	14.671	153	679	0.025	ng/ul	93
15) Phenanthrene	17.401	178	5966	0.111	ng/ul#	95
19) Fluoranthene	19.422	202	7779	0.117	ng/ul#	82
20) Pyrene	19.785	202	8867	0.129	ng/ul#	91
21) Benzo(a)anthracene	21.525	228	5268	0.083	ng/ul#	90
22) Chrysene	21.580	228	10771	0.163	ng/ul#	94
24) Benzo(b)fluoranthene	23.252	252	22216	0.253	ng/ul#	65
26) Benzo(a)pyrene	23.907	252	8244	0.117	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	26.613	276	8888	0.098	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.629	278	2469	0.034	ng/ul#	1
29) Benzo(g,h,i)perylene	27.431	276	10573	0.137	ng/ul	93

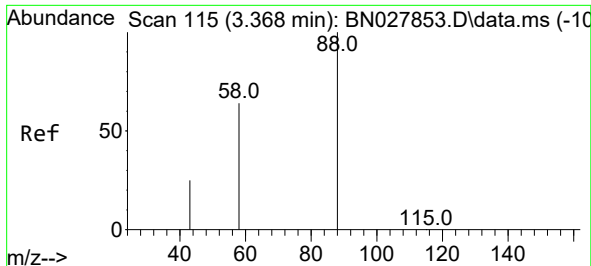
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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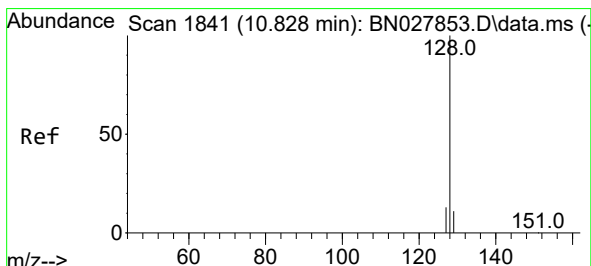
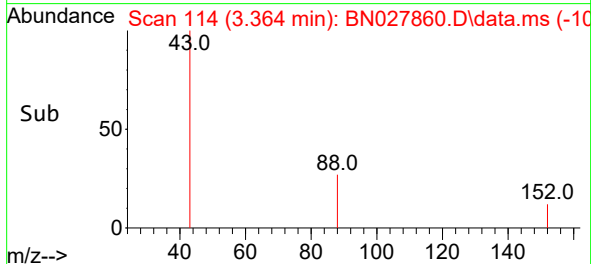
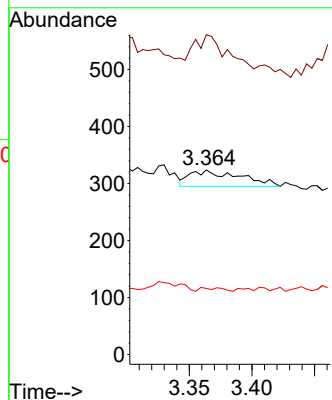
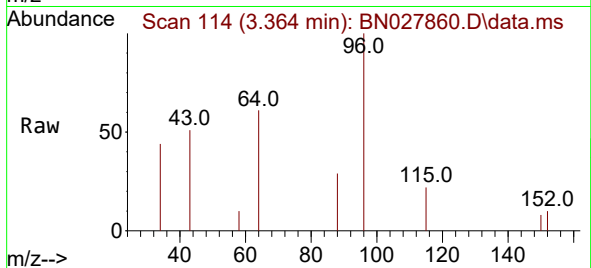




#2
1,4-Dioxane
Concen: 0.021 ng/ul
RT: 3.364 min Scan# 115
Delta R.T. -0.009 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

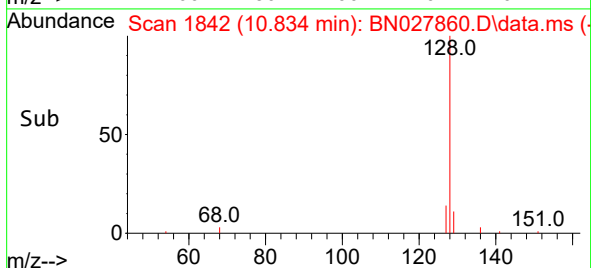
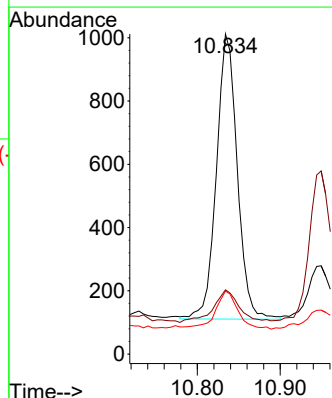
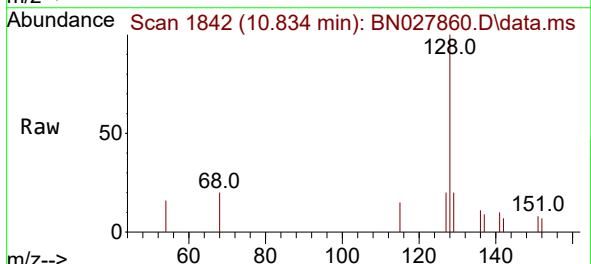
Instrument :
BNA_N
ClientSampleId :
EZYK9

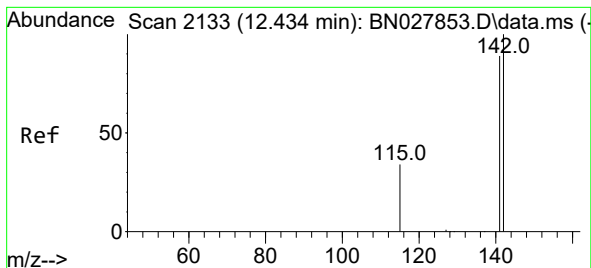
Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
43 173.1 39.6 59.4#
58 35.8 48.3 72.5#



#5
Naphthalene
Concen: 0.053 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

Tgt Ion: 128 Resp: 1583
Ion Ratio Lower Upper
128 100
129 20.1 9.3 13.9#
127 19.7 10.7 16.1#

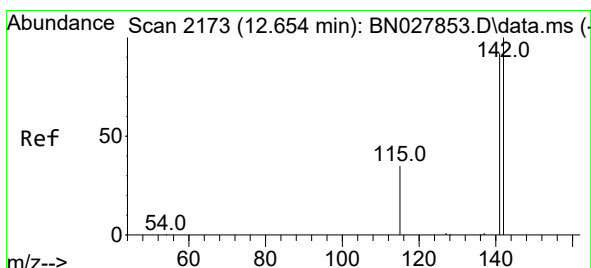
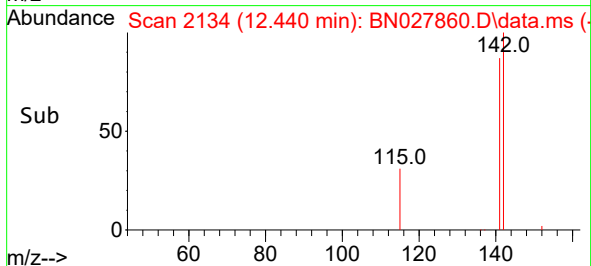
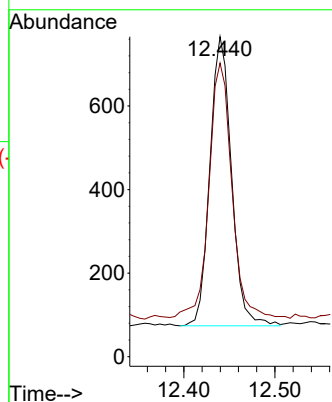
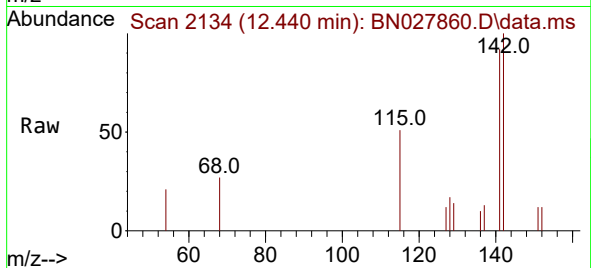




#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.440 min Scan# 2133
Delta R.T. 0.012 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

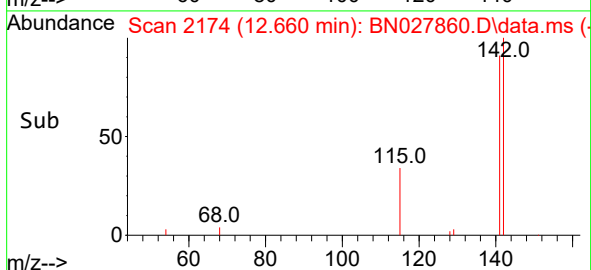
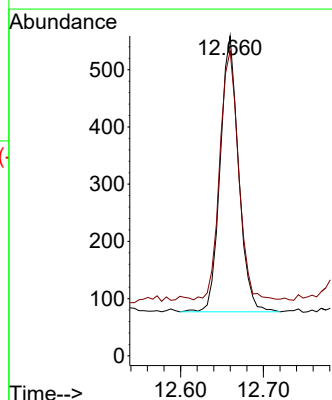
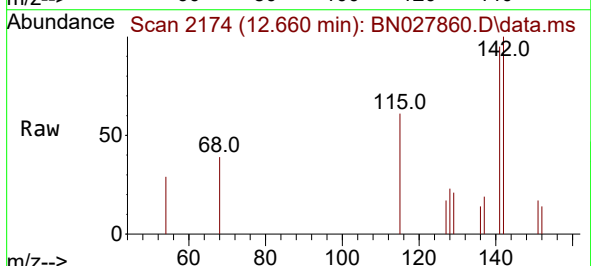
Instrument :
BNA_N
ClientSampleId :
EZYK9

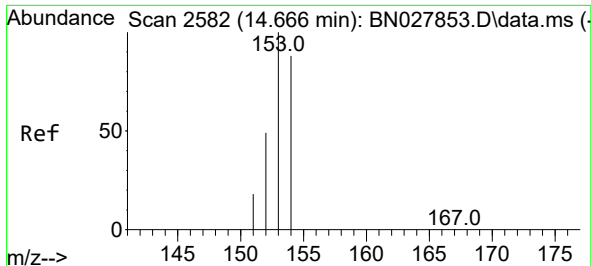
Tgt Ion:142 Resp: 1141
Ion Ratio Lower Upper
142 100
141 92.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.660 min Scan# 2174
Delta R.T. 0.012 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

Tgt Ion:142 Resp: 740
Ion Ratio Lower Upper
142 100
141 92.2 72.8 109.2

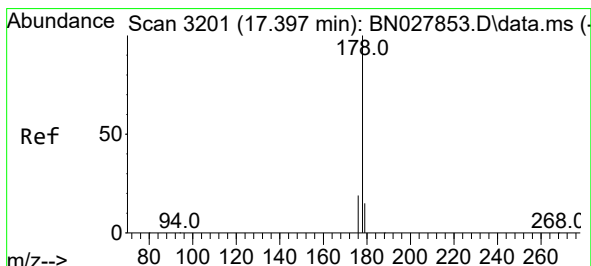
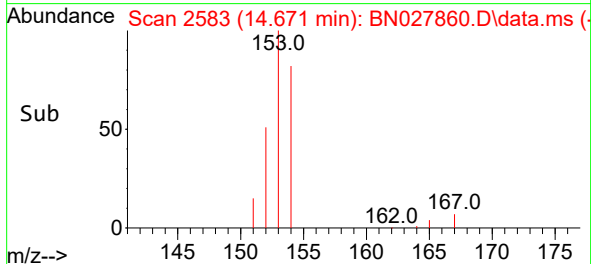
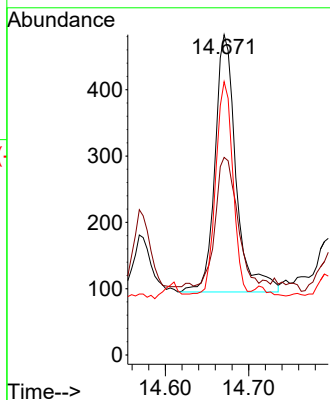
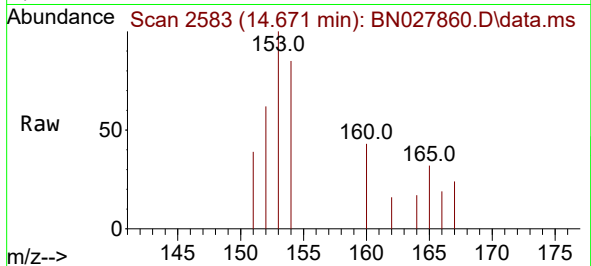




#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.671 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

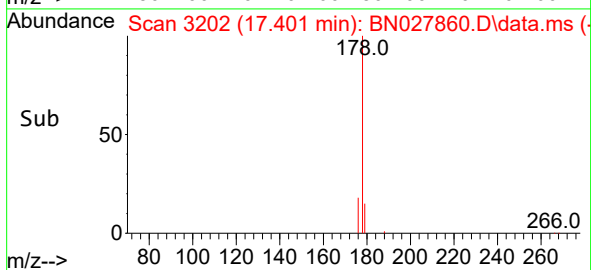
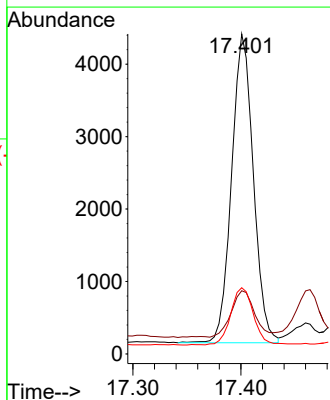
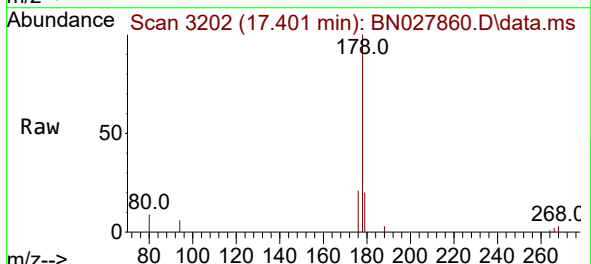
Instrument :
BNA_N
ClientSampleId :
EZYK9

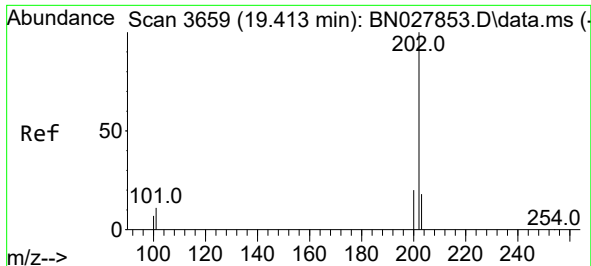
Tgt Ion:153 Resp: 679
Ion Ratio Lower Upper
153 100
152 61.7 41.7 62.5
154 85.3 70.3 105.5



#15
Phenanthrene
Concen: 0.111 ng/ul
RT: 17.401 min Scan# 3202
Delta R.T. 0.016 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

Tgt Ion:178 Resp: 5966
Ion Ratio Lower Upper
178 100
179 19.7 12.4 18.6#
176 20.7 16.0 24.0

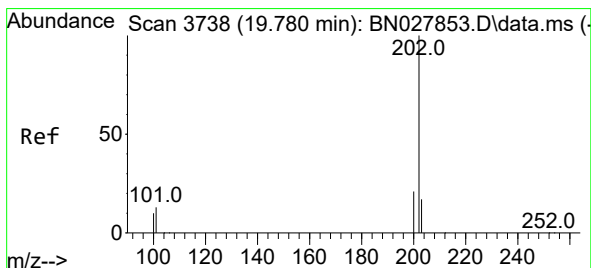
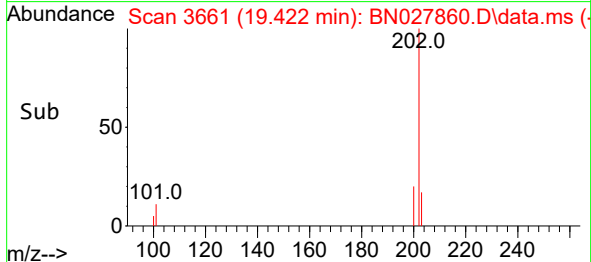
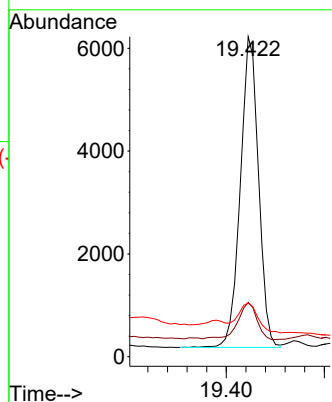
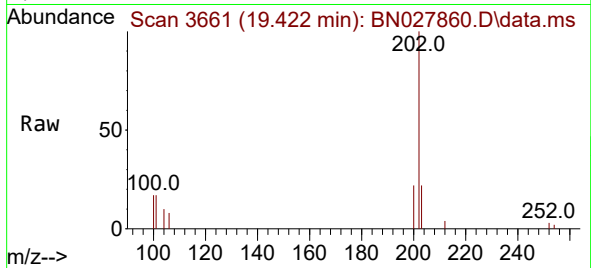




#19
Fluoranthene
Concen: 0.117 ng/ul
RT: 19.422 min Scan# 3661
Delta R.T. 0.027 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

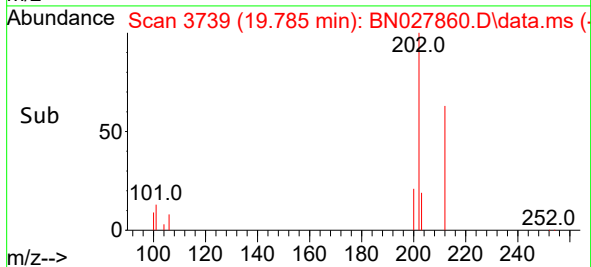
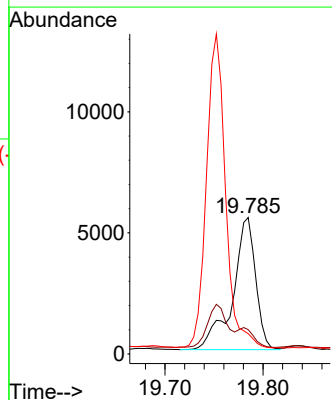
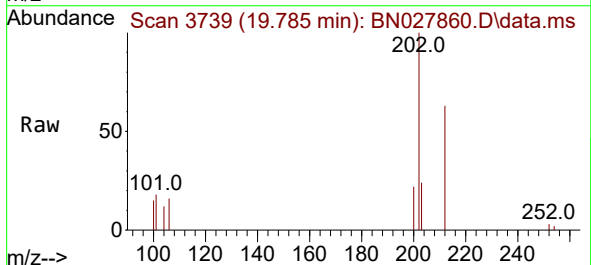
Instrument :
BNA_N
ClientSampleId :
EZYK9

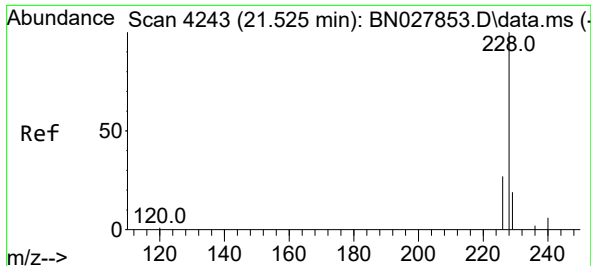
Tgt Ion:202 Resp: 7779
Ion Ratio Lower Upper
202 100
101 17.0 9.3 13.9#
100 16.7 7.0 10.4#



#20
Pyrene
Concen: 0.129 ng/ul
RT: 19.785 min Scan# 3739
Delta R.T. 0.022 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

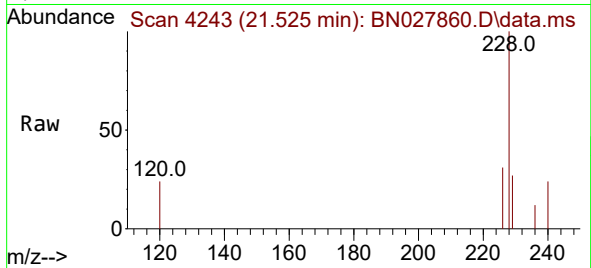
Tgt Ion:202 Resp: 8867
Ion Ratio Lower Upper
202 100
101 17.8 11.4 17.0#
100 14.9 9.1 13.7#



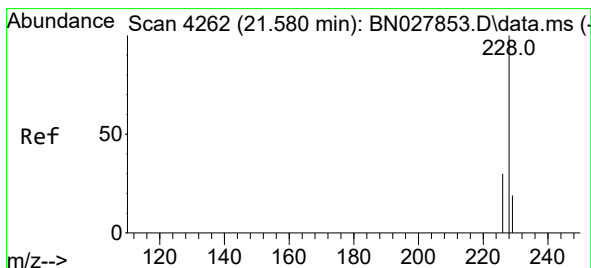
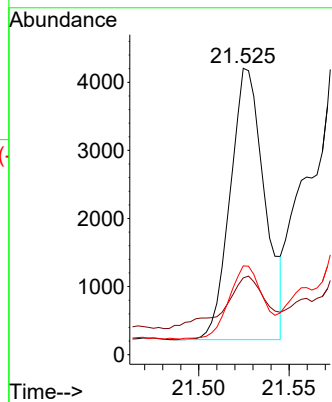
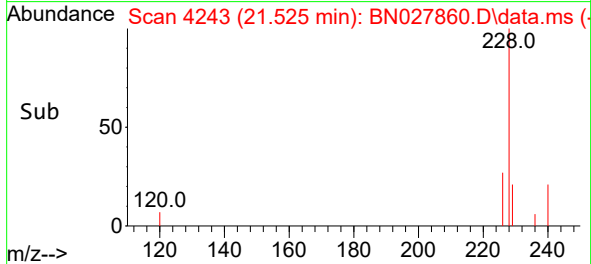


#21
Benzo(a)anthracene
Concen: 0.083 ng/ul
RT: 21.525 min Scan# 4243
Delta R.T. 0.021 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

Instrument :
BNA_N
ClientSampleId :
EZYK9

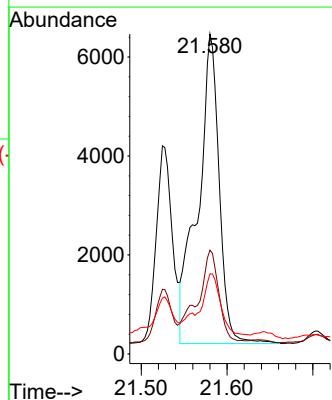
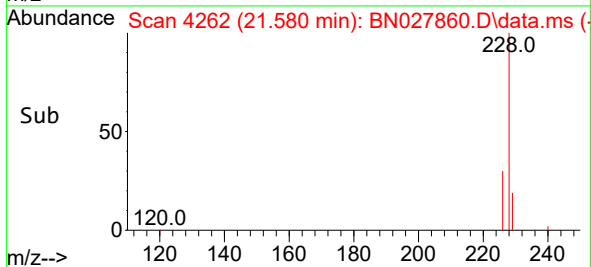
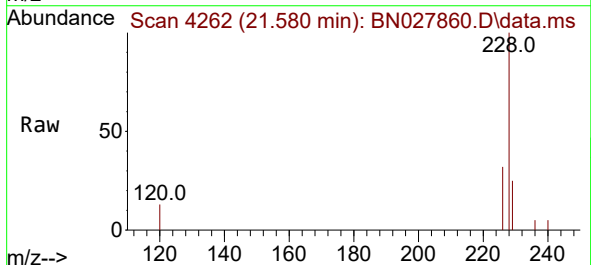


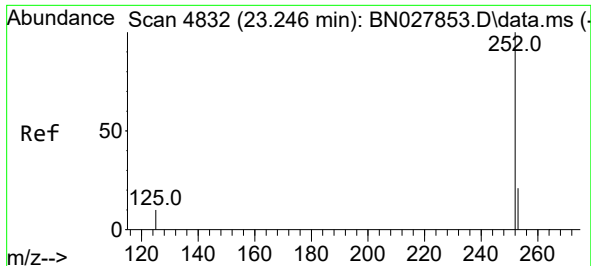
Tgt Ion:228 Resp: 5268
Ion Ratio Lower Upper
228 100
229 26.8 15.8 23.8#
226 31.0 22.0 33.0



#22
Chrysene
Concen: 0.163 ng/ul
RT: 21.580 min Scan# 4262
Delta R.T. 0.021 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

Tgt Ion:228 Resp: 10771
Ion Ratio Lower Upper
228 100
226 32.4 24.5 36.7
229 25.1 16.0 24.0#

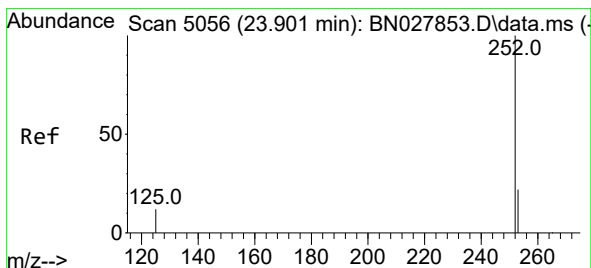
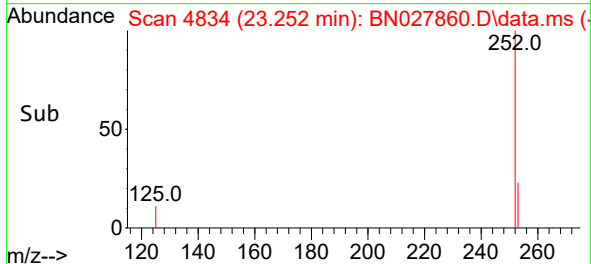
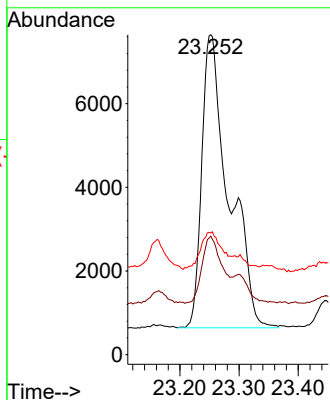
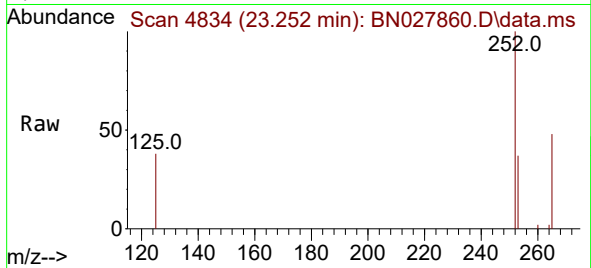




#24
Benzo(b)fluoranthene
Concen: 0.253 ng/ul
RT: 23.252 min Scan# 4834
Delta R.T. 0.012 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

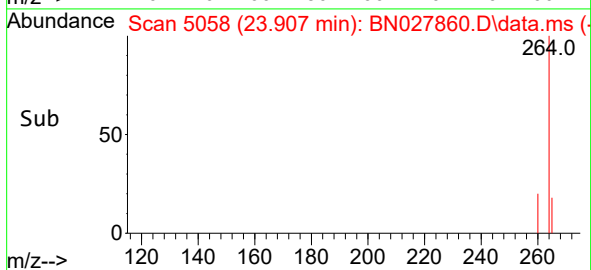
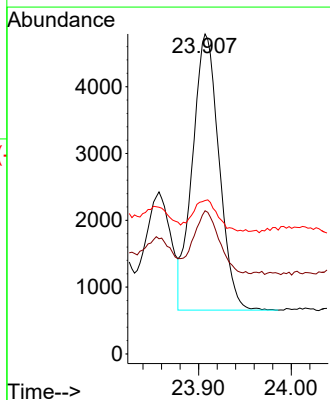
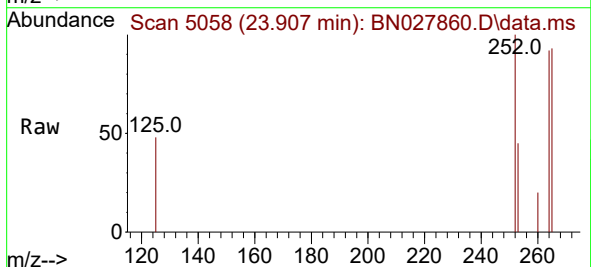
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BNA_N
ClientSampleId :
EZYK9

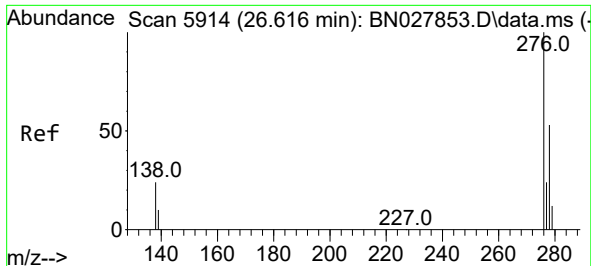
Tgt Ion:252 Resp: 22216
Ion Ratio Lower Upper
252 100
253 37.1 0.0 50.2
125 38.0 0.0 31.4#



#26
Benzo(a)pyrene
Concen: 0.117 ng/ul
RT: 23.907 min Scan# 5058
Delta R.T. 0.006 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

Tgt Ion:252 Resp: 8244
Ion Ratio Lower Upper
252 100
253 44.7 21.9 32.9#
125 47.9 15.5 23.3#

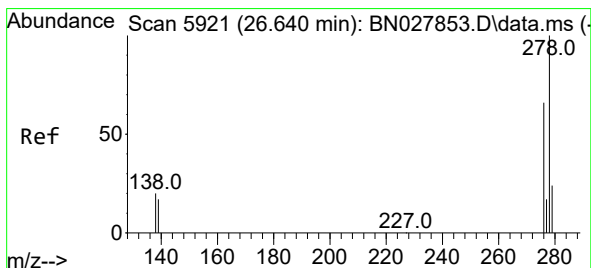
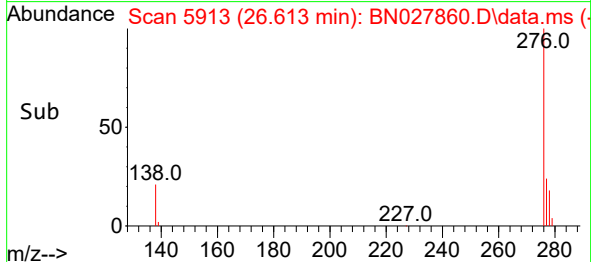
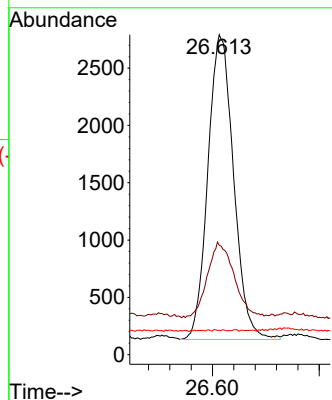
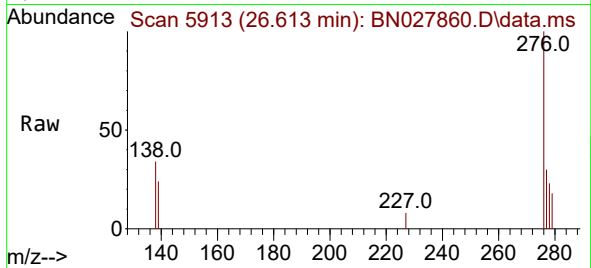




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng/ul
RT: 26.613 min Scan# 5913
Delta R.T. -0.020 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

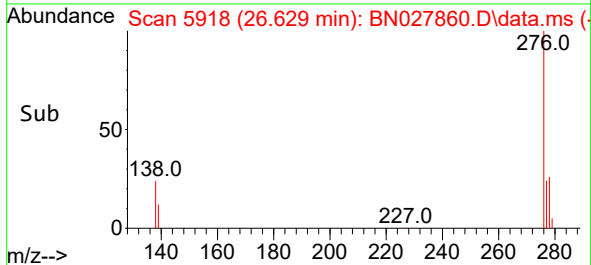
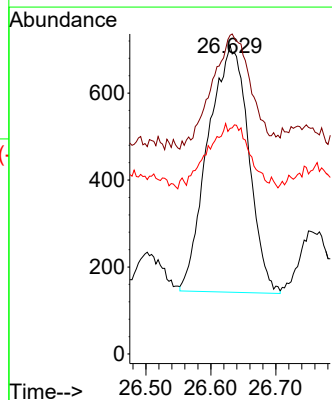
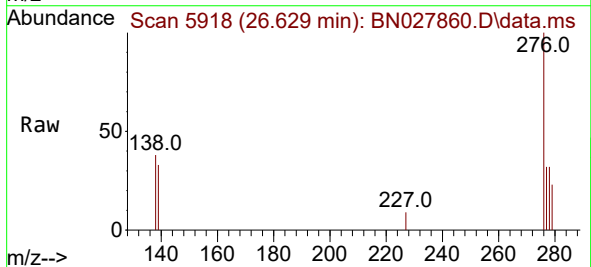
Instrument :
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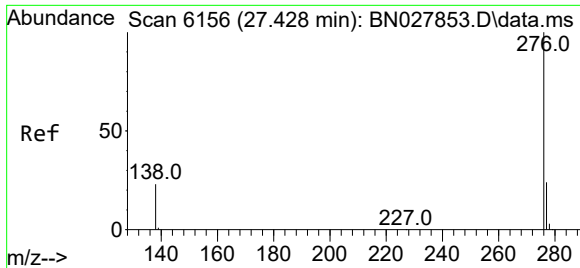
Tgt Ion:276 Resp: 8888
Ion Ratio Lower Upper
276 100
138 25.7 24.3 36.5
227 0.1 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 26.629 min Scan# 5918
Delta R.T. -0.027 min
Lab File: BN027860.D
Acq: 26 Sep 2023 13:42

Tgt Ion:278 Resp: 2469
Ion Ratio Lower Upper
278 100
139 103.4 17.2 25.8#
279 73.2 21.4 32.0#





#29

Benzo(g,h,i)perylene

Concen: 0.137 ng/ul

RT: 27.431 min Scan# 61

Delta R.T. -0.024 min

Lab File: BN027860.D

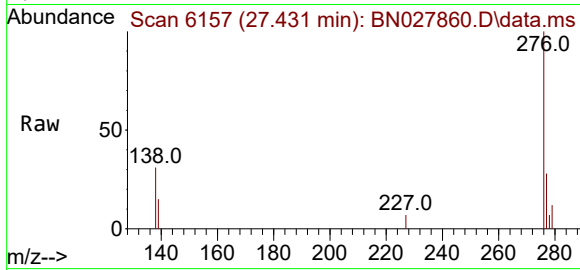
Acq: 26 Sep 2023 13:42

Instrument :

BNA_N

ClientSampleId :

EZYK9



Tgt Ion:276 Resp: 10573

Ion Ratio Lower Upper

276 100

138 31.3 21.7 32.5

277 28.2 20.2 30.2

