

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027415.D
 Acq On : 06 Sep 2023 20:47
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4259

Quant Time: Sep 06 23:25:35 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)

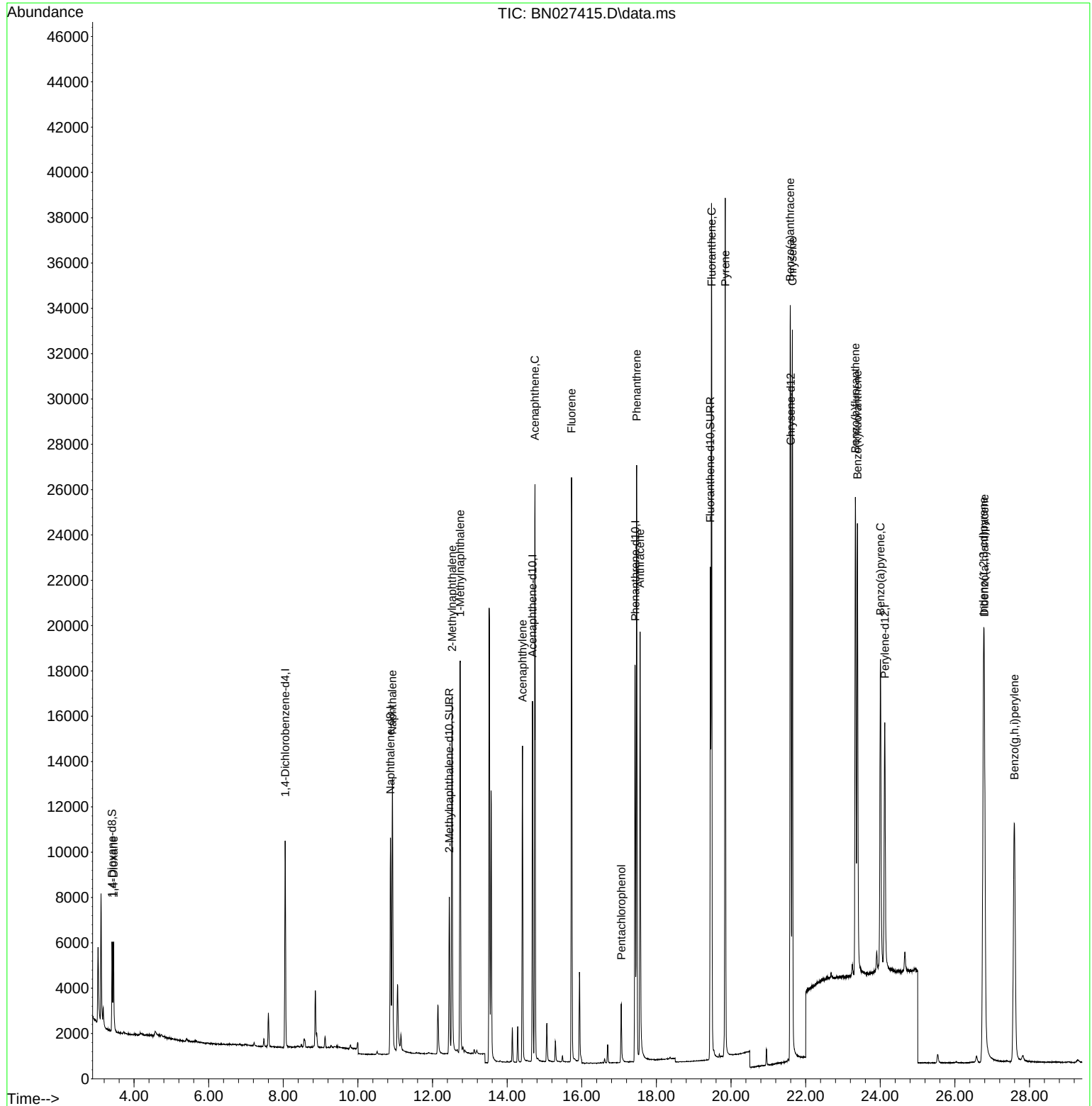
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	4672	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	14070	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	8677	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	20825	0.400	ng/ul	0.00
17) Chrysene-d12	21.603	240	18085	0.400	ng/ul	0.00
23) Perylene-d12	24.120	264	16400	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2686	0.432	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	9829	0.460	ng/ul	0.00
18) Fluoranthene-d10	19.445	212	24440	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	2798	0.445	ng/ul#	86
5) Naphthalene	10.922	128	17767	0.435	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	11724	0.459	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	12313	0.453	ng/ul	99
10) Acenaphthylene	14.412	152	16460	0.414	ng/ul	99
11) Acenaphthene	14.745	153	14250	0.417	ng/ul	98
12) Fluorene	15.725	166	16728	0.437	ng/ul	100
14) Pentachlorophenol	17.058	266	1904	0.469	ng/ul	98
15) Phenanthrene	17.472	178	28448	0.419	ng/ul	100
16) Anthracene	17.561	178	23224	0.431	ng/ul	99
19) Fluoranthene	19.478	202	32391	0.389	ng/ul	100
20) Pyrene	19.845	202	32819	0.388	ng/ul	97
21) Benzo(a)anthracene	21.586	228	28404	0.436	ng/ul	100
22) Chrysene	21.644	228	30744	0.404	ng/ul	100
24) Benzo(b)fluoranthene	23.333	252	30397	0.392	ng/ul	98
25) Benzo(k)fluoranthene	23.386	252	29024	0.383	ng/ul	98
26) Benzo(a)pyrene	24.006	252	24424	0.404	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.767	276	30062	0.447	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.787	278	23953	0.466	ng/ul	96
29) Benzo(g,h,i)perylene	27.595	276	25712	0.424	ng/ul	97

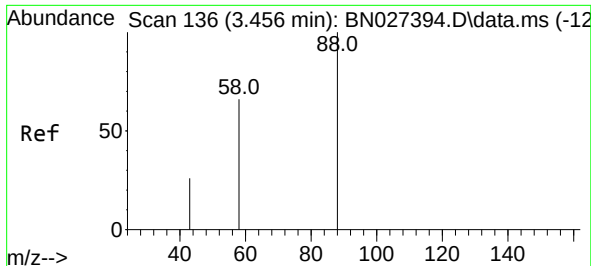
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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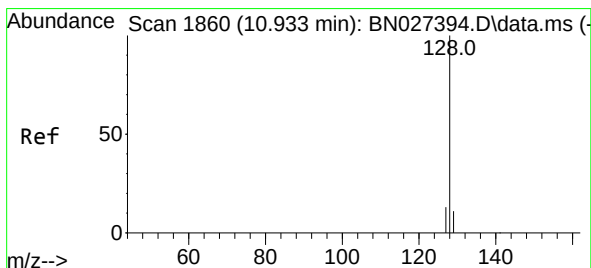
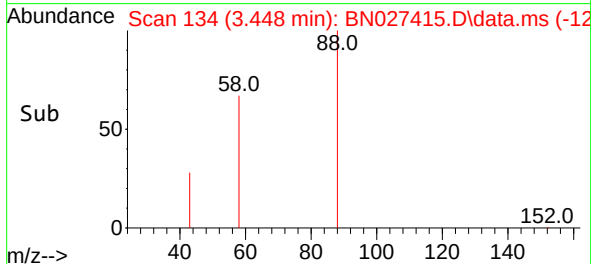
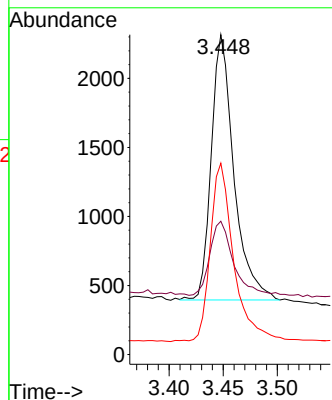
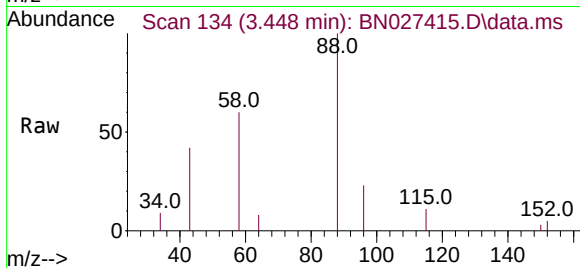




#2
1,4-Dioxane
Concen: 0.445 ng/ul
RT: 3.448 min Scan# 134
Delta R.T. -0.008 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

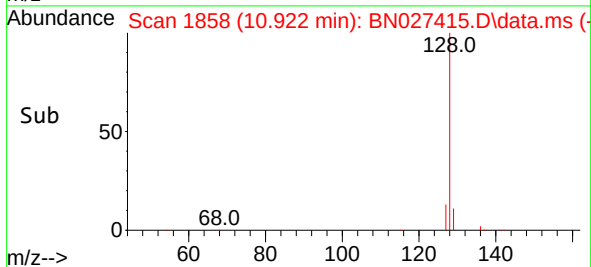
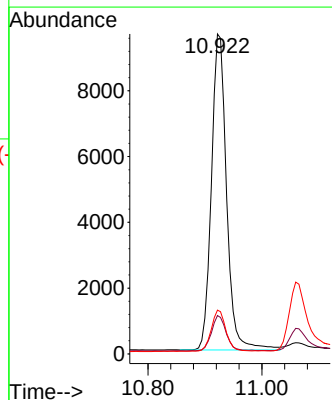
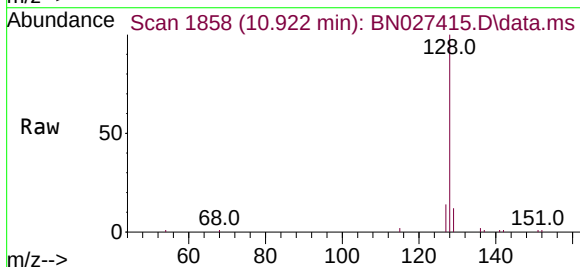
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

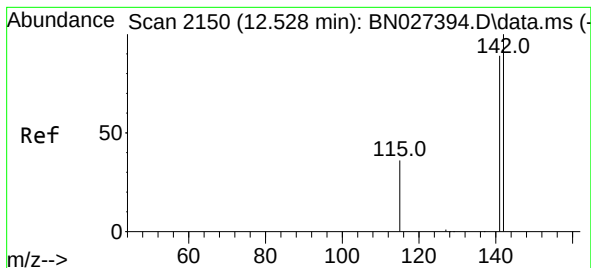
Tgt Ion: 88 Resp: 2798
Ion Ratio Lower Upper
88 100
43 41.6 26.8 40.2#
58 59.8 39.9 59.9



#5
Naphthalene
Concen: 0.435 ng/ul
RT: 10.922 min Scan# 1858
Delta R.T. -0.011 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

Tgt Ion: 128 Resp: 17767
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.0
127 13.7 10.6 16.0

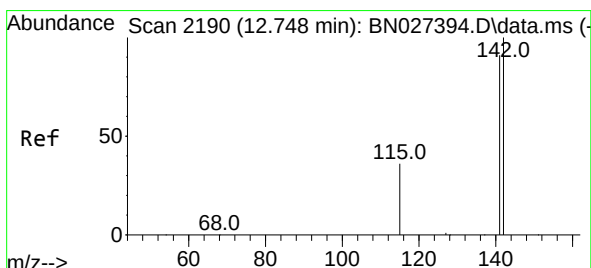
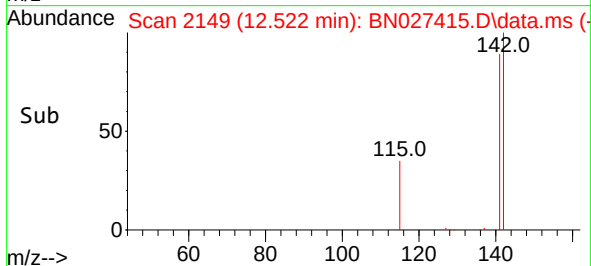
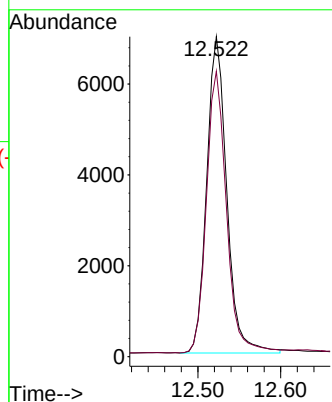
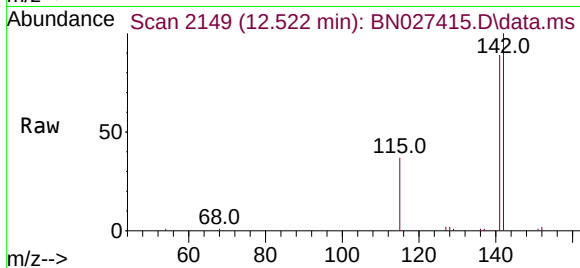




#7
2-Methylnaphthalene
Concen: 0.459 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. -0.011 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

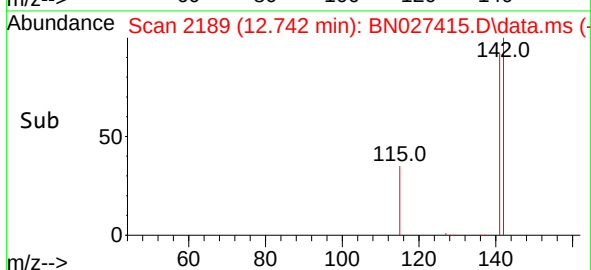
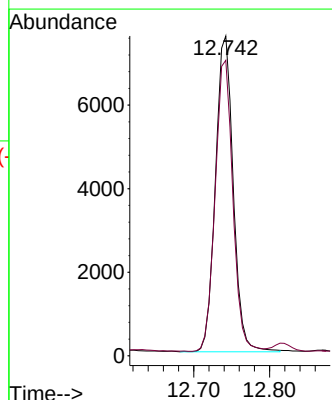
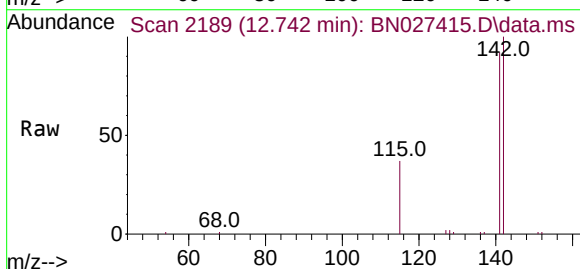
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

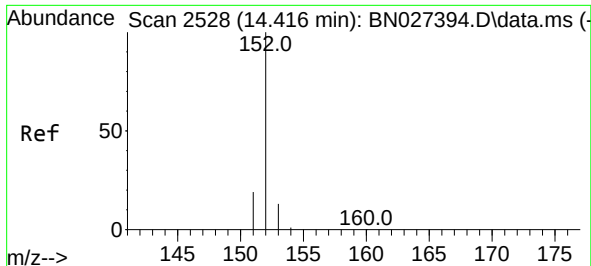
Tgt Ion:142 Resp: 11724
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.453 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

Tgt Ion:142 Resp: 12313
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.4

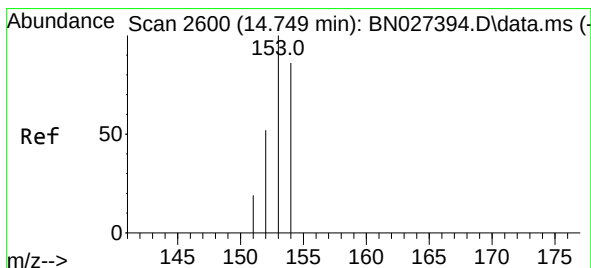
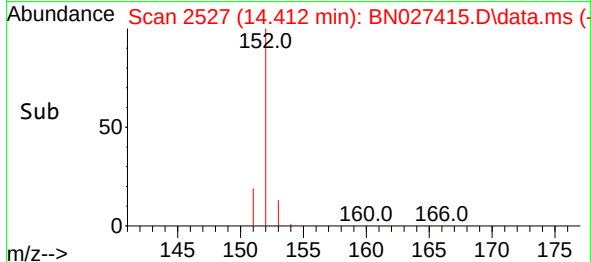
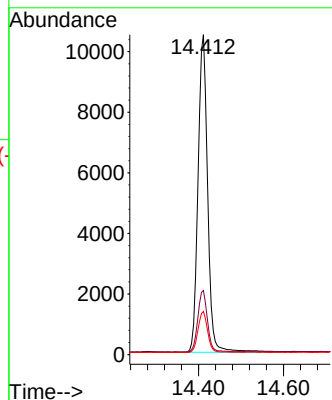
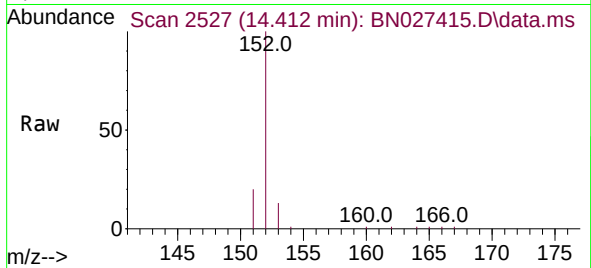




#10
Acenaphthylene
Concen: 0.414 ng/ul
RT: 14.412 min Scan# 2599
Delta R.T. -0.009 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

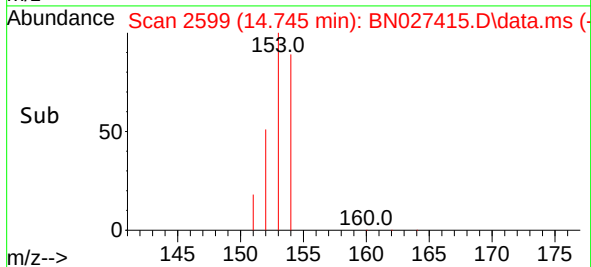
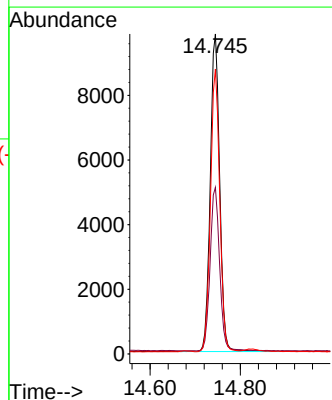
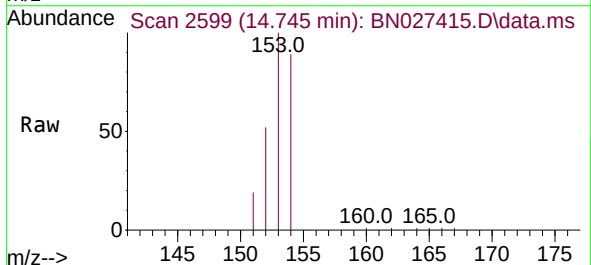
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

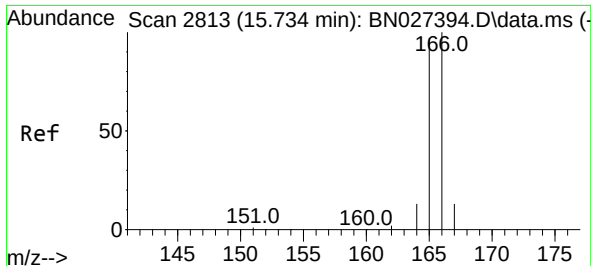
Tgt Ion:152 Resp: 16460
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.417 ng/ul
RT: 14.745 min Scan# 2599
Delta R.T. -0.005 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

Tgt Ion:153 Resp: 14250
Ion Ratio Lower Upper
153 100
152 52.0 42.9 64.3
154 89.0 69.4 104.0

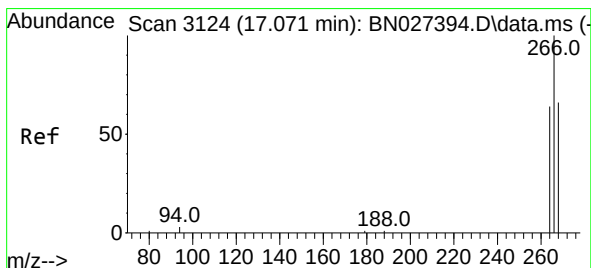
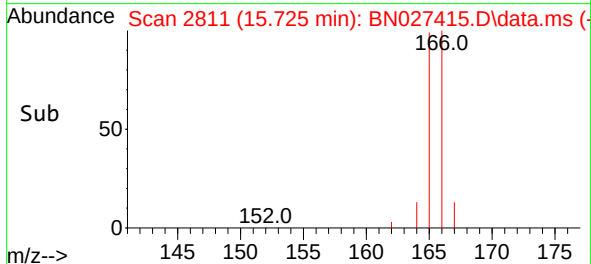
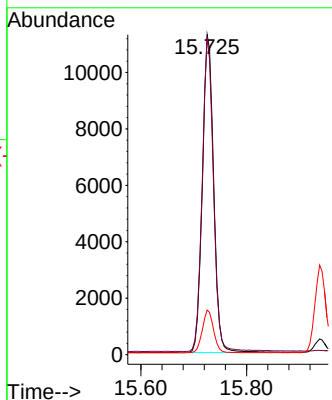
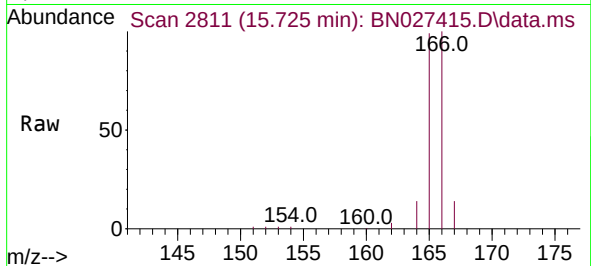




#12
Fluorene
Concen: 0.437 ng/ul
RT: 15.725 min Scan# 2811
Delta R.T. -0.014 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

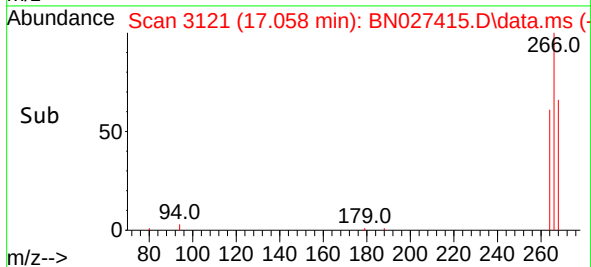
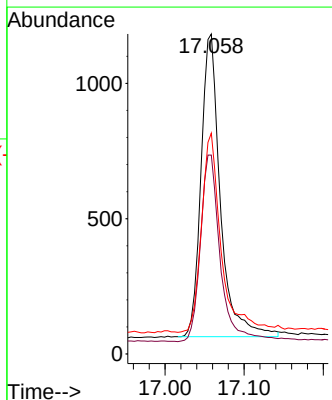
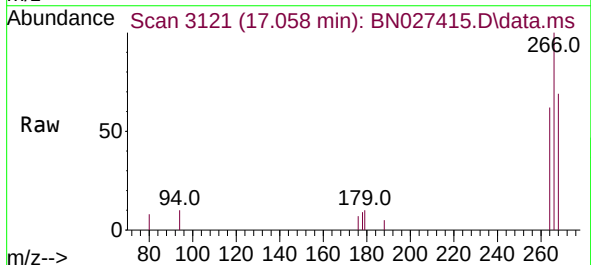
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

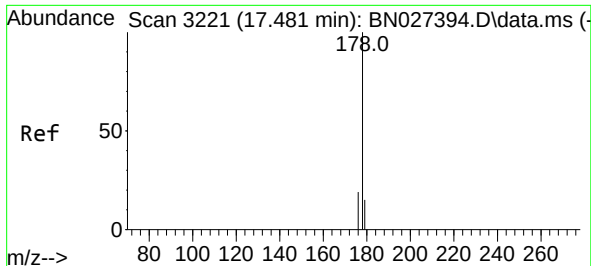
Tgt Ion:166 Resp: 16728
Ion Ratio Lower Upper
166 100
165 99.3 79.6 119.4
167 13.9 11.4 17.0



#14
Pentachlorophenol
Concen: 0.469 ng/ul
RT: 17.058 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

Tgt Ion:266 Resp: 1904
Ion Ratio Lower Upper
266 100
264 63.2 50.4 75.6
268 67.3 51.9 77.9

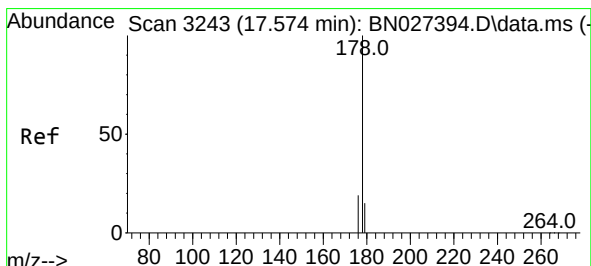
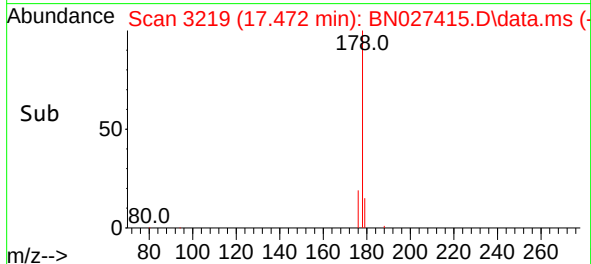
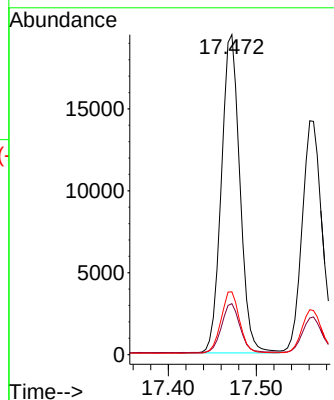
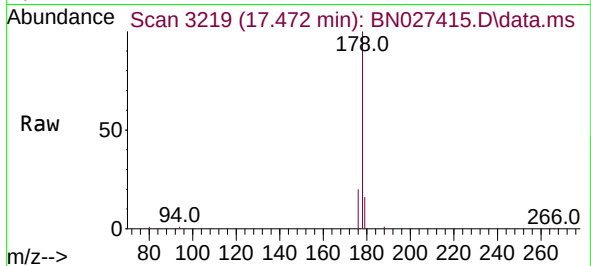




#15
Phenanthrene
Concen: 0.419 ng/ul
RT: 17.472 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

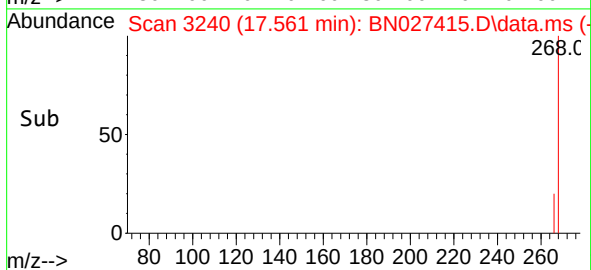
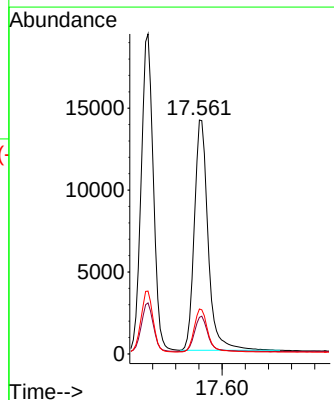
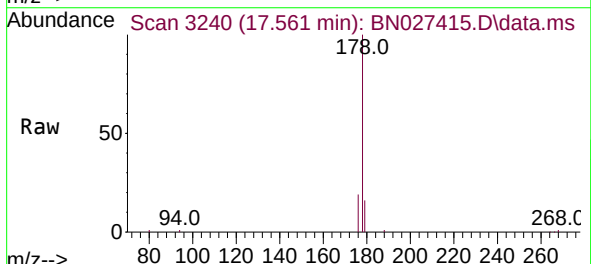
Instrument :
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ClientSampleId :
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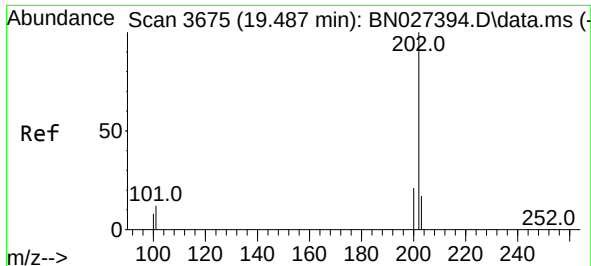
Tgt Ion:178 Resp: 28448
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.6 15.8 23.8



#16
Anthracene
Concen: 0.431 ng/ul
RT: 17.561 min Scan# 3240
Delta R.T. -0.013 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

Tgt Ion:178 Resp: 23224
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.2 15.6 23.4

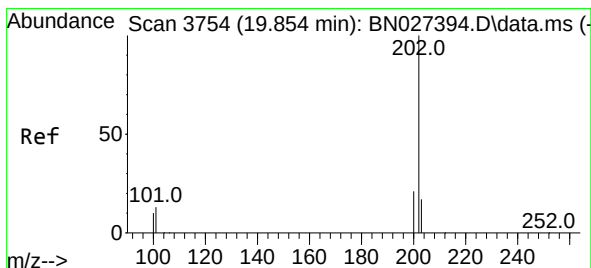
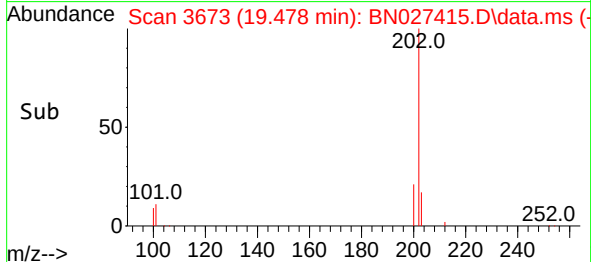
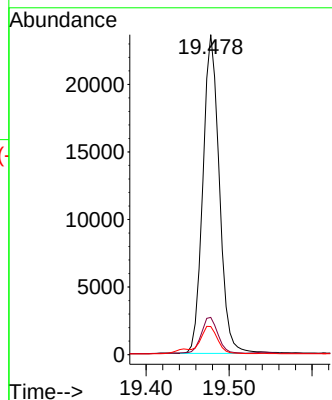
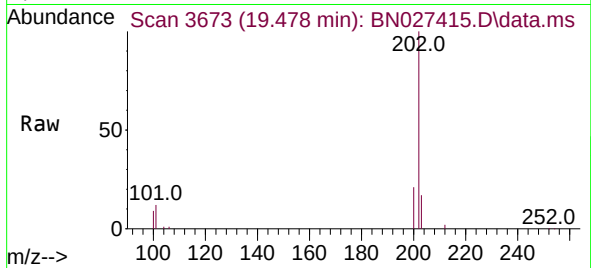




#19
Fluoranthene
Concen: 0.389 ng/ul
RT: 19.478 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

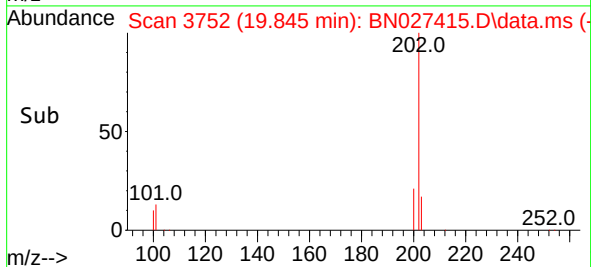
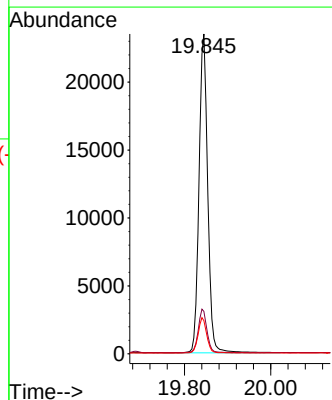
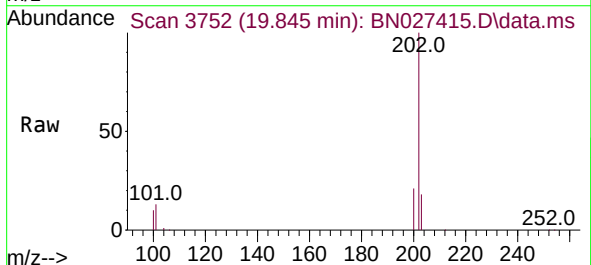
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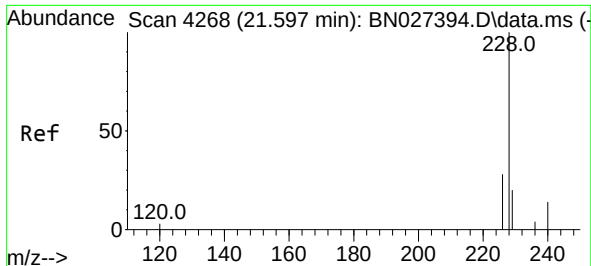
Tgt Ion:202 Resp: 32391
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.0
100 8.8 6.9 10.3



#20
Pyrene
Concen: 0.388 ng/ul
RT: 19.845 min Scan# 3752
Delta R.T. -0.005 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

Tgt Ion:202 Resp: 32819
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.2
100 10.4 9.4 14.2

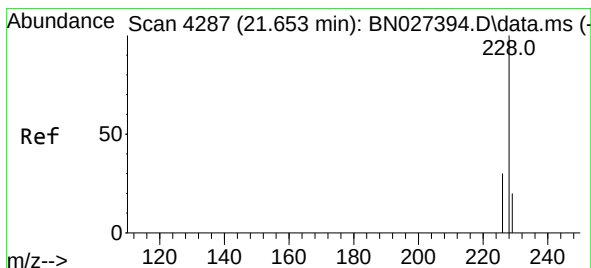
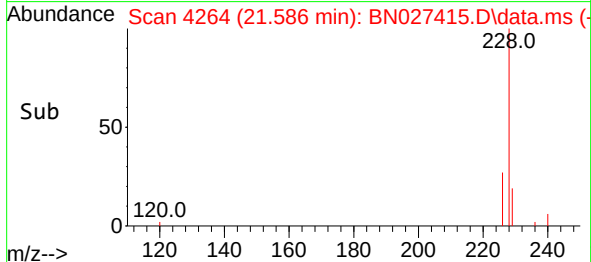
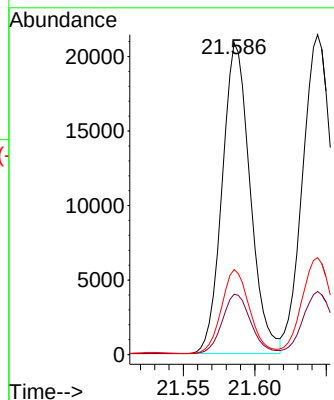
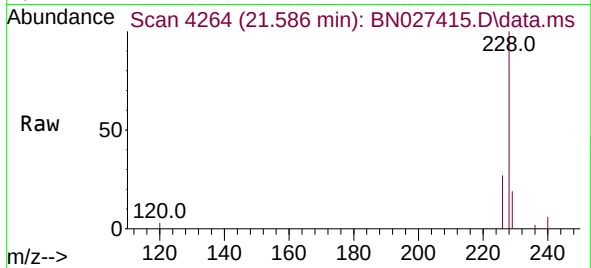




#21
Benzo(a)anthracene
Concen: 0.436 ng/ul
RT: 21.586 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

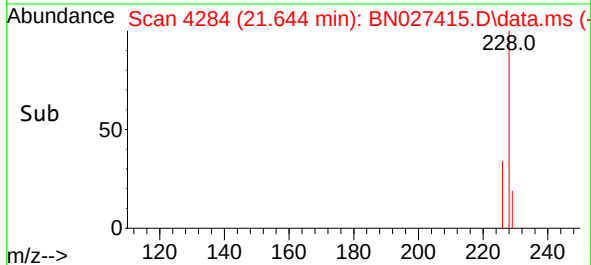
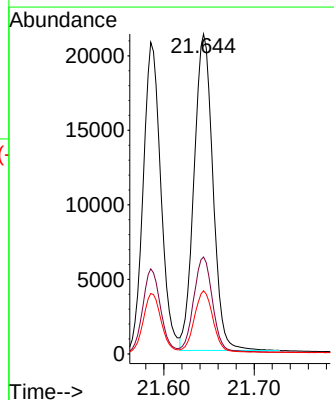
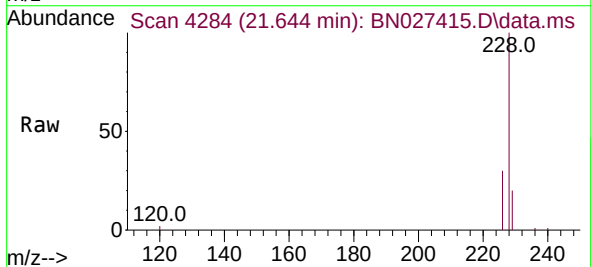
Instrument :
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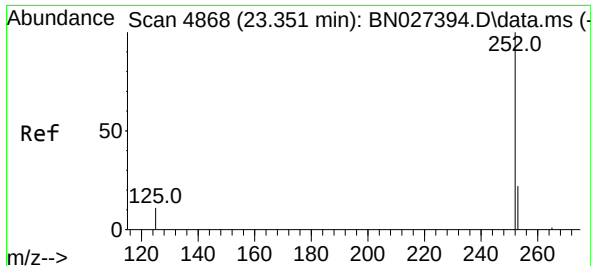
Tgt Ion:228 Resp: 28404
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 27.3 22.0 33.0



#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.644 min Scan# 4284
Delta R.T. -0.003 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

Tgt Ion:228 Resp: 30744
Ion Ratio Lower Upper
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226 30.3 24.4 36.6
229 19.7 15.6 23.4

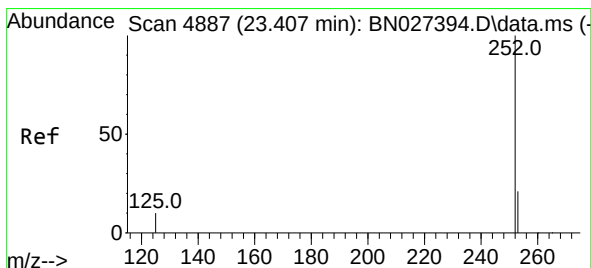
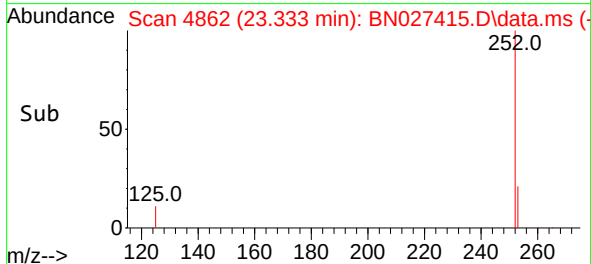
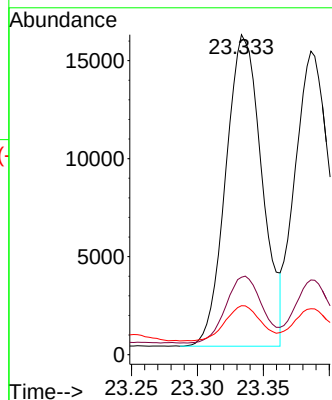
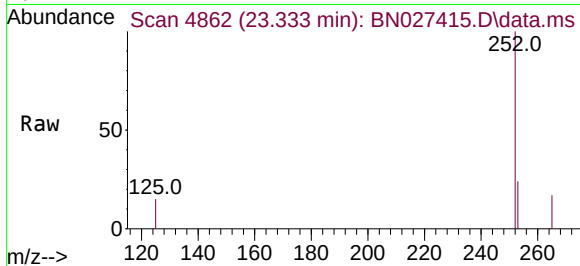




#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 23.333 min Scan# 4862
Delta R.T. -0.012 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

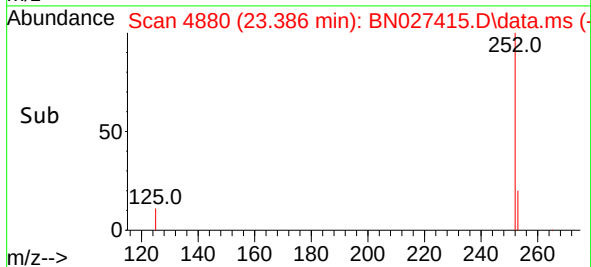
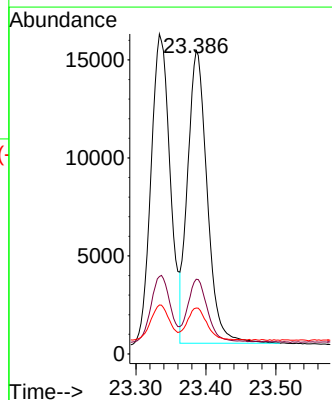
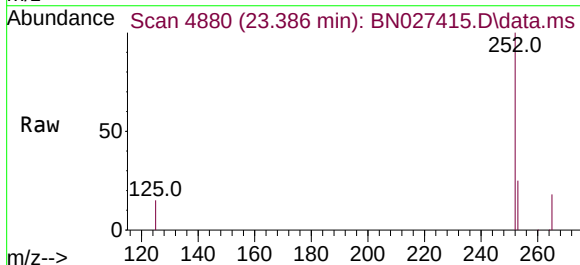
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

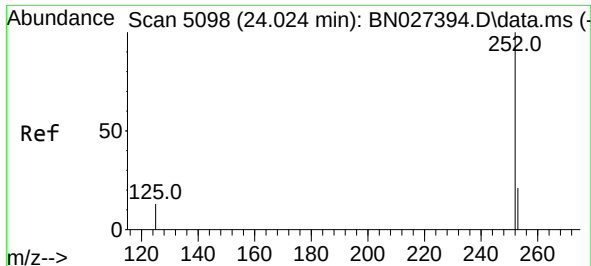
Tgt Ion:252 Resp: 30397
Ion Ratio Lower Upper
252 100
253 24.2 0.0 49.6
125 15.3 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 23.386 min Scan# 4880
Delta R.T. -0.012 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

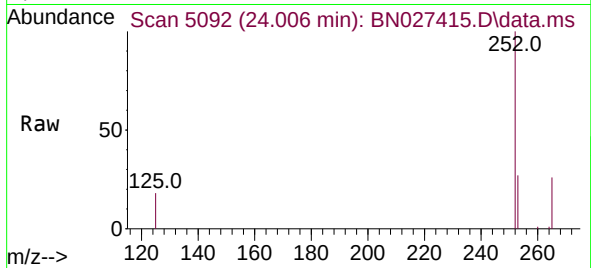
Tgt Ion:252 Resp: 29024
Ion Ratio Lower Upper
252 100
253 24.6 19.9 29.9
125 15.1 13.6 20.4



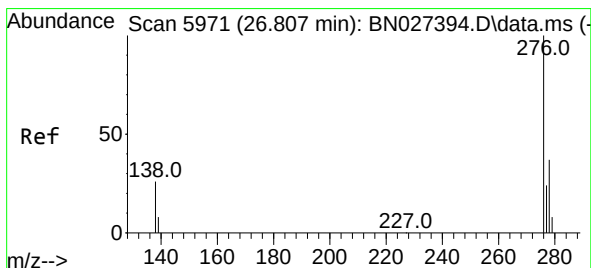
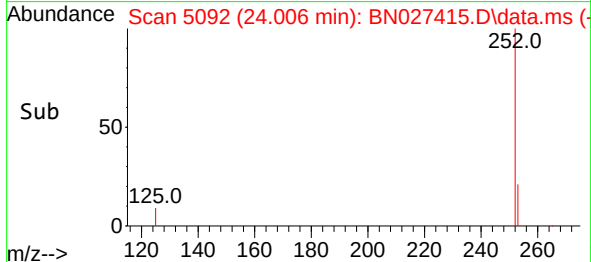
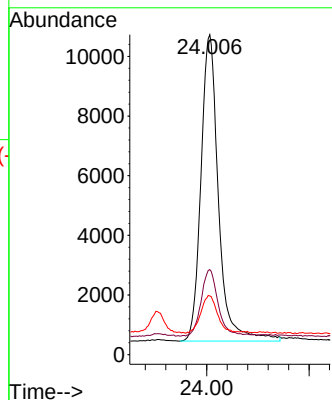


#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 24.006 min Scan# 5092
Delta R.T. -0.012 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

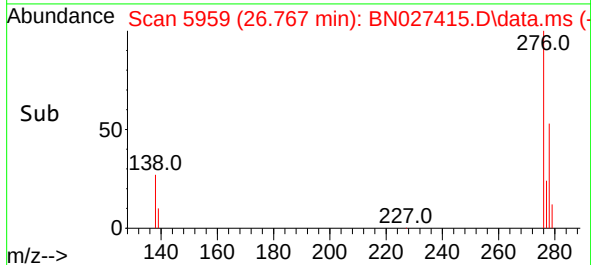
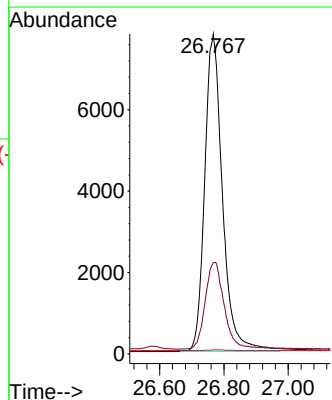
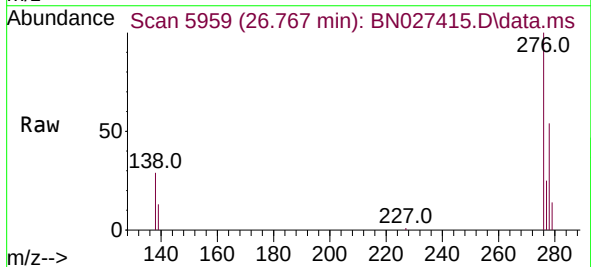


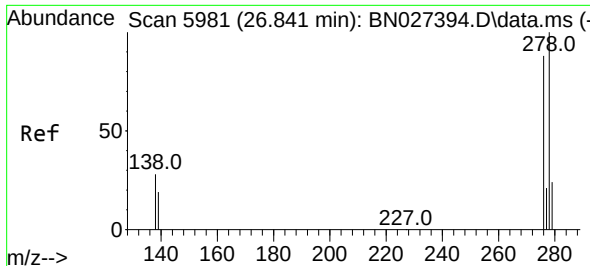
Tgt Ion:252 Resp: 24424
Ion Ratio Lower Upper
252 100
253 26.6 22.4 33.6
125 18.3 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng/ul
RT: 26.767 min Scan# 5959
Delta R.T. -0.034 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

Tgt Ion:276 Resp: 30062
Ion Ratio Lower Upper
276 100
138 29.3 23.9 35.9
227 0.2 0.1 0.1#

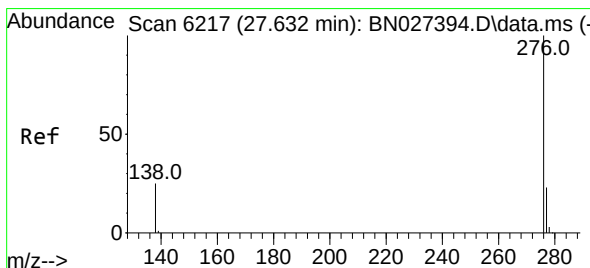
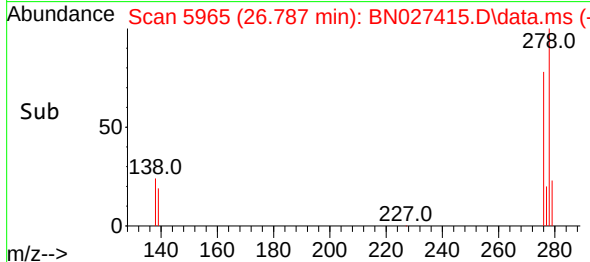
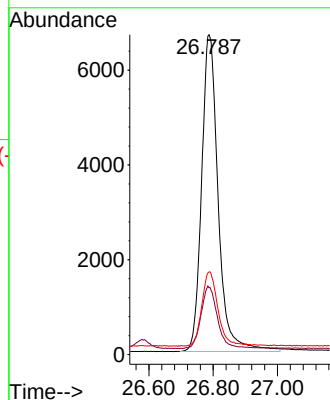
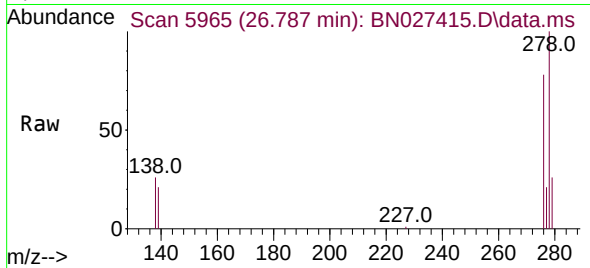




#28
Dibenzo(a,h)anthracene
Concen: 0.466 ng/ul
RT: 26.787 min Scan# 5981
Delta R.T. -0.047 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

Tgt Ion:278 Resp: 23953
Ion Ratio Lower Upper
278 100
139 20.9 18.0 27.0
279 25.8 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 27.595 min Scan# 6206
Delta R.T. -0.034 min
Lab File: BN027415.D
Acq: 06 Sep 2023 20:47

Tgt Ion:276 Resp: 25712
Ion Ratio Lower Upper
276 100
138 26.1 22.1 33.1
277 24.1 20.2 30.4

