

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027511.D
 Acq On : 09 Sep 2023 20:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4266

Quant Time: Sep 10 00:13:25 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 : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

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

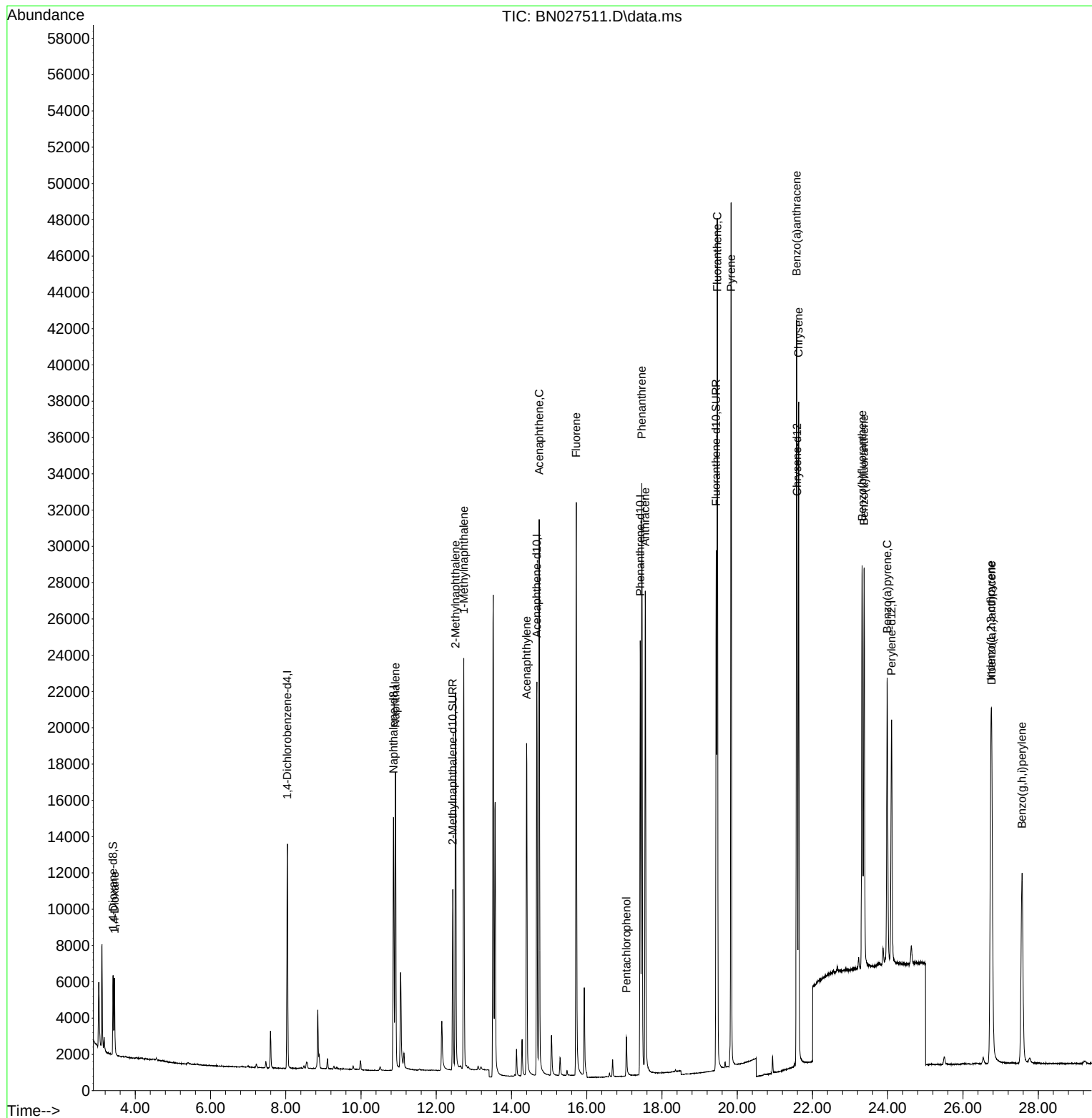
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	6296	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	20670	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	12768	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	29700	0.400	ng/ul	0.00
17) Chrysene-d12	21.594	240	22607	0.400	ng/ul	0.00
23) Perylene-d12	24.102	264	20200	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2985	0.356	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.439	152	13040	0.416	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	31585	0.408	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.447	88	3051	0.360	ng/ul	90
5) Naphthalene	10.916	128	23040	0.384	ng/ul	99
7) 2-Methylnaphthalene	12.511	142	15357	0.409	ng/ul	99
8) 1-Methylnaphthalene	12.731	142	15790	0.395	ng/ul	100
10) Acenaphthylene	14.402	152	23062	0.395	ng/ul	99
11) Acenaphthene	14.735	153	18575	0.369	ng/ul	98
12) Fluorene	15.720	166	21828	0.387	ng/ul	99
14) Pentachlorophenol	17.054	266	1690	0.292	ng/ul	99
15) Phenanthrene	17.464	178	36201	0.374	ng/ul	100
16) Anthracene	17.557	178	31764	0.413	ng/ul	99
19) Fluoranthene	19.469	202	40464	0.389	ng/ul	100
20) Pyrene	19.836	202	41175	0.389	ng/ul	97
21) Benzo(a)anthracene	21.577	228	34488	0.423	ng/ul	100
22) Chrysene	21.632	228	33882	0.356	ng/ul	99
24) Benzo(b)fluoranthene	23.319	252	31522	0.330	ng/ul	97
25) Benzo(k)fluoranthene	23.372	252	31619	0.339	ng/ul	97
26) Benzo(a)pyrene	23.986	252	26072	0.350	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.743	276	31061	0.375	ng/ul	94
28) Dibenzo(a,h)anthracene	26.763	278	24892	0.393	ng/ul	99
29) Benzo(g,h,i)perylene	27.568	276	26027	0.348	ng/ul	98

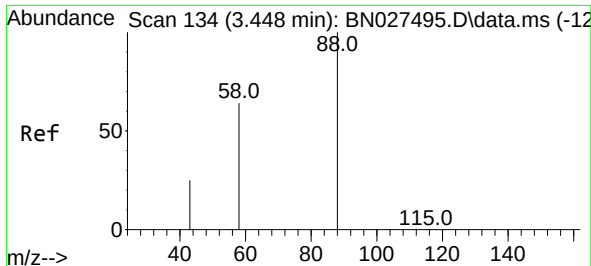
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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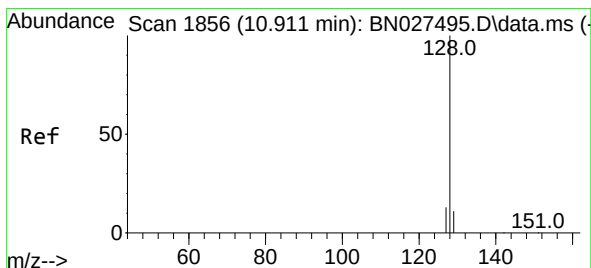
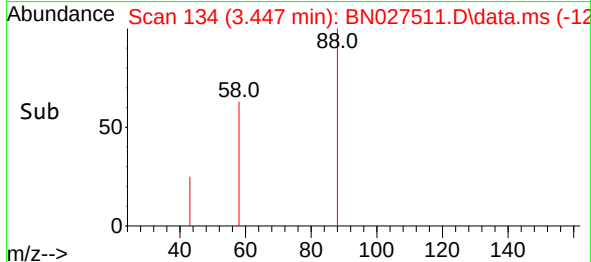
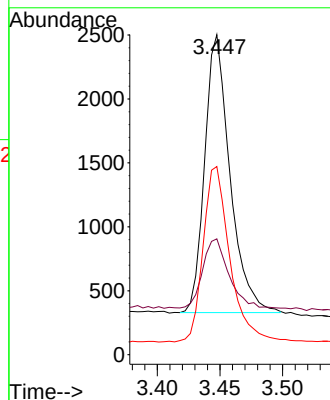
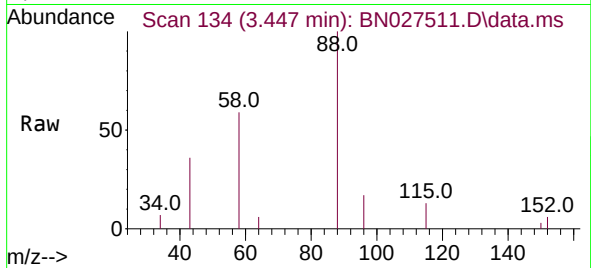




#2
1,4-Dioxane
Concen: 0.360 ng/ul
RT: 3.447 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

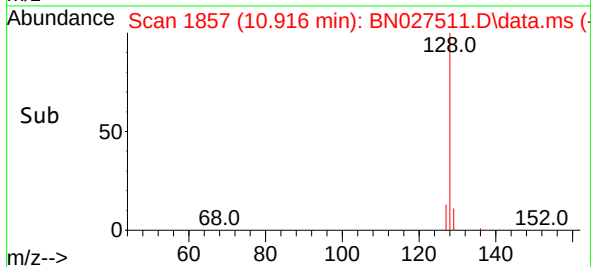
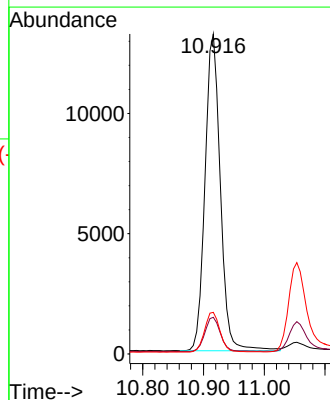
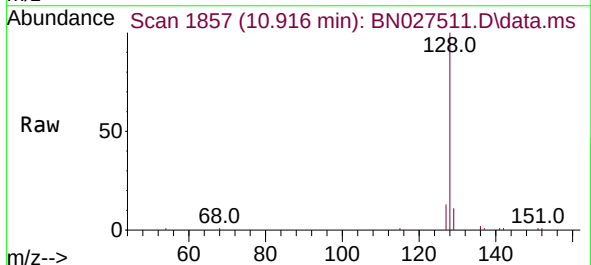
Instrument :
BNA_N
ClientSampleId :
SSTD0.4266

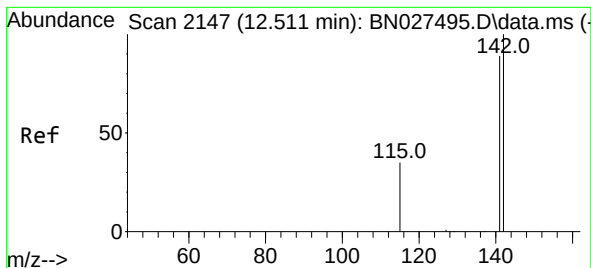
Tgt Ion: 88 Resp: 3051
Ion Ratio Lower Upper
88 100
43 36.2 26.8 40.2
58 58.8 39.9 59.9



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.916 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

Tgt Ion: 128 Resp: 23040
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.0 10.6 16.0

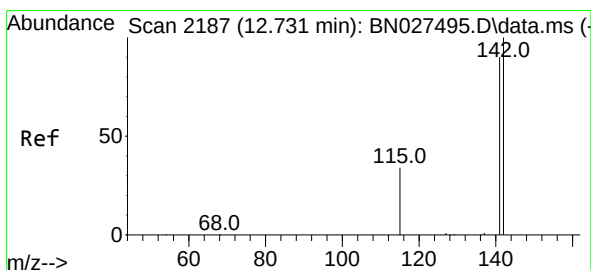
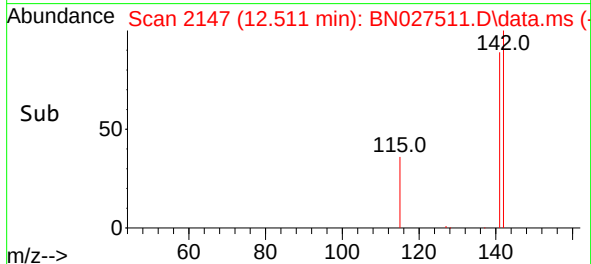
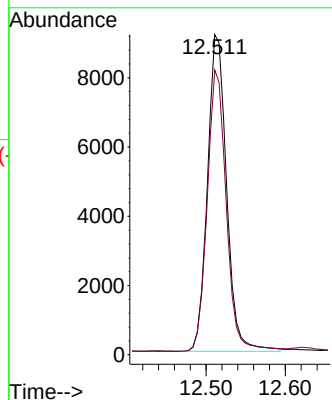
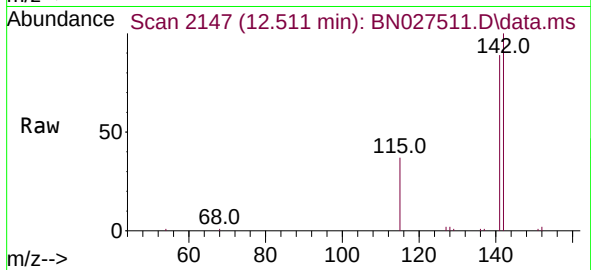




#7
2-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.011 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

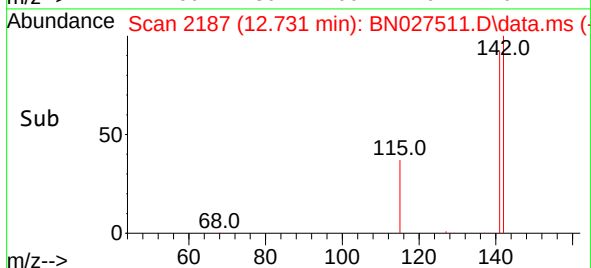
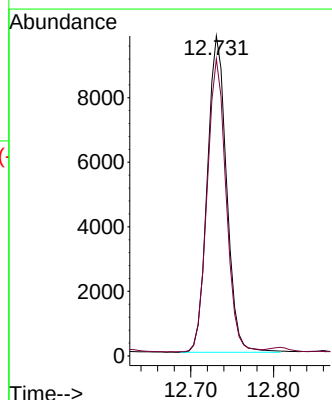
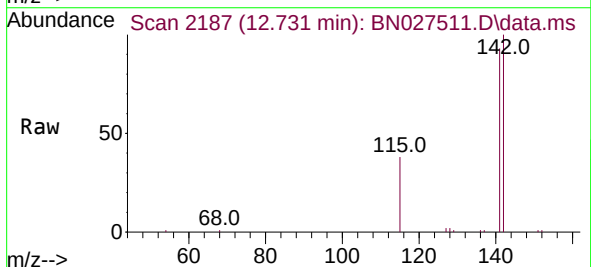
Instrument :
BNA_N
ClientSampleId :
SSTD0.4266

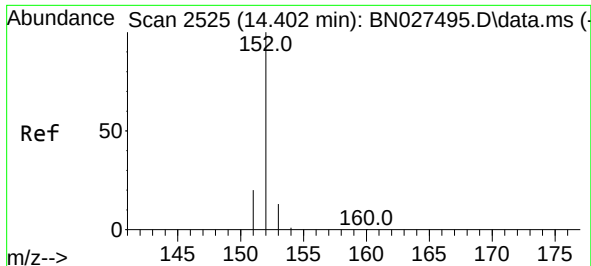
Tgt Ion:142 Resp: 15357
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.731 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

Tgt Ion:142 Resp: 15790
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.4

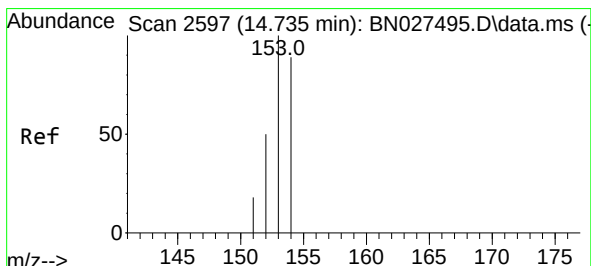
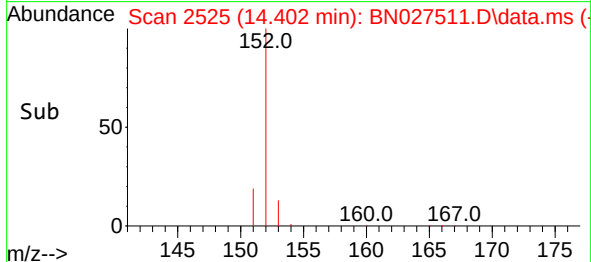
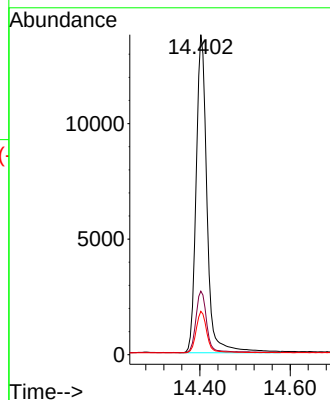
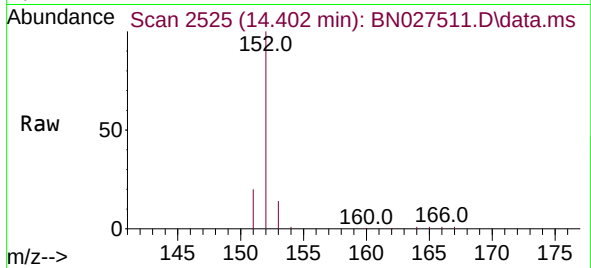




#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 14.402 min Scan# 2525
Delta R.T. -0.005 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

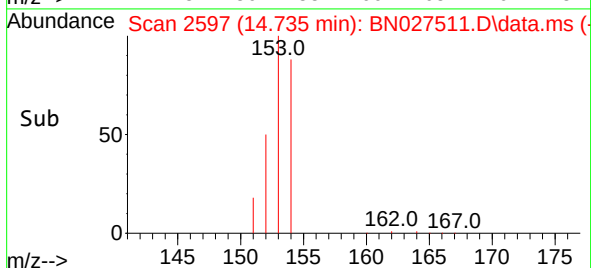
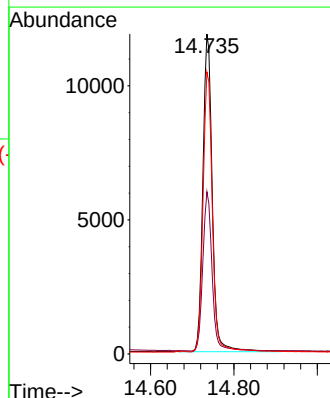
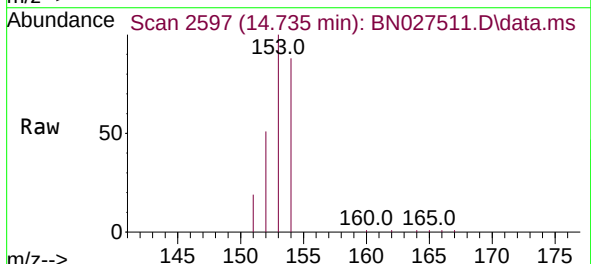
Instrument :
BNA_N
ClientSampleId :
SSTD0.4266

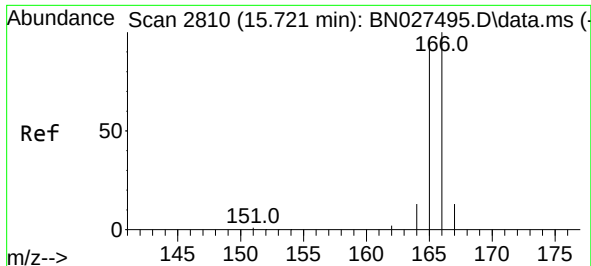
Tgt Ion:152 Resp: 23062
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.369 ng/ul
RT: 14.735 min Scan# 2597
Delta R.T. -0.005 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

Tgt Ion:153 Resp: 18575
Ion Ratio Lower Upper
153 100
152 50.7 42.9 64.3
154 88.1 69.4 104.0

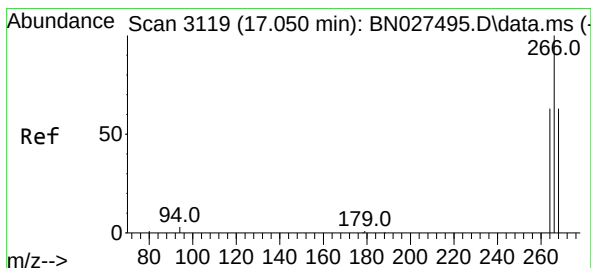
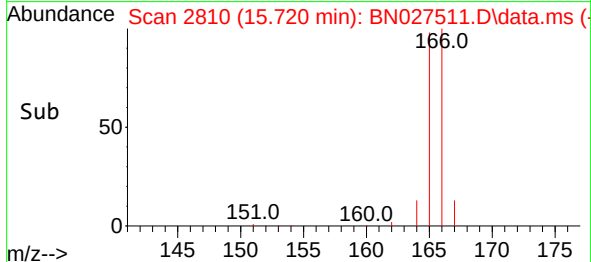
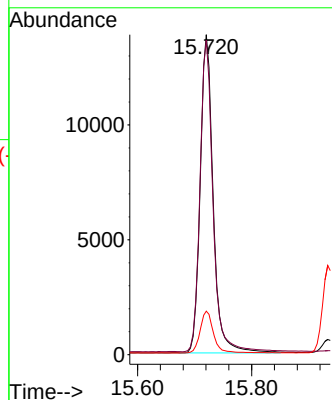
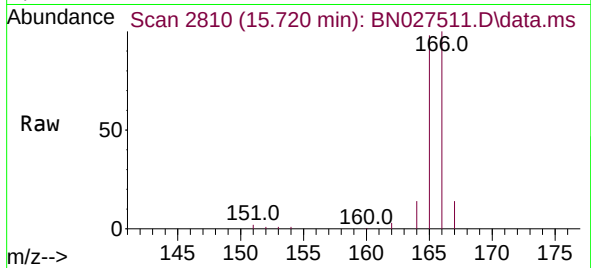




#12
Fluorene
Concen: 0.387 ng/ul
RT: 15.720 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

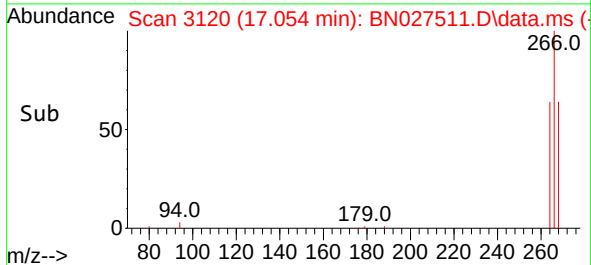
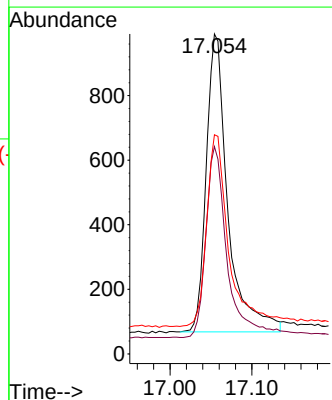
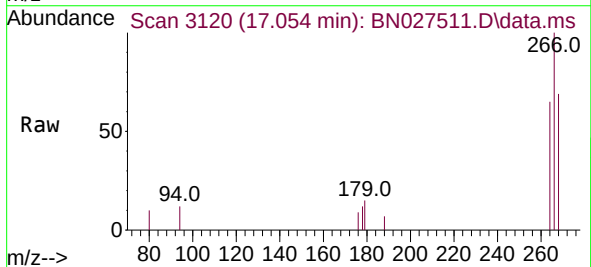
Instrument :
BNA_N
ClientSampleId :
SSTD0.4266

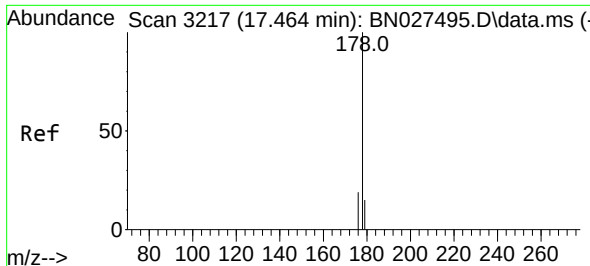
Tgt Ion:166 Resp: 21828
Ion Ratio Lower Upper
166 100
165 98.3 79.6 119.4
167 13.6 11.4 17.0



#14
Pentachlorophenol
Concen: 0.292 ng/ul
RT: 17.054 min Scan# 3120
Delta R.T. -0.005 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

Tgt Ion:266 Resp: 1690
Ion Ratio Lower Upper
266 100
264 63.2 50.4 75.6
268 66.6 51.9 77.9

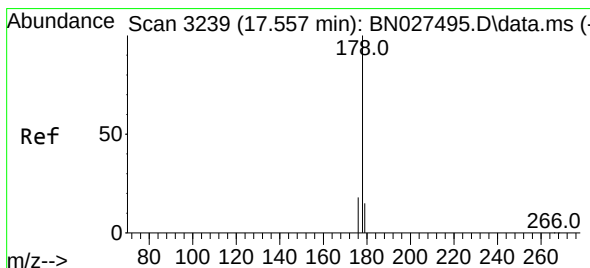
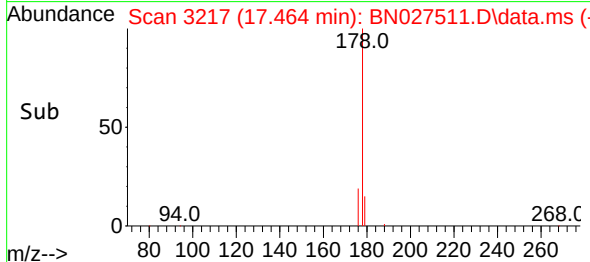
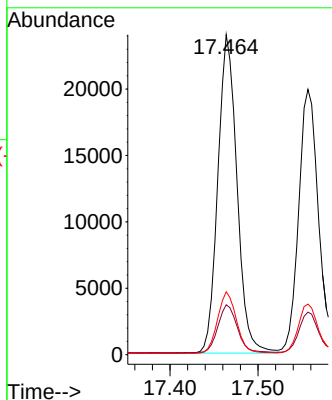
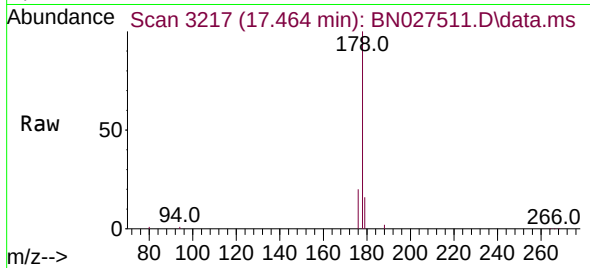




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.464 min Scan# 3217
Delta R.T. -0.005 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

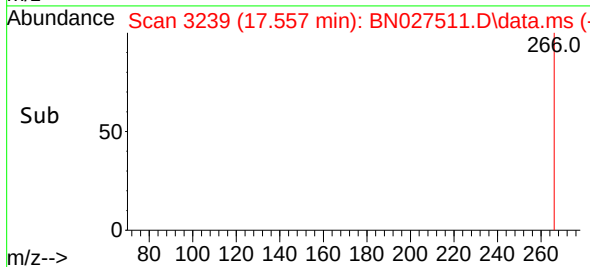
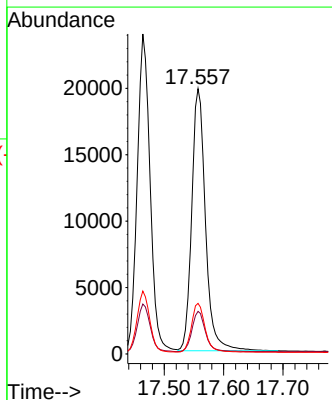
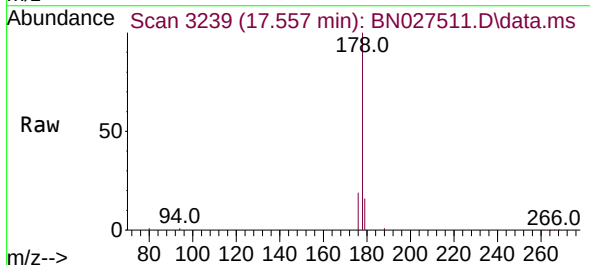
Instrument :
BNA_N
ClientSampleId :
SSTD0.4266

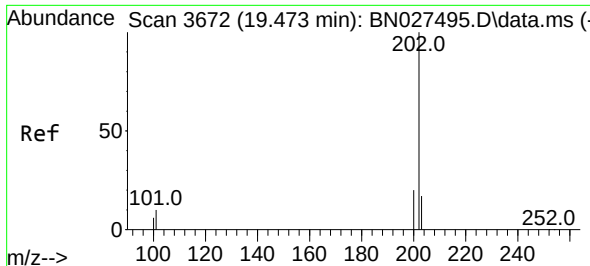
Tgt Ion:178 Resp: 36201
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.6 15.8 23.8



#16
Anthracene
Concen: 0.413 ng/ul
RT: 17.557 min Scan# 3239
Delta R.T. -0.004 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

Tgt Ion:178 Resp: 31764
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.1 15.6 23.4

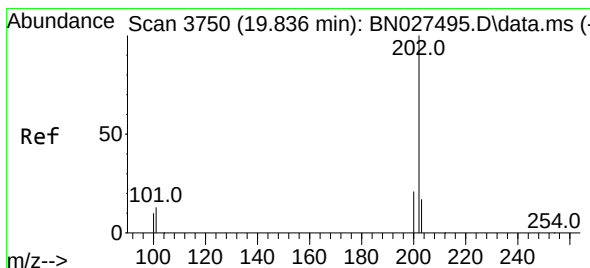
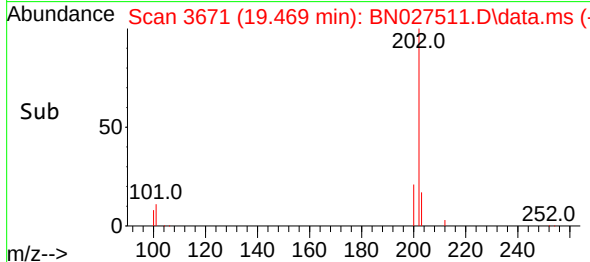
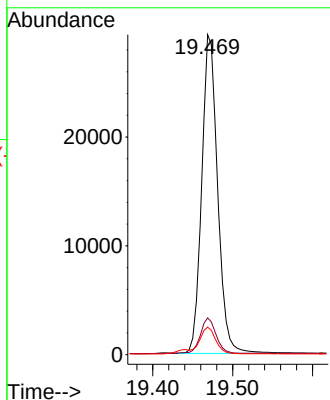
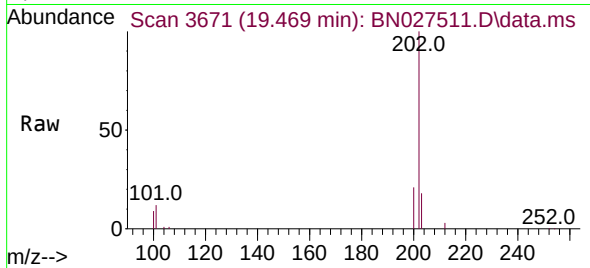




#19
Fluoranthene
Concen: 0.389 ng/ul
RT: 19.469 min Scan# 3671
Delta R.T. -0.010 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

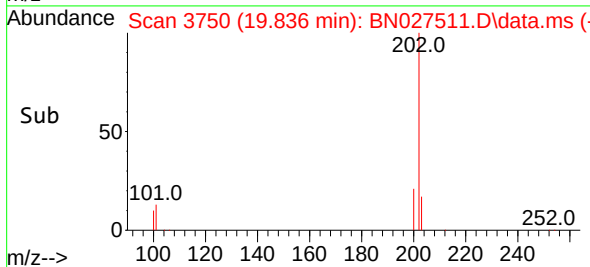
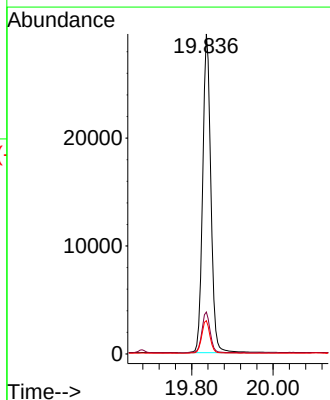
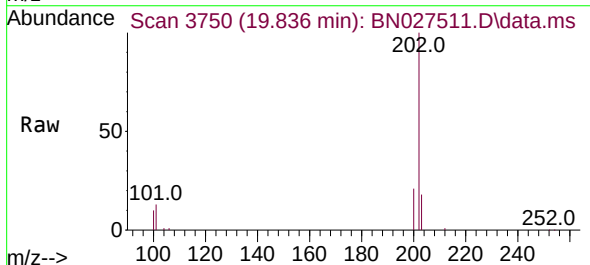
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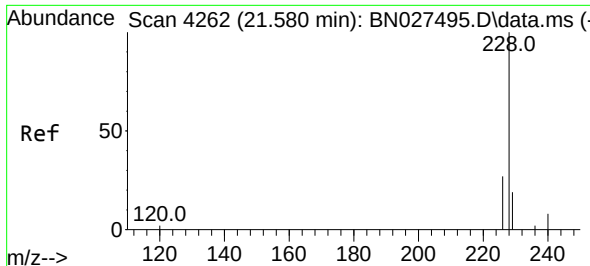
Tgt Ion:202 Resp: 40464
Ion Ratio Lower Upper
202 100
101 11.5 9.4 14.0
100 8.6 6.9 10.3



#20
Pyrene
Concen: 0.389 ng/ul
RT: 19.836 min Scan# 3750
Delta R.T. -0.005 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

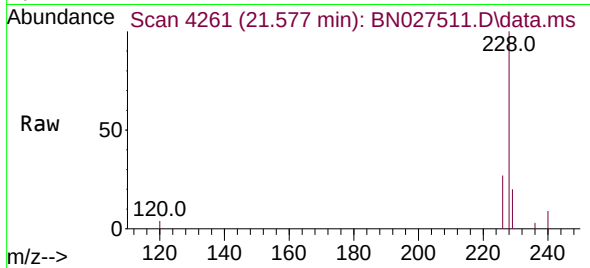
Tgt Ion:202 Resp: 41175
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.2
100 10.4 9.4 14.2



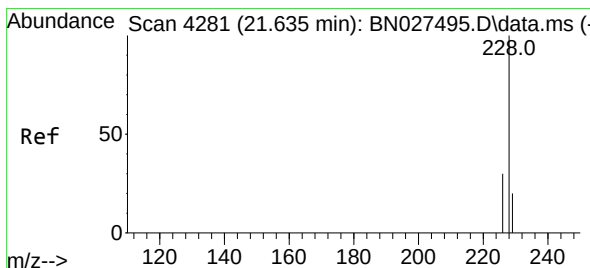
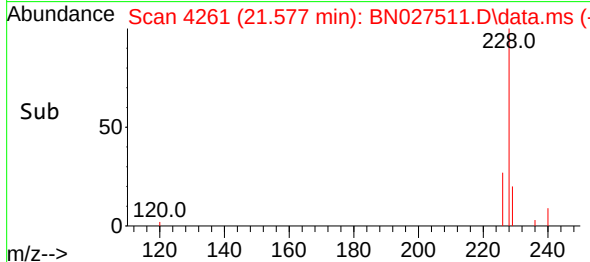
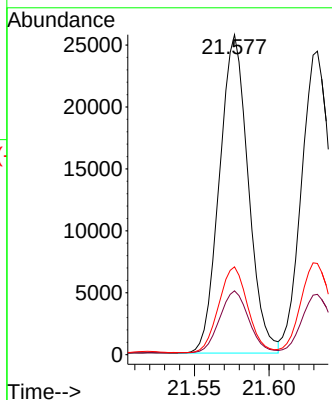


#21
Benzo(a)anthracene
Concen: 0.423 ng/ul
RT: 21.577 min Scan# 4261
Delta R.T. -0.003 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.4266

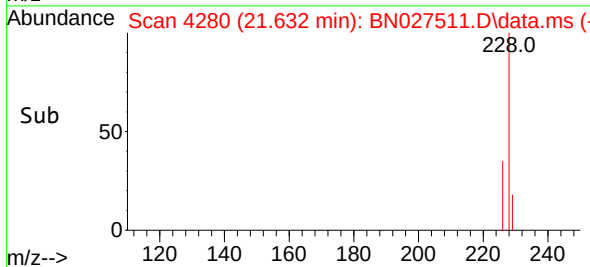
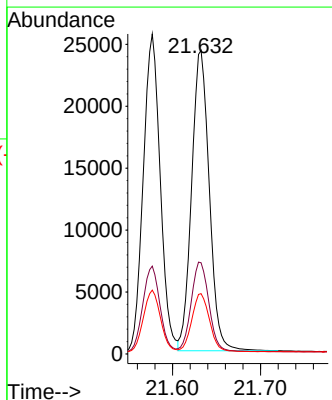
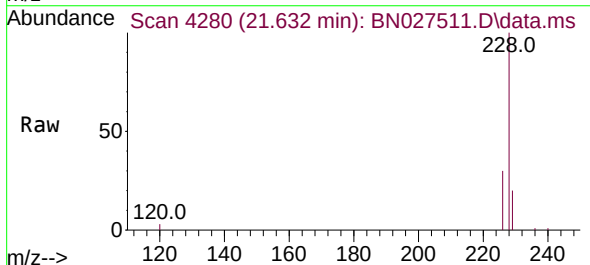


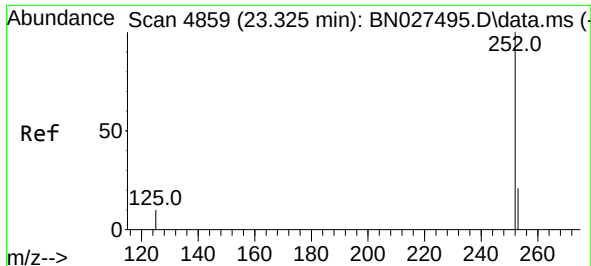
Tgt Ion:228 Resp: 34488
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.356 ng/ul
RT: 21.632 min Scan# 4280
Delta R.T. -0.003 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

Tgt Ion:228 Resp: 33882
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 19.9 15.6 23.4

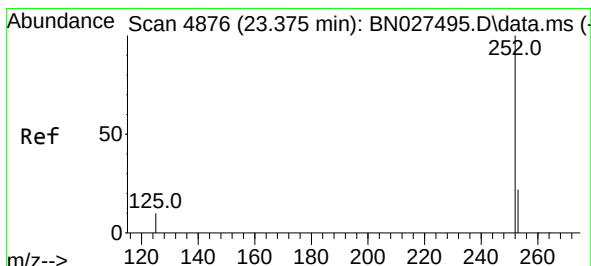
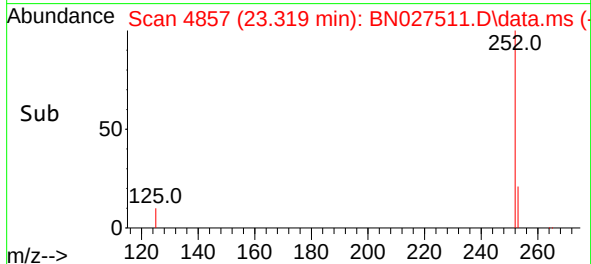
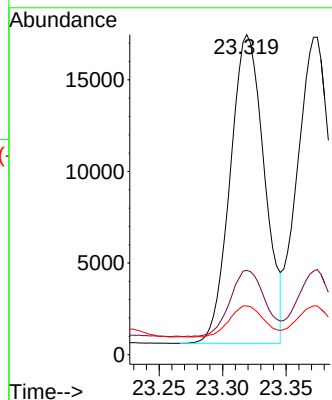
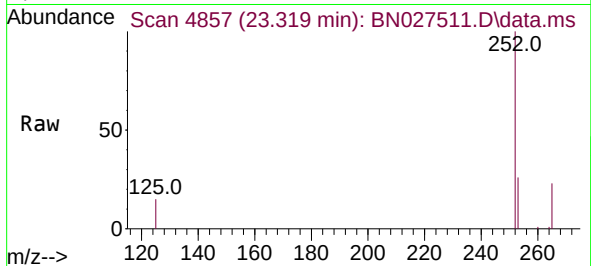




#24
Benzo(b)fluoranthene
Concen: 0.330 ng/ul
RT: 23.319 min Scan# 4857
Delta R.T. -0.009 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

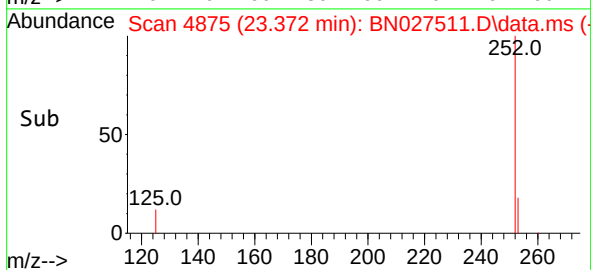
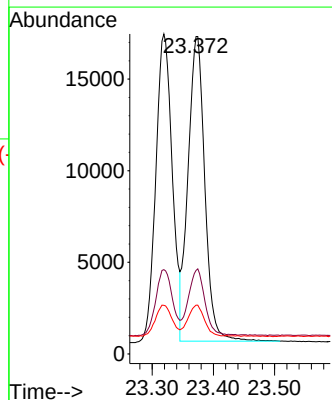
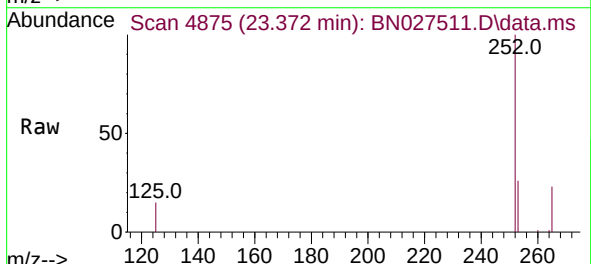
Instrument :
BNA_N
ClientSampleId :
SSTD0.4266

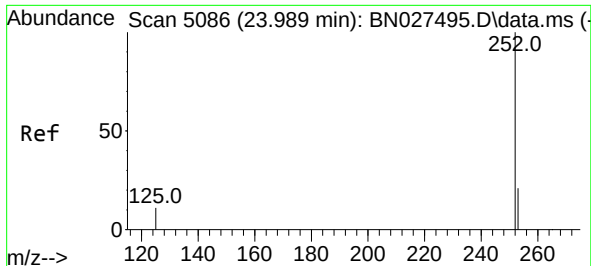
Tgt Ion:252 Resp: 31522
Ion Ratio Lower Upper
252 100
253 26.4 0.0 49.6
125 15.2 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 23.372 min Scan# 4875
Delta R.T. -0.006 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

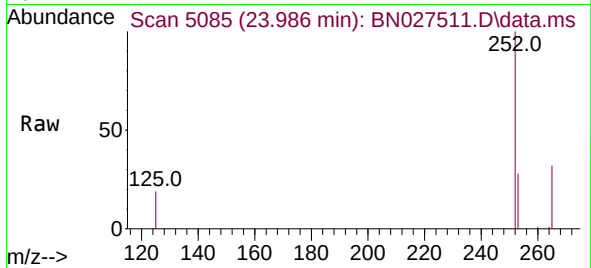
Tgt Ion:252 Resp: 31619
Ion Ratio Lower Upper
252 100
253 26.3 19.9 29.9
125 15.4 13.6 20.4



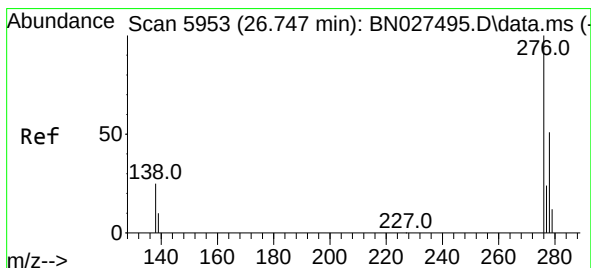
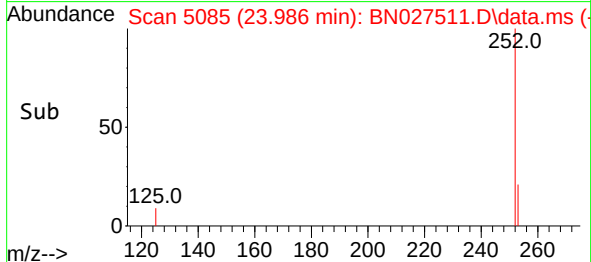
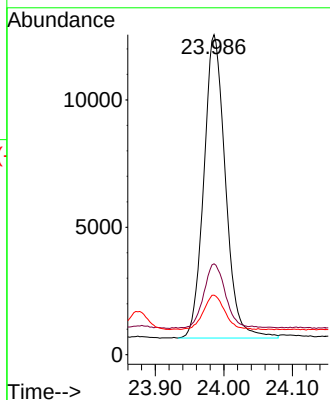


#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.986 min Scan# 5085
Delta R.T. -0.009 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.4266

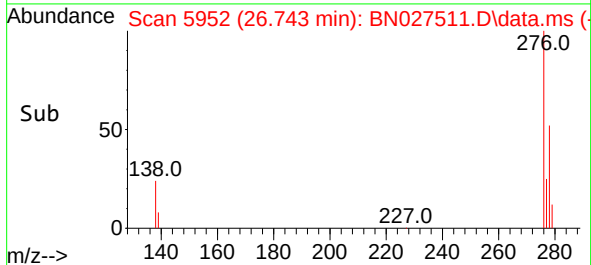
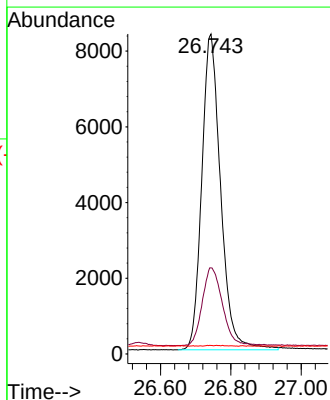
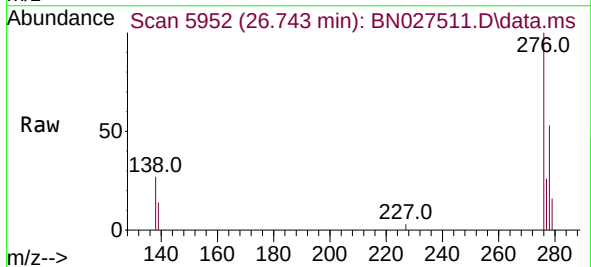


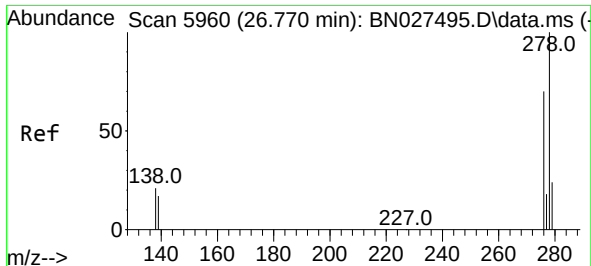
Tgt Ion:252 Resp: 26072
Ion Ratio Lower Upper
252 100
253 28.4 22.4 33.6
125 18.6 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 26.743 min Scan# 5952
Delta R.T. -0.011 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

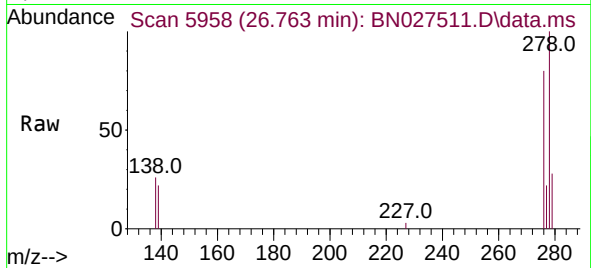
Tgt Ion:276 Resp: 31061
Ion Ratio Lower Upper
276 100
138 26.4 23.9 35.9
227 0.1 0.1 0.1



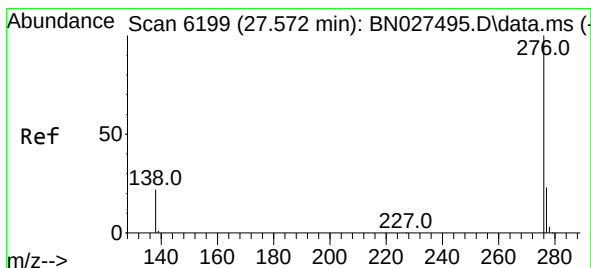
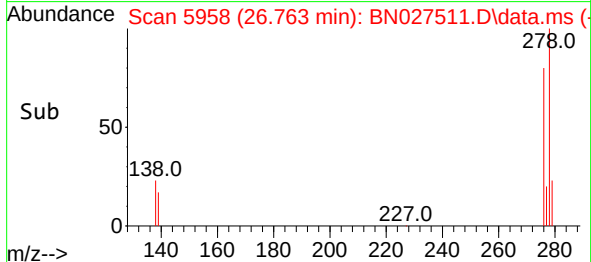
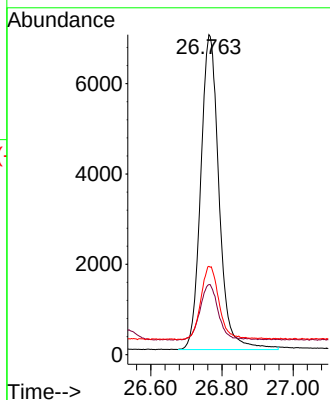


#28
Dibenzo(a,h)anthracene
Concen: 0.393 ng/ul
RT: 26.763 min Scan# 5958
Delta R.T. -0.014 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.4266



Tgt Ion:278 Resp: 24892
Ion Ratio Lower Upper
278 100
139 21.9 18.0 27.0
279 27.6 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.348 ng/ul
RT: 27.568 min Scan# 6198
Delta R.T. -0.014 min
Lab File: BN027511.D
Acq: 09 Sep 2023 20:55

Tgt Ion:276 Resp: 26027
Ion Ratio Lower Upper
276 100
138 25.9 22.1 33.1
277 24.7 20.2 30.4

