

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027509.D
 Acq On : 09 Sep 2023 19:41
 Operator : MA/JU
 Sample : PB155239BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS239

Quant Time: Sep 10 00:12:51 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)

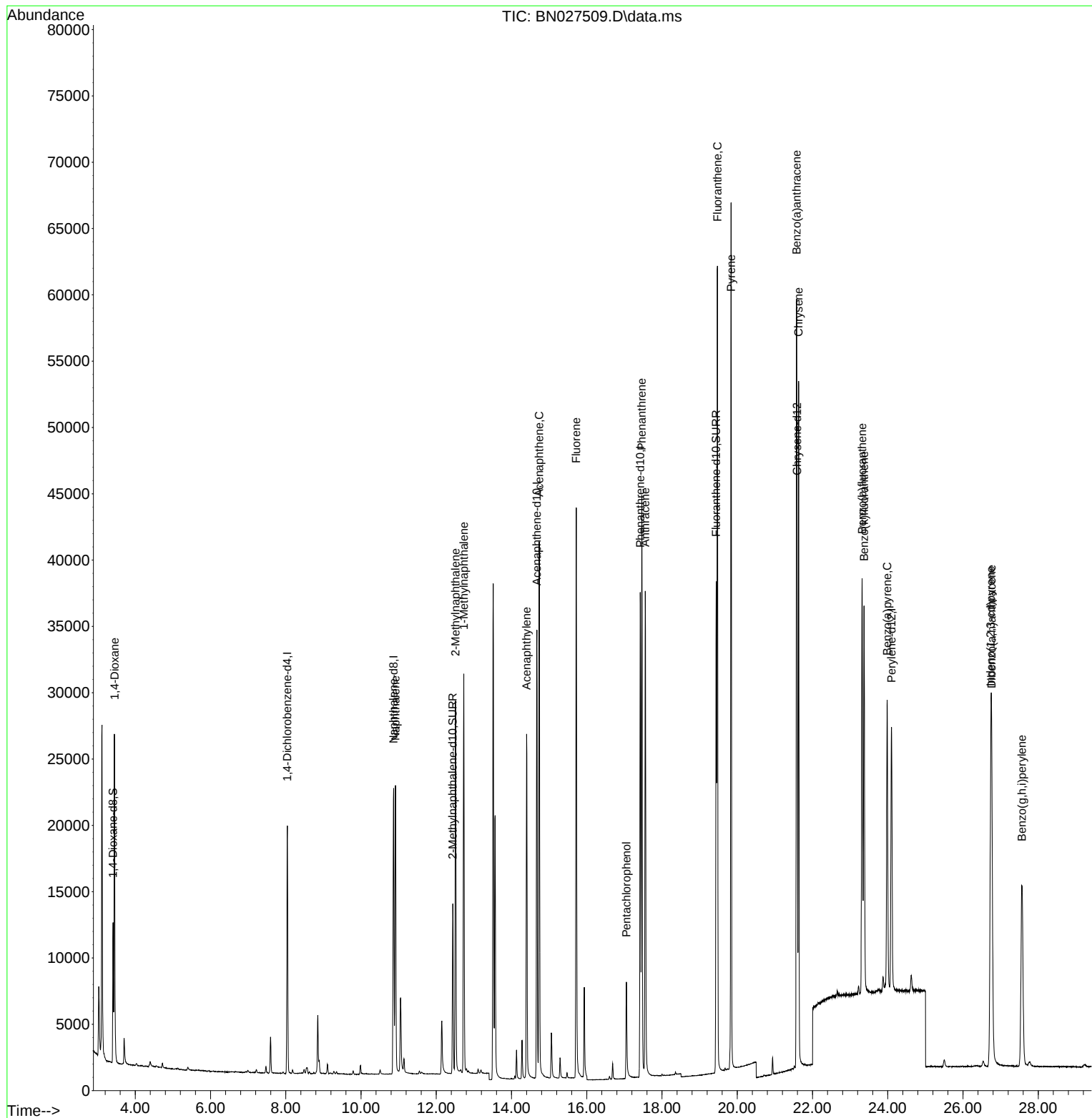
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	9427	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	31268	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	19620	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	45364	0.400	ng/ul	0.00
17) Chrysene-d12	21.594	240	33785	0.400	ng/ul	# 0.00
23) Perylene-d12	24.100	264	30404	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	6953	0.554	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.439	152	16768	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	41454	0.358	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.447	88	18292	1.442	ng/ul#	85
5) Naphthalene	10.916	128	29867	0.329	ng/ul	100
7) 2-Methylnaphthalene	12.511	142	20055	0.353	ng/ul	99
8) 1-Methylnaphthalene	12.731	142	20675	0.342	ng/ul	100
10) Acenaphthylene	14.402	152	30789	0.343	ng/ul	99
11) Acenaphthene	14.735	153	24137	0.312	ng/ul	97
12) Fluorene	15.720	166	28391	0.328	ng/ul	99
14) Pentachlorophenol	17.054	266	5734	0.648	ng/ul	99
15) Phenanthrene	17.464	178	46853	0.317	ng/ul	99
16) Anthracene	17.557	178	42381	0.361	ng/ul	99
19) Fluoranthene	19.473	202	53898	0.347	ng/ul	97
20) Pyrene	19.836	202	55653	0.352	ng/ul	96
21) Benzo(a)anthracene	21.577	228	48044	0.395	ng/ul	99
22) Chrysene	21.629	228	46502	0.327	ng/ul	100
24) Benzo(b)fluoranthene	23.319	252	44146	0.307	ng/ul	97
25) Benzo(k)fluoranthene	23.372	252	42807	0.305	ng/ul	96
26) Benzo(a)pyrene	23.986	252	36259	0.323	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.740	276	42456	0.341	ng/ul	94
28) Dibenzo(a,h)anthracene	26.763	278	34130	0.358	ng/ul	98
29) Benzo(g,h,i)perylene	27.565	276	35234	0.313	ng/ul	98

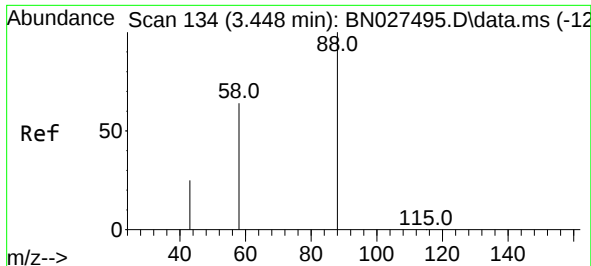
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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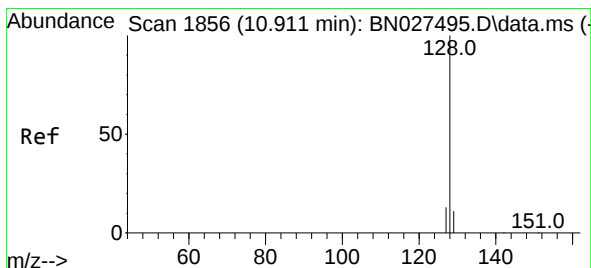
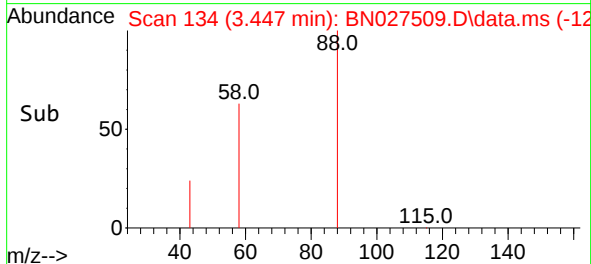
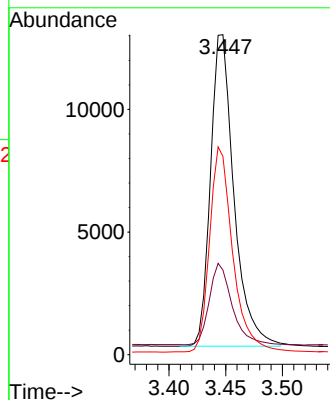
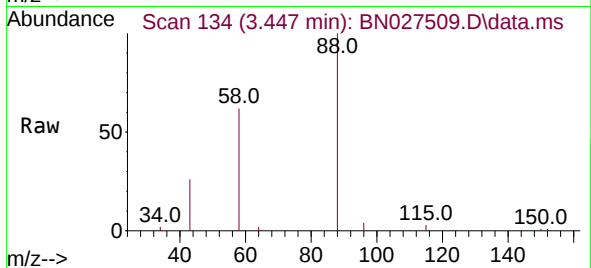




#2
1,4-Dioxane
Concen: 1.442 ng/ul
RT: 3.447 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

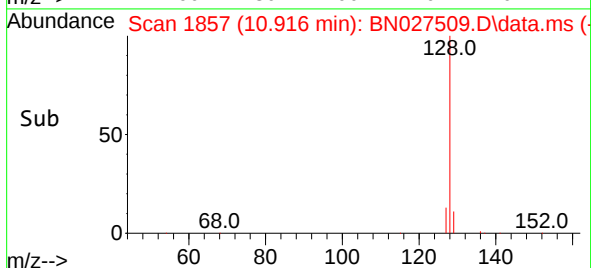
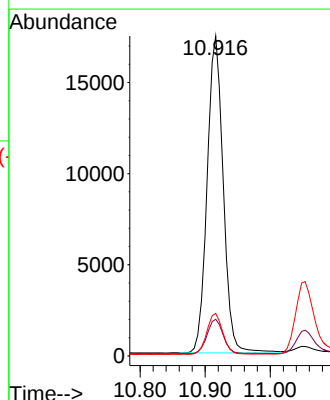
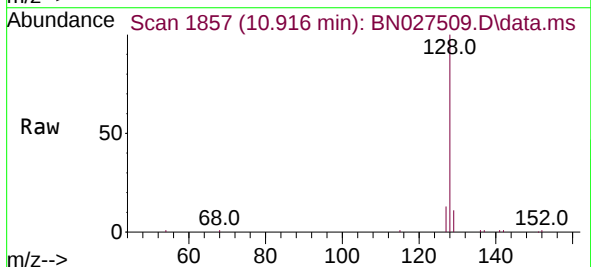
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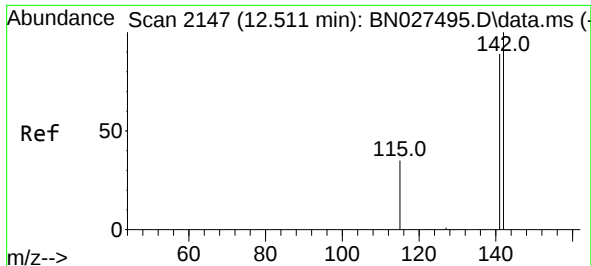
Tgt Ion: 88 Resp: 18292
Ion Ratio Lower Upper
88 100
43 26.4 26.8 40.2#
58 61.9 39.9 59.9#



#5
Naphthalene
Concen: 0.329 ng/ul
RT: 10.916 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

Tgt Ion: 128 Resp: 29867
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.3 10.6 16.0

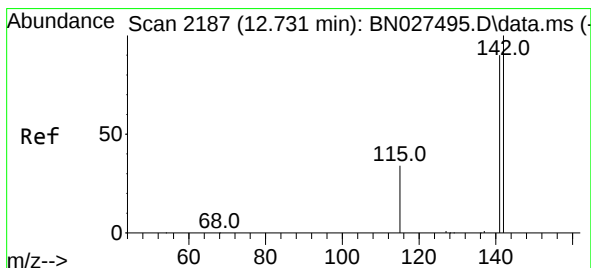
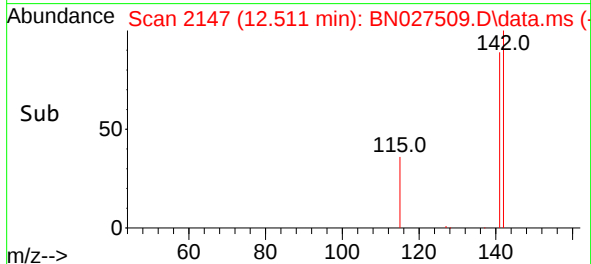
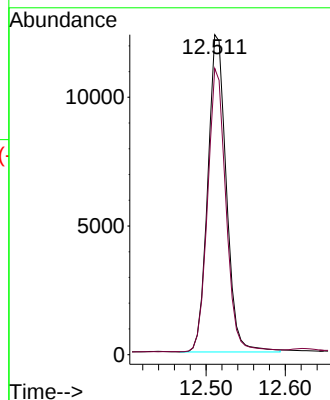
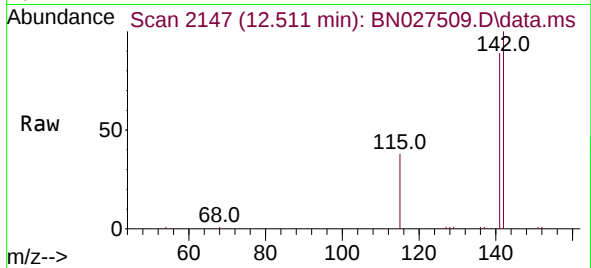




#7
2-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.011 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

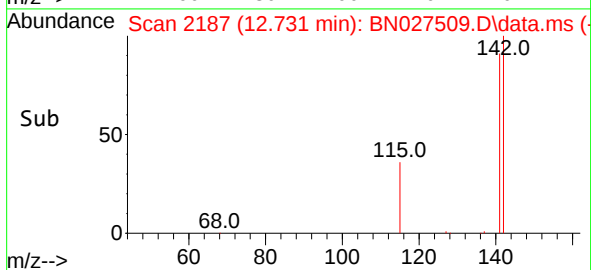
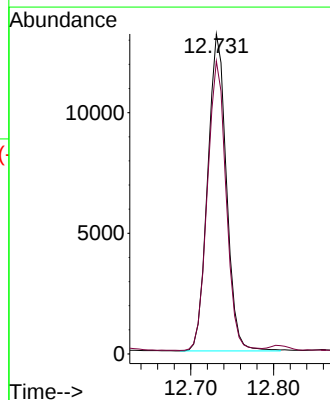
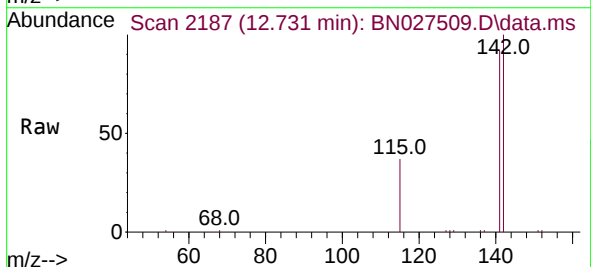
Instrument :
BNA_N
ClientSampleId :
SLCS239

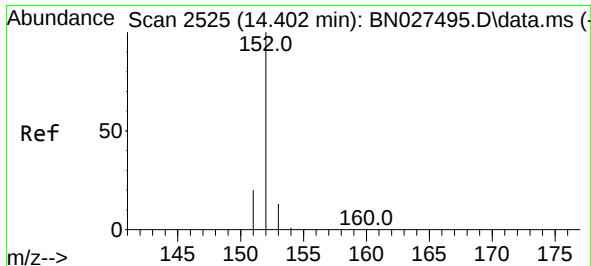
Tgt Ion:142 Resp: 20055
Ion Ratio Lower Upper
142 100
141 88.4 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.731 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

Tgt Ion:142 Resp: 20675
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.4

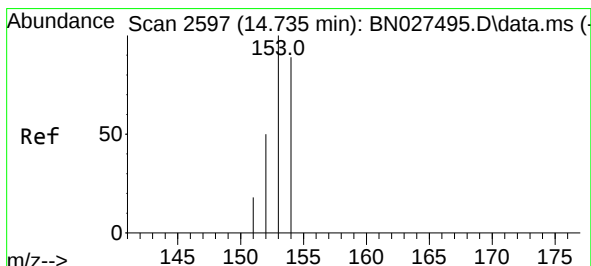
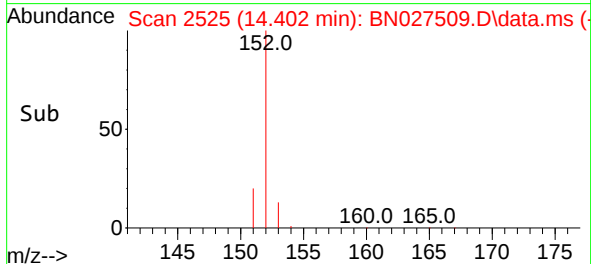
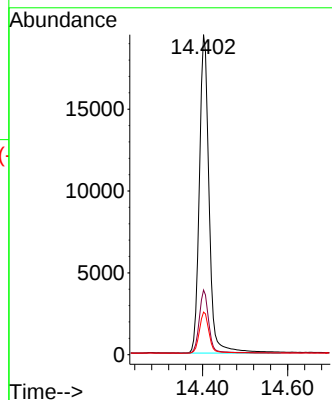
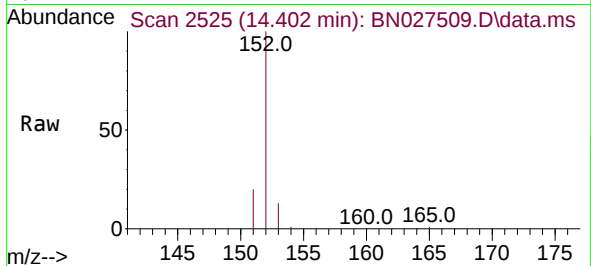




#10
Acenaphthylene
Concen: 0.343 ng/ul
RT: 14.402 min Scan# 2525
Delta R.T. -0.005 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

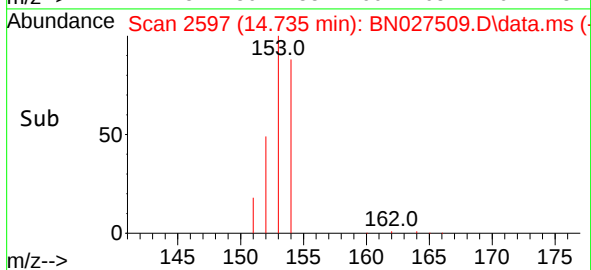
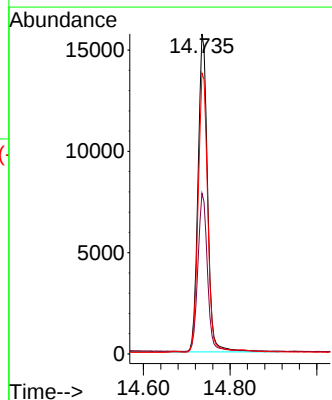
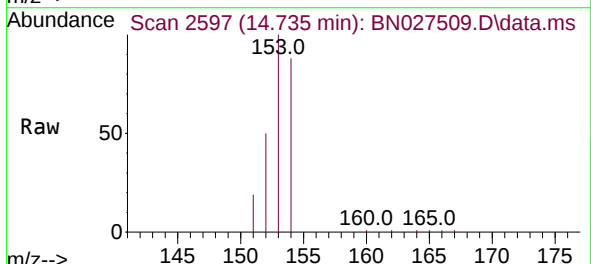
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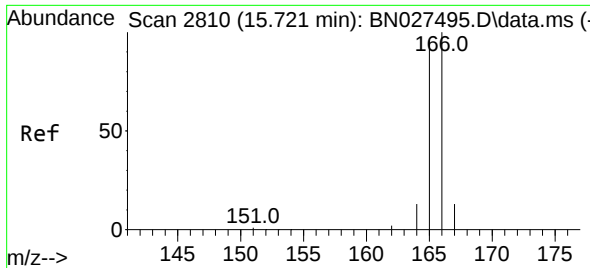
Tgt Ion:152 Resp: 30789
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.3 11.1 16.7



#11
Acenaphthene
Concen: 0.312 ng/ul
RT: 14.735 min Scan# 2597
Delta R.T. -0.005 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

Tgt Ion:153 Resp: 24137
Ion Ratio Lower Upper
153 100
152 50.2 42.9 64.3
154 87.8 69.4 104.0

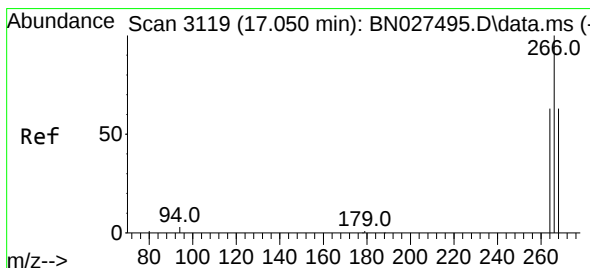
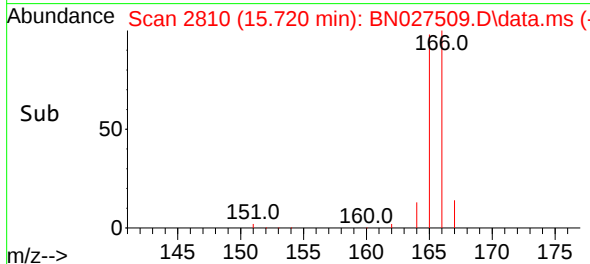
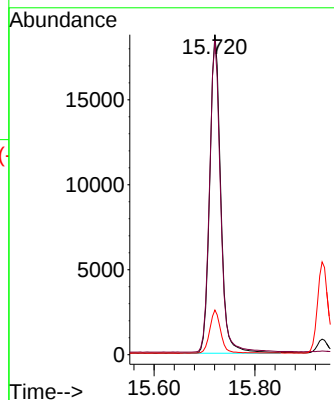
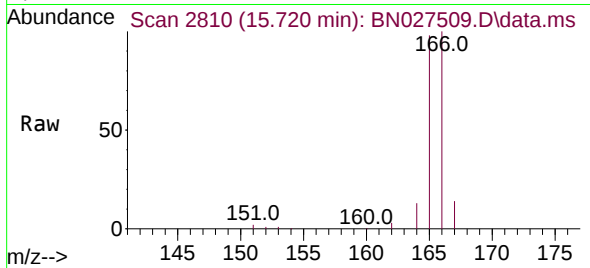




#12
 Fluorene
 Concen: 0.328 ng/ul
 RT: 15.720 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN027509.D
 Acq: 09 Sep 2023 19:41

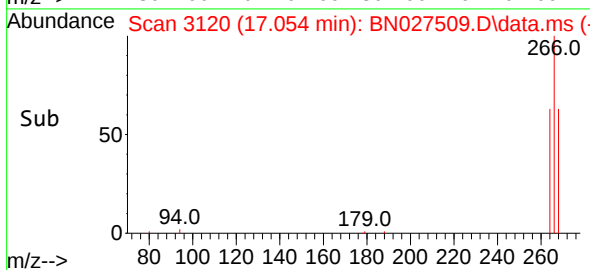
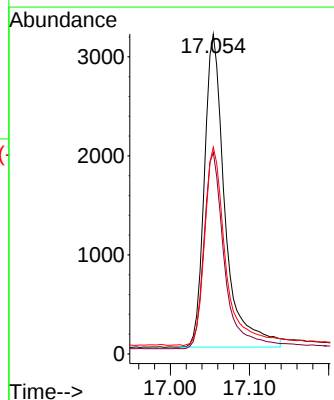
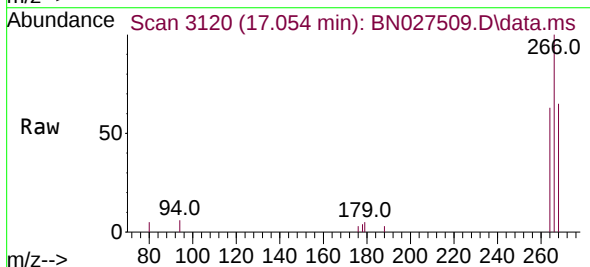
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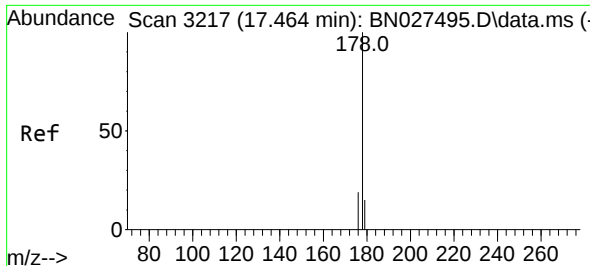
Tgt Ion:166 Resp: 28391
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.6 119.4
 167 13.9 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.648 ng/ul
 RT: 17.054 min Scan# 3120
 Delta R.T. -0.005 min
 Lab File: BN027509.D
 Acq: 09 Sep 2023 19:41

Tgt Ion:266 Resp: 5734
 Ion Ratio Lower Upper
 266 100
 264 62.6 50.4 75.6
 268 64.4 51.9 77.9

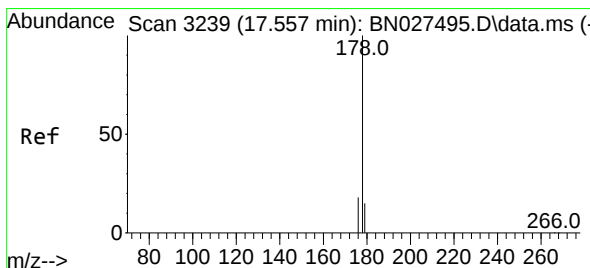
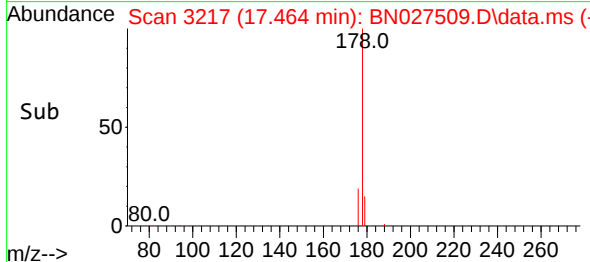
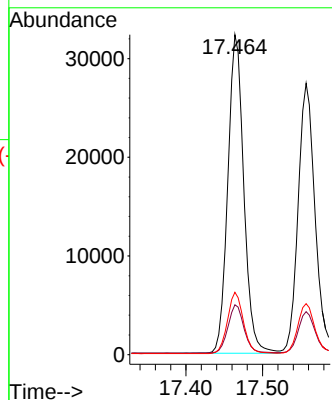
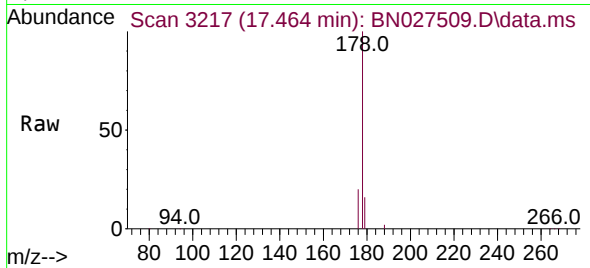




#15
Phenanthrene
Concen: 0.317 ng/ul
RT: 17.464 min Scan# 3217
Delta R.T. -0.005 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

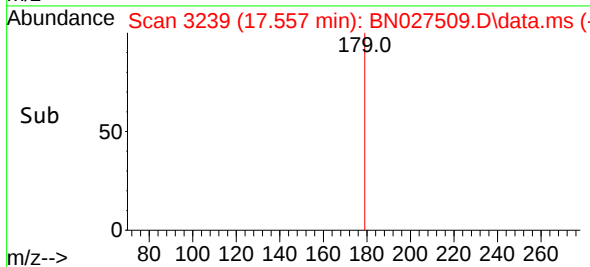
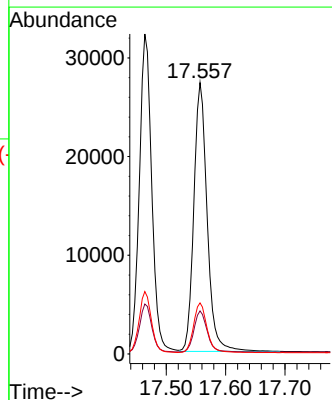
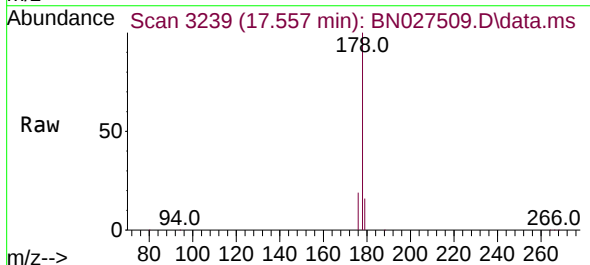
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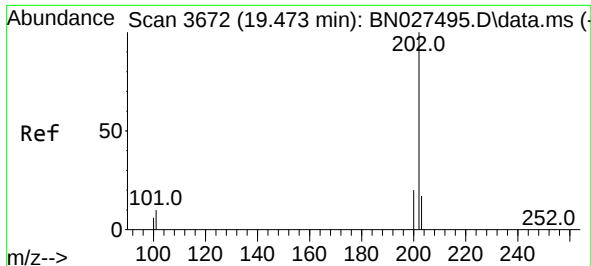
Tgt Ion:178 Resp: 46853
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.5 15.8 23.8



#16
Anthracene
Concen: 0.361 ng/ul
RT: 17.557 min Scan# 3239
Delta R.T. -0.004 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

Tgt Ion:178 Resp: 42381
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 18.8 15.6 23.4

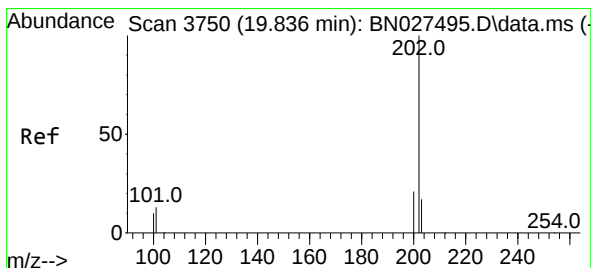
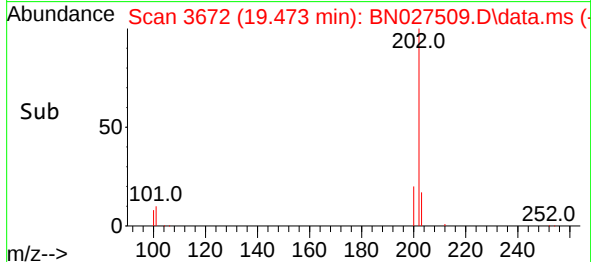
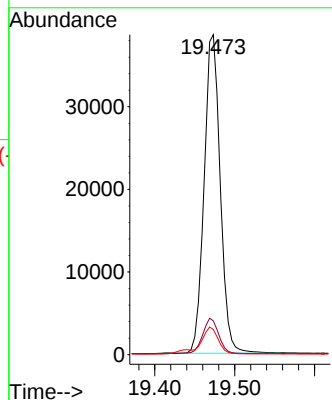
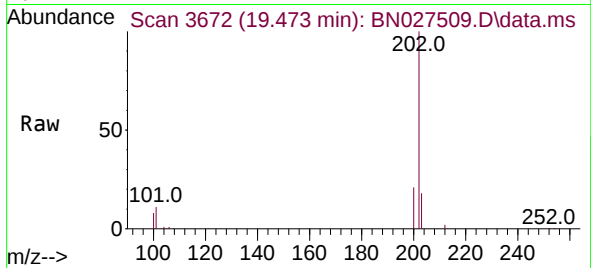




#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 19.473 min Scan# 3672
Delta R.T. -0.005 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

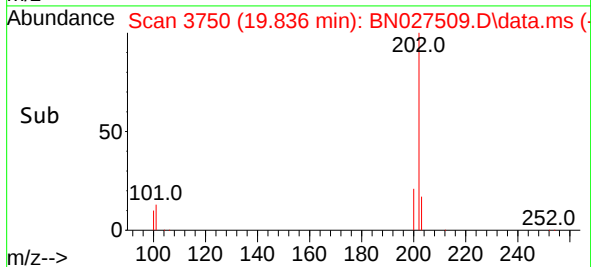
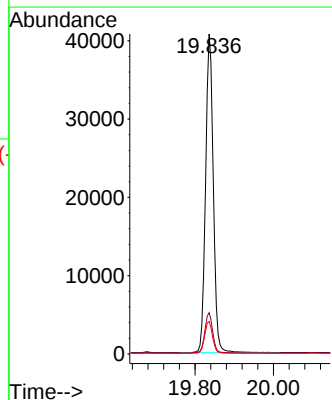
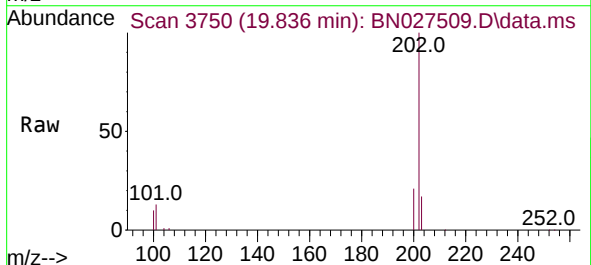
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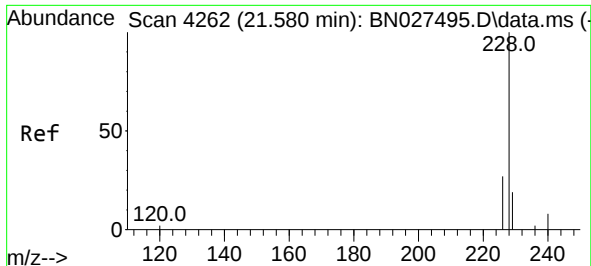
Tgt Ion:202 Resp: 53898
Ion Ratio Lower Upper
202 100
101 10.6 9.4 14.0
100 7.9 6.9 10.3



#20
Pyrene
Concen: 0.352 ng/ul
RT: 19.836 min Scan# 3750
Delta R.T. -0.005 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

Tgt Ion:202 Resp: 55653
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.2
100 10.1 9.4 14.2

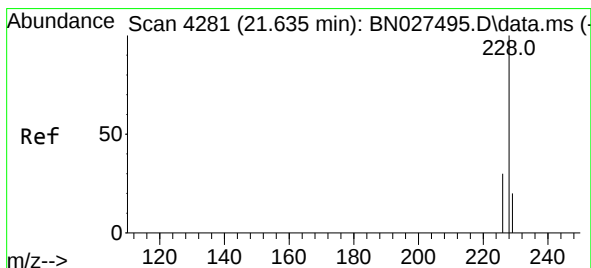
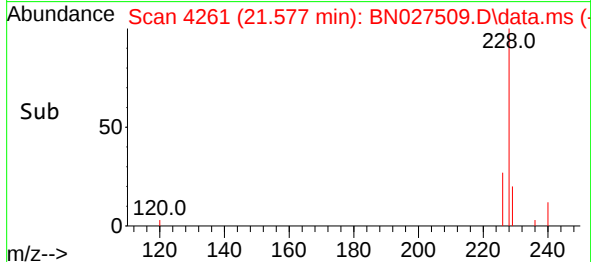
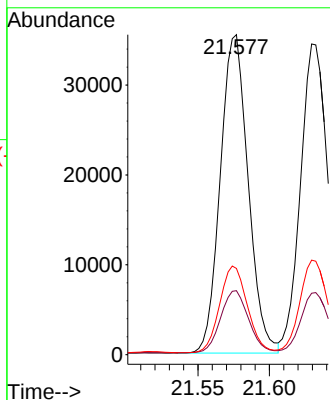
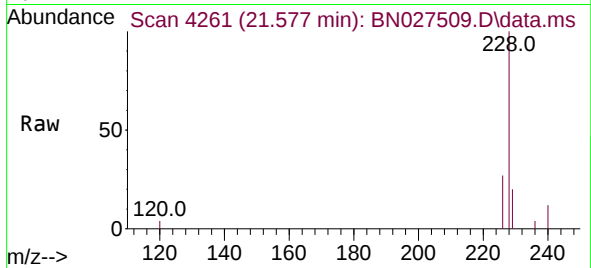




#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.577 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

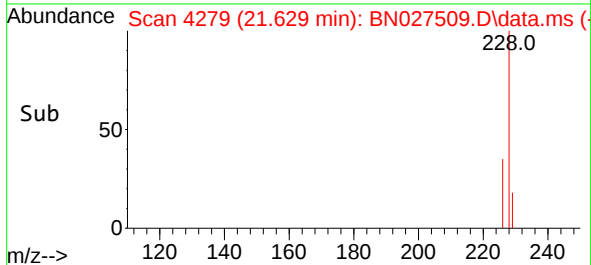
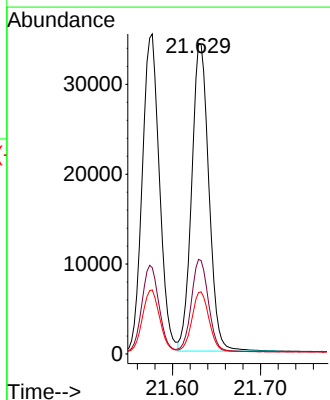
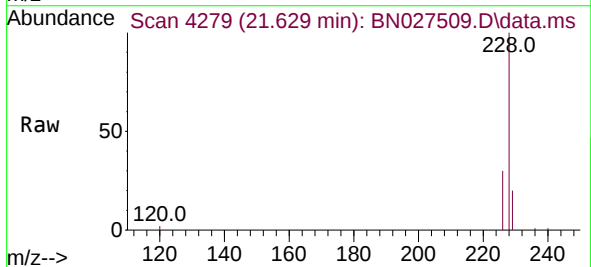
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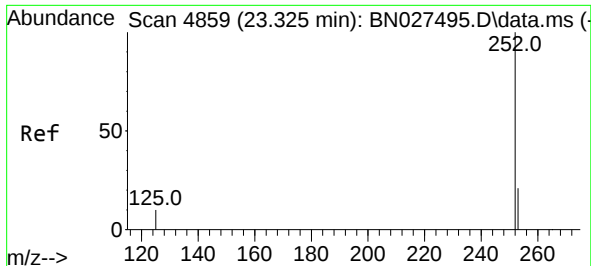
Tgt Ion:228 Resp: 48044
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 26.9 22.0 33.0



#22
Chrysene
Concen: 0.327 ng/ul
RT: 21.629 min Scan# 4279
Delta R.T. -0.006 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

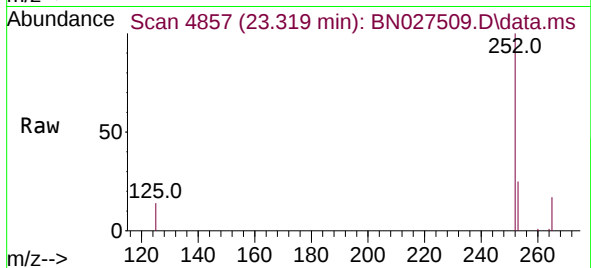
Tgt Ion:228 Resp: 46502
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.8 15.6 23.4



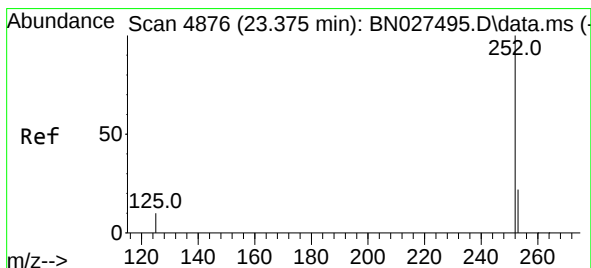
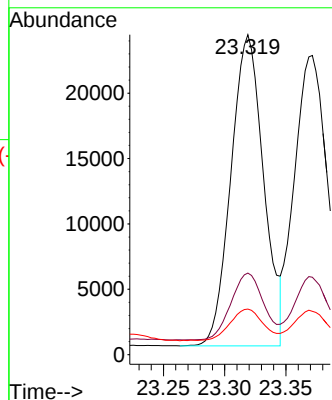


#24
Benzo(b)fluoranthene
Concen: 0.307 ng/ul
RT: 23.319 min Scan# 4857
Delta R.T. -0.009 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

Instrument :
BNA_N
ClientSampleId :
SLCS239

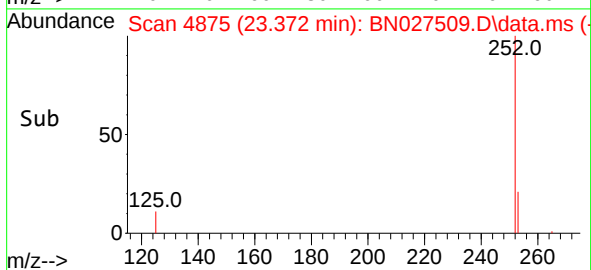
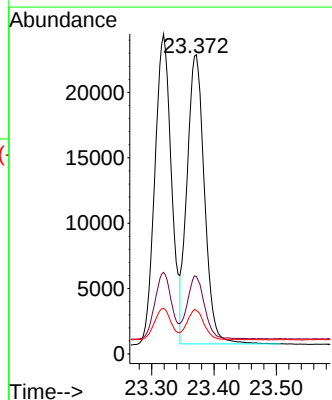
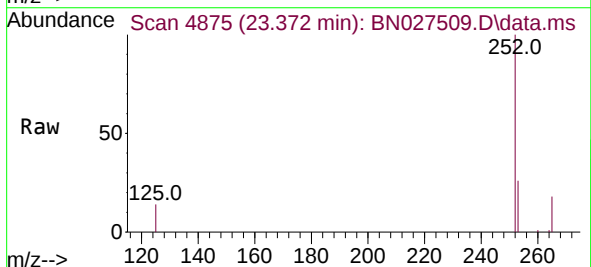


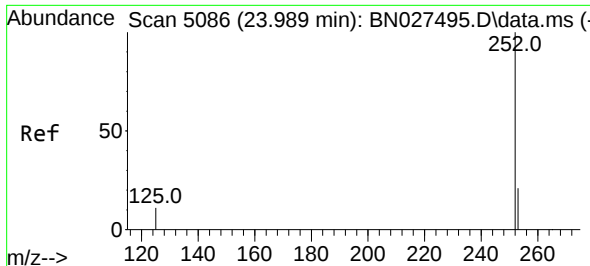
Tgt Ion:252 Resp: 44146
Ion Ratio Lower Upper
252 100
253 25.5 0.0 49.6
125 14.3 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.305 ng/ul
RT: 23.372 min Scan# 4875
Delta R.T. -0.006 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

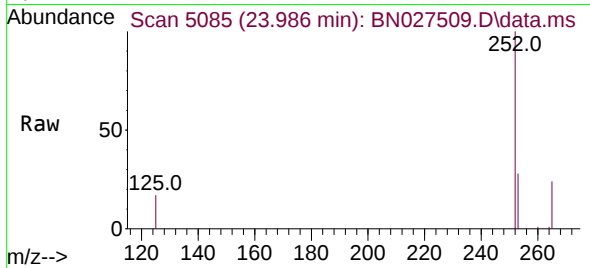
Tgt Ion:252 Resp: 42807
Ion Ratio Lower Upper
252 100
253 25.9 19.9 29.9
125 14.5 13.6 20.4



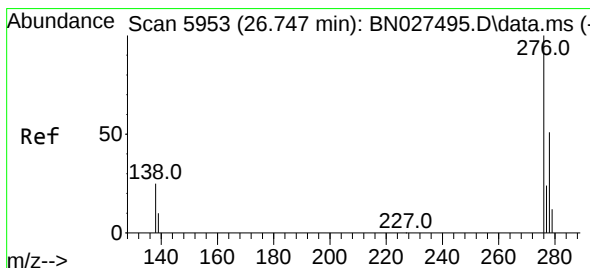
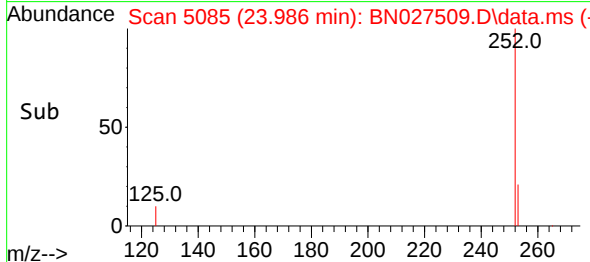
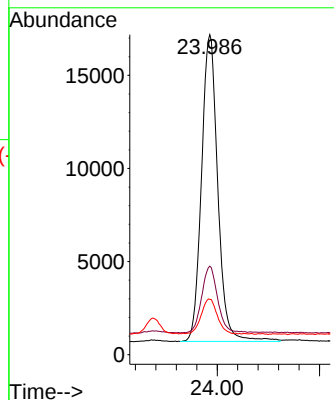


#26
Benzo(a)pyrene
Concen: 0.323 ng/ul
RT: 23.986 min Scan# 5085
Delta R.T. -0.009 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

Instrument :
BNA_N
ClientSampleId :
SLCS239

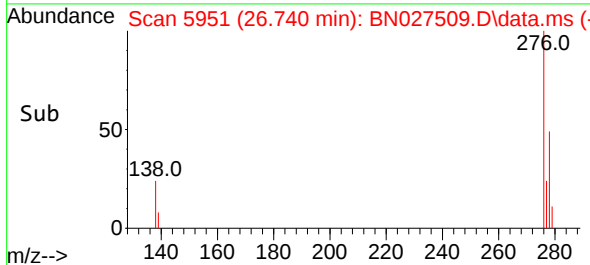
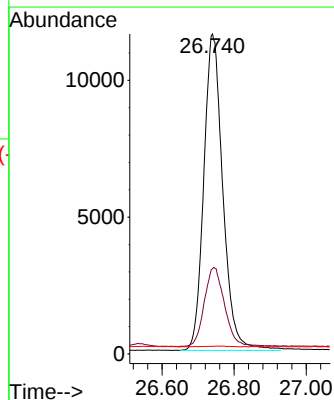
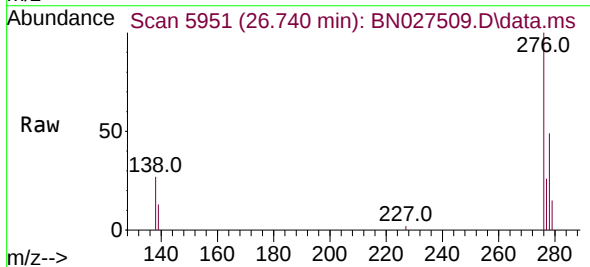


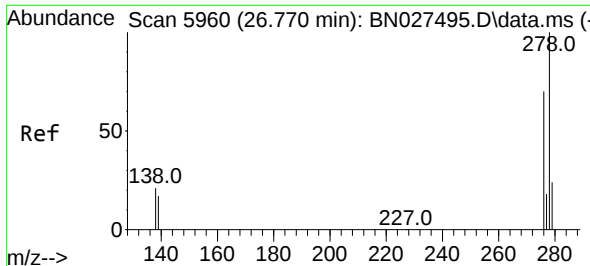
Tgt Ion:252 Resp: 36259
Ion Ratio Lower Upper
252 100
253 27.6 22.4 33.6
125 17.3 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 26.740 min Scan# 5951
Delta R.T. -0.014 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

Tgt Ion:276 Resp: 42456
Ion Ratio Lower Upper
276 100
138 26.8 23.9 35.9
227 0.1 0.1 0.1

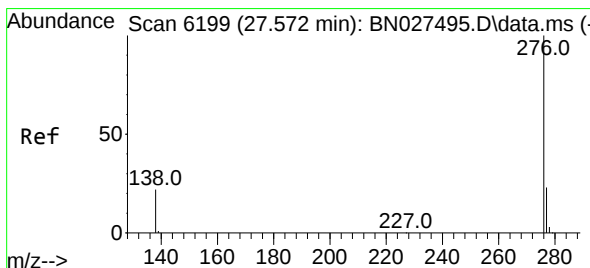
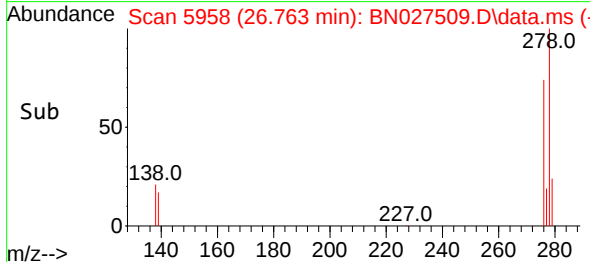
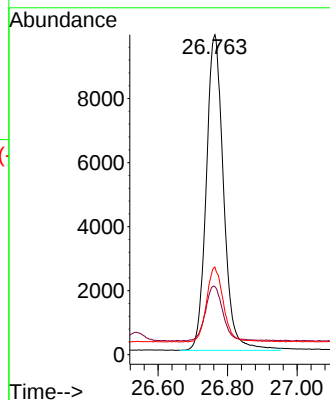
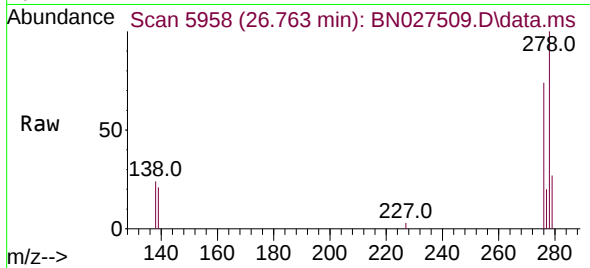




#28
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 26.763 min Scan# 5958
Delta R.T. -0.014 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

Instrument :
BNA_N
ClientSampleId :
SLCS239

Tgt Ion:278 Resp: 34130
Ion Ratio Lower Upper
278 100
139 21.3 18.0 27.0
279 27.4 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul
RT: 27.565 min Scan# 6197
Delta R.T. -0.017 min
Lab File: BN027509.D
Acq: 09 Sep 2023 19:41

Tgt Ion:276 Resp: 35234
Ion Ratio Lower Upper
276 100
138 25.3 22.1 33.1
277 25.2 20.2 30.4

