

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
 Data File : BN026512.D
 Acq On : 14 Jul 2023 22:36
 Operator : MA/JU
 Sample : 03414-21MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 15 01:56:40 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 01:53:23 2023
 Response via : Initial Calibration

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

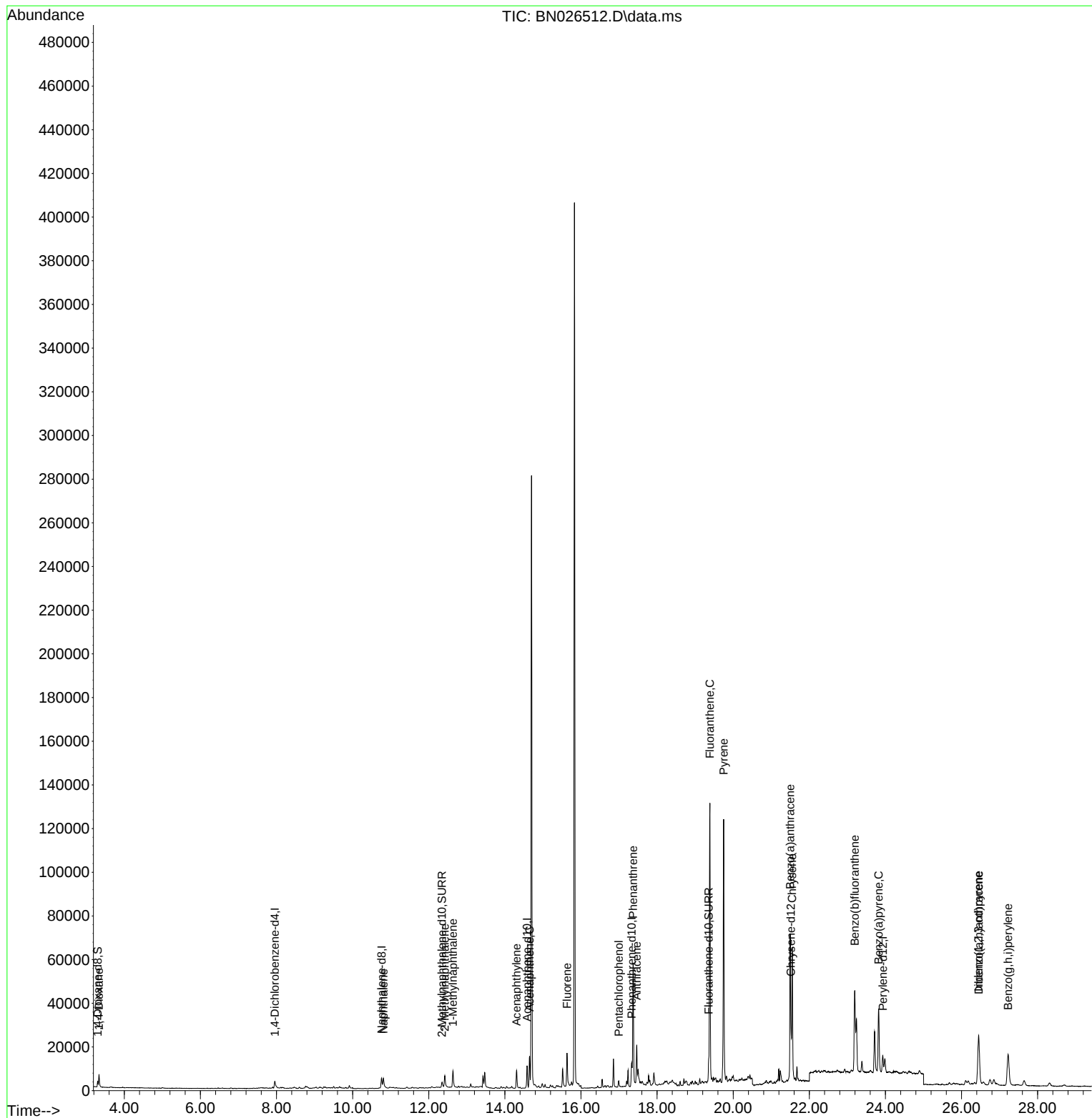
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	2820	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	9180	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.584	164	5969	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	19617	0.400	ng/ul #	0.00
17) Chrysene-d12	21.514	240	11892	0.400	ng/ul	0.00
23) Perylene-d12	23.932	264	11670	0.400	ng/ul #-	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	1798	0.484	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	4346	0.348	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	13204	0.320	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	4240	1.206	ng/ul	92
5) Naphthalene	10.809	128	8175	0.324	ng/ul	99
7) 2-Methylnaphthalene	12.420	142	5087	0.356	ng/ul	97
8) 1-Methylnaphthalene	12.634	142	5955	0.389	ng/ul	100
10) Acenaphthylene	14.306	152	10442	0.357	ng/ul	96
11) Acenaphthene	14.649	153	8742	0.393	ng/ul	99
12) Fluorene	15.634	166	11236	0.481	ng/ul	98
14) Pentachlorophenol	16.992	266	2137	0.432	ng/ul	95
15) Phenanthrene	17.368	178	64246	1.028	ng/ul	98
16) Anthracene	17.465	178	22594	0.417	ng/ul	97
19) Fluoranthene	19.387	202	118761	2.131	ng/ul#	96
20) Pyrene	19.749	202	113292	1.871	ng/ul	98
21) Benzo(a)anthracene	21.497	228	60605	1.387	ng/ul	98
22) Chrysene	21.549	228	64809	1.303	ng/ul	98
24) Benzo(b)fluoranthene	23.195	252	69698	1.533	ng/ul	89
26) Benzo(a)pyrene	23.821	252	47606	1.176	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.447	276	37614	0.709	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.457	278	16523	0.406	ng/ul	95
29) Benzo(g,h,i)perylene	27.225	276	36024	0.769	ng/ul#	90

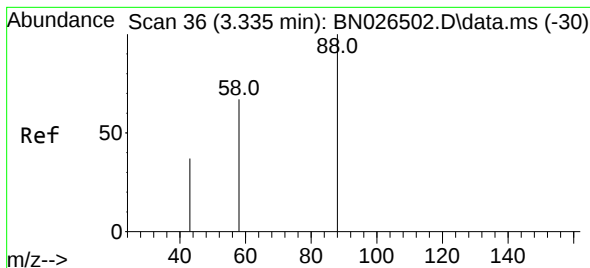
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 15 01:56:40 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.206 ng/ul

RT: 3.335 min Scan# 30

Delta R.T. 0.000 min

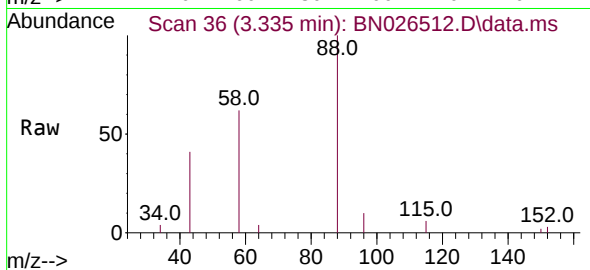
Lab File: BN026512.D

Acq: 14 Jul 2023 22:36

Instrument :

BNA_N

ClientSampleId :



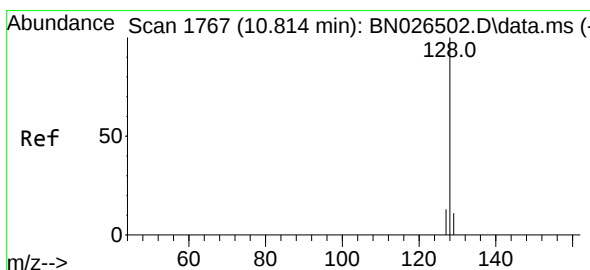
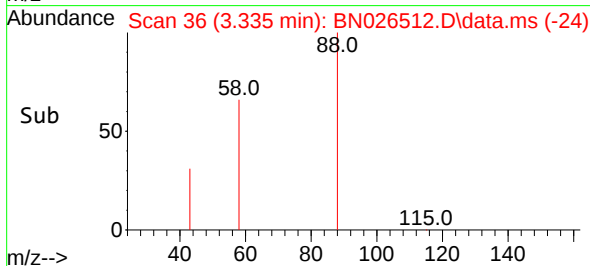
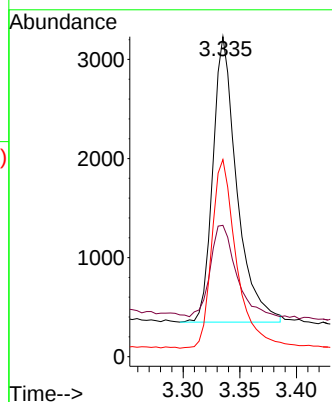
Tgt Ion: 88 Resp: 4240

Ion Ratio Lower Upper

88 100

43 41.1 33.0 49.6

58 61.6 41.7 62.5



#5

Naphthalene

Concen: 0.324 ng/ul

RT: 10.809 min Scan# 1766

Delta R.T. -0.005 min

Lab File: BN026512.D

Acq: 14 Jul 2023 22:36

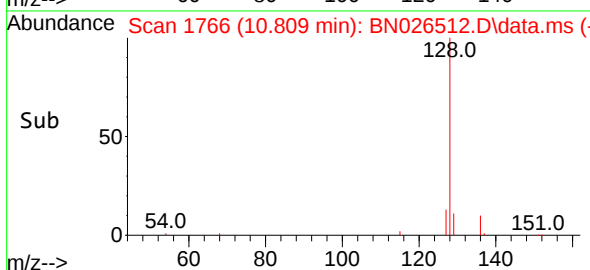
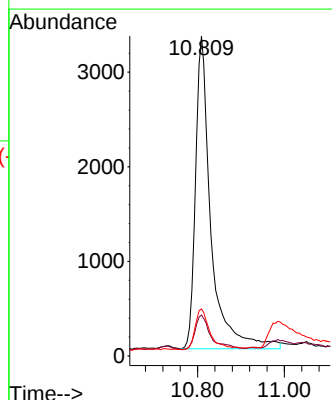
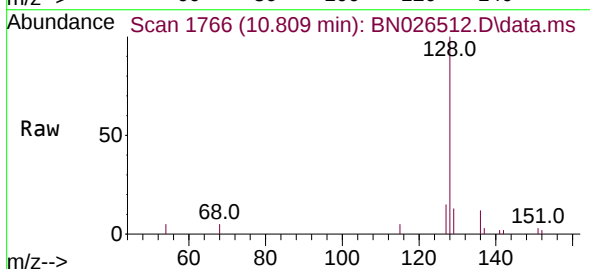
Tgt Ion:128 Resp: 8175

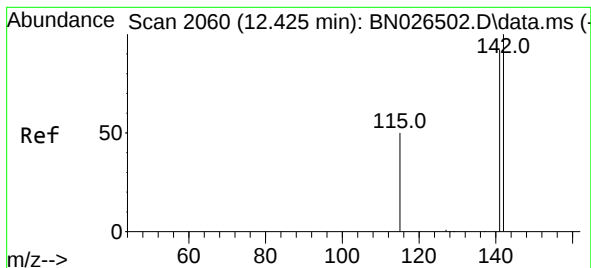
Ion Ratio Lower Upper

128 100

129 12.8 10.2 15.2

127 14.7 11.4 17.0

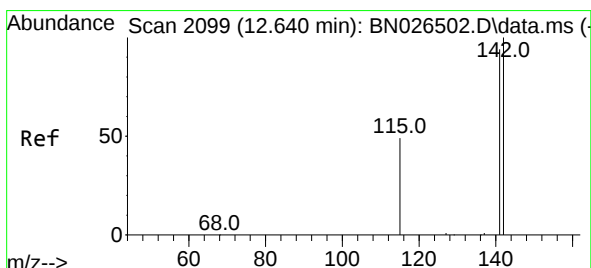
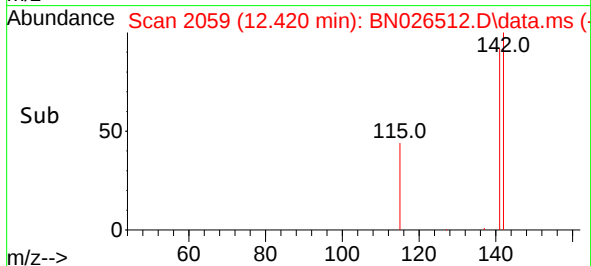
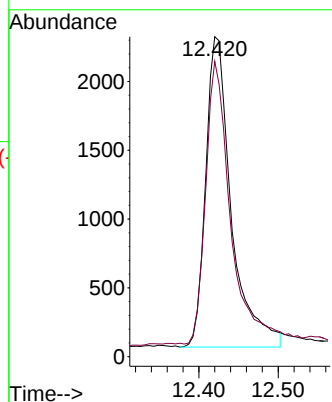
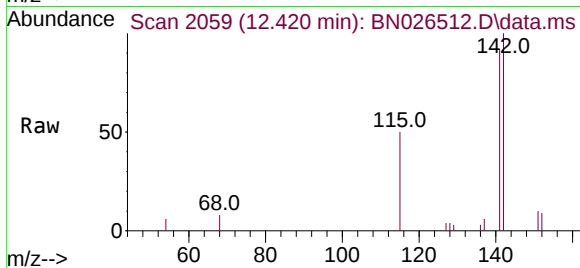




#7
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN026512.D
Acq: 14 Jul 2023 22:36

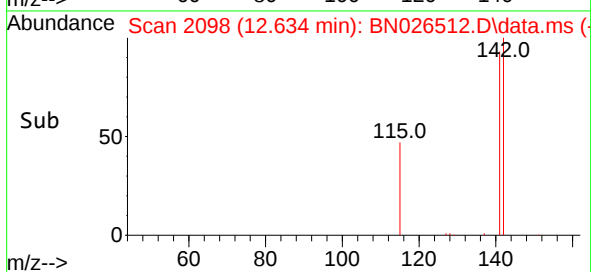
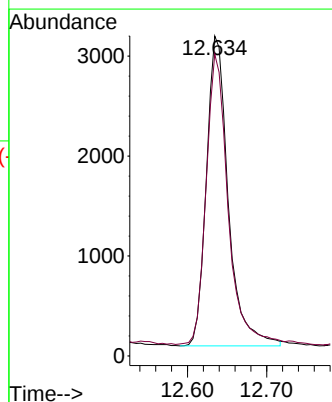
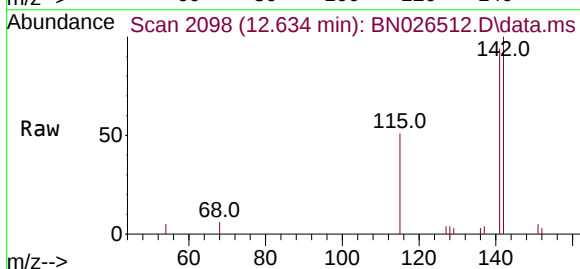
Instrument :
BNA_N
ClientSampleId :

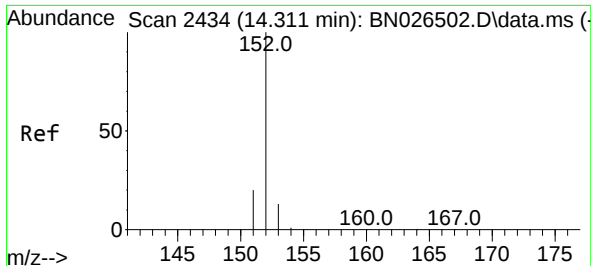
Tgt Ion:142 Resp: 5087
Ion Ratio Lower Upper
142 100
141 87.9 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BN026512.D
Acq: 14 Jul 2023 22:36

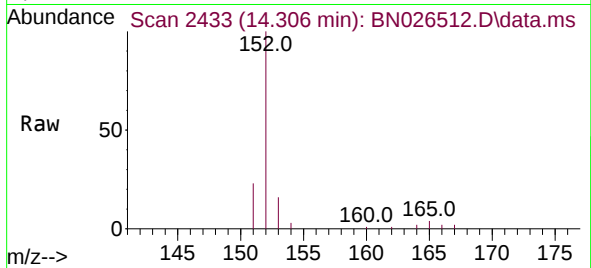
Tgt Ion:142 Resp: 5955
Ion Ratio Lower Upper
142 100
141 93.4 74.5 111.7



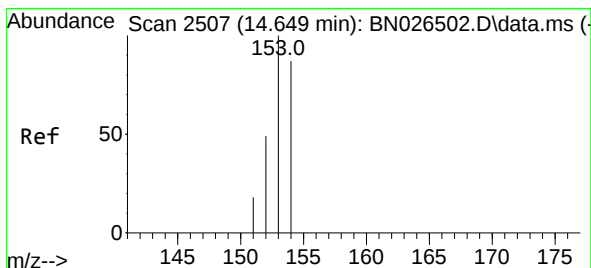
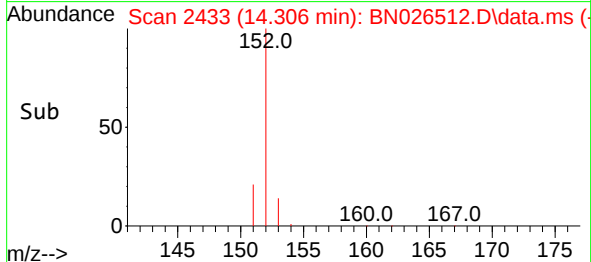
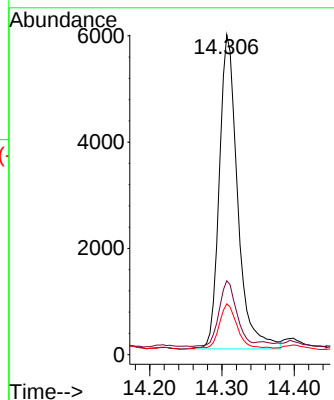


#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.306 min Scan# 2434
Delta R.T. -0.005 min
Lab File: BN026512.D
Acq: 14 Jul 2023 22:36

Instrument :
BNA_N
ClientSampleId :

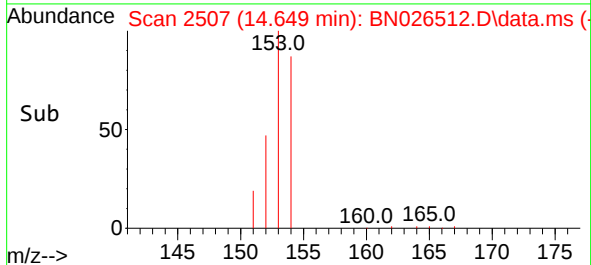
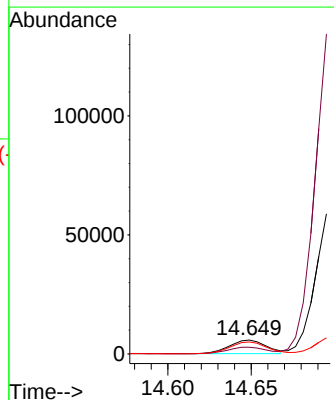
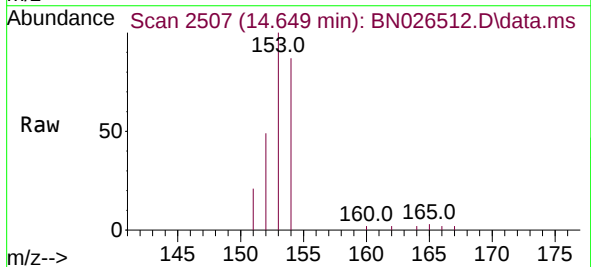


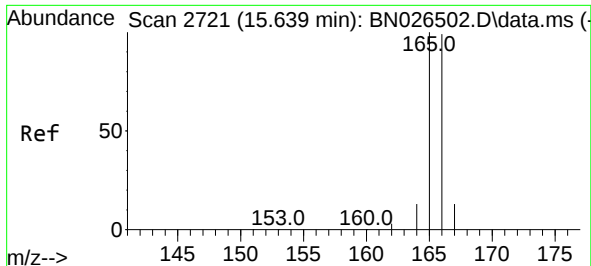
Tgt Ion:152 Resp: 10442
Ion Ratio Lower Upper
152 100
151 23.1 17.0 25.6
153 15.9 11.4 17.2



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.649 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BN026512.D
Acq: 14 Jul 2023 22:36

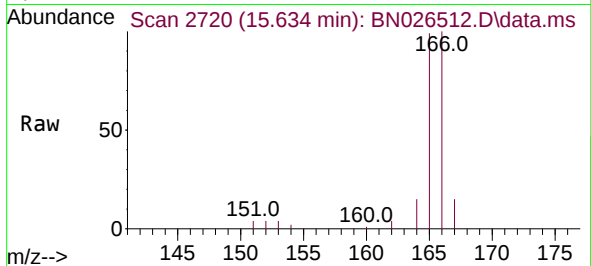
Tgt Ion:153 Resp: 8742
Ion Ratio Lower Upper
153 100
152 48.6 40.2 60.4
154 86.6 69.3 103.9



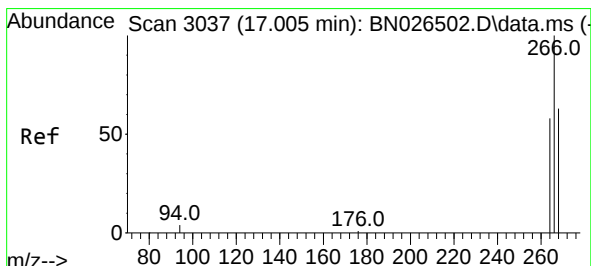
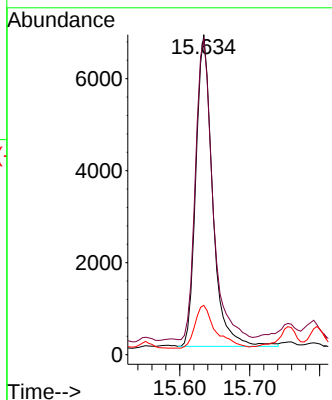
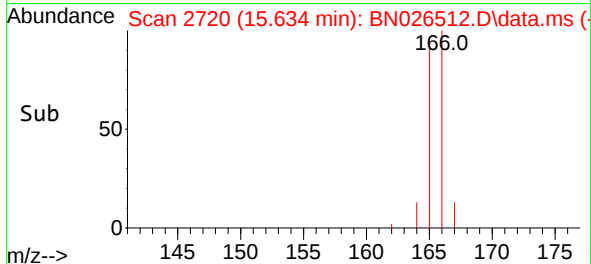


#12
Fluorene
Concen: 0.481 ng/ul
RT: 15.634 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026512.D
Acq: 14 Jul 2023 22:36

Instrument :
BNA_N
ClientSampleId :

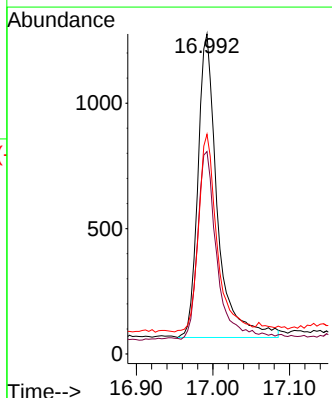
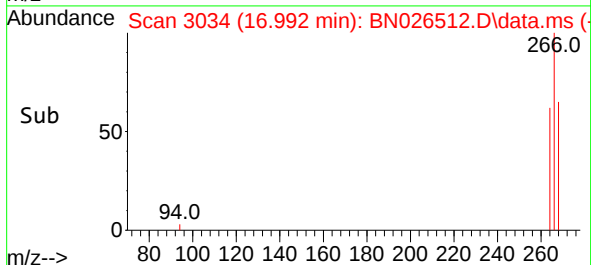
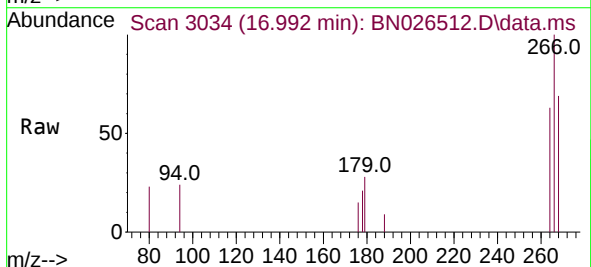


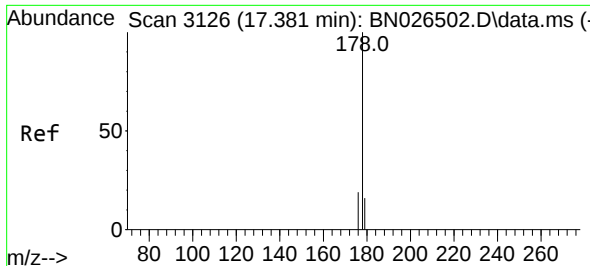
Tgt Ion:166 Resp: 11236
Ion Ratio Lower Upper
166 100
165 98.5 80.6 120.8
167 15.4 12.0 18.0



#14
Pentachlorophenol
Concen: 0.432 ng/ul
RT: 16.992 min Scan# 3034
Delta R.T. -0.013 min
Lab File: BN026512.D
Acq: 14 Jul 2023 22:36

Tgt Ion:266 Resp: 2137
Ion Ratio Lower Upper
266 100
264 61.6 52.0 78.0
268 62.0 53.0 79.6

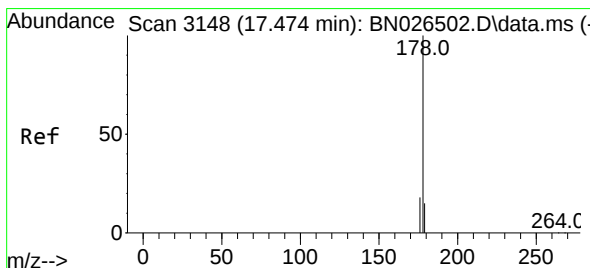
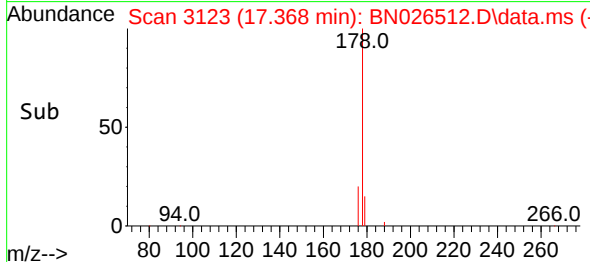
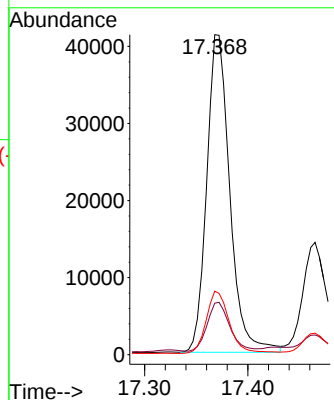
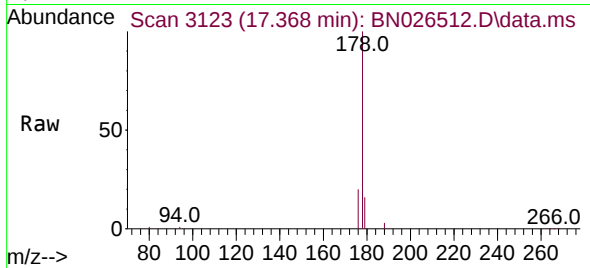




#15
Phenanthrene
Concen: 1.028 ng/ul
RT: 17.368 min Scan# 3126
Delta R.T. -0.013 min
Lab File: BN026512.D
Acq: 14 Jul 2023 22:36

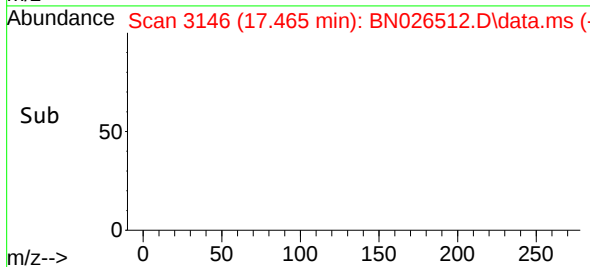
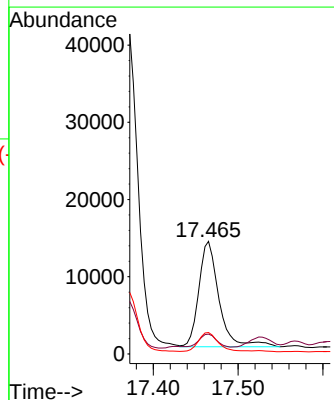
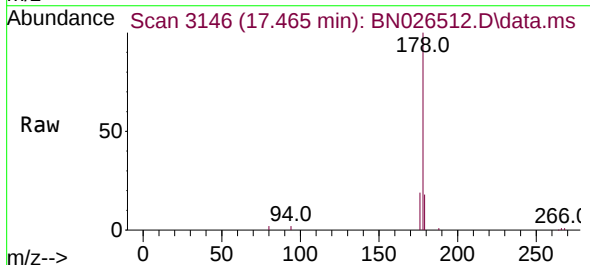
Instrument :
BNA_N
ClientSampleId :

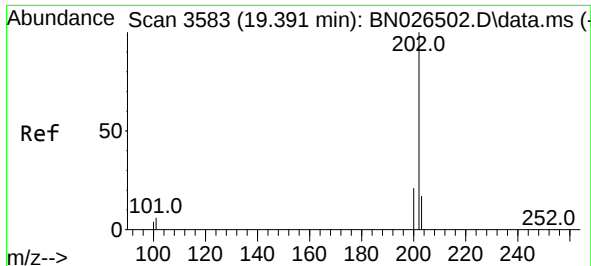
Tgt Ion:178 Resp: 64246
Ion Ratio Lower Upper
178 100
179 16.1 13.7 20.5
176 19.8 16.5 24.7



#16
Anthracene
Concen: 0.417 ng/ul
RT: 17.465 min Scan# 3146
Delta R.T. -0.008 min
Lab File: BN026512.D
Acq: 14 Jul 2023 22:36

Tgt Ion:178 Resp: 22594
Ion Ratio Lower Upper
178 100
179 17.6 14.8 22.2
176 19.1 16.6 25.0

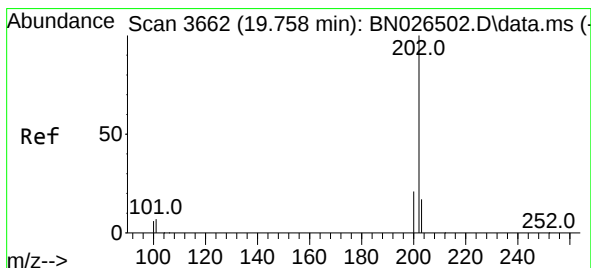
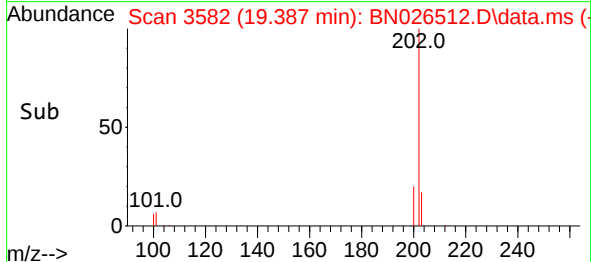
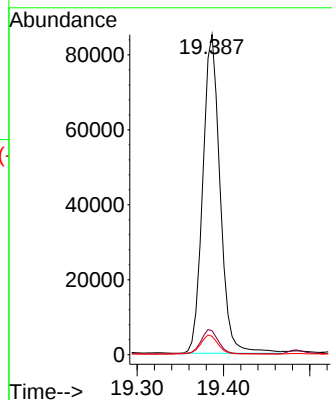
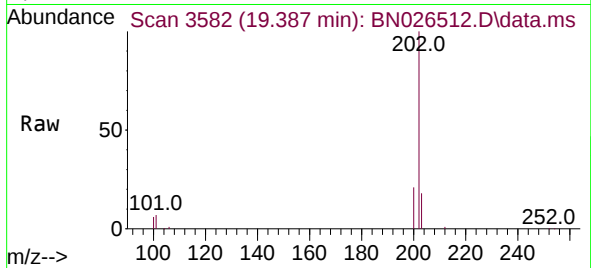




#19
Fluoranthene
Concen: 2.131 ng/ul
RT: 19.387 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN026512.D
Acq: 14 Jul 2023 22:36

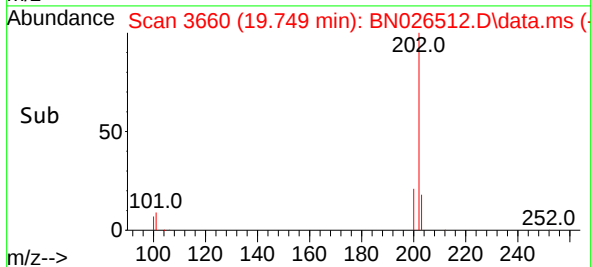
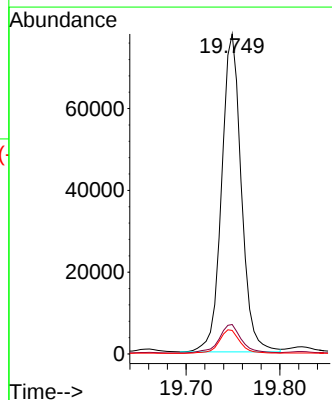
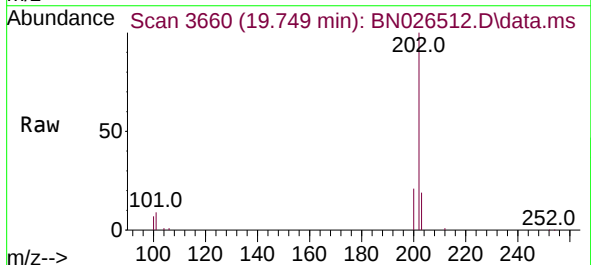
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BNA_N
ClientSampleId :

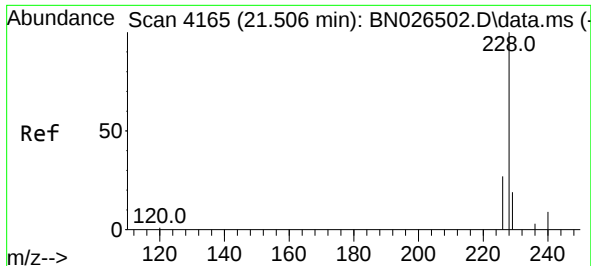
Tgt Ion:202 Resp: 118761
Ion Ratio Lower Upper
202 100
101 7.5 7.0 10.4
100 5.7 6.0 9.0#



#20
Pyrene
Concen: 1.871 ng/ul
RT: 19.749 min Scan# 3660
Delta R.T. -0.009 min
Lab File: BN026512.D
Acq: 14 Jul 2023 22:36

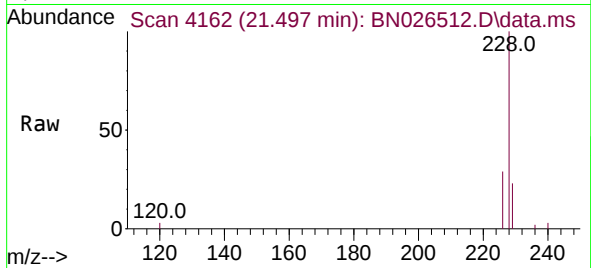
Tgt Ion:202 Resp: 113292
Ion Ratio Lower Upper
202 100
101 9.2 8.0 12.0
100 7.4 6.2 9.2



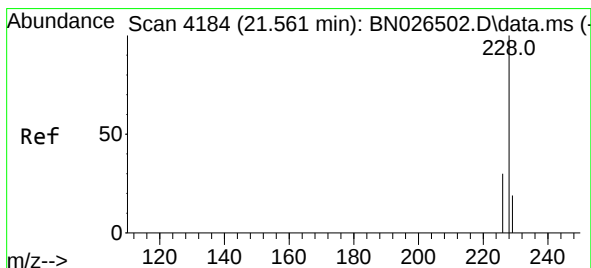
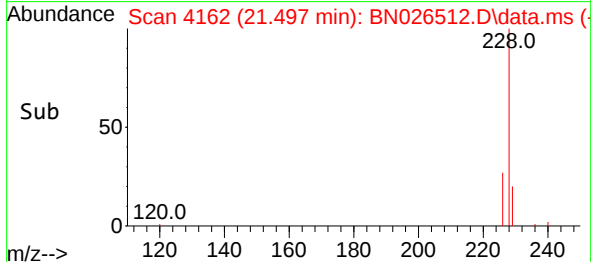
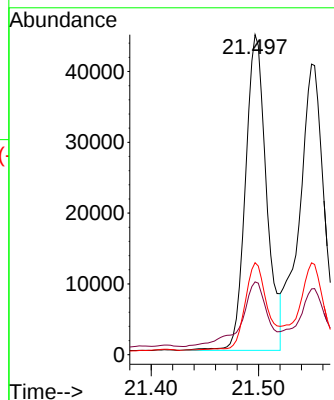


#21
Benzo(a)anthracene
Concen: 1.387 ng/ul
RT: 21.497 min Scan# 4165
Delta R.T. -0.009 min
Lab File: BN026512.D
Acq: 14 Jul 2023 22:36

Instrument :
BNA_N
ClientSampleId :

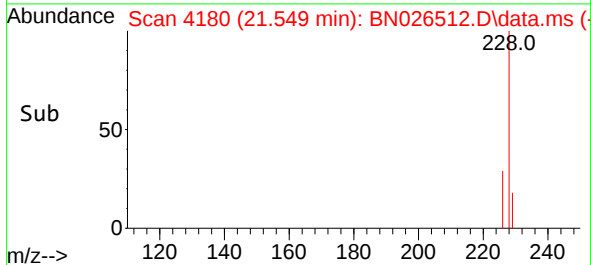
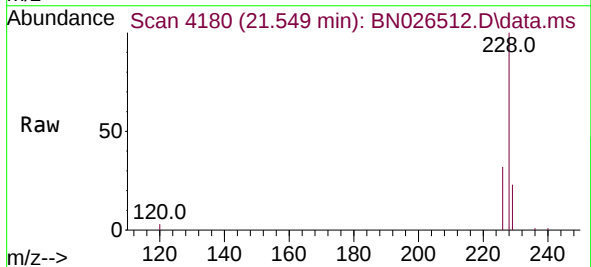
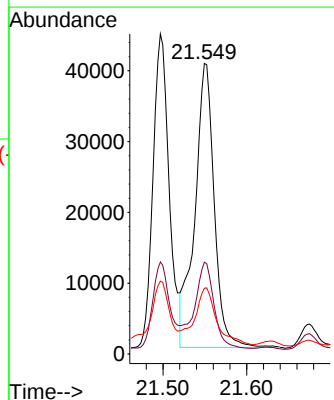


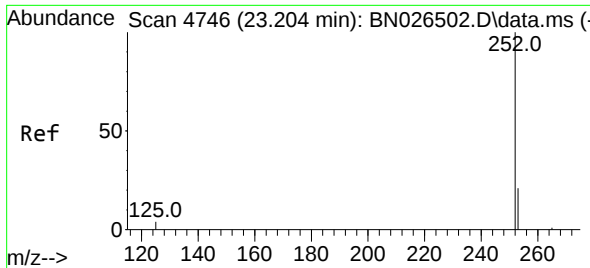
Tgt Ion:228 Resp: 60605
Ion Ratio Lower Upper
228 100
229 22.8 16.7 25.1
226 28.7 23.5 35.3



#22
Chrysene
Concen: 1.303 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. -0.012 min
Lab File: BN026512.D
Acq: 14 Jul 2023 22:36

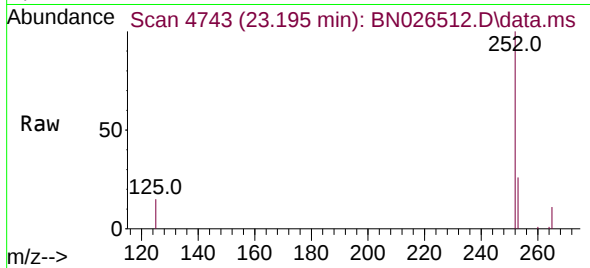
Tgt Ion:228 Resp: 64809
Ion Ratio Lower Upper
228 100
226 31.6 25.2 37.8
229 22.6 16.4 24.6



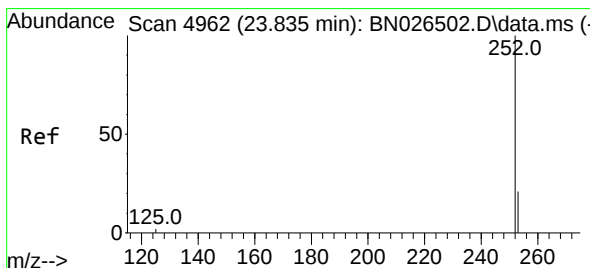
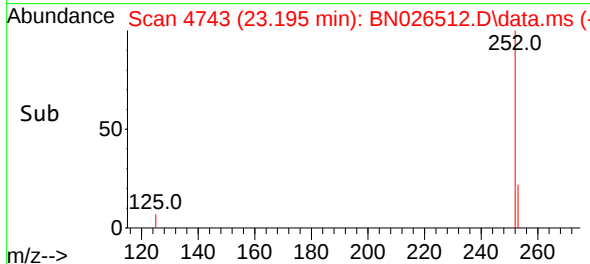
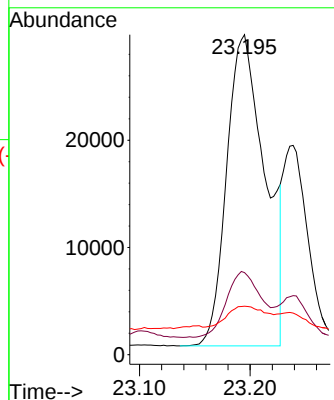


#24
Benzo(b)fluoranthene
Concen: 1.533 ng/ul
RT: 23.195 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026512.D
Acq: 14 Jul 2023 22:36

Instrument :
BNA_N
ClientSampleId :

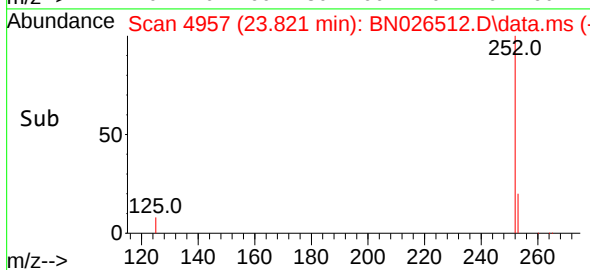
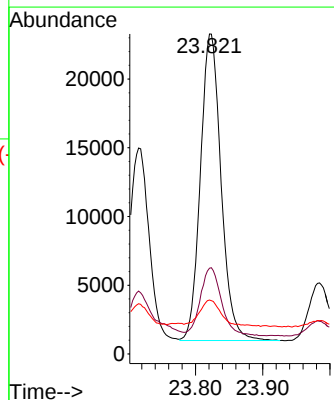
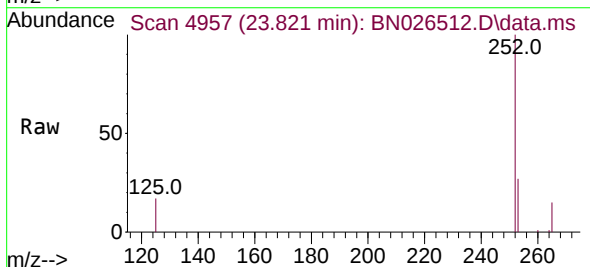


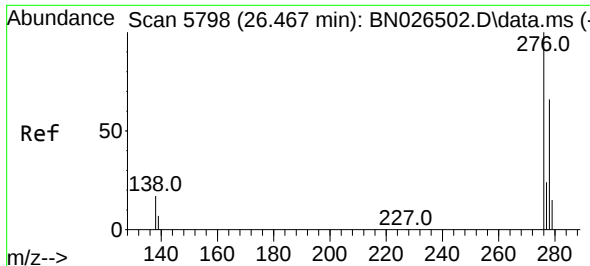
Tgt Ion:252 Resp: 69698
Ion Ratio Lower Upper
252 100
253 25.6 0.0 68.6
125 15.2 0.0 34.0



#26
Benzo(a)pyrene
Concen: 1.176 ng/ul
RT: 23.821 min Scan# 4957
Delta R.T. -0.015 min
Lab File: BN026512.D
Acq: 14 Jul 2023 22:36

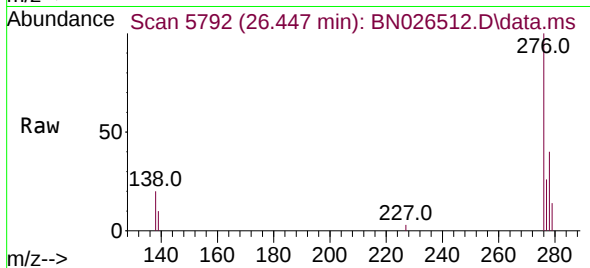
Tgt Ion:252 Resp: 47606
Ion Ratio Lower Upper
252 100
253 26.8 32.6 49.0#
125 16.8 19.3 28.9#



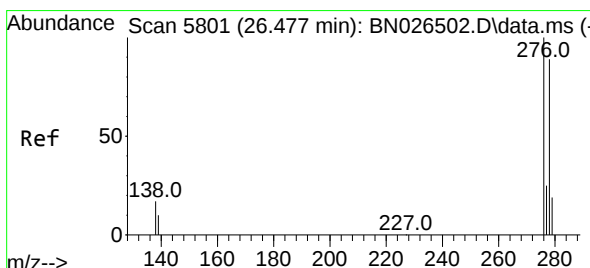
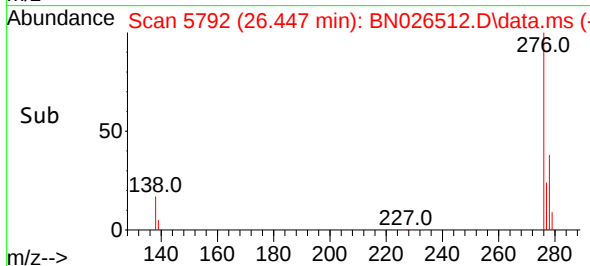
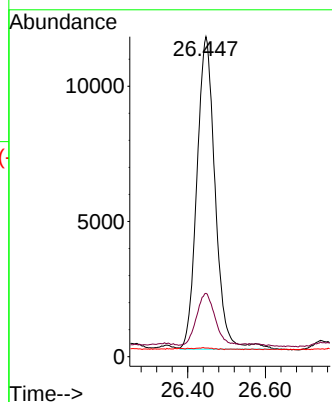


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.709 ng/ul
 RT: 26.447 min Scan# 5792
 Delta R.T. -0.020 min
 Lab File: BN026512.D
 Acq: 14 Jul 2023 22:36

Instrument :
 BNA_N
 ClientSampleId :

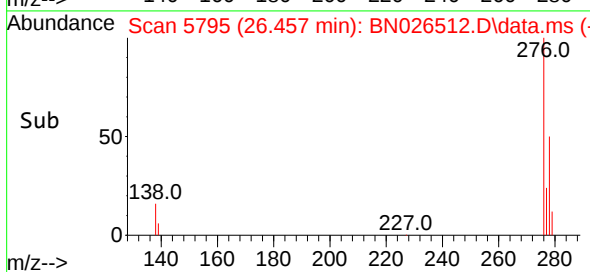
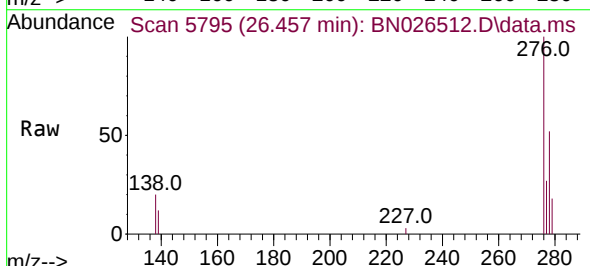
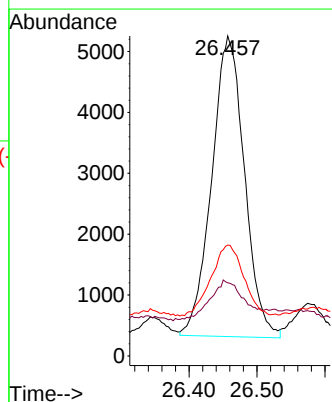


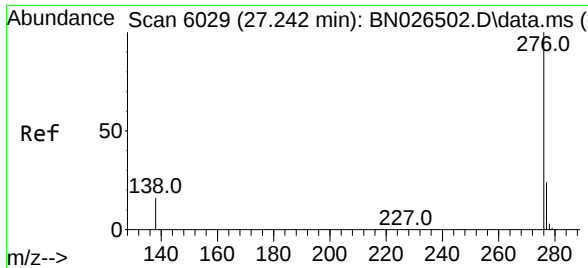
Tgt Ion:276 Resp: 37614
 Ion Ratio Lower Upper
 276 100
 138 16.8 22.2 33.4#
 227 0.4 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.406 ng/ul
 RT: 26.457 min Scan# 5795
 Delta R.T. -0.020 min
 Lab File: BN026512.D
 Acq: 14 Jul 2023 22:36

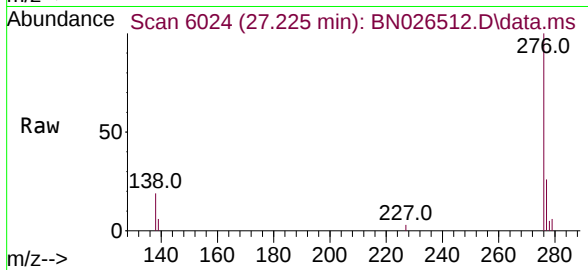
Tgt Ion:278 Resp: 16523
 Ion Ratio Lower Upper
 278 100
 139 22.8 18.9 28.3
 279 34.6 31.3 46.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.769 ng/ul
 RT: 27.225 min Scan# 60
 Delta R.T. -0.017 min
 Lab File: BN026512.D
 Acq: 14 Jul 2023 22:36

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 36024
 Ion Ratio Lower Upper
 276 100
 138 19.3 22.6 34.0#
 277 26.1 21.8 32.8

