

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062022\
 Data File : BN020284.D
 Acq On : 20 Jun 2022 18:29
 Operator : CG/JU
 Sample : N3294-14MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

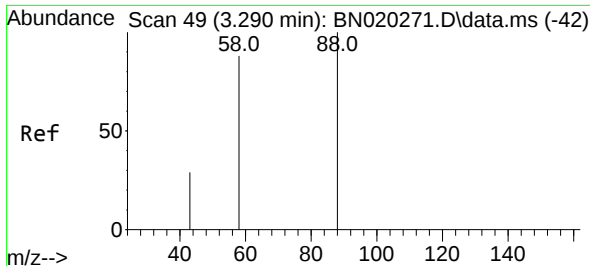
Instrument :
 BNA_N
 ClientSampleId :
 EW4Q7MSD

Quant Time: Jun 21 02:38:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:13:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	587	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	2525	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	2219	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	6244	0.400	ng/ul	0.00
17) Chrysene-d12	21.350	240	8015	0.400	ng/ul	0.00
23) Perylene-d12	23.662	264	9189	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	169	0.252	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	1486	0.356	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	8839	0.534	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	411	0.637	ng/ul#	69
5) Naphthalene	10.634	128	2619	0.324	ng/ul	97
7) 2-Methylnaphthalene	12.250	142	1796	0.344	ng/ul	98
8) 1-Methylnaphthalene	12.470	142	1976	0.385	ng/ul	98
10) Acenaphthylene	14.146	152	3437	0.324	ng/ul	98
11) Acenaphthene	14.483	153	2792	0.275	ng/ul	97
12) Fluorene	15.473	166	3603	0.343	ng/ul	98
14) Pentachlorophenol	16.829	266	1076	0.897	ng/ul	100
15) Phenanthrene	17.204	178	7673	0.340	ng/ul	100
16) Anthracene	17.297	178	6854	0.358	ng/ul	100
19) Fluoranthene	19.220	202	11294	0.349	ng/ul	96
20) Pyrene	19.583	202	11701	0.334	ng/ul	99
21) Benzo(a)anthracene	21.335	228	11178	0.359	ng/ul	100
22) Chrysene	21.388	228	12387	0.320	ng/ul	99
24) Benzo(b)fluoranthene	22.960	252	14832	0.226	ng/ul	95
25) Benzo(k)fluoranthene	23.007	252	14257	0.233	ng/ul	95
26) Benzo(a)pyrene	23.560	252	14128	0.340	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.027	276	19402	0.287	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.044	278	15583	0.289	ng/ul	97
29) Benzo(g,h,i)perylene	26.755	276	17487	0.293	ng/ul	99

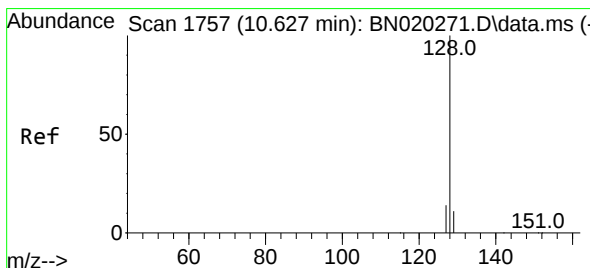
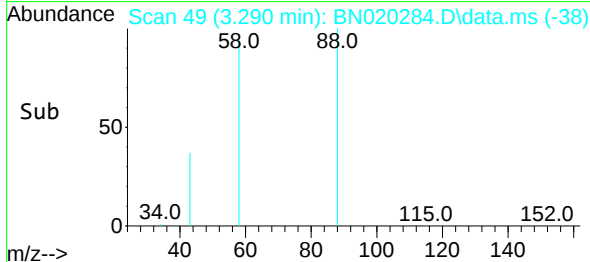
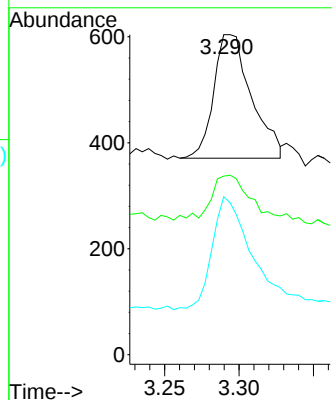
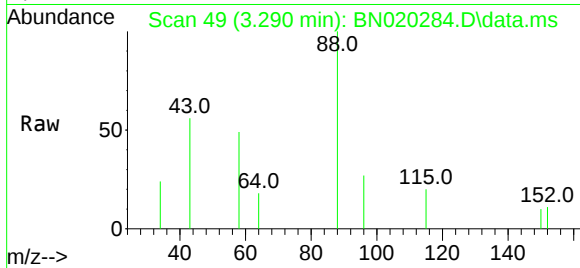
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 1,4-Dioxane
 Concen: 0.637 ng/ul
 RT: 3.290 min Scan# 49
 Delta R.T. -0.004 min
 Lab File: BN020284.D
 Acq: 20 Jun 2022 18:29

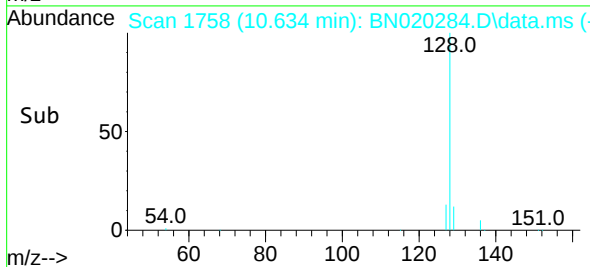
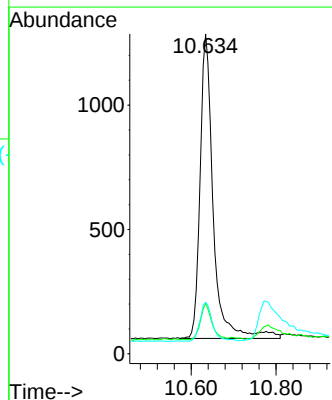
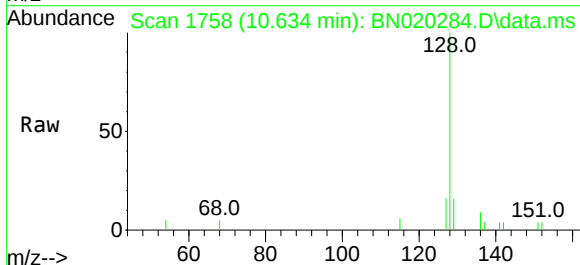
Instrument :
 BNA_N
 ClientSampleId :
 EW4Q7MSD

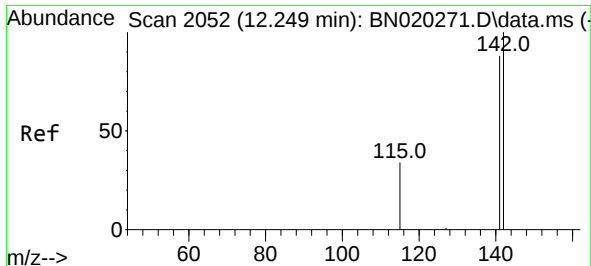
Tgt Ion: 88 Resp: 411
 Ion Ratio Lower Upper
 88 100
 43 55.8 31.6 47.4#
 58 49.3 23.8 35.6#



#5
 Naphthalene
 Concen: 0.324 ng/ul
 RT: 10.634 min Scan# 1758
 Delta R.T. -0.000 min
 Lab File: BN020284.D
 Acq: 20 Jun 2022 18:29

Tgt Ion: 128 Resp: 2619
 Ion Ratio Lower Upper
 128 100
 129 15.9 11.0 16.4
 127 16.1 12.8 19.2

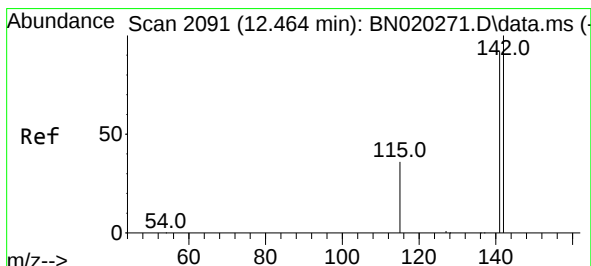
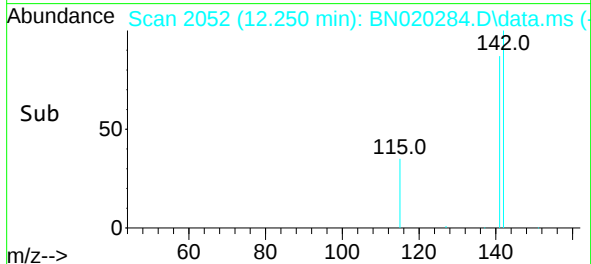
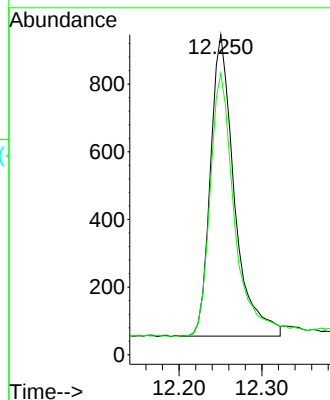
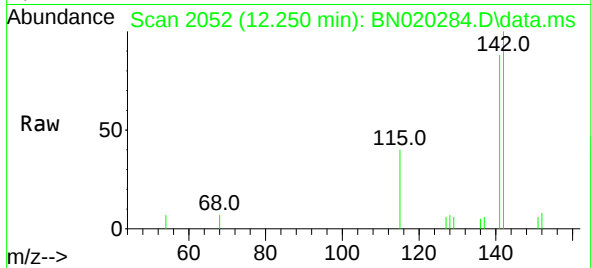




#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.250 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

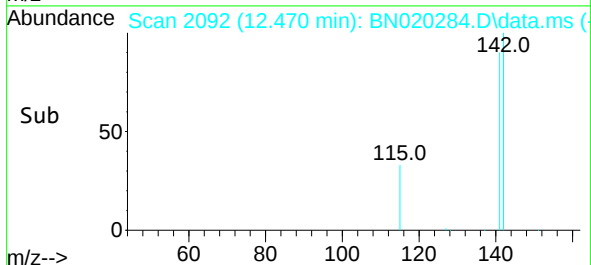
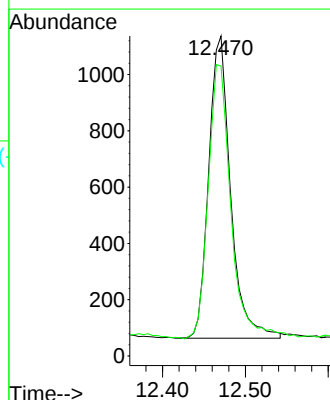
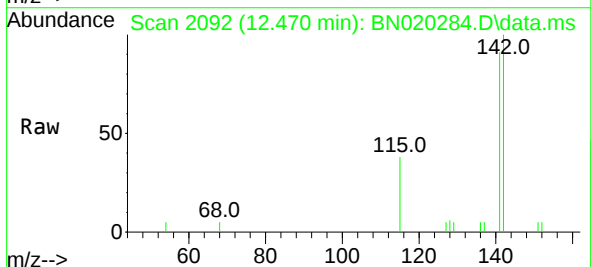
Instrument :
BNA_N
ClientSampleId :
EW4Q7MSD

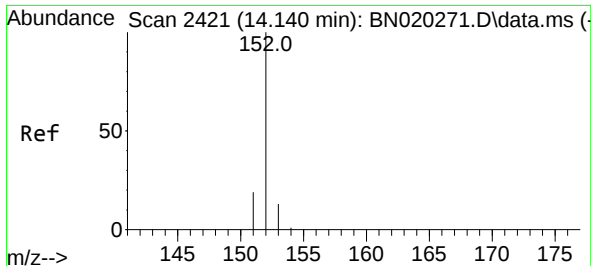
Tgt Ion:142 Resp: 1796
Ion Ratio Lower Upper
142 100
141 88.2 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. 0.005 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

Tgt Ion:142 Resp: 1976
Ion Ratio Lower Upper
142 100
141 93.9 73.4 110.0

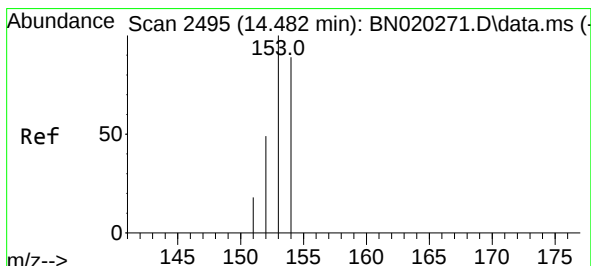
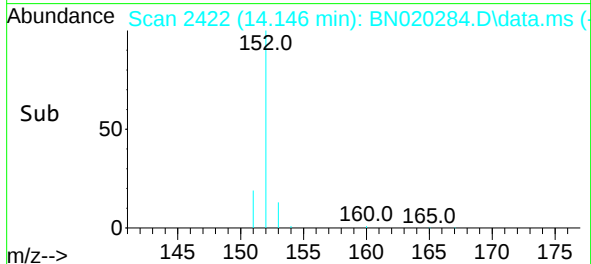
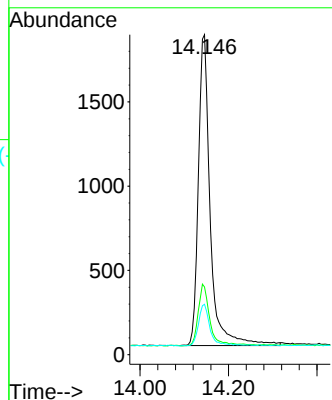
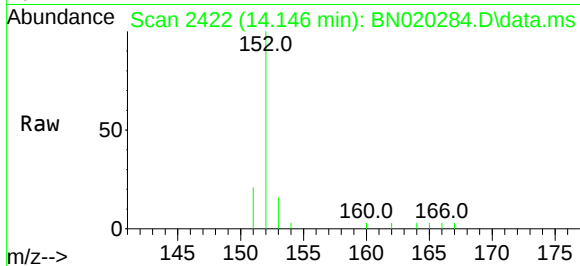




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.146 min Scan# 2421
Delta R.T. 0.005 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

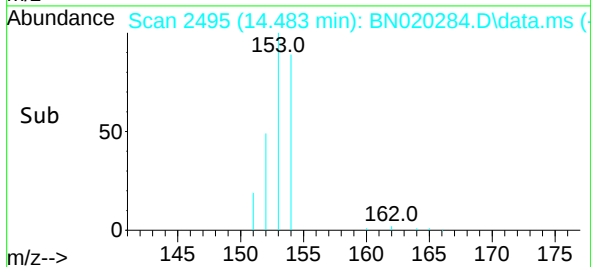
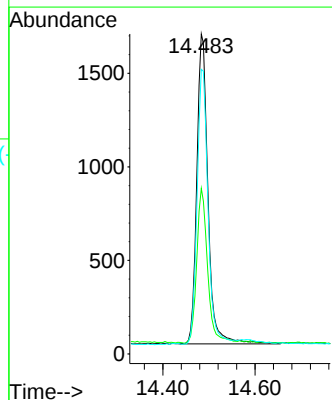
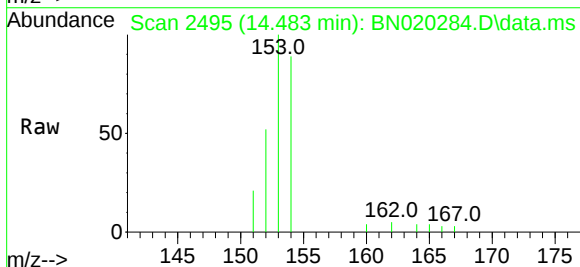
Instrument :
BNA_N
ClientSampleId :
EW4Q7MSD

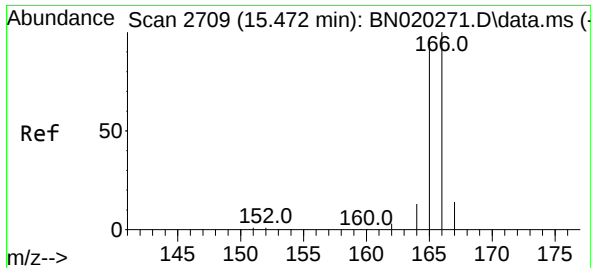
Tgt Ion:152 Resp: 3437
Ion Ratio Lower Upper
152 100
151 21.2 17.2 25.8
153 15.7 11.7 17.5



#11
Acenaphthene
Concen: 0.275 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

Tgt Ion:153 Resp: 2792
Ion Ratio Lower Upper
153 100
152 51.8 39.9 59.9
154 88.9 69.2 103.8

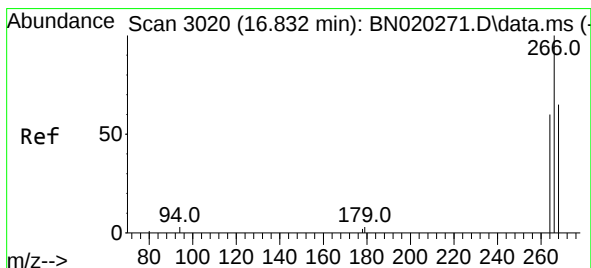
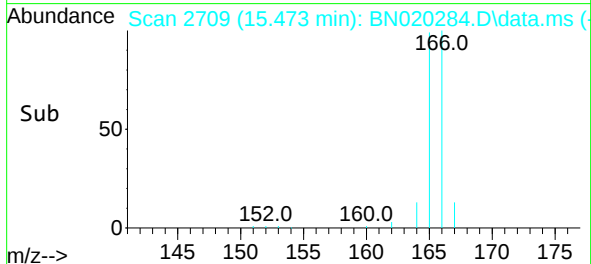
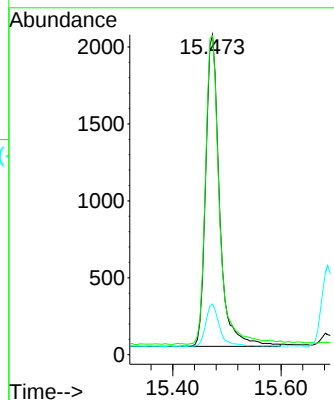
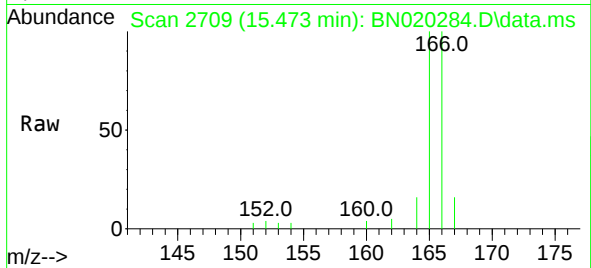




#12
Fluorene
Concen: 0.343 ng/ul
RT: 15.473 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

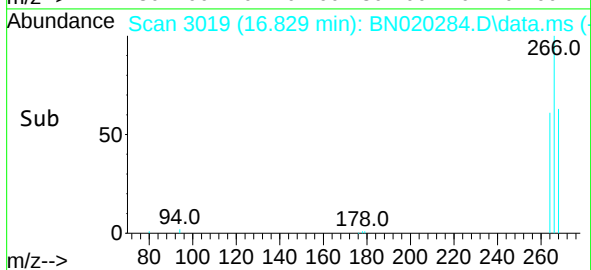
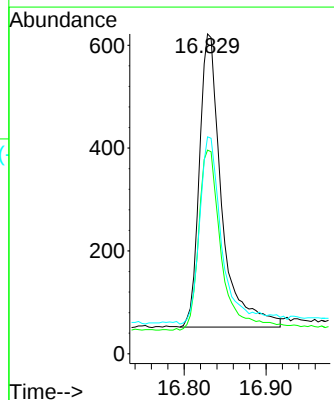
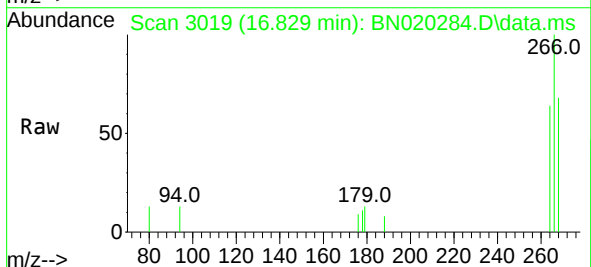
Instrument :
BNA_N
ClientSampleId :
EW4Q7MSD

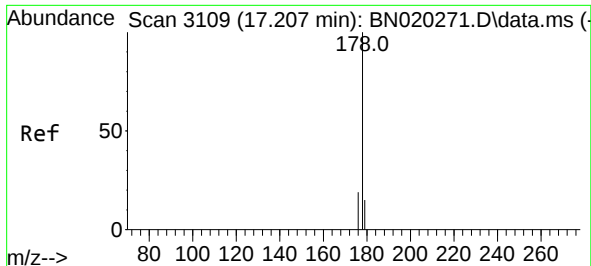
Tgt Ion:166 Resp: 3603
Ion Ratio Lower Upper
166 100
165 99.7 78.2 117.4
167 15.9 12.1 18.1



#14
Pentachlorophenol
Concen: 0.897 ng/ul
RT: 16.829 min Scan# 3019
Delta R.T. -0.008 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

Tgt Ion:266 Resp: 1076
Ion Ratio Lower Upper
266 100
264 62.6 49.8 74.8
268 65.0 51.8 77.6

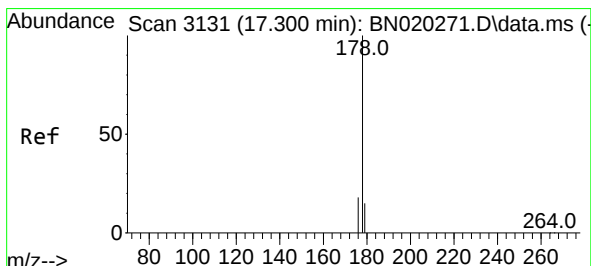
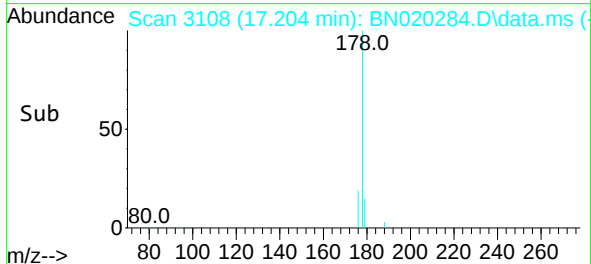
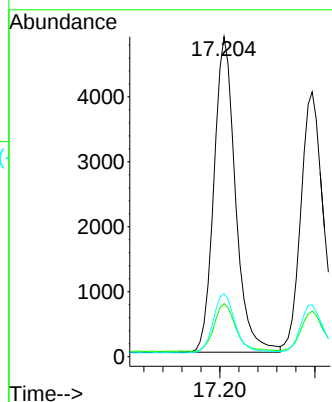
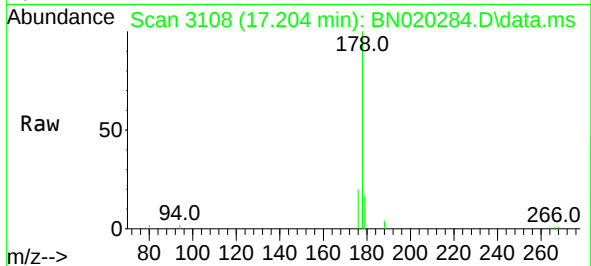




#15
Phenanthrene
Concen: 0.340 ng/ul
RT: 17.204 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

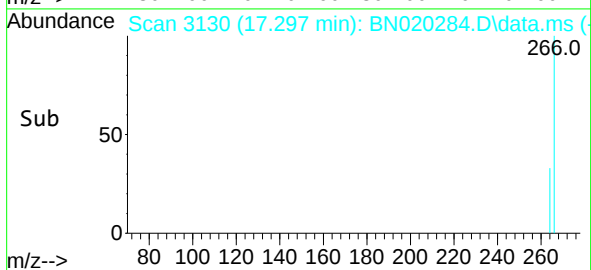
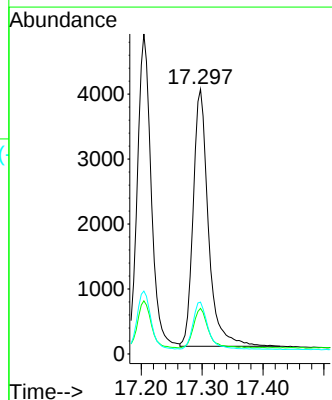
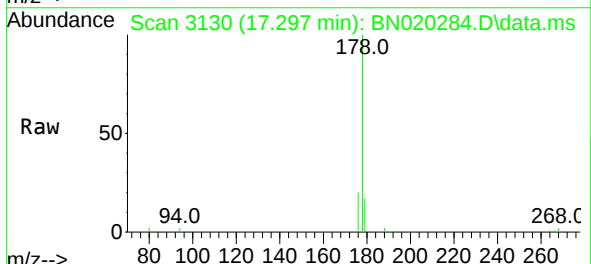
Instrument :
BNA_N
ClientSampleId :
EW4Q7MSD

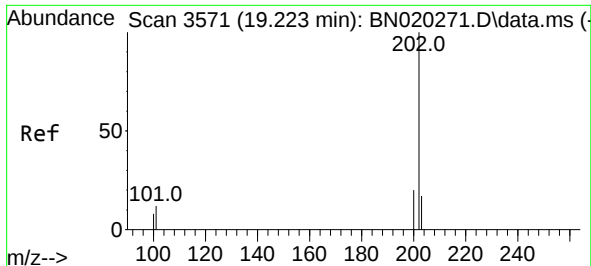
Tgt Ion:178 Resp: 7673
Ion Ratio Lower Upper
178 100
179 16.6 13.4 20.0
176 19.7 15.8 23.6



#16
Anthracene
Concen: 0.358 ng/ul
RT: 17.297 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

Tgt Ion:178 Resp: 6854
Ion Ratio Lower Upper
178 100
179 17.2 13.8 20.8
176 19.6 15.6 23.4

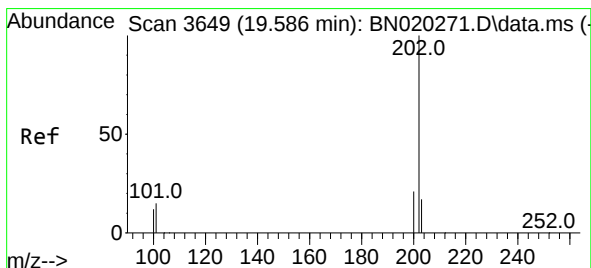
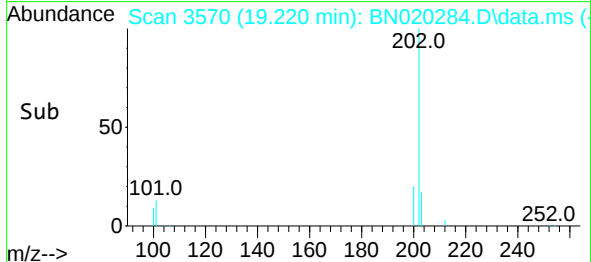
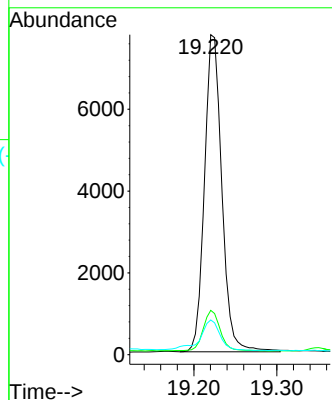
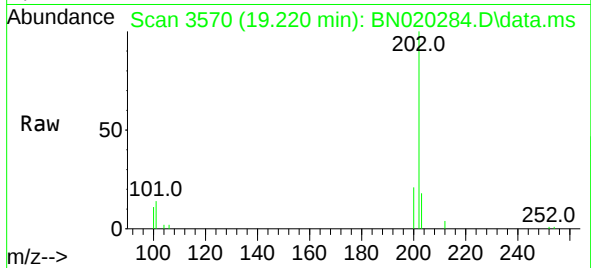




#19
Fluoranthene
Concen: 0.349 ng/ul
RT: 19.220 min Scan# 3570
Delta R.T. -0.005 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

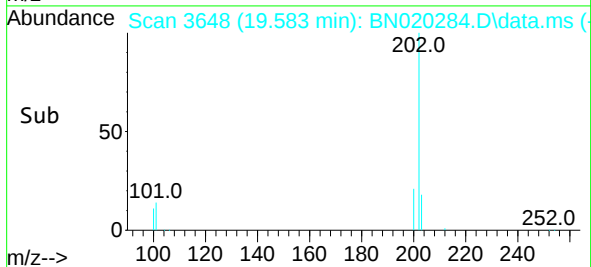
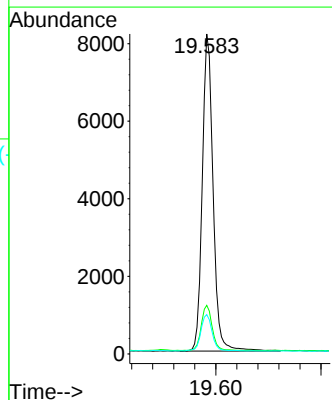
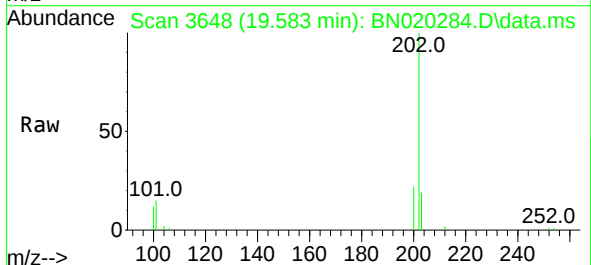
Instrument :
BNA_N
ClientSampleId :
EW4Q7MSD

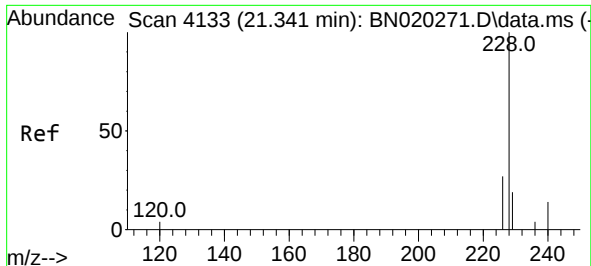
Tgt Ion:	202	Resp:	11294
Ion Ratio	Lower	Upper	
202	100		
101	13.9	9.9	14.9
100	10.9	7.6	11.4



#20
Pyrene
Concen: 0.334 ng/ul
RT: 19.583 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

Tgt Ion:	202	Resp:	11701
Ion Ratio	Lower	Upper	
202	100		
101	15.2	12.6	19.0
100	12.3	10.3	15.5

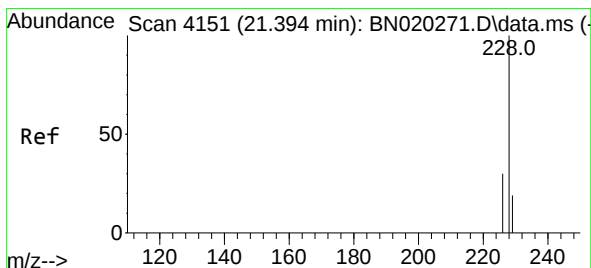
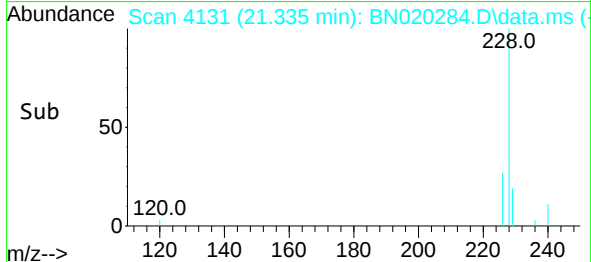
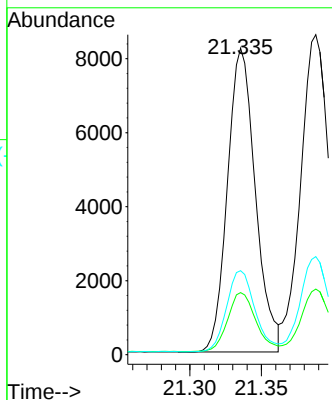
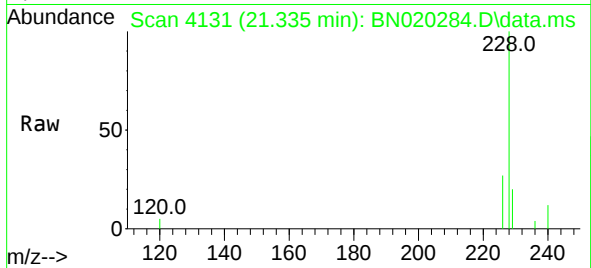




#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.335 min Scan# 4133
Delta R.T. -0.003 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

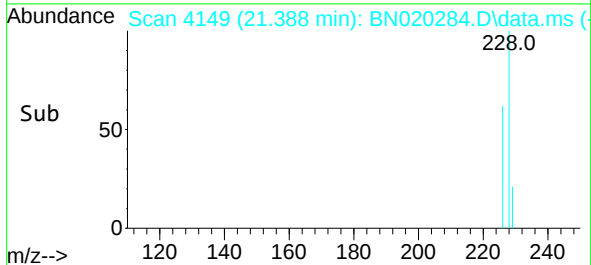
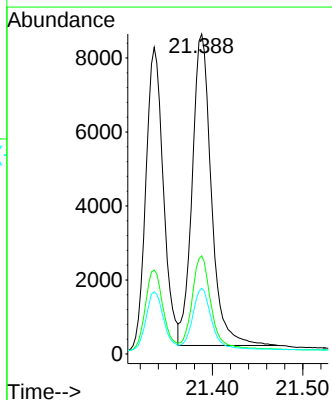
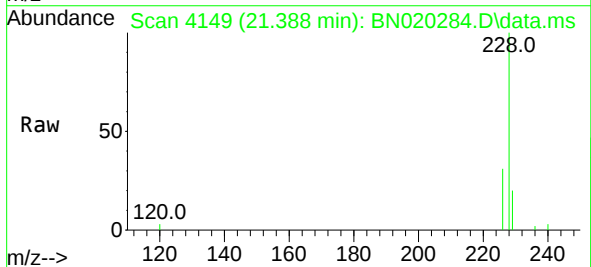
Instrument :
BNA_N
ClientSampleId :
EW4Q7MSD

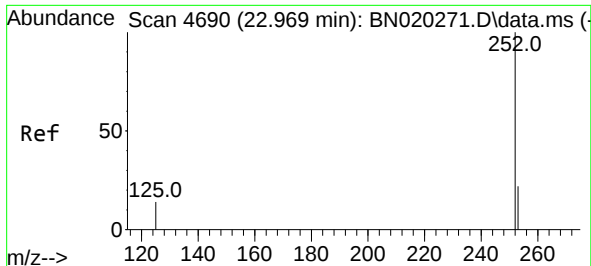
Tgt Ion:228	Resp:	11178
Ion Ratio	Lower	Upper
228	100	
229	20.3	16.0 24.0
226	27.4	21.8 32.6



#22
Chrysene
Concen: 0.320 ng/ul
RT: 21.388 min Scan# 4149
Delta R.T. -0.000 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

Tgt Ion:228	Resp:	12387
Ion Ratio	Lower	Upper
228	100	
226	30.6	24.7 37.1
229	20.5	16.0 24.0

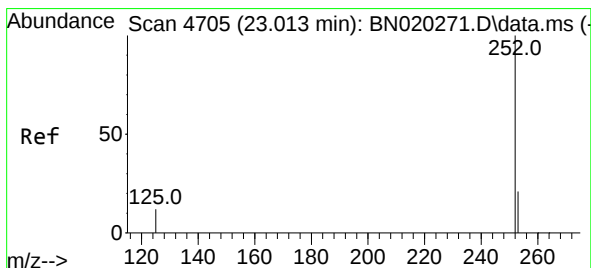
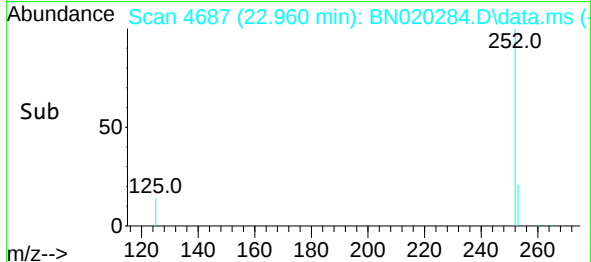
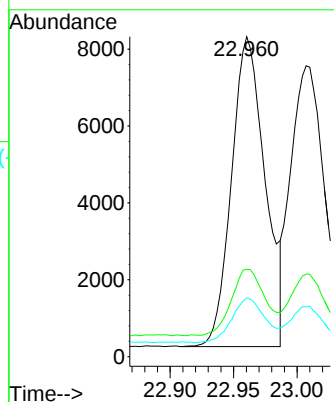
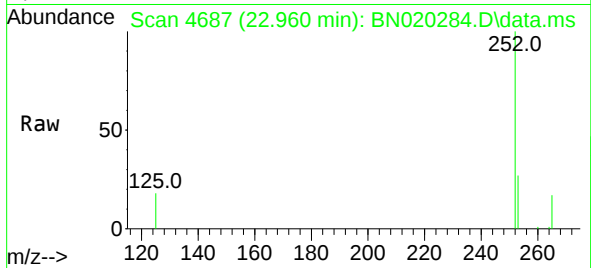




#24
Benzo(b)fluoranthene
Concen: 0.226 ng/ul
RT: 22.960 min Scan# 4687
Delta R.T. -0.006 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

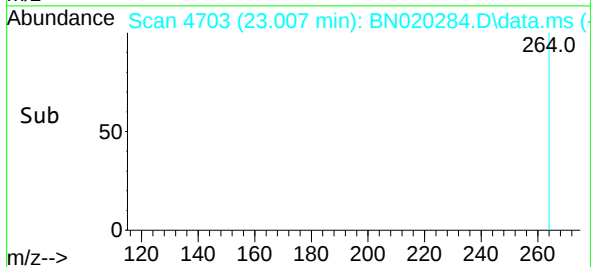
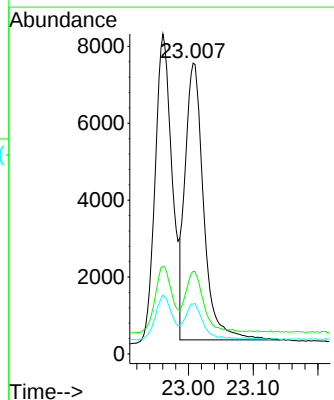
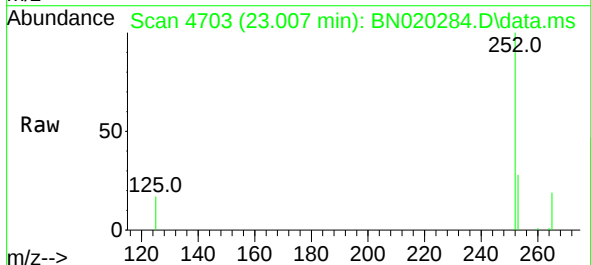
Instrument :
BNA_N
ClientSampleId :
EW4Q7MSD

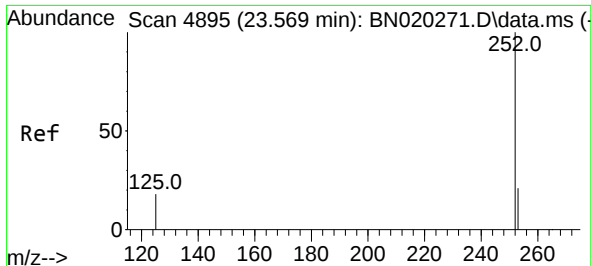
Tgt Ion:252 Resp: 14832
Ion Ratio Lower Upper
252 100
253 27.3 0.0 49.4
125 18.4 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.233 ng/ul
RT: 23.007 min Scan# 4703
Delta R.T. -0.003 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

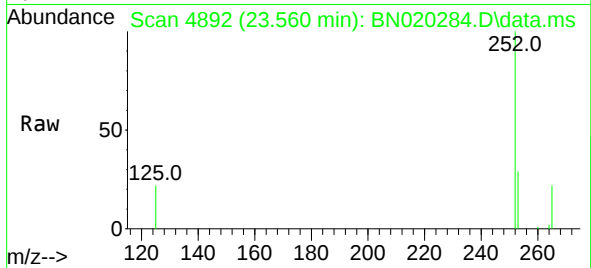
Tgt Ion:252 Resp: 14257
Ion Ratio Lower Upper
252 100
253 28.4 20.2 30.4
125 17.1 12.3 18.5



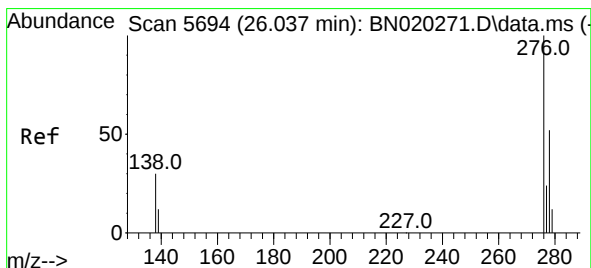
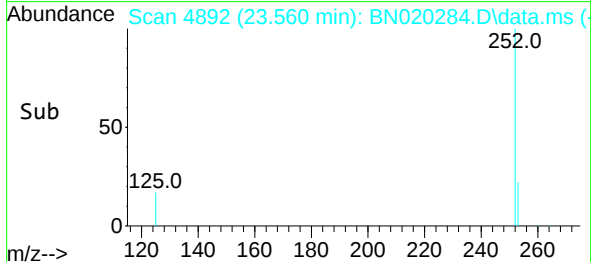
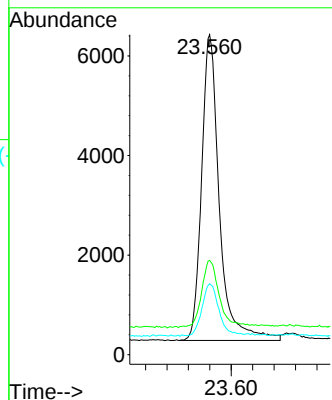


#26
Benzo(a)pyrene
Concen: 0.340 ng/ul
RT: 23.560 min Scan# 4892
Delta R.T. -0.003 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

Instrument :
BNA_N
ClientSampleId :
EW4Q7MSD

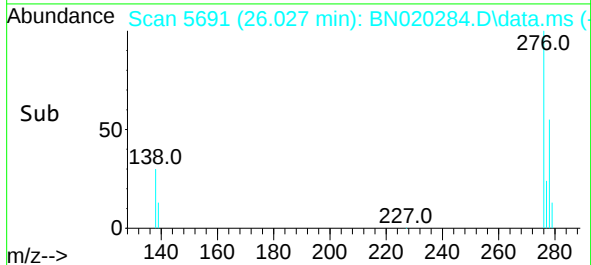
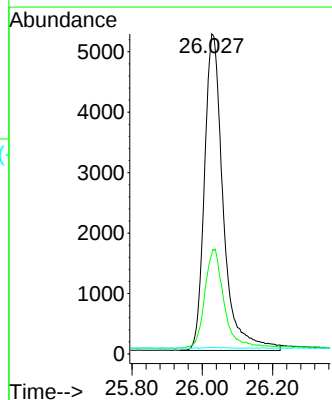
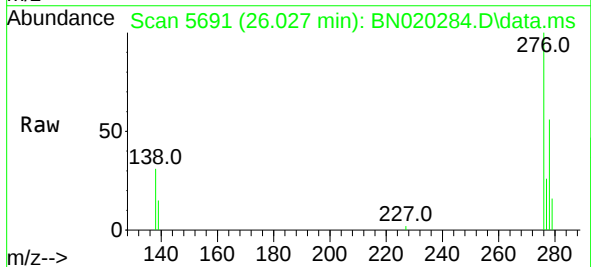


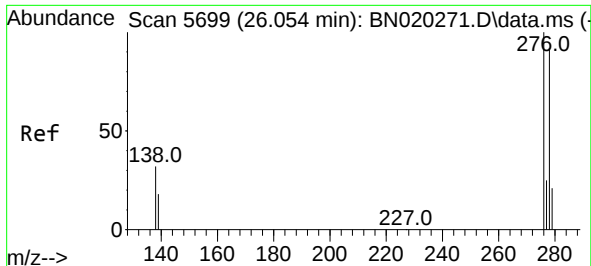
Tgt Ion:252 Resp: 14128
Ion Ratio Lower Upper
252 100
253 29.5 21.7 32.5
125 22.2 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng/ul
RT: 26.027 min Scan# 5691
Delta R.T. -0.013 min
Lab File: BN020284.D
Acq: 20 Jun 2022 18:29

Tgt Ion:276 Resp: 19402
Ion Ratio Lower Upper
276 100
138 33.0 26.5 39.7
227 0.1 0.0 0.0#

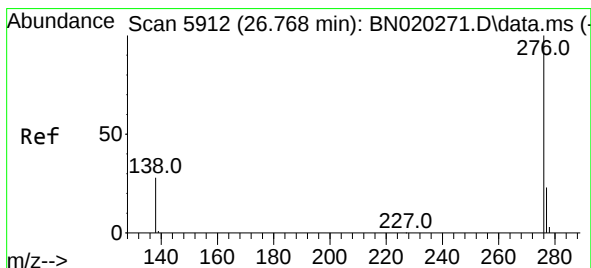
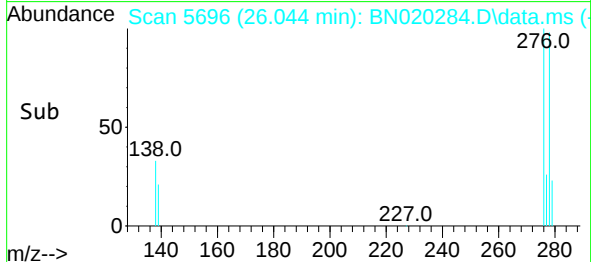
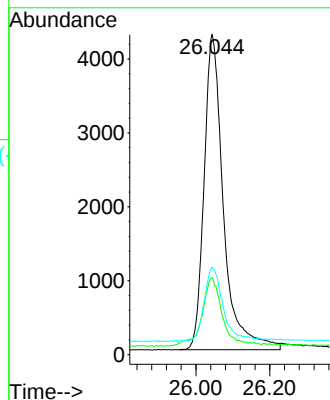
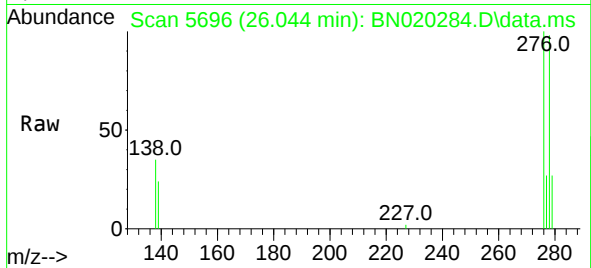




#28
 Dibenzo(a,h)anthracene
 Concen: 0.289 ng/ul
 RT: 26.044 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: BN020284.D
 Acq: 20 Jun 2022 18:29

Instrument :
 BNA_N
 ClientSampleId :
 EW4Q7MSD

Tgt Ion:278 Resp: 15583
 Ion Ratio Lower Upper
 278 100
 139 23.9 18.2 27.2
 279 27.4 20.8 31.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.293 ng/ul
 RT: 26.755 min Scan# 5908
 Delta R.T. -0.010 min
 Lab File: BN020284.D
 Acq: 20 Jun 2022 18:29

Tgt Ion:276 Resp: 17487
 Ion Ratio Lower Upper
 276 100
 138 29.3 23.0 34.4
 277 25.0 19.7 29.5

