

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081222\
 Data File : BN021176.D
 Acq On : 12 Aug 2022 15:59
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

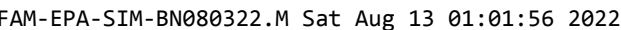
Quant Time: Aug 13 01:01:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 09 23:10:06 2022
 Response via : Initial Calibration

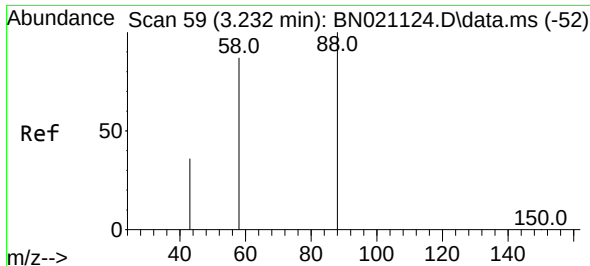
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	2555	0.400	ng/ul	0.01
4) Naphthalene-d8	10.585	136	8873	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.438	164	5059	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.193	188	9484	0.400	ng/ul	0.00
17) Chrysene-d12	21.401	240	6415	0.400	ng/ul	0.00
23) Perylene-d12	23.733	264	4806	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	1307	0.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.186	152	5222	0.402	ng/ul	0.00
18) Fluoranthene-d10	19.231	212	9809	0.495	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.232	88	1412	0.419	ng/ul#	83
5) Naphthalene	10.635	128	9542	0.350	ng/ul	99
7) 2-Methylnaphthalene	12.257	142	5774	0.349	ng/ul	99
8) 1-Methylnaphthalene	12.477	142	6431	0.389	ng/ul	100
10) Acenaphthylene	14.161	152	8359	0.353	ng/ul	99
11) Acenaphthene	14.503	153	6721	0.343	ng/ul	99
12) Fluorene	15.493	166	7257	0.339	ng/ul	99
14) Pentachlorophenol	16.864	266	363	0.248	ng/ul	99
15) Phenanthrene	17.231	178	11216	0.331	ng/ul	100
16) Anthracene	17.328	178	9019	0.343	ng/ul	99
19) Fluoranthene	19.259	202	11819	0.416	ng/ul	98
20) Pyrene	19.626	202	12053	0.411	ng/ul	99
21) Benzo(a)anthracene	21.383	228	7002	0.335	ng/ul	99
22) Chrysene	21.436	228	8957	0.325	ng/ul	99
24) Benzo(b)fluoranthene	23.023	252	7392	0.332	ng/ul	98
25) Benzo(k)fluoranthene	23.070	252	7628	0.325	ng/ul	97
26) Benzo(a)pyrene	23.628	252	6743	0.332	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.145	276	7140	0.295	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.166	278	5606	0.293	ng/ul	97
29) Benzo(g,h,i)perylene	26.877	276	6811	0.315	ng/ul	96

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

Quant Time: Aug 13 01:01:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 09 23:10:06 2022
Response via : Initial Calibration

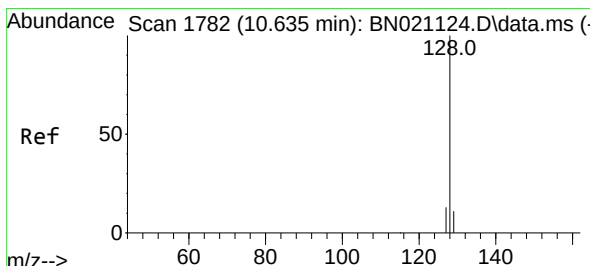
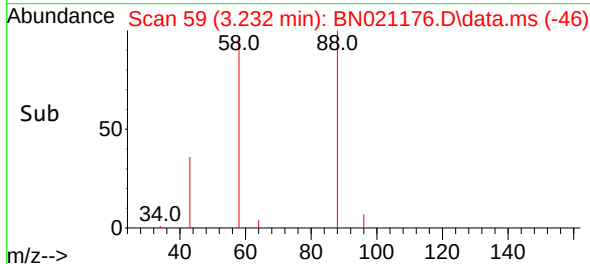
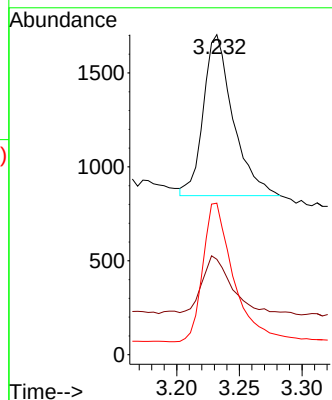
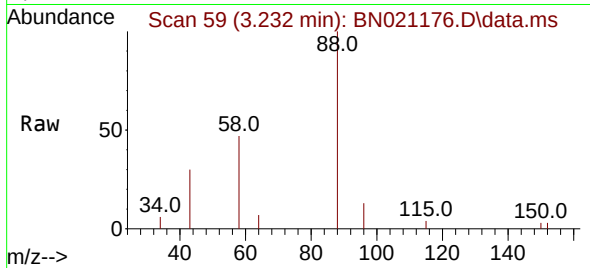




#2
 1,4-Dioxane
 Concen: 0.419 ng/ul
 RT: 3.232 min Scan# 59
 Delta R.T. 0.004 min
 Lab File: BN021176.D
 Acq: 12 Aug 2022 15:59

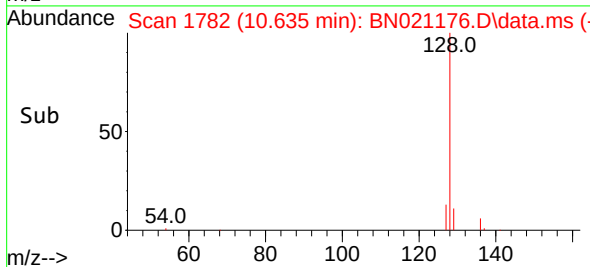
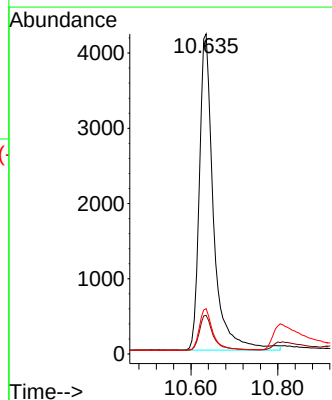
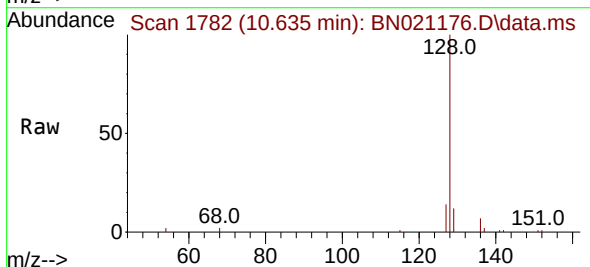
Instrument :
 BNA_N
 ClientSampleId :

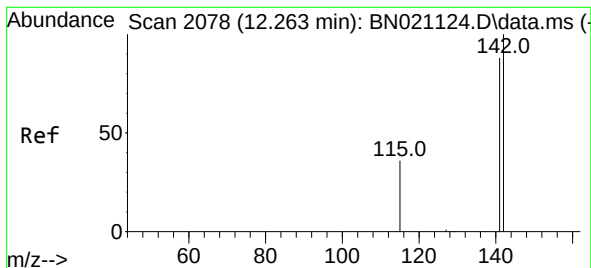
Tgt Ion: 88 Resp: 1412
 Ion Ratio Lower Upper
 88 100
 43 29.8 31.4 47.0#
 58 47.4 49.0 73.6#



#5
 Naphthalene
 Concen: 0.350 ng/ul
 RT: 10.635 min Scan# 1782
 Delta R.T. 0.007 min
 Lab File: BN021176.D
 Acq: 12 Aug 2022 15:59

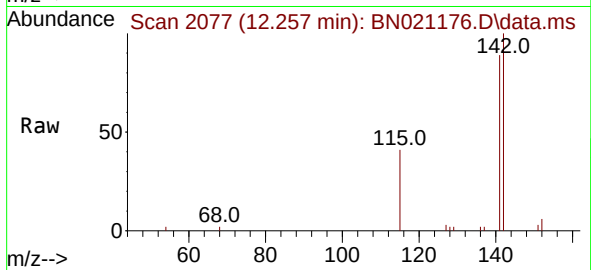
Tgt Ion: 128 Resp: 9542
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.8 14.6
 127 14.2 11.6 17.4



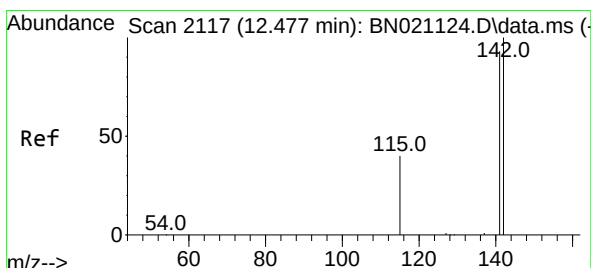
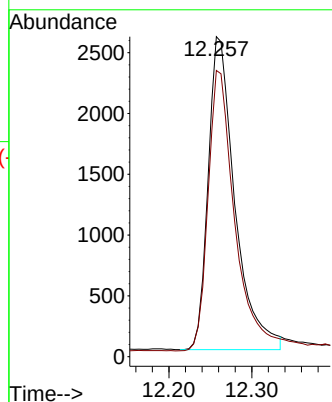
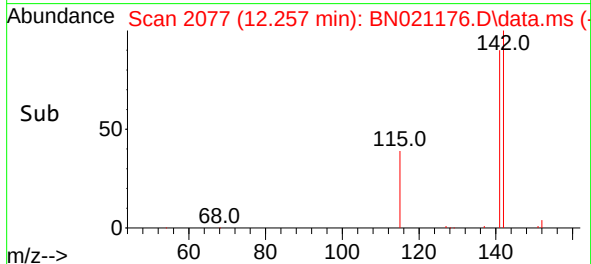


#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.257 min Scan# 2077
Delta R.T. 0.007 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59

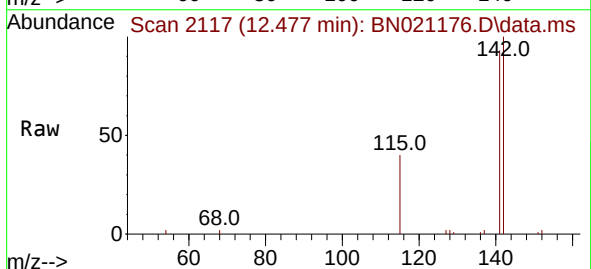
Instrument :
BNA_N
ClientSampleId :



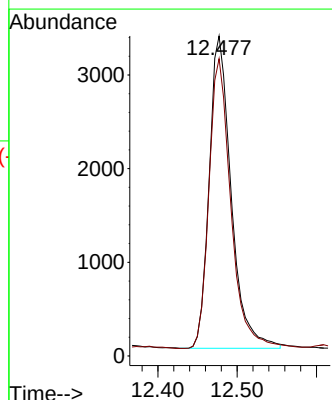
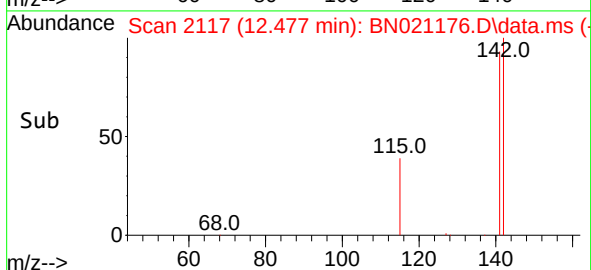
Tgt Ion:142 Resp: 5774
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2

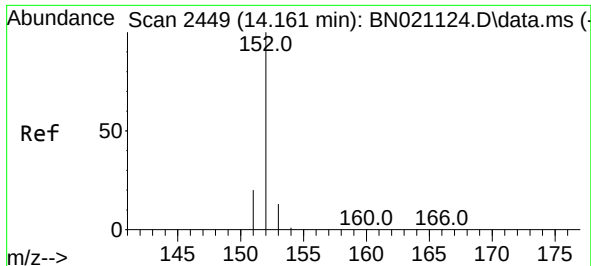


#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59



Tgt Ion:142 Resp: 6431
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9

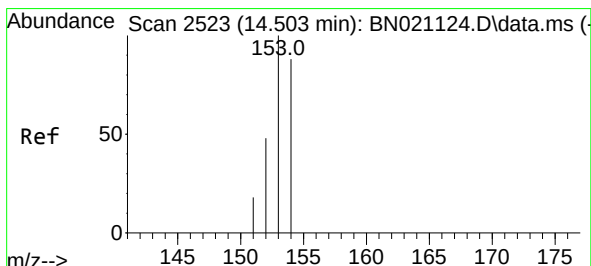
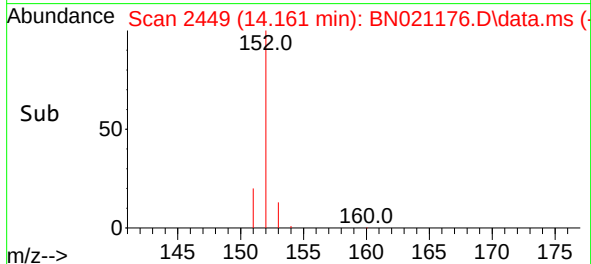
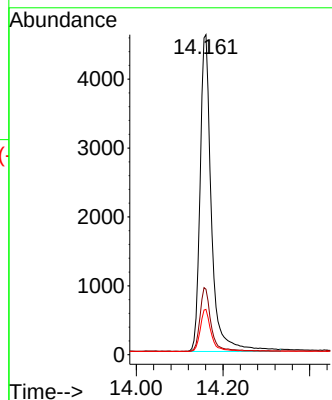
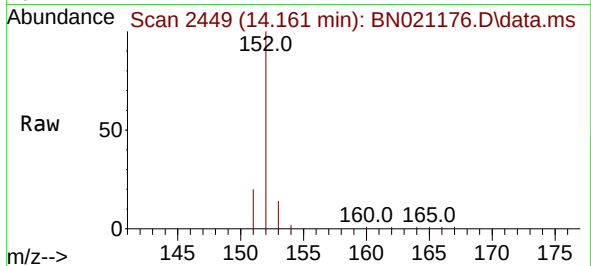




#10
Acenaphthylene
Concen: 0.353 ng/u1
RT: 14.161 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59

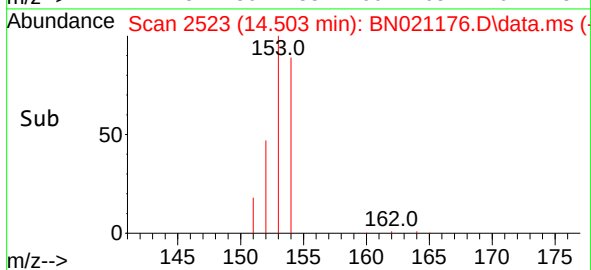
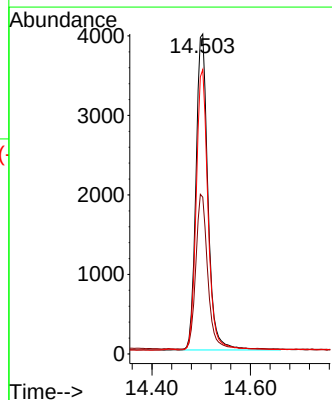
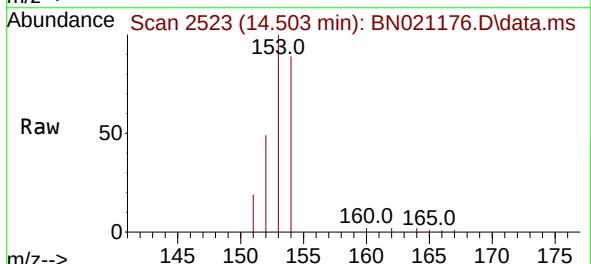
Instrument :
BNA_N
ClientSampleId :

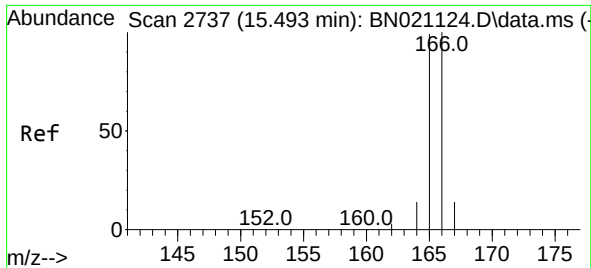
Tgt Ion:152 Resp: 8359
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 14.1 11.2 16.8



#11
Acenaphthene
Concen: 0.343 ng/u1
RT: 14.503 min Scan# 2523
Delta R.T. 0.001 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59

Tgt Ion:153 Resp: 6721
Ion Ratio Lower Upper
153 100
152 49.0 40.2 60.4
154 88.8 70.7 106.1

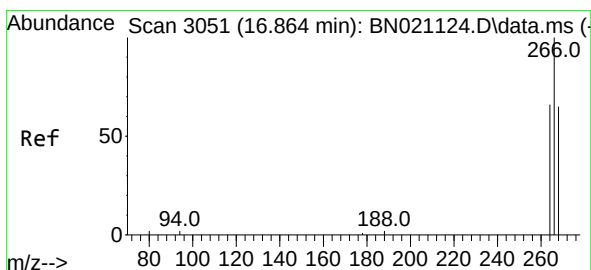
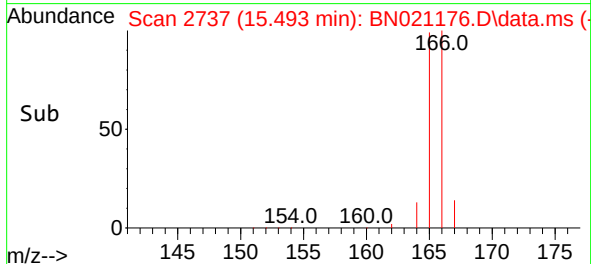
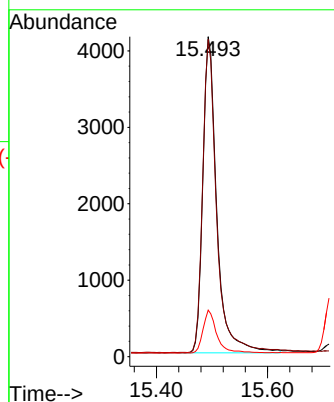
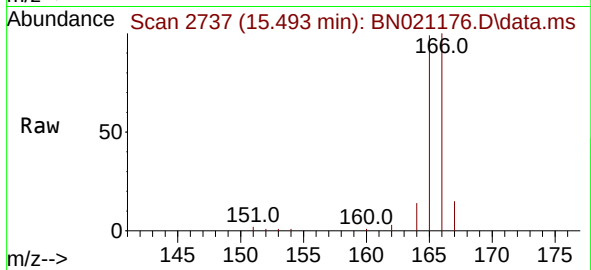




#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.493 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59

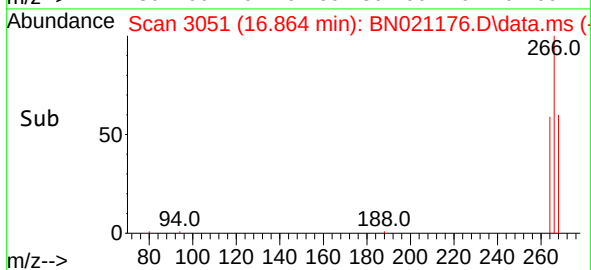
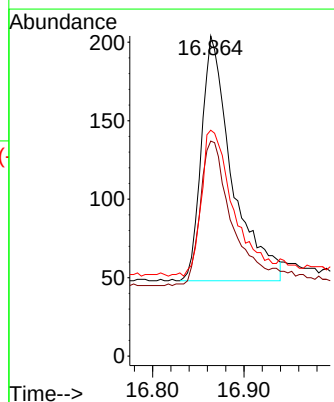
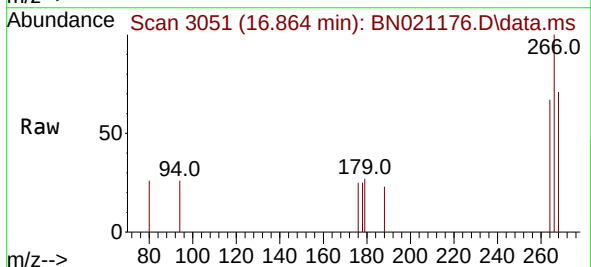
Instrument :
BNA_N
ClientSampleId :

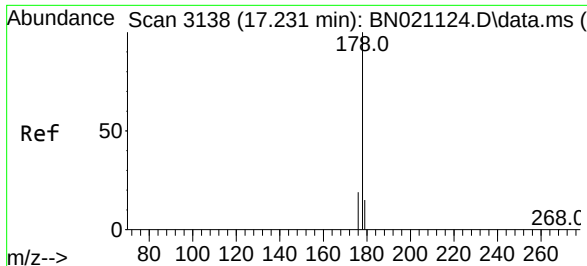
Tgt Ion:166 Resp: 7257
Ion Ratio Lower Upper
166 100
165 99.2 78.6 117.8
167 14.5 11.8 17.6



#14
Pentachlorophenol
Concen: 0.248 ng/ul
RT: 16.864 min Scan# 3051
Delta R.T. 0.010 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59

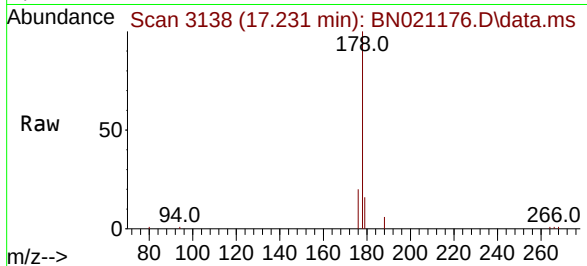
Tgt Ion:266 Resp: 363
Ion Ratio Lower Upper
266 100
264 63.1 49.8 74.8
268 63.1 50.6 75.8



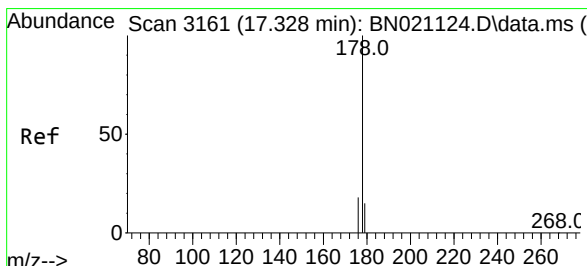
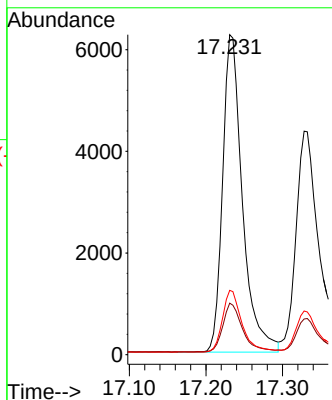


#15
 Phenanthrene
 Concen: 0.331 ng/u1
 RT: 17.231 min Scan# 3138
 Delta R.T. 0.001 min
 Lab File: BN021176.D
 Acq: 12 Aug 2022 15:59

Instrument :
 BNA_N
 ClientSampleId :

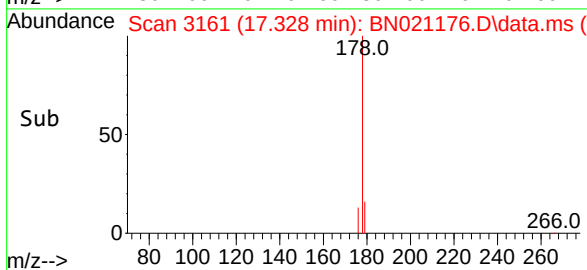
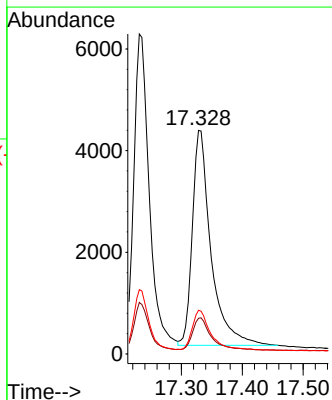
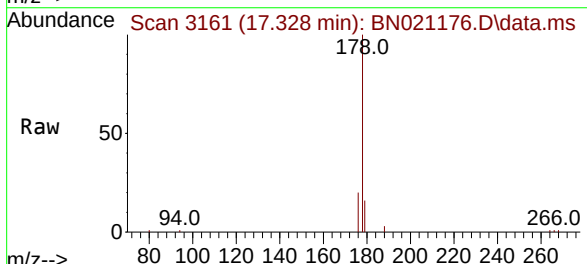


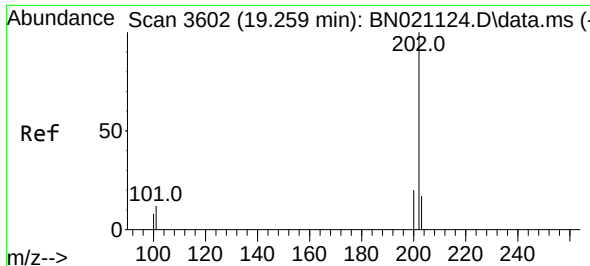
Tgt Ion:178 Resp: 11216
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.8 19.2
 176 20.1 15.9 23.9



#16
 Anthracene
 Concen: 0.343 ng/u1
 RT: 17.328 min Scan# 3161
 Delta R.T. 0.006 min
 Lab File: BN021176.D
 Acq: 12 Aug 2022 15:59

Tgt Ion:178 Resp: 9019
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.9 19.3
 176 19.6 15.9 23.9

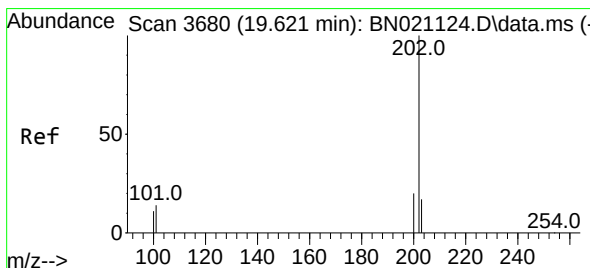
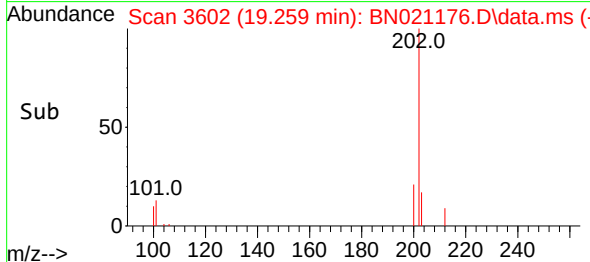
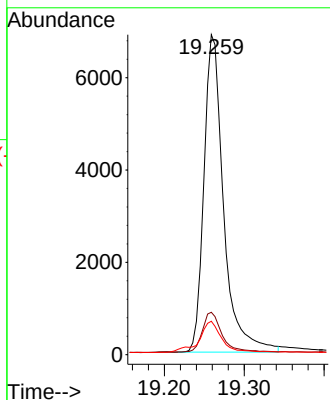
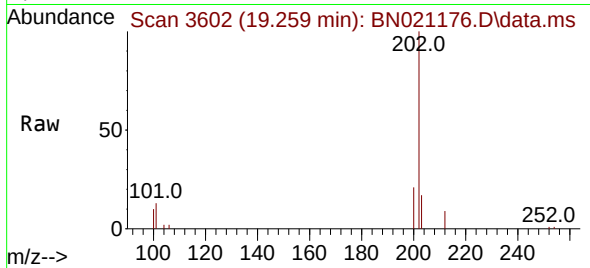




#19
Fluoranthene
Concen: 0.416 ng/ul
RT: 19.259 min Scan# 3602
Delta R.T. -0.003 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59

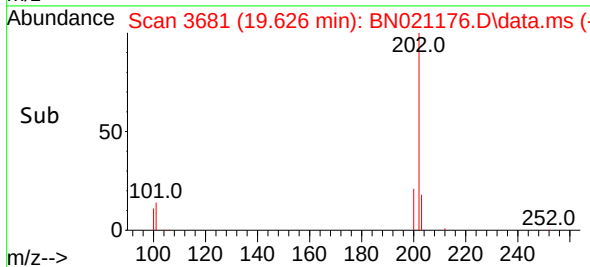
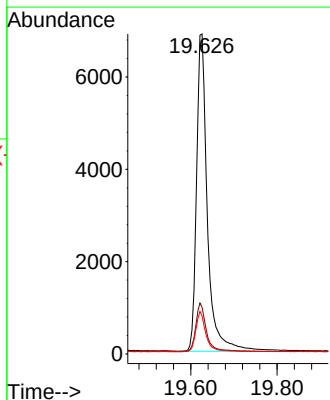
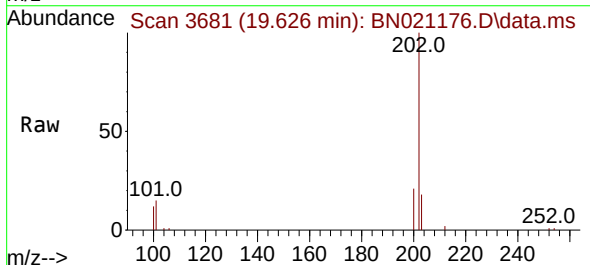
Instrument :
BNA_N
ClientSampleId :

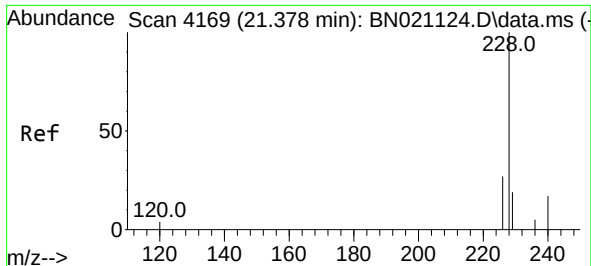
Tgt Ion:202 Resp: 11819
Ion Ratio Lower Upper
202 100
101 13.3 10.0 15.0
100 10.5 8.0 12.0



#20
Pyrene
Concen: 0.411 ng/ul
RT: 19.626 min Scan# 3681
Delta R.T. 0.001 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59

Tgt Ion:202 Resp: 12053
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 11.9 9.0 13.4

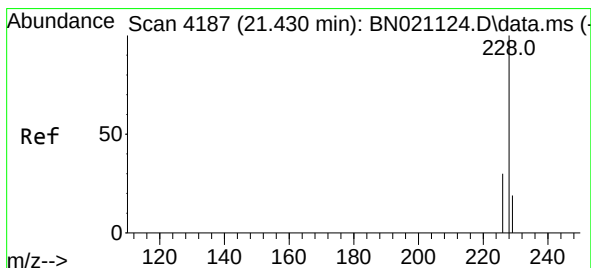
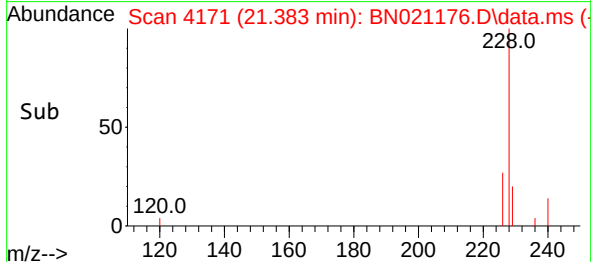
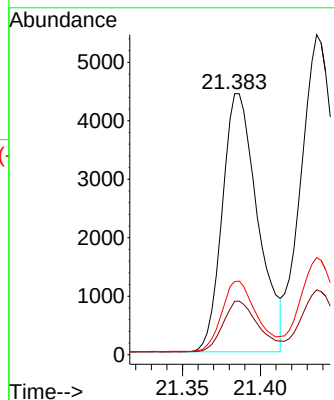
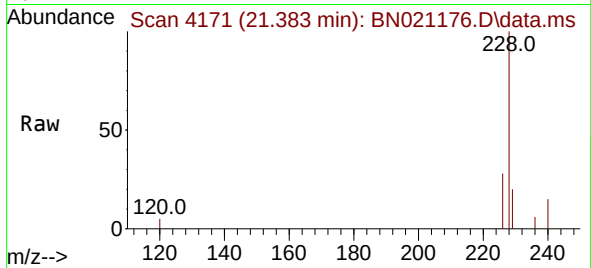




#21
Benzo(a)anthracene
Concen: 0.335 ng/ul
RT: 21.383 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59

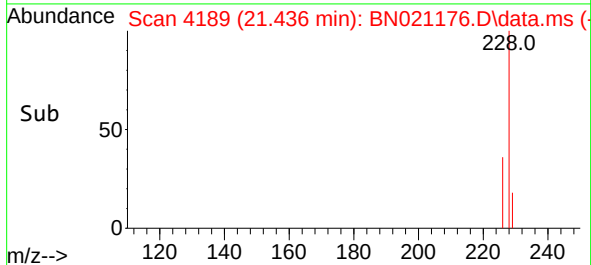
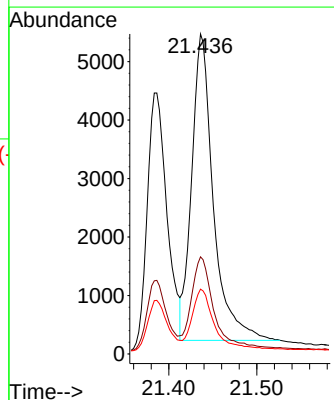
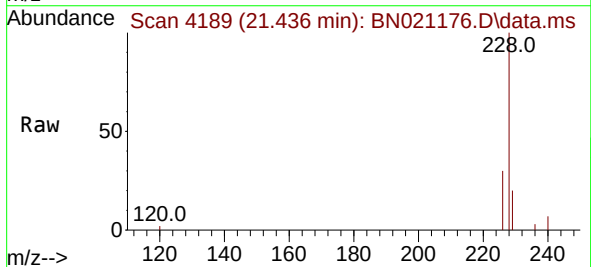
Instrument :
BNA_N
ClientSampleId :

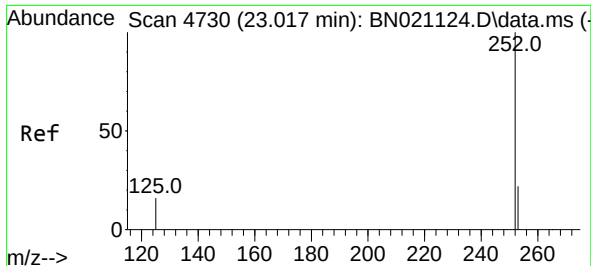
Tgt Ion:228 Resp: 7002
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 28.0 21.9 32.9



#22
Chrysene
Concen: 0.325 ng/ul
RT: 21.436 min Scan# 4189
Delta R.T. -0.006 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59

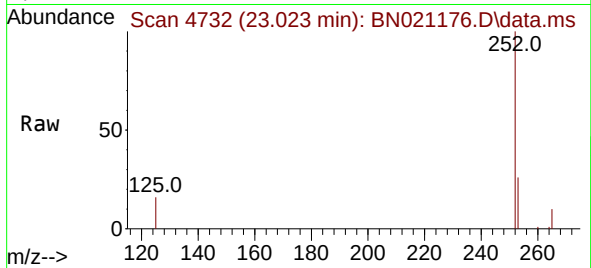
Tgt Ion:228 Resp: 8957
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.3 15.8 23.8



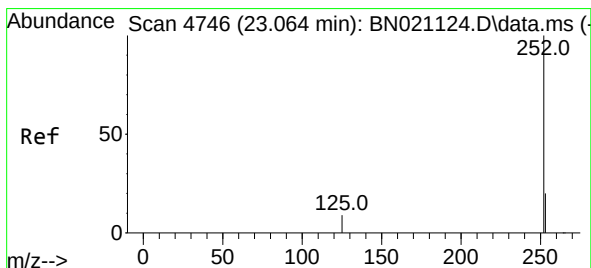
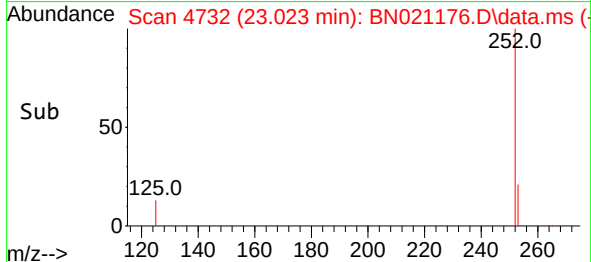
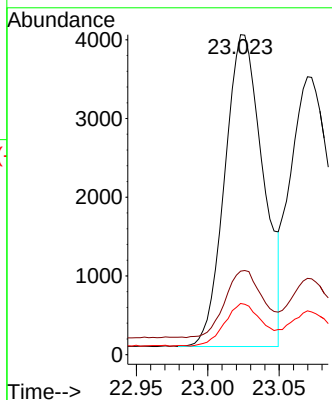


#24
Benzo(b)fluoranthene
Concen: 0.332 ng/ul
RT: 23.023 min Scan# 4732
Delta R.T. -0.006 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59

Instrument :
BNA_N
ClientSampleId :

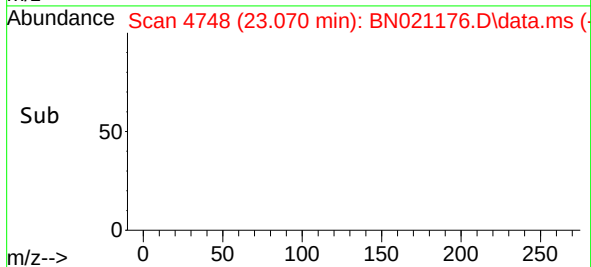
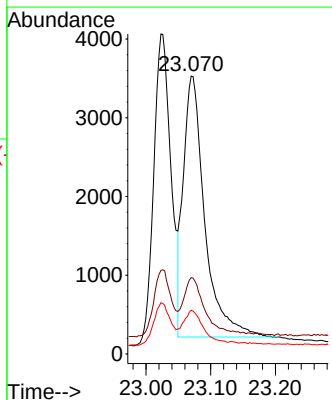
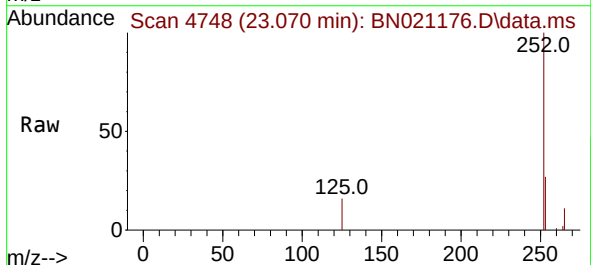


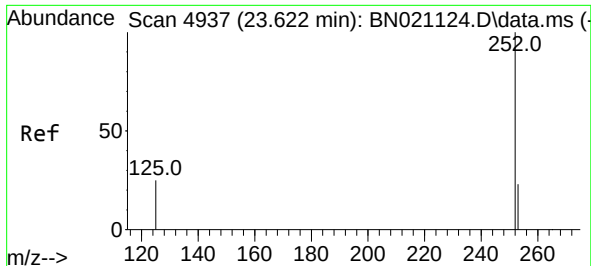
Tgt Ion:252 Resp: 7392
Ion Ratio Lower Upper
252 100
253 26.1 0.0 50.8
125 16.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.325 ng/ul
RT: 23.070 min Scan# 4748
Delta R.T. -0.006 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59

Tgt Ion:252 Resp: 7628
Ion Ratio Lower Upper
252 100
253 27.4 20.6 31.0
125 15.8 11.8 17.6

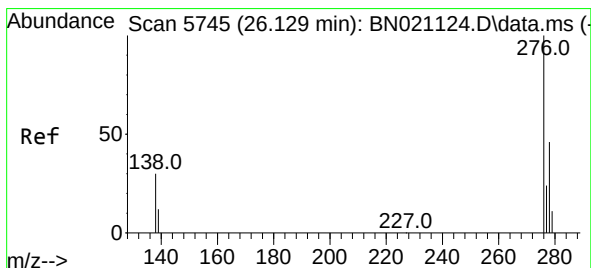
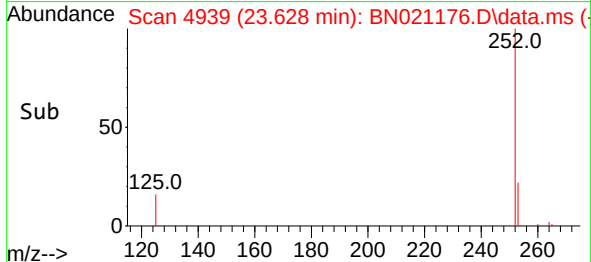
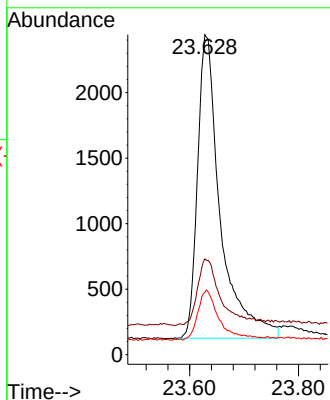
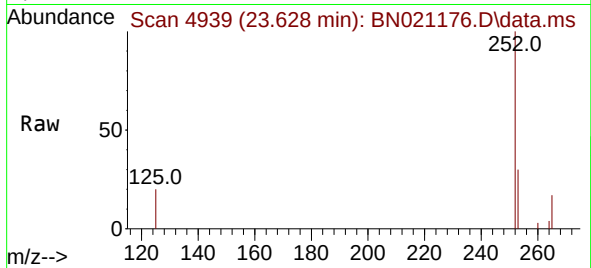




#26
Benzo(a)pyrene
Concen: 0.332 ng/ul
RT: 23.628 min Scan# 4937
Delta R.T. -0.006 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59

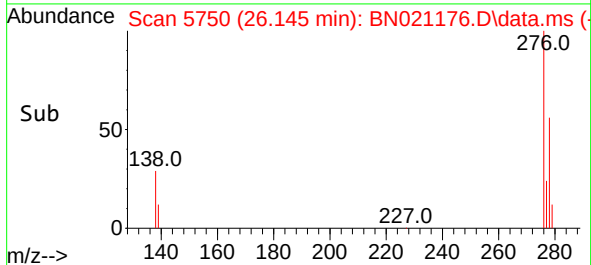
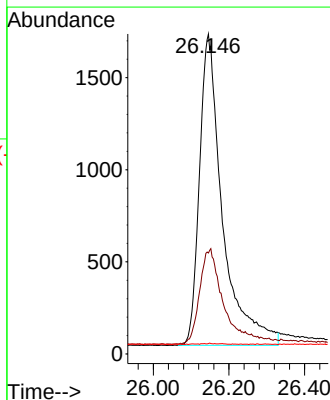
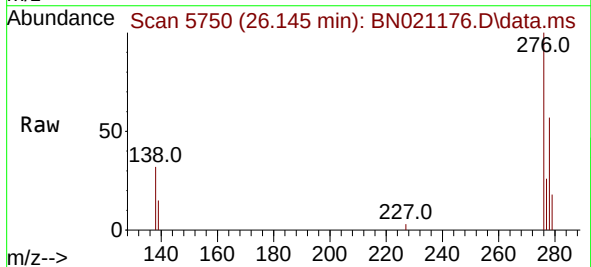
Instrument :
BNA_N
ClientSampleId :

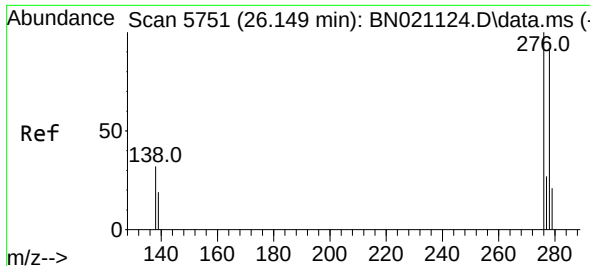
Tgt Ion:252	Resp:	6743	
Ion	Ratio	Lower	Upper
252	100		
253	29.9	22.1	33.1
125	19.5	14.7	22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.295 ng/ul
RT: 26.145 min Scan# 5750
Delta R.T. -0.004 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59

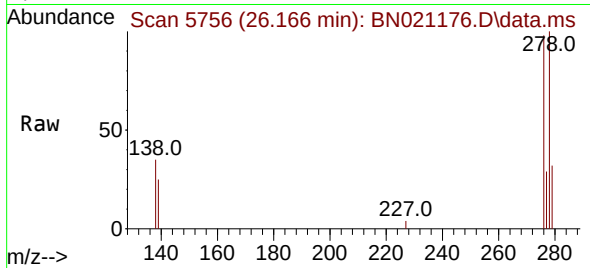
Tgt	Ion:276	Resp:	7140
Ion	Ratio	Lower	Upper
276	100		
138	32.6	26.1	39.1
227	0.1	0.1	0.1#



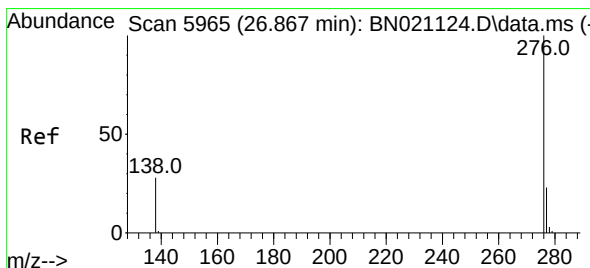
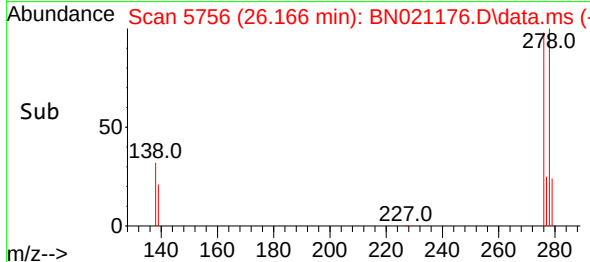
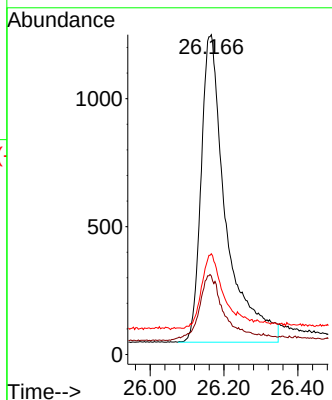


#28
Dibenzo(a,h)anthracene
Concen: 0.293 ng/ul
RT: 26.166 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 5606
Ion Ratio Lower Upper
278 100
139 24.6 18.3 27.5
279 31.5 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.315 ng/ul
RT: 26.877 min Scan# 5968
Delta R.T. -0.010 min
Lab File: BN021176.D
Acq: 12 Aug 2022 15:59

Tgt Ion:276 Resp: 6811
Ion Ratio Lower Upper
276 100
138 31.0 22.6 34.0
277 26.4 20.2 30.2

