

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080122\
 Data File : BN020927.D
 Acq On : 01 Aug 2022 19:37
 Operator : CG/JU
 Sample : SST0.223
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2224

Quant Time: Aug 02 03:36:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 03:35:30 2022
 Response via : Initial Calibration

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

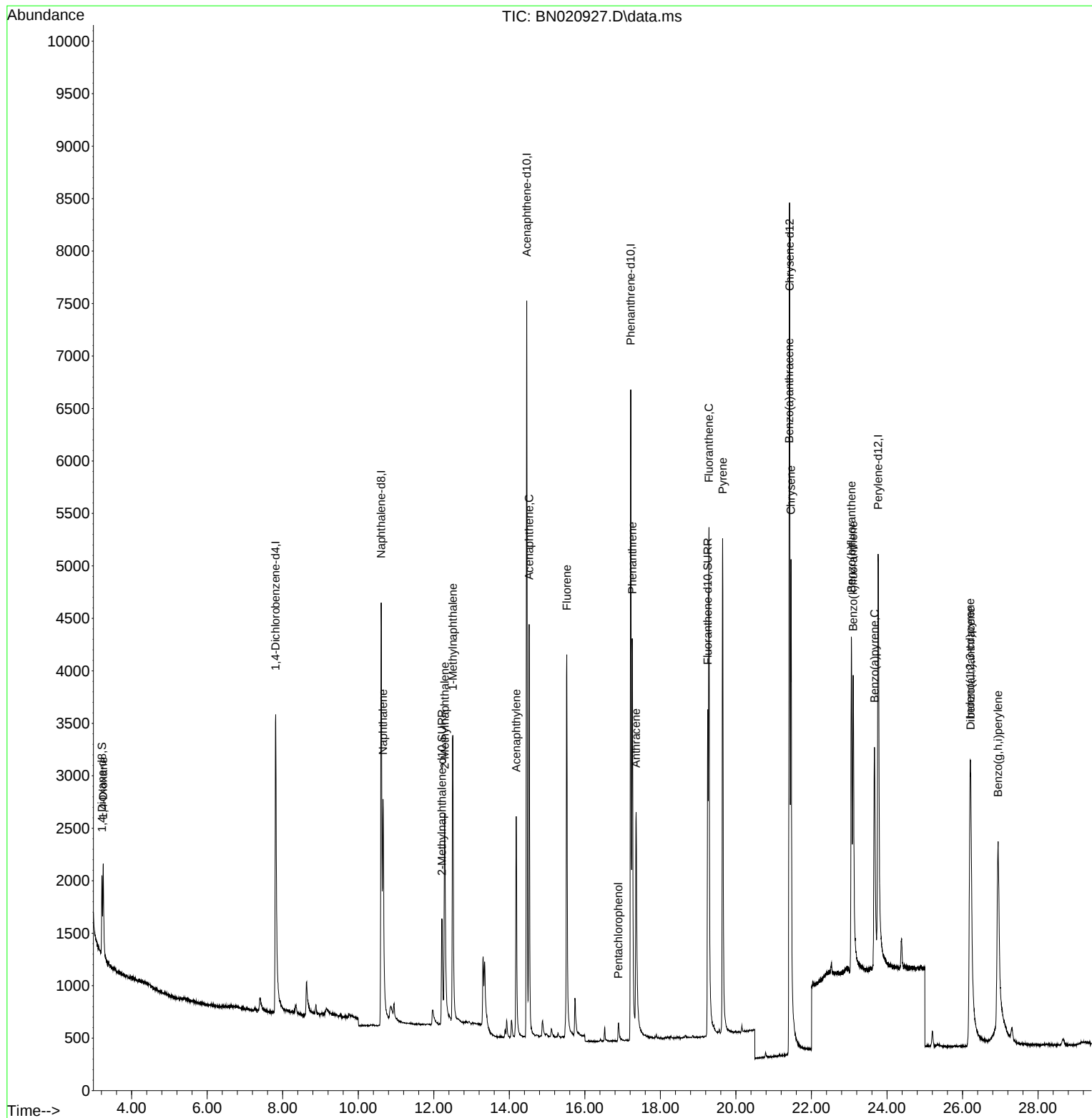
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	2319	0.400	ng/ul	0.00
4) Naphthalene-d8	10.607	136	7313	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.461	164	4233	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.214	188	8446	0.400	ng/ul	0.00
17) Chrysene-d12	21.421	240	7282	0.400	ng/ul	0.00
23) Perylene-d12	23.765	264	6538	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.215	96	534	0.192	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.219	152	1867	0.168	ng/ul	0.01
18) Fluoranthene-d10	19.254	212	4115	0.177	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.249	88	565	0.197	ng/ul#	86
5) Naphthalene	10.657	128	3640	0.159	ng/ul	97
7) 2-Methylnaphthalene	12.290	142	2123	0.147	ng/ul	99
8) 1-Methylnaphthalene	12.505	142	2421	0.173	ng/ul	100
10) Acenaphthylene	14.184	152	3047	0.145	ng/ul	97
11) Acenaphthene	14.526	153	2611	0.153	ng/ul	98
12) Fluorene	15.521	166	2897	0.155	ng/ul	99
14) Pentachlorophenol	16.889	266	186	0.146	ng/ul	99
15) Phenanthrene	17.256	178	4667	0.151	ng/ul	98
16) Anthracene	17.357	178	3508	0.141	ng/ul	95
19) Fluoranthene	19.287	202	4933	0.145	ng/ul	97
20) Pyrene	19.649	202	5261	0.148	ng/ul	96
21) Benzo(a)anthracene	21.410	228	3665	0.152	ng/ul	97
22) Chrysene	21.459	228	4661	0.150	ng/ul	99
24) Benzo(b)fluoranthene	23.058	252	4480	0.145	ng/ul	90
25) Benzo(k)fluoranthene	23.108	252	4725	0.147	ng/ul#	92
26) Benzo(a)pyrene	23.669	252	4222	0.148	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.202	276	4862	0.162	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.219	278	3794	0.166	ng/ul	92
29) Benzo(g,h,i)perylene	26.944	276	4644	0.171	ng/ul	94

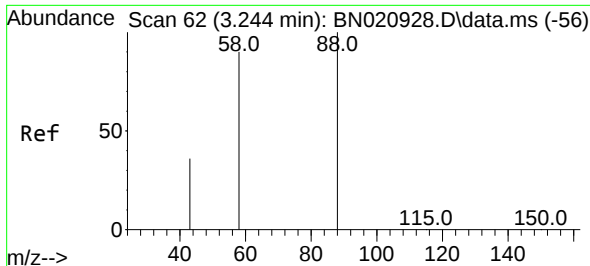
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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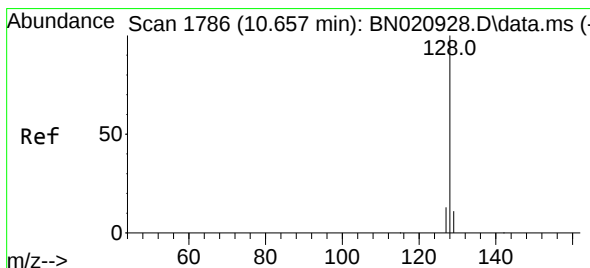
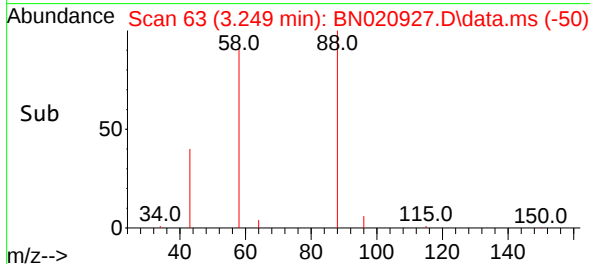
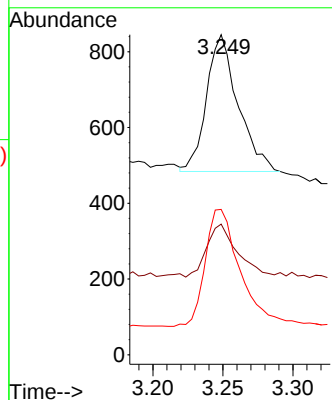
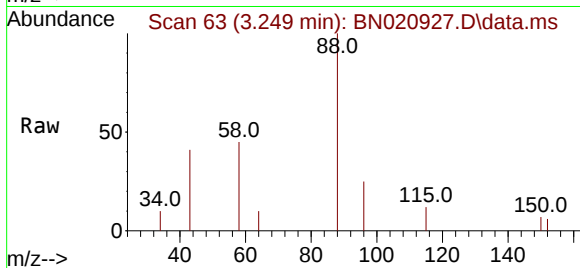




#2
1,4-Dioxane
Concen: 0.197 ng/ul
RT: 3.249 min Scan# 61
Delta R.T. 0.005 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

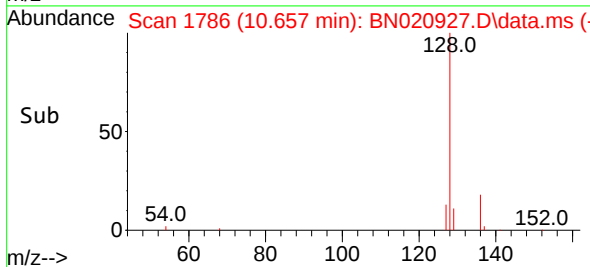
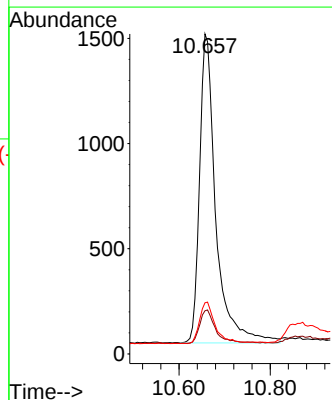
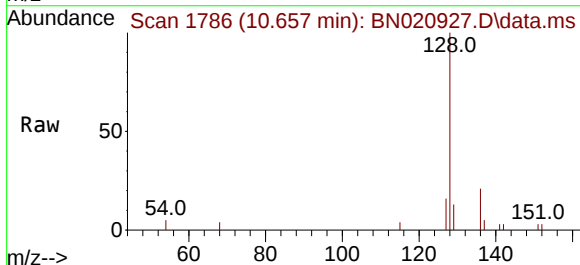
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

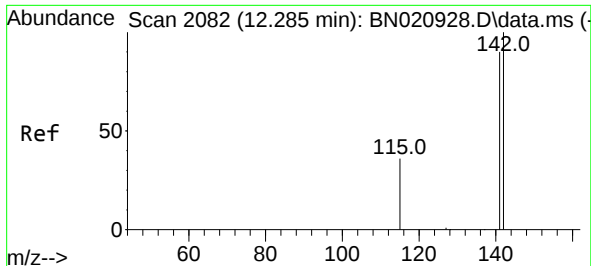
Tgt Ion: 88 Resp: 565
Ion Ratio Lower Upper
88 100
43 40.8 31.4 47.0
58 45.4 49.0 73.6#



#5
Naphthalene
Concen: 0.159 ng/ul
RT: 10.657 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

Tgt Ion: 128 Resp: 3640
Ion Ratio Lower Upper
128 100
129 13.5 9.8 14.6
127 16.0 11.6 17.4

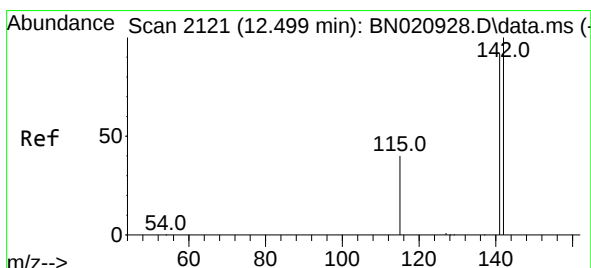
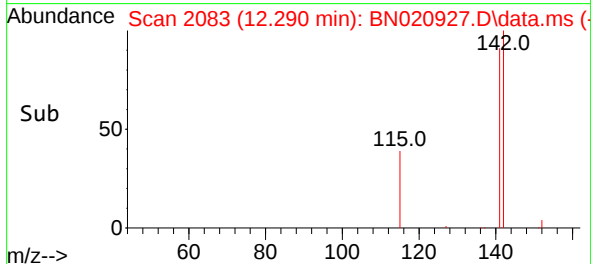
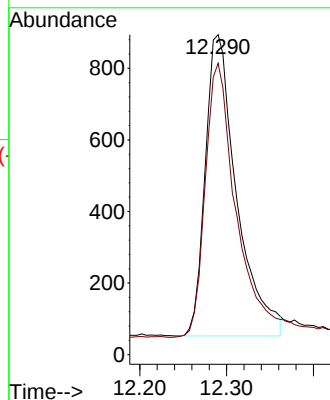
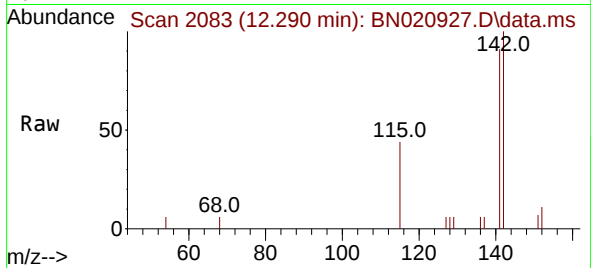




#7
2-Methylnaphthalene
Concen: 0.147 ng/ul
RT: 12.290 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

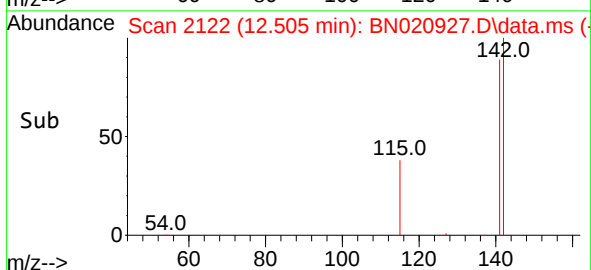
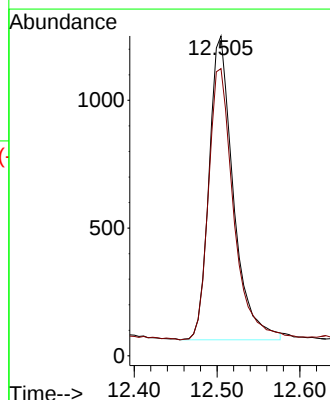
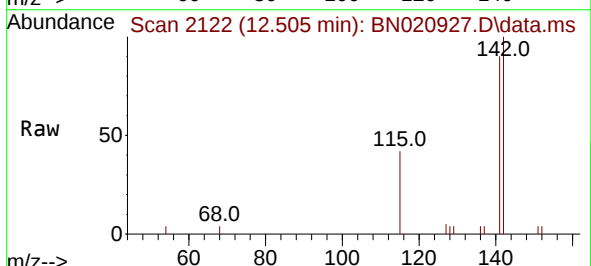
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

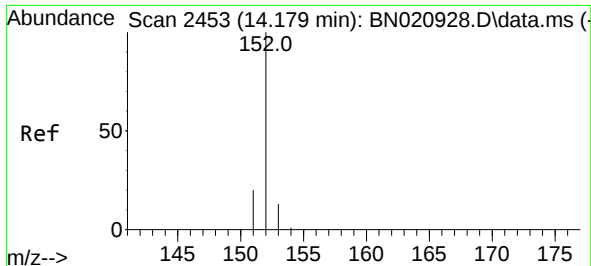
Tgt Ion:142 Resp: 2123
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.173 ng/ul
RT: 12.505 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

Tgt Ion:142 Resp: 2421
Ion Ratio Lower Upper
142 100
141 92.1 73.9 110.9

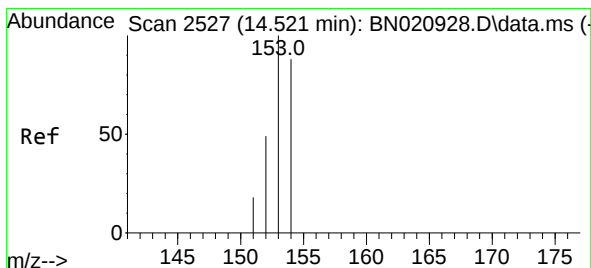
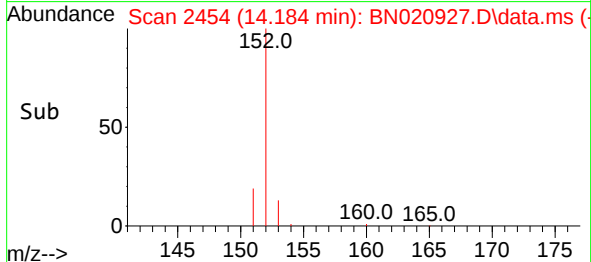
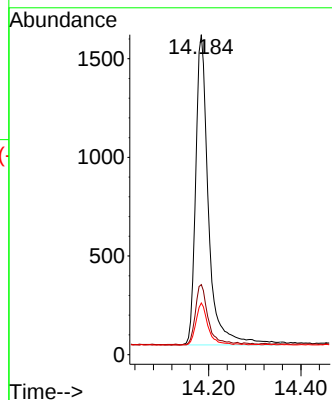
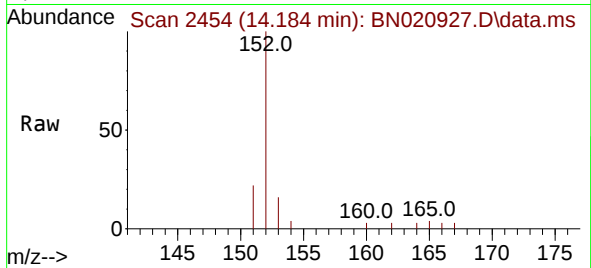




#10
Acenaphthylene
Concen: 0.145 ng/ul
RT: 14.184 min Scan# 2453
Delta R.T. 0.005 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

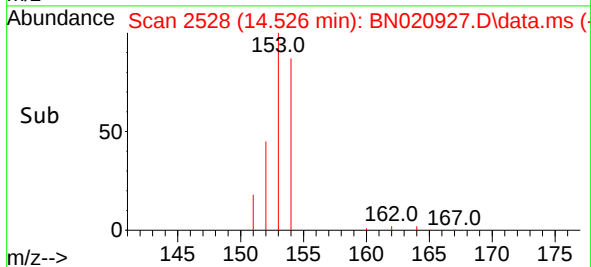
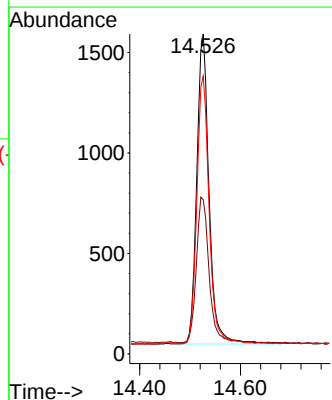
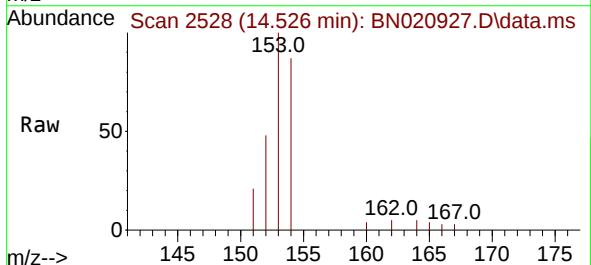
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

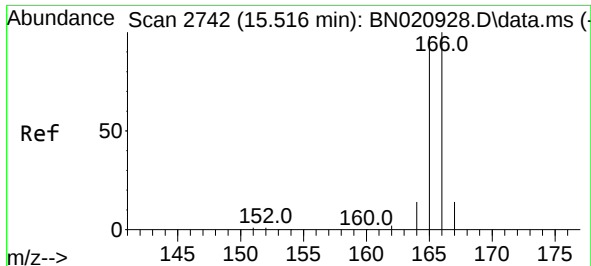
Tgt Ion:152	Resp:	3047
Ion Ratio	Lower	Upper
152	100	
151	21.9	16.9 25.3
153	16.2	11.2 16.8



#11
Acenaphthene
Concen: 0.153 ng/ul
RT: 14.526 min Scan# 2528
Delta R.T. 0.005 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

Tgt Ion:153	Resp:	2611
Ion Ratio	Lower	Upper
153	100	
152	48.2	40.2 60.4
154	86.9	70.7 106.1

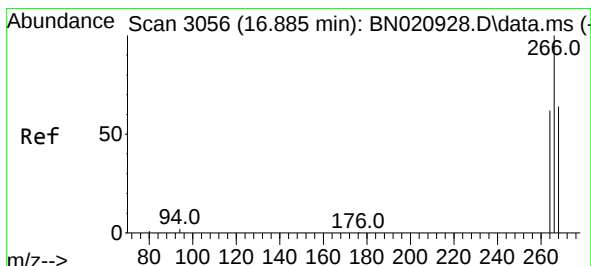
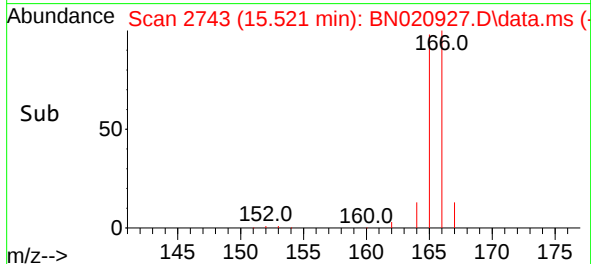
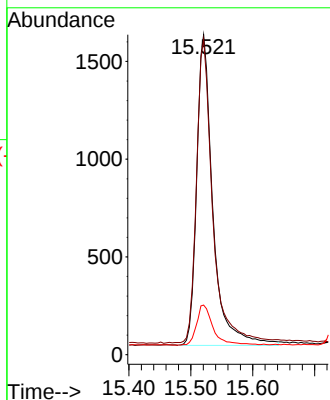
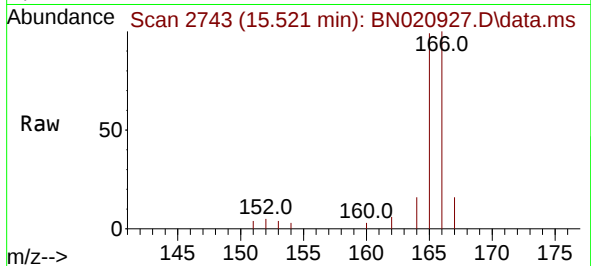




#12
Fluorene
Concen: 0.155 ng/ul
RT: 15.521 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

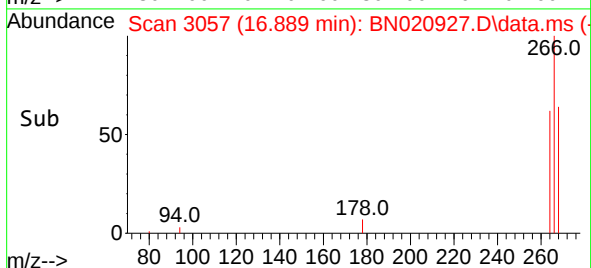
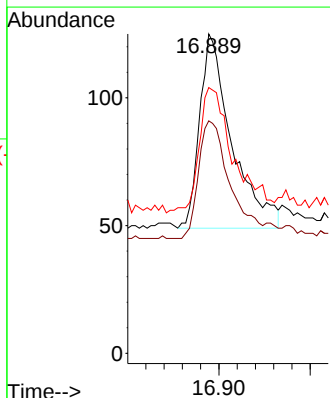
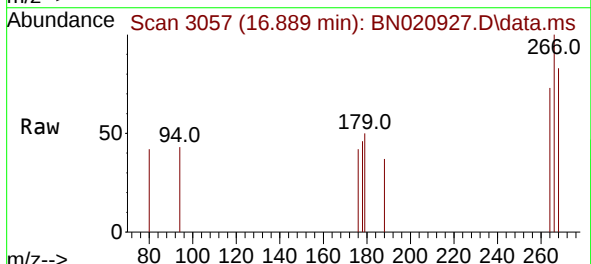
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

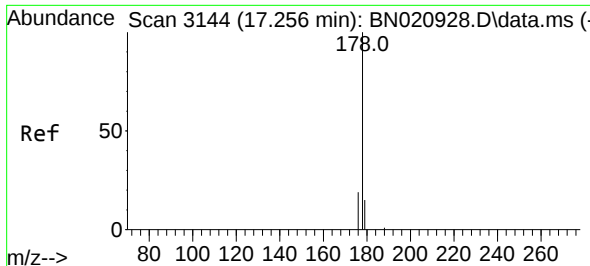
Tgt Ion:166 Resp: 2897
Ion Ratio Lower Upper
166 100
165 98.7 78.6 117.8
167 15.5 11.8 17.6



#14
Pentachlorophenol
Concen: 0.146 ng/ul
RT: 16.889 min Scan# 3057
Delta R.T. 0.004 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

Tgt Ion:266 Resp: 186
Ion Ratio Lower Upper
266 100
264 62.4 49.8 74.8
268 65.1 50.6 75.8

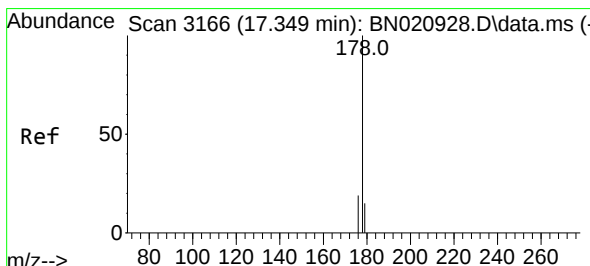
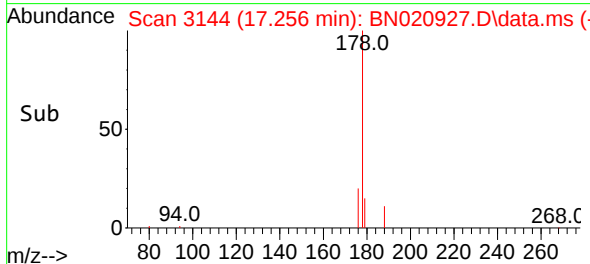
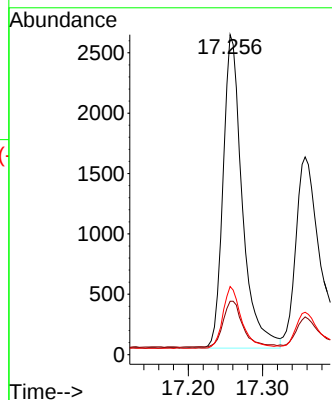
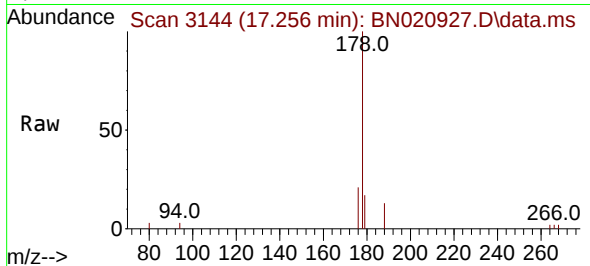




#15
Phenanthrene
Concen: 0.151 ng/ul
RT: 17.256 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

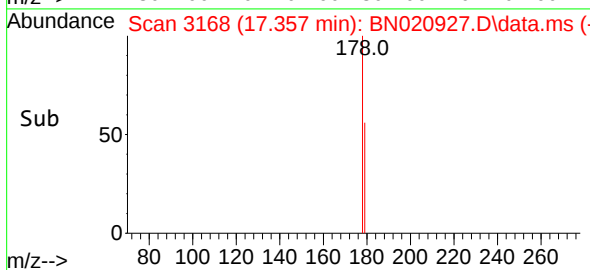
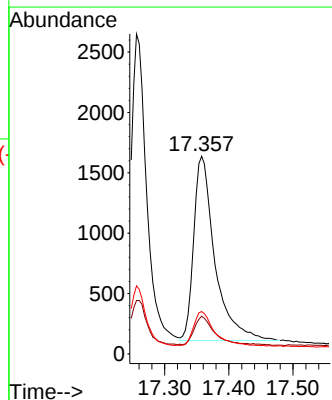
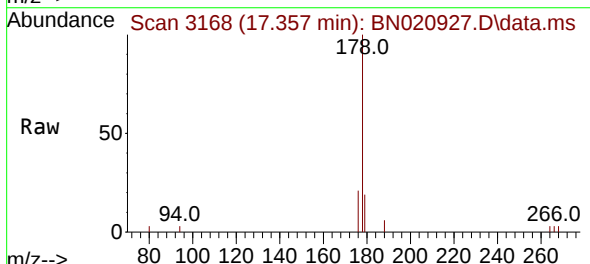
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ClientSampleId :
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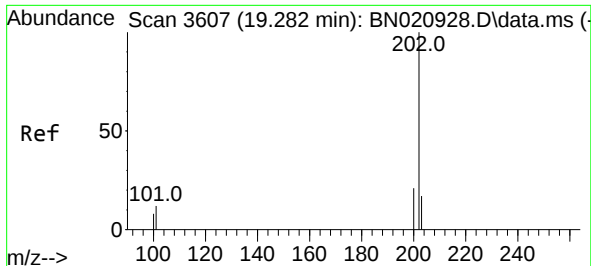
Tgt Ion:178 Resp: 4667
Ion Ratio Lower Upper
178 100
179 16.7 12.8 19.2
176 21.3 15.9 23.9



#16
Anthracene
Concen: 0.141 ng/ul
RT: 17.357 min Scan# 3168
Delta R.T. 0.009 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

Tgt Ion:178 Resp: 3508
Ion Ratio Lower Upper
178 100
179 19.0 12.9 19.3
176 21.4 15.9 23.9

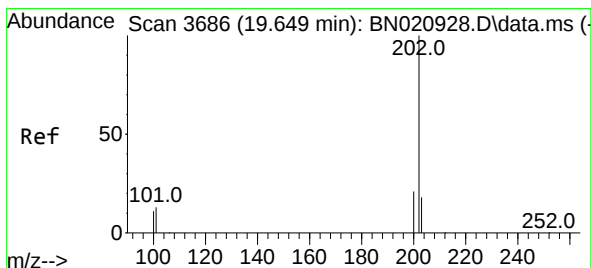
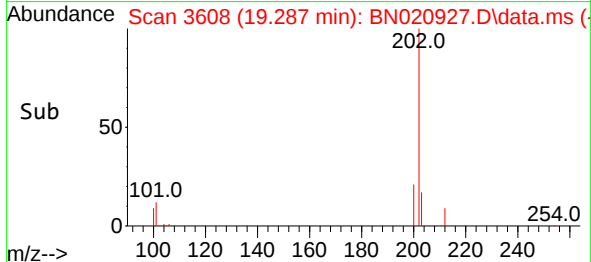
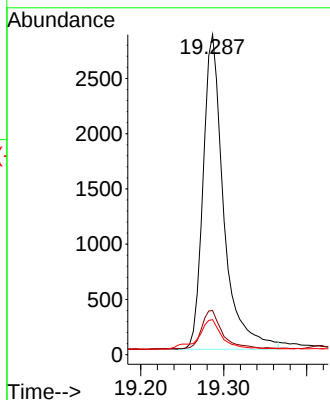
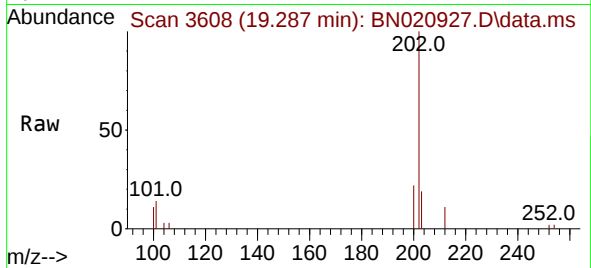




#19
Fluoranthene
Concen: 0.145 ng/ul
RT: 19.287 min Scan# 3608
Delta R.T. 0.005 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

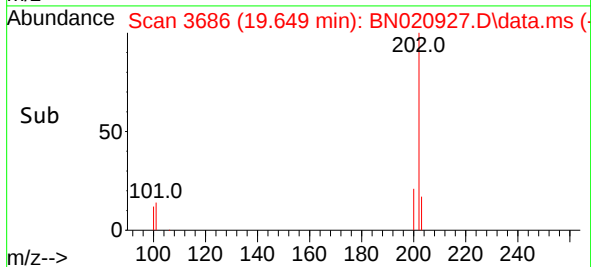
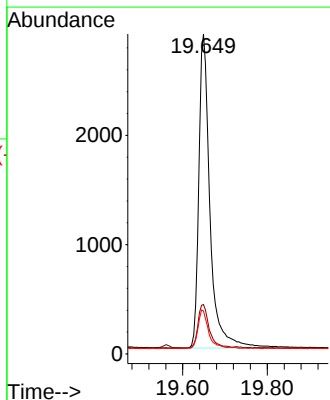
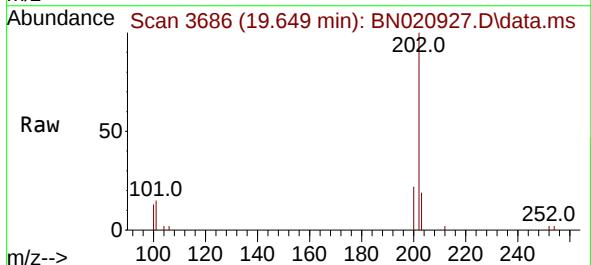
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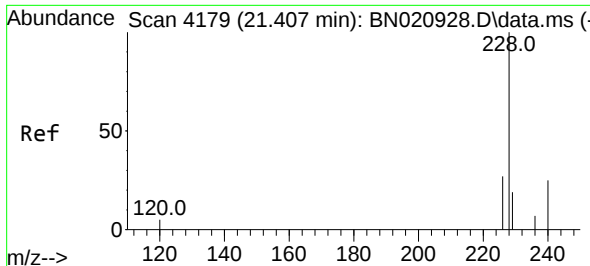
Tgt Ion:202 Resp: 4933
Ion Ratio Lower Upper
202 100
101 13.8 10.0 15.0
100 10.9 8.0 12.0



#20
Pyrene
Concen: 0.148 ng/ul
RT: 19.649 min Scan# 3686
Delta R.T. 0.000 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

Tgt Ion:202 Resp: 5261
Ion Ratio Lower Upper
202 100
101 15.5 11.3 16.9
100 13.4 9.0 13.4

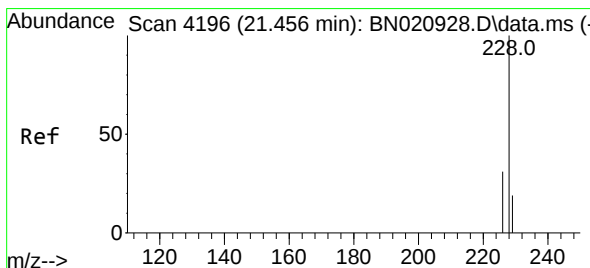
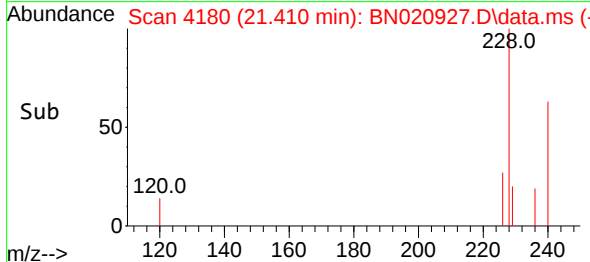
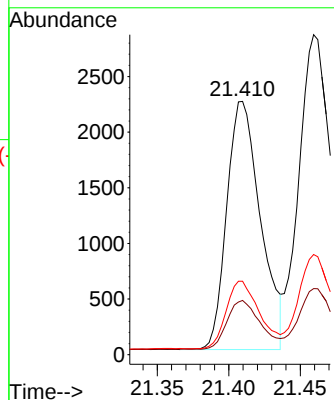
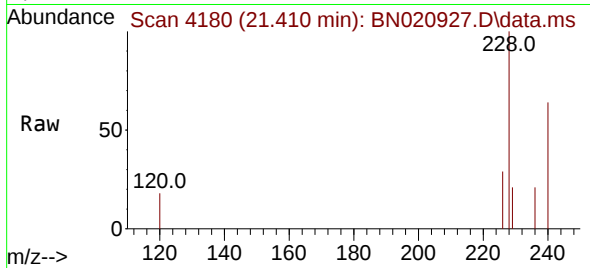




#21
Benzo(a)anthracene
Concen: 0.152 ng/ul
RT: 21.410 min Scan# 4180
Delta R.T. 0.003 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

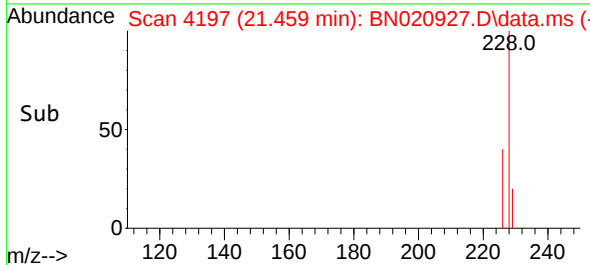
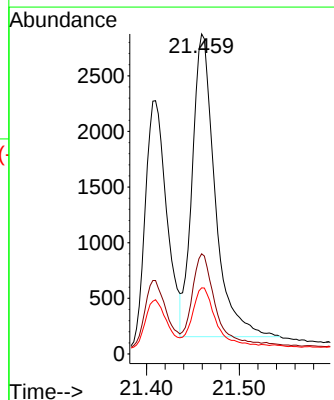
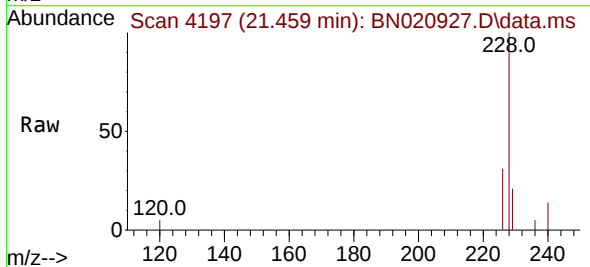
Instrument :
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SSTD0.2224

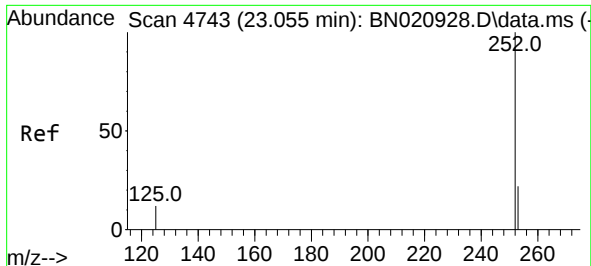
Tgt Ion:228 Resp: 3665
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 29.0 21.9 32.9



#22
Chrysene
Concen: 0.150 ng/ul
RT: 21.459 min Scan# 4197
Delta R.T. 0.003 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

Tgt Ion:228 Resp: 4661
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 20.7 15.8 23.8

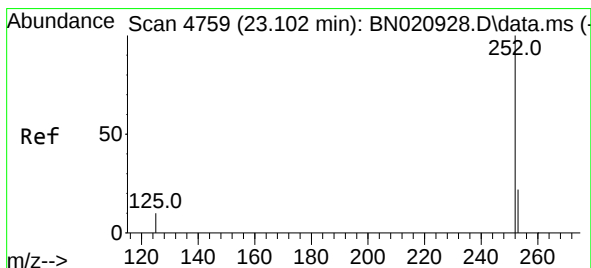
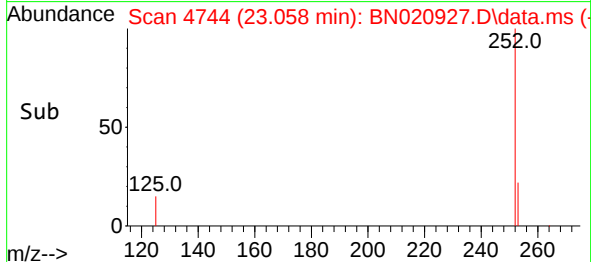
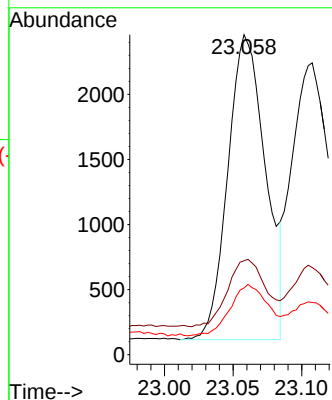
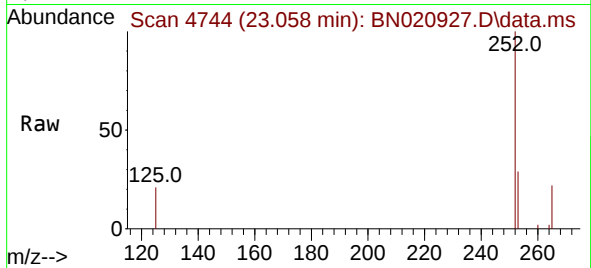




#24
Benzo(b)fluoranthene
Concen: 0.145 ng/ul
RT: 23.058 min Scan# 4744
Delta R.T. 0.003 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

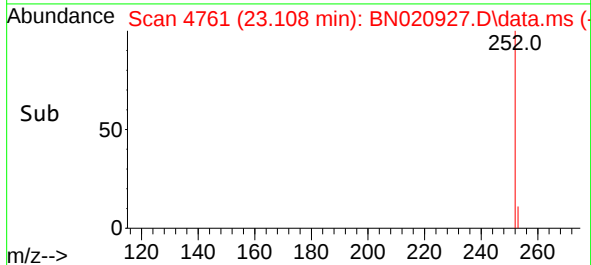
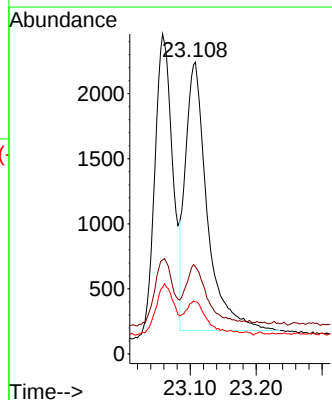
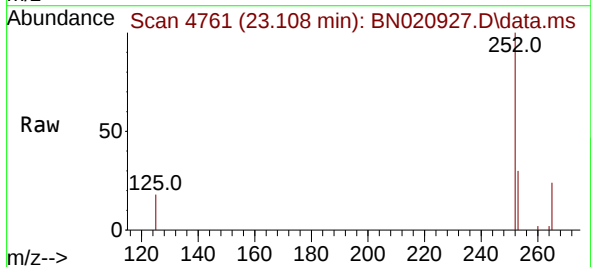
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

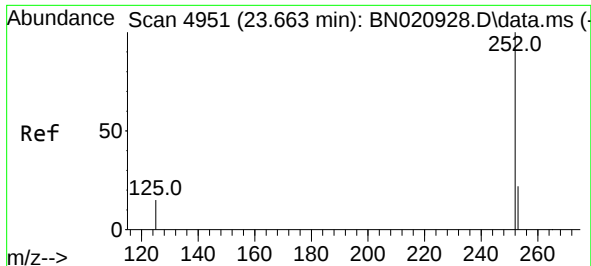
Tgt Ion:252 Resp: 4480
Ion Ratio Lower Upper
252 100
253 29.4 0.0 50.8
125 20.8 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.147 ng/ul
RT: 23.108 min Scan# 4761
Delta R.T. 0.006 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

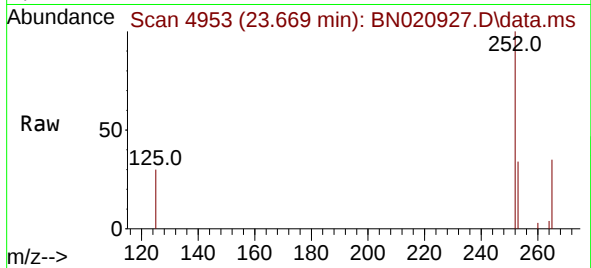
Tgt Ion:252 Resp: 4725
Ion Ratio Lower Upper
252 100
253 29.9 20.6 31.0
125 17.9 11.8 17.6#



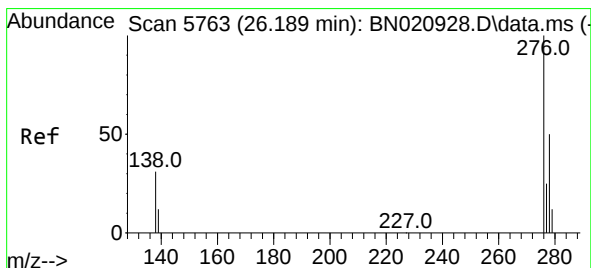
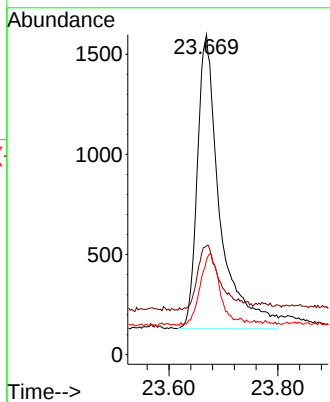
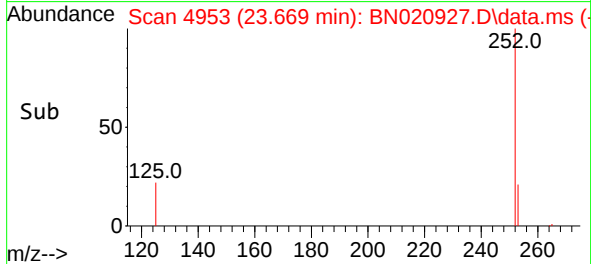


#26
Benzo(a)pyrene
Concen: 0.148 ng/ul
RT: 23.669 min Scan# 4951
Delta R.T. 0.006 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

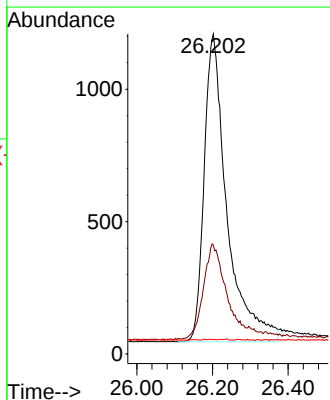
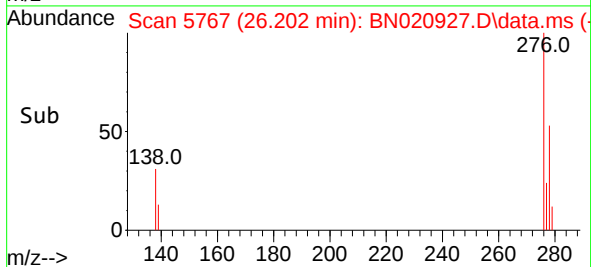
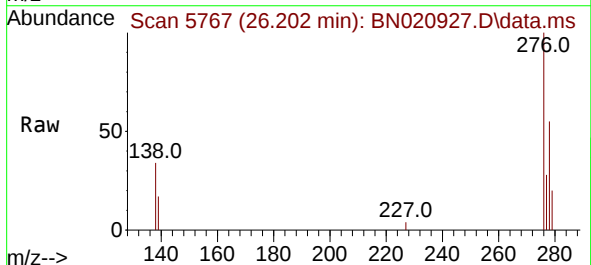


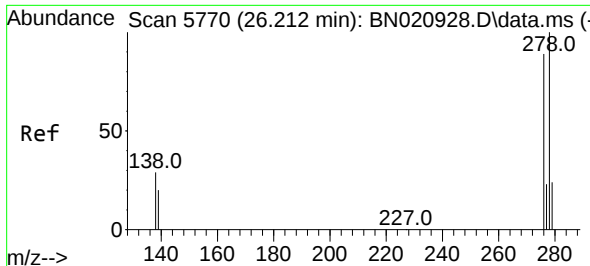
Tgt Ion:252 Resp: 4222
Ion Ratio Lower Upper
252 100
253 34.0 22.1 33.1#
125 29.7 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.162 ng/ul
RT: 26.202 min Scan# 5767
Delta R.T. 0.014 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

Tgt Ion:276 Resp: 4862
Ion Ratio Lower Upper
276 100
138 33.2 26.1 39.1
227 0.0 0.1 0.1#

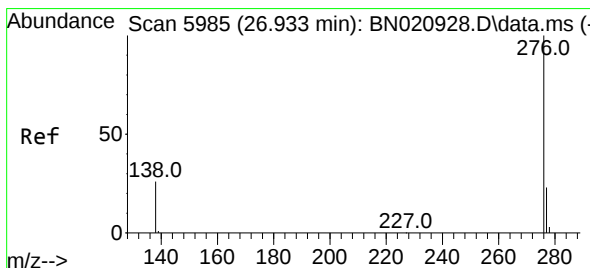
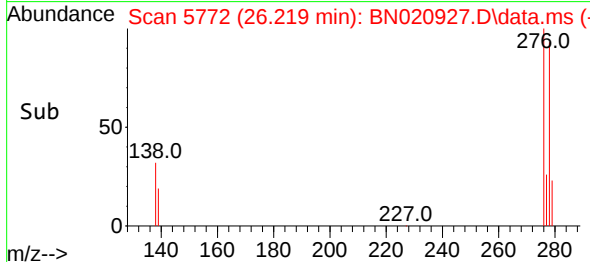
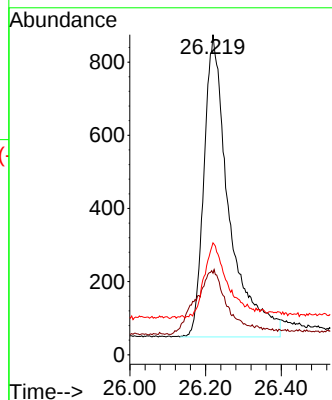
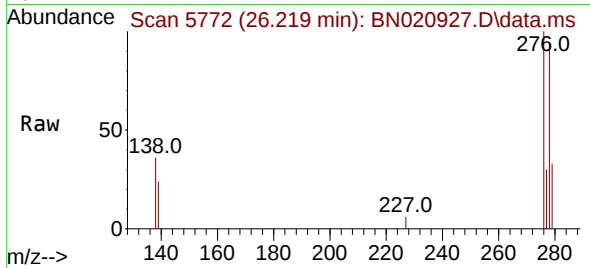




#28
Dibenzo(a,h)anthracene
Concen: 0.166 ng/ul
RT: 26.219 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

Tgt Ion:278 Resp: 3794
Ion Ratio Lower Upper
278 100
139 25.5 18.3 27.5
279 35.0 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.171 ng/ul
RT: 26.944 min Scan# 5988
Delta R.T. 0.010 min
Lab File: BN020927.D
Acq: 01 Aug 2022 19:37

Tgt Ion:276 Resp: 4644
Ion Ratio Lower Upper
276 100
138 31.1 22.6 34.0
277 28.5 20.2 30.2

