

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071922\
 Data File : BN020782.D
 Acq On : 19 Jul 2022 19:38
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4395

Quant Time: Jul 20 01:05:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 01:02:30 2022
 Response via : Initial Calibration

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

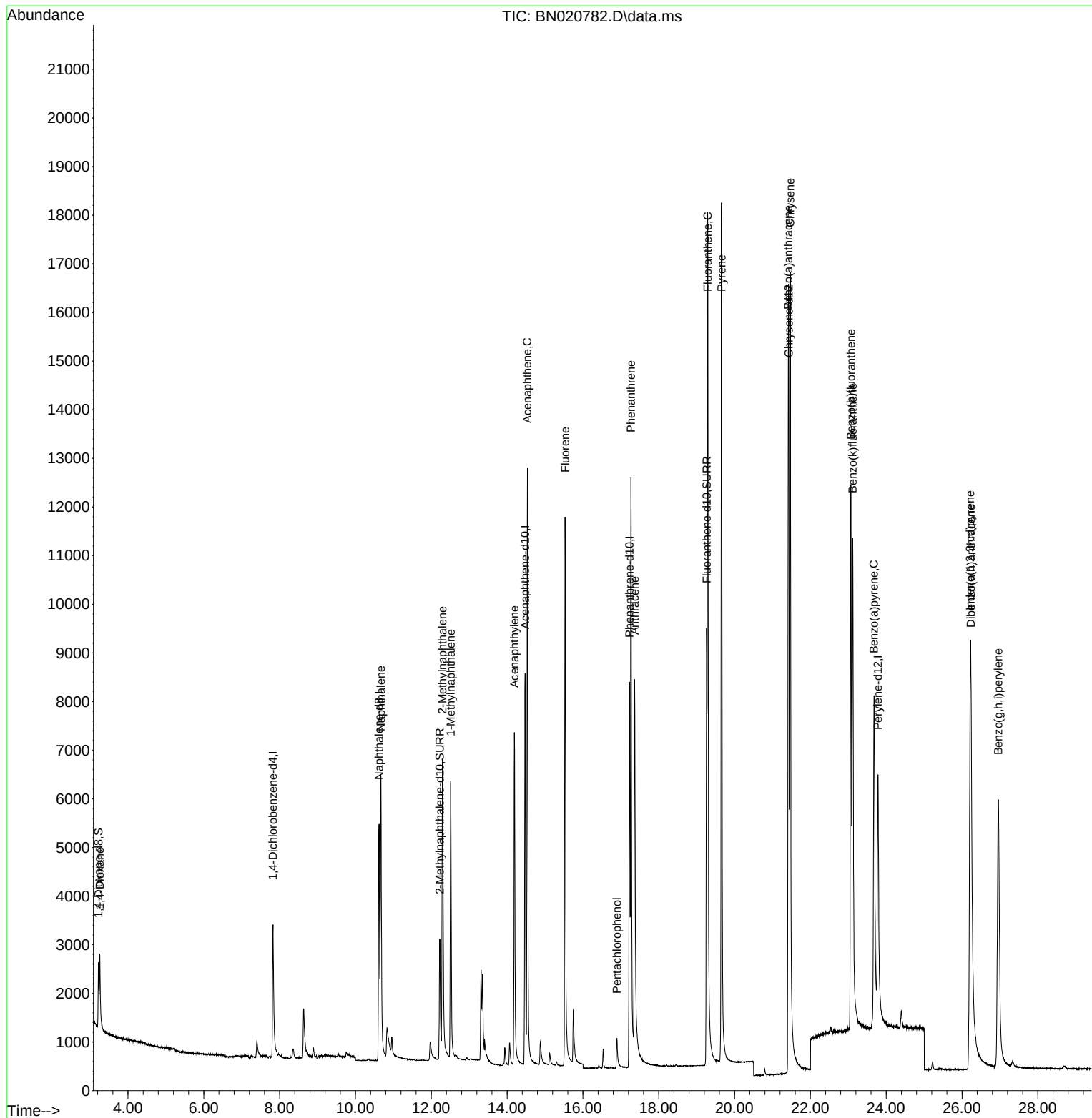
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	2044	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	8012	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	5033	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.225	188	10652	0.400	ng/ul	0.00
17) Chrysene-d12	21.432	240	10171	0.400	ng/ul	0.00
23) Perylene-d12	23.782	264	8365	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	952	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	4184	0.318	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	11510	0.343	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.256	88	929	0.384	ng/ul	91
5) Naphthalene	10.672	128	9864	0.399	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	5877	0.355	ng/ul	99
8) 1-Methylnaphthalene	12.514	142	4714	0.300	ng/ul	100
10) Acenaphthylene	14.192	152	9619	0.403	ng/ul	100
11) Acenaphthene	14.534	153	7919	0.415	ng/ul	99
12) Fluorene	15.529	166	8875	0.392	ng/ul	99
14) Pentachlorophenol	16.896	266	623	0.290	ng/ul	97
15) Phenanthrene	17.268	178	15287	0.413	ng/ul	100
16) Anthracene	17.365	178	12298	0.385	ng/ul	99
19) Fluoranthene	19.290	202	17576	0.378	ng/ul	98
20) Pyrene	19.657	202	18299	0.380	ng/ul	99
21) Benzo(a)anthracene	21.417	228	12987	0.355	ng/ul	99
22) Chrysene	21.470	228	17275	0.425	ng/ul	100
24) Benzo(b)fluoranthene	23.068	252	15944	0.412	ng/ul	98
25) Benzo(k)fluoranthene	23.115	252	17115	0.438	ng/ul	99
26) Benzo(a)pyrene	23.677	252	14098	0.401	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.218	276	15745	0.450	ng/ul	99
28) Dibenzo(a,h)anthracene	26.235	278	12196	0.431	ng/ul	99
29) Benzo(g,h,i)perylene	26.956	276	14410	0.480	ng/ul	100

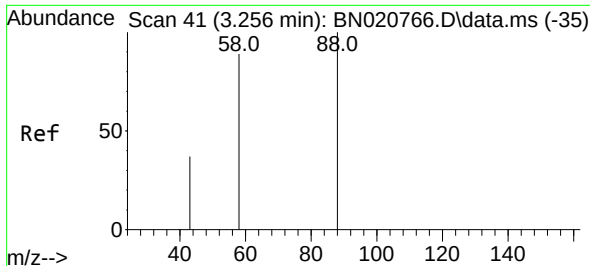
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071922\
Data File : BN020782.D
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Sample : SSTDC00.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Time: Jul 20 01:05:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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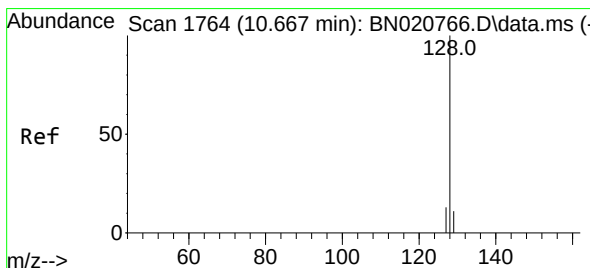
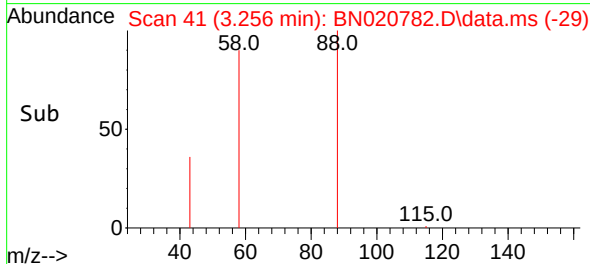
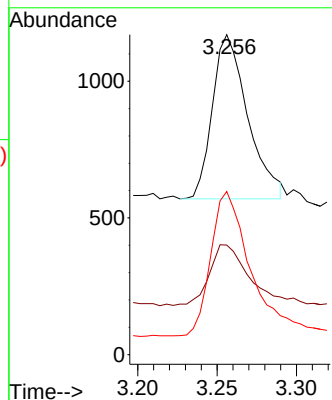
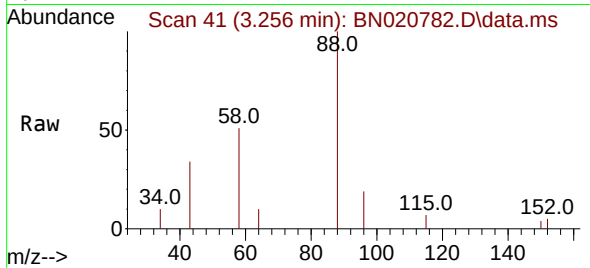




#2
 1,4-Dioxane
 Concen: 0.384 ng/ul
 RT: 3.256 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN020782.D
 Acq: 19 Jul 2022 19:38

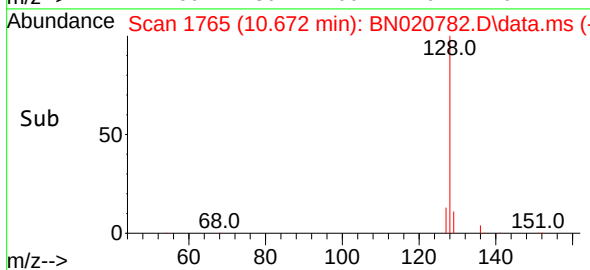
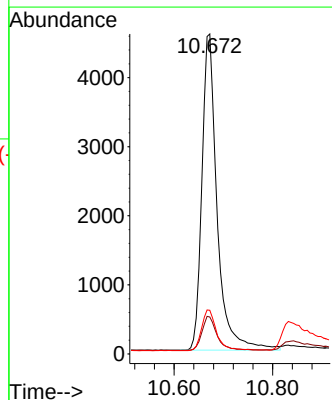
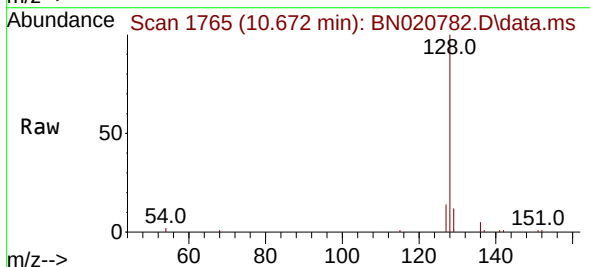
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4395

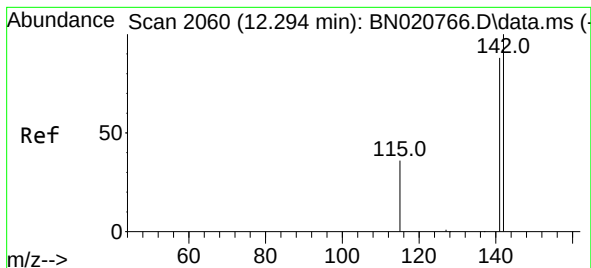
Tgt Ion: 88 Resp: 929
 Ion Ratio Lower Upper
 88 100
 43 34.3 32.5 48.7
 58 51.0 46.2 69.2



#5
 Naphthalene
 Concen: 0.399 ng/ul
 RT: 10.672 min Scan# 1765
 Delta R.T. 0.006 min
 Lab File: BN020782.D
 Acq: 19 Jul 2022 19:38

Tgt Ion: 128 Resp: 9864
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.5 14.3
 127 13.6 11.3 16.9

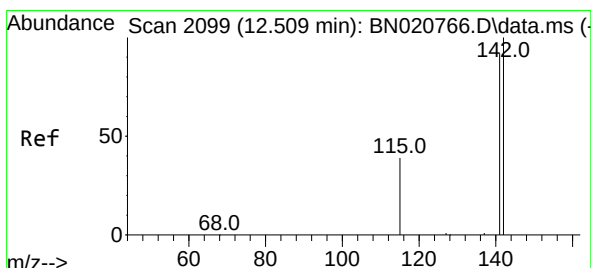
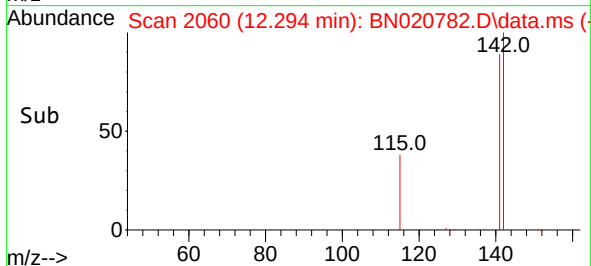
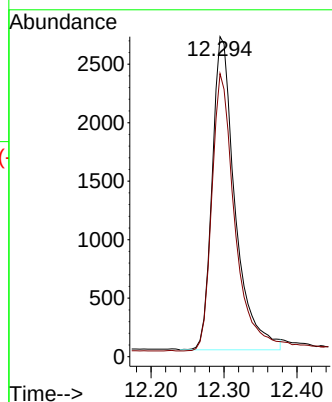
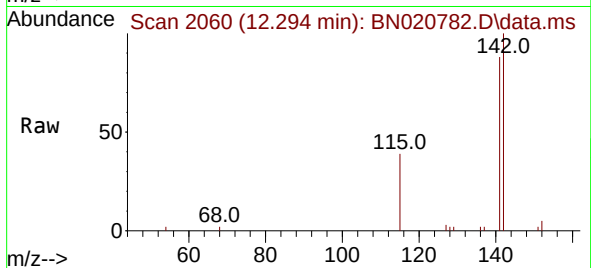




#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.294 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

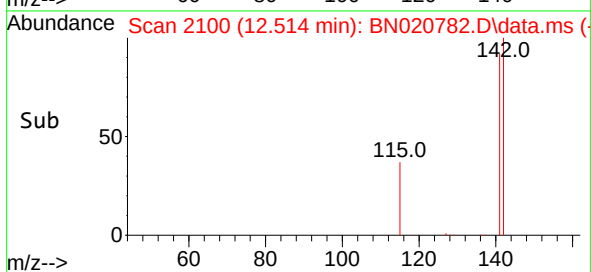
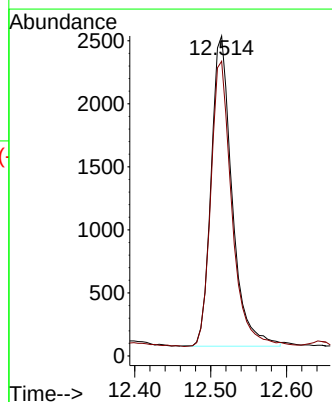
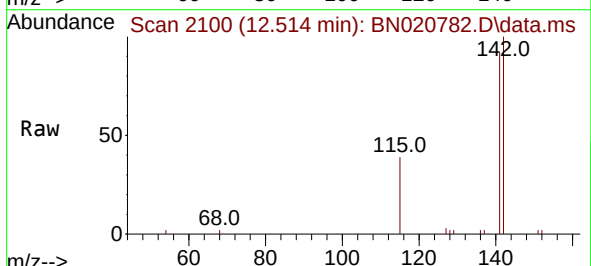
Instrument :
BNA_N
ClientSampleId :
SSTD0.4395

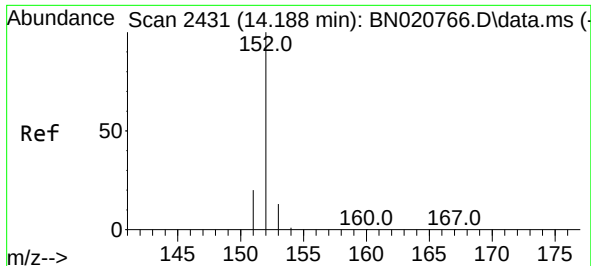
Tgt Ion:142 Resp: 5877
Ion Ratio Lower Upper
142 100
141 88.8 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

Tgt Ion:142 Resp: 4714
Ion Ratio Lower Upper
142 100
141 92.1 73.7 110.5

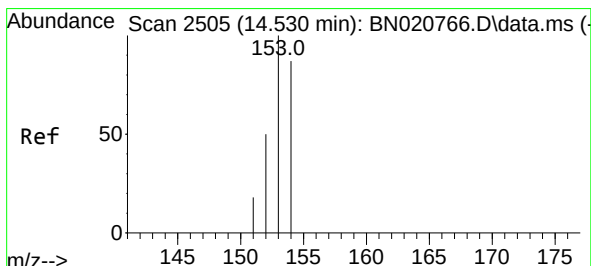
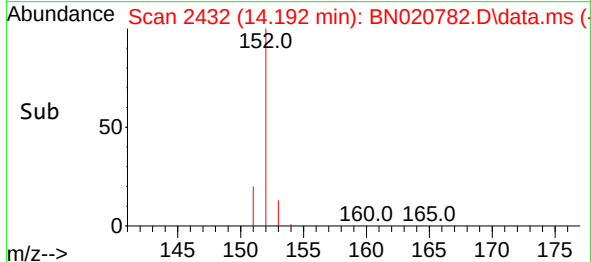
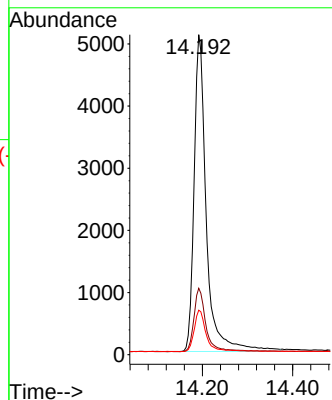
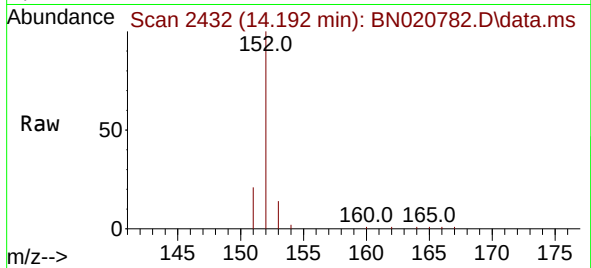




#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 14.192 min Scan# 2431
Delta R.T. 0.004 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

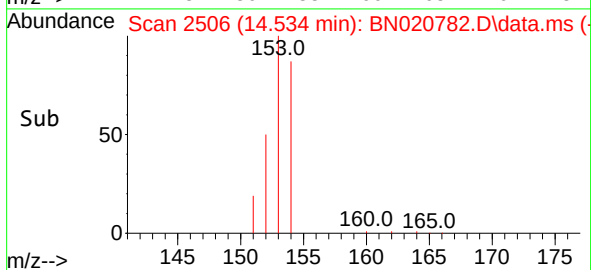
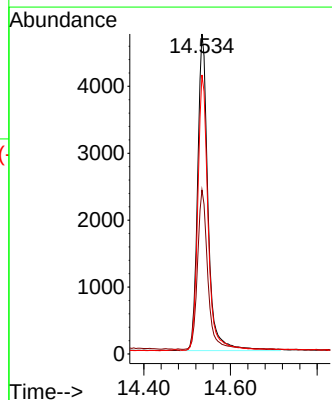
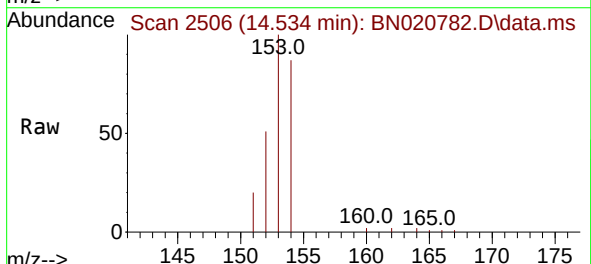
Instrument :
BNA_N
ClientSampleId :
SSTD0.4395

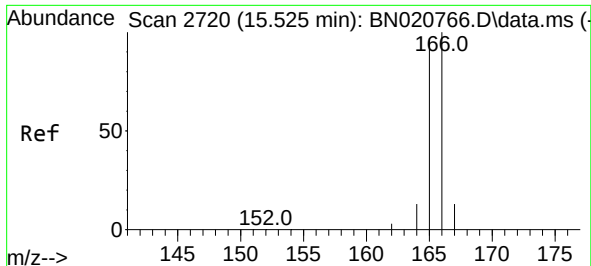
Tgt Ion:152 Resp: 9619
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.415 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. 0.004 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

Tgt Ion:153 Resp: 7919
Ion Ratio Lower Upper
153 100
152 51.3 40.0 60.0
154 87.2 70.0 105.0

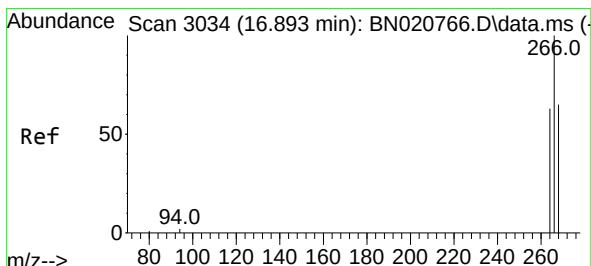
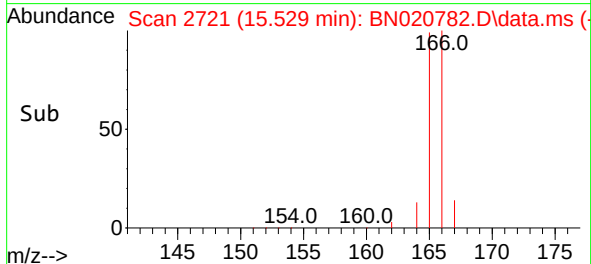
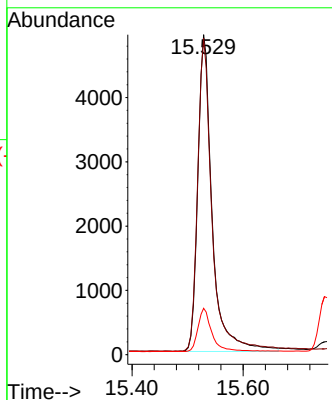
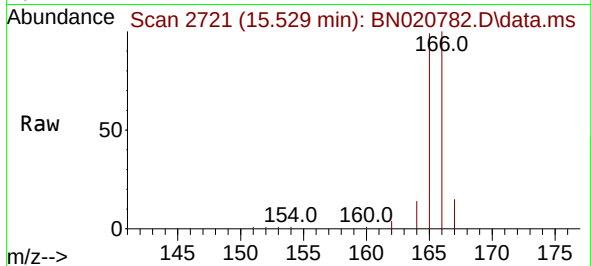




#12
 Fluorene
 Concen: 0.392 ng/ul
 RT: 15.529 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN020782.D
 Acq: 19 Jul 2022 19:38

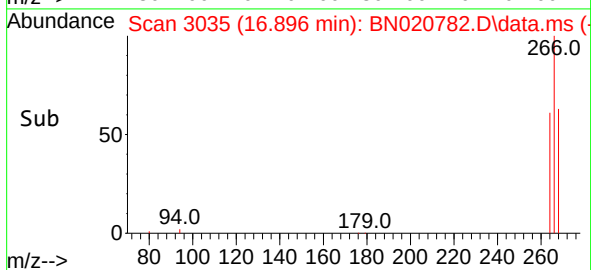
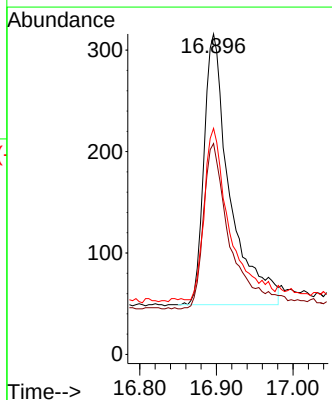
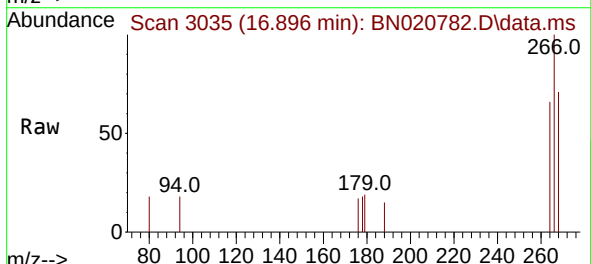
Instrument :
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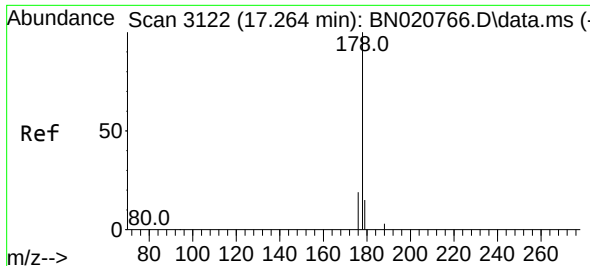
Tgt Ion:166 Resp: 8875
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.2 117.2
 167 14.5 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.290 ng/ul
 RT: 16.896 min Scan# 3035
 Delta R.T. 0.003 min
 Lab File: BN020782.D
 Acq: 19 Jul 2022 19:38

Tgt Ion:266 Resp: 623
 Ion Ratio Lower Upper
 266 100
 264 63.1 51.6 77.4
 268 61.8 51.5 77.3

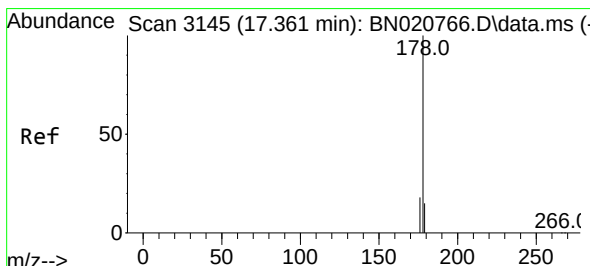
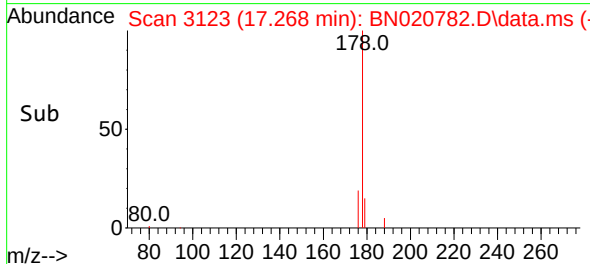
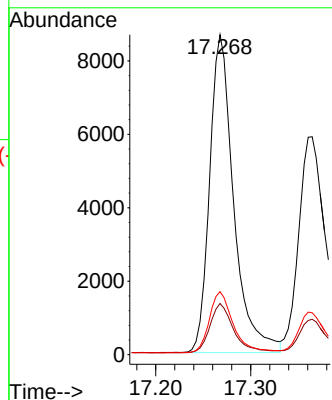
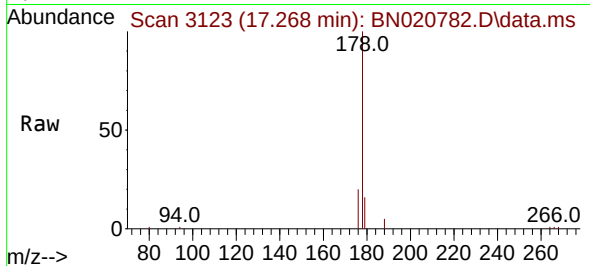




#15
Phenanthrene
Concen: 0.413 ng/ul
RT: 17.268 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

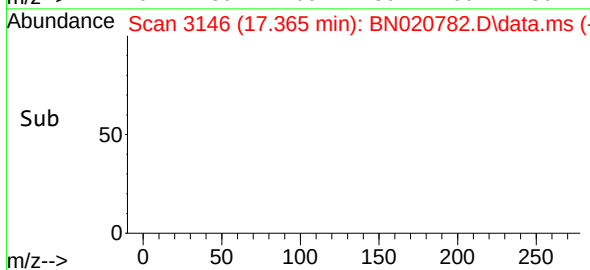
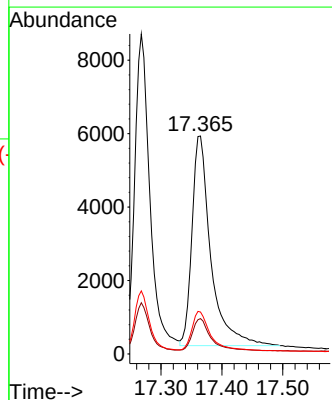
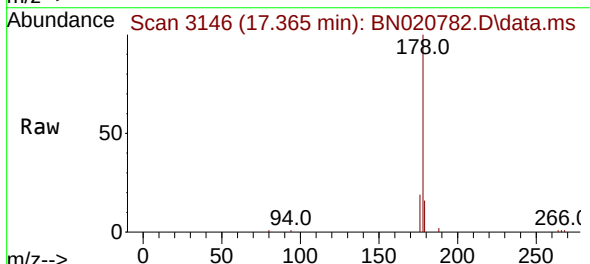
Instrument :
BNA_N
ClientSampleId :
SSTD0.4395

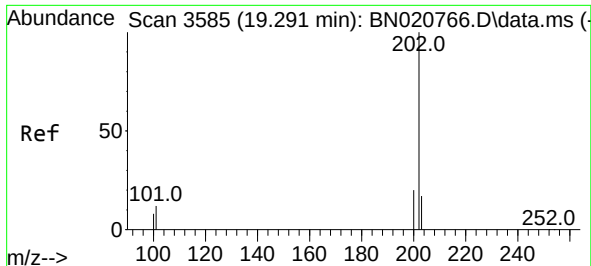
Tgt Ion:178 Resp: 15287
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.7 15.8 23.6



#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.365 min Scan# 3146
Delta R.T. 0.003 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

Tgt Ion:178 Resp: 12298
Ion Ratio Lower Upper
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179 16.2 12.8 19.2
176 19.2 15.2 22.8

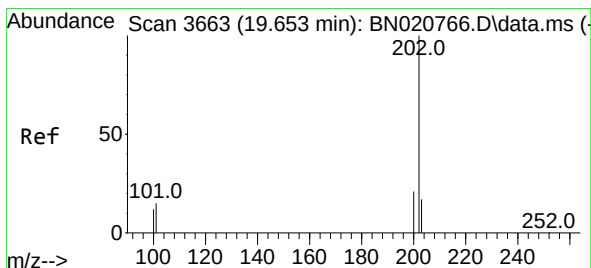
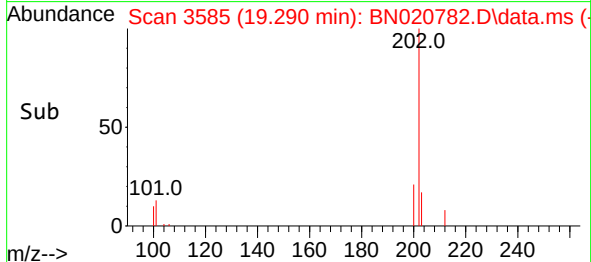
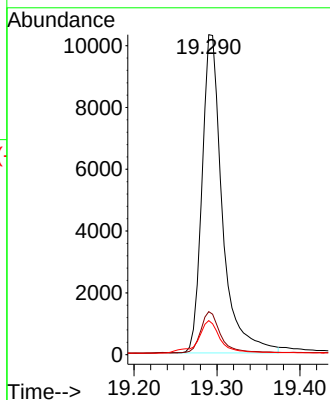
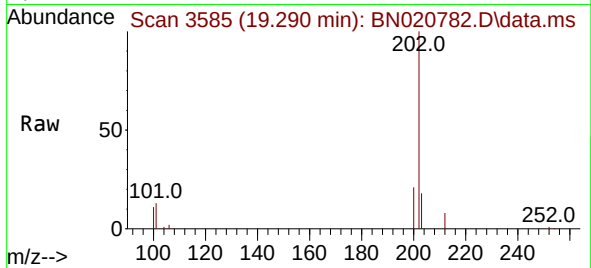




#19
Fluoranthene
Concen: 0.378 ng/u1
RT: 19.290 min Scan# 31
Delta R.T. -0.001 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

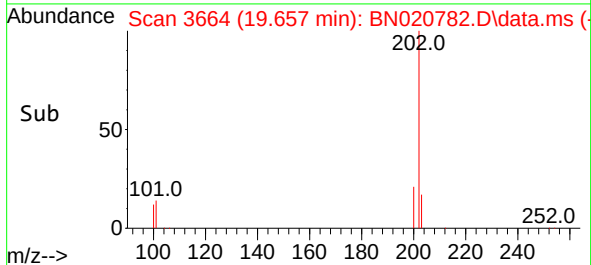
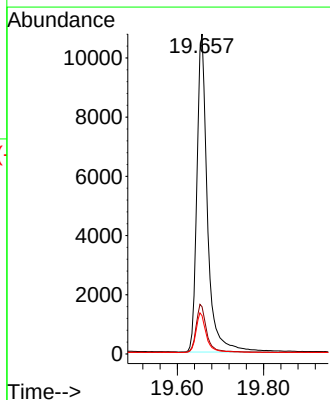
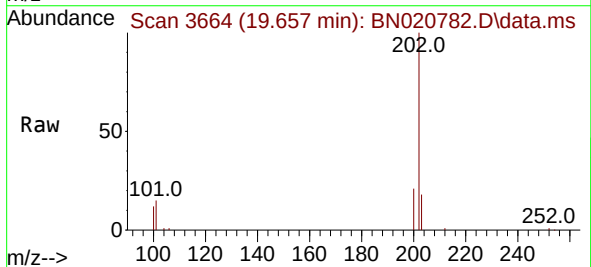
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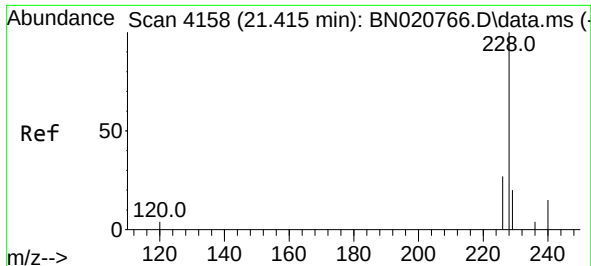
Tgt Ion:202 Resp: 17576
Ion Ratio Lower Upper
202 100
101 13.5 10.3 15.5
100 10.6 7.8 11.6



#20
Pyrene
Concen: 0.380 ng/u1
RT: 19.657 min Scan# 3664
Delta R.T. 0.004 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

Tgt Ion:202 Resp: 18299
Ion Ratio Lower Upper
202 100
101 14.7 11.6 17.4
100 12.0 9.2 13.8

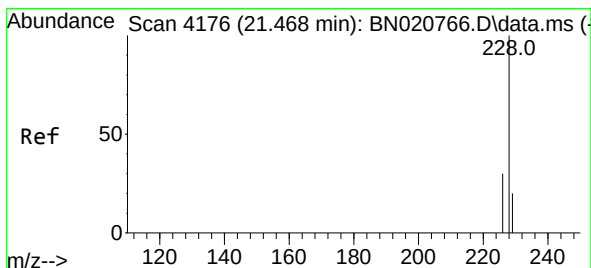
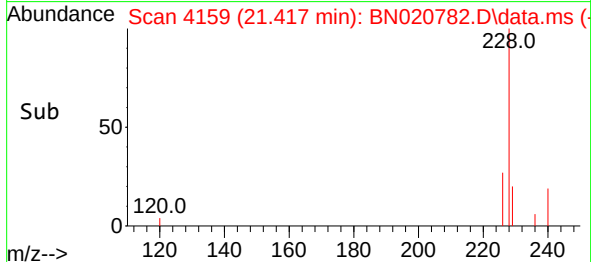
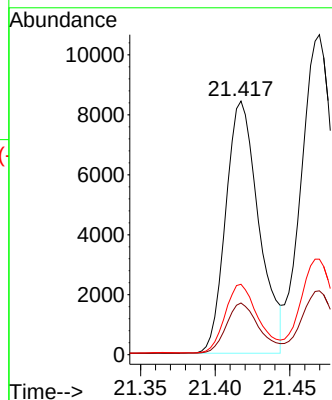
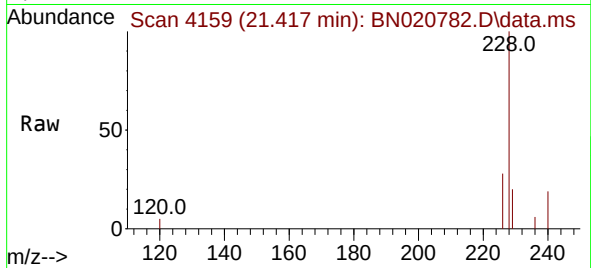




#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.417 min Scan# 4158
Delta R.T. 0.002 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

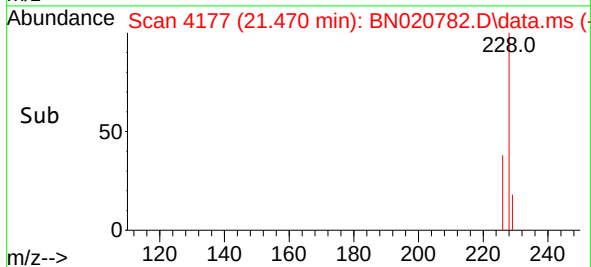
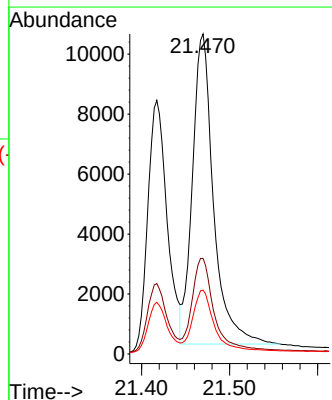
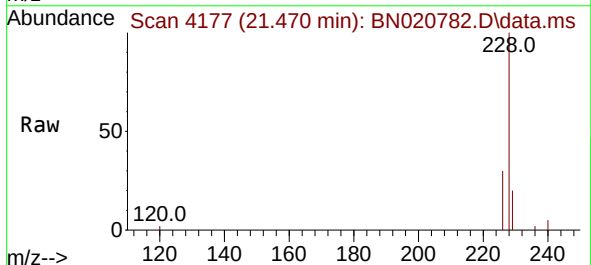
Instrument :
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SSTD0.4395

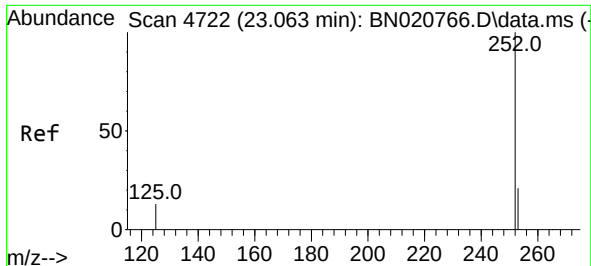
Tgt Ion:228 Resp: 12987
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.470 min Scan# 4177
Delta R.T. 0.002 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

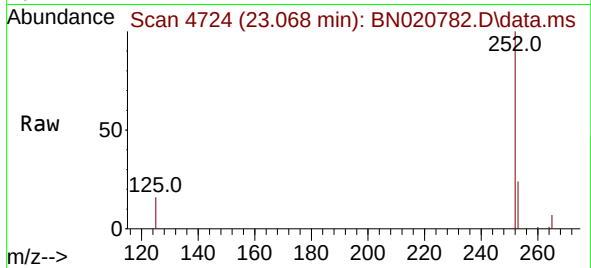
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Ion Ratio Lower Upper
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229 20.0 15.8 23.8



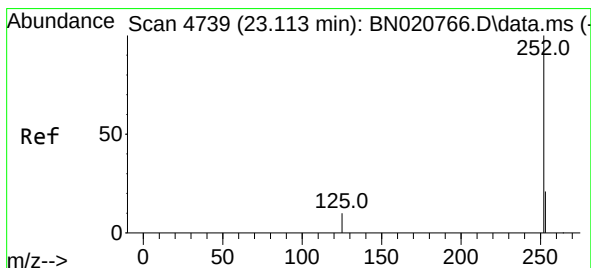
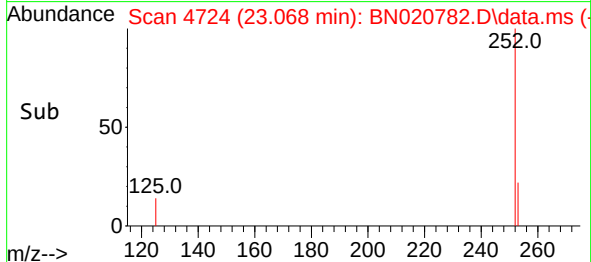
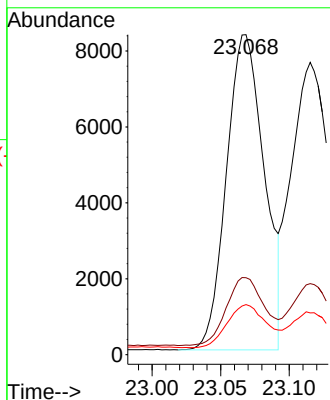


#24
Benzo(b)fluoranthene
Concen: 0.412 ng/ul
RT: 23.068 min Scan# 41
Delta R.T. 0.005 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.4395

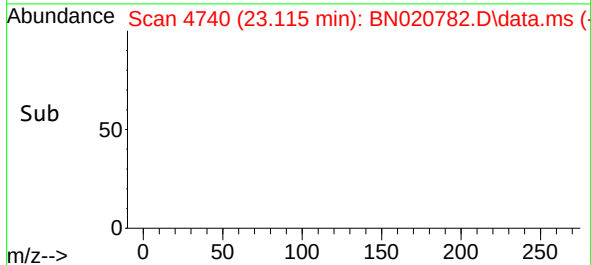
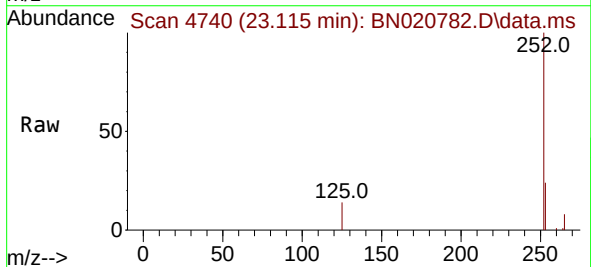
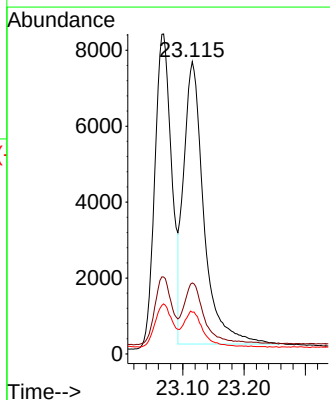


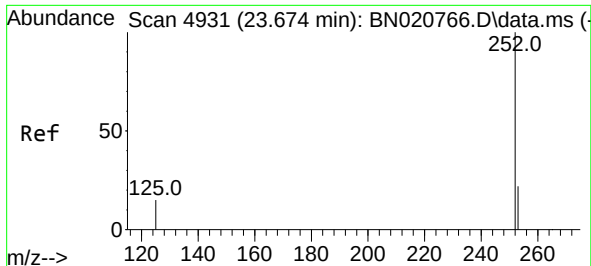
Tgt Ion:252 Resp: 15944
Ion Ratio Lower Upper
252 100
253 24.1 0.0 48.6
125 15.7 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.438 ng/ul
RT: 23.115 min Scan# 4740
Delta R.T. 0.002 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

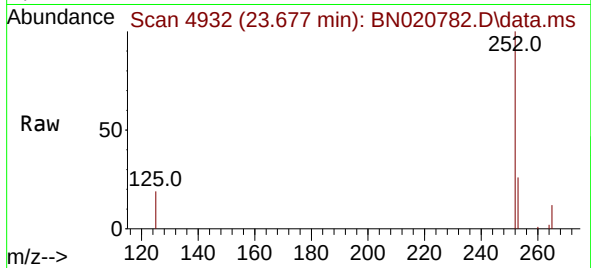
Tgt Ion:252 Resp: 17115
Ion Ratio Lower Upper
252 100
253 24.3 19.7 29.5
125 14.3 12.0 18.0



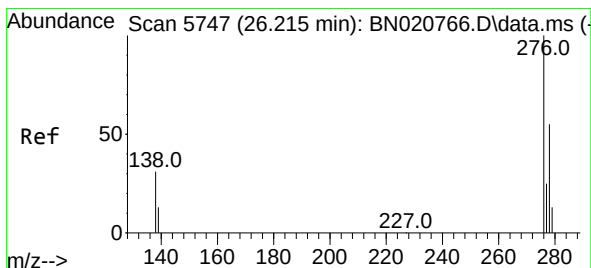
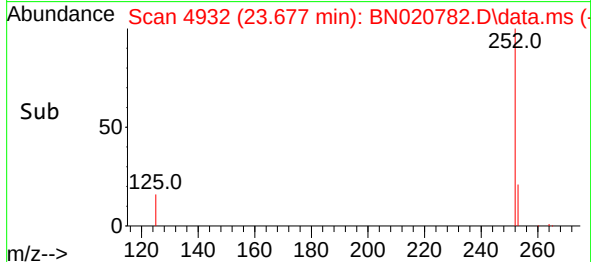
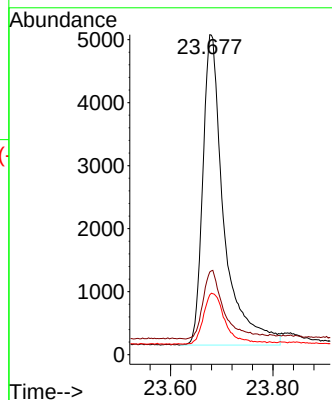


#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.677 min Scan# 4931
Delta R.T. 0.002 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.4395

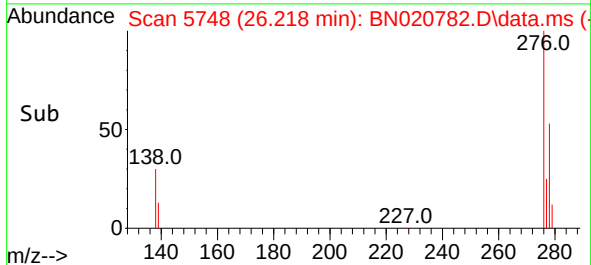
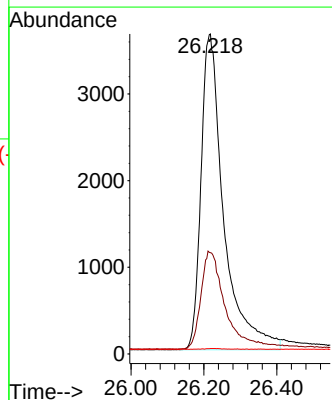
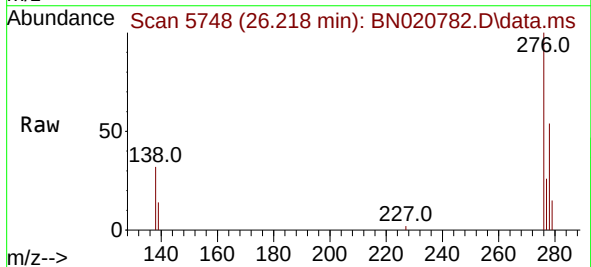


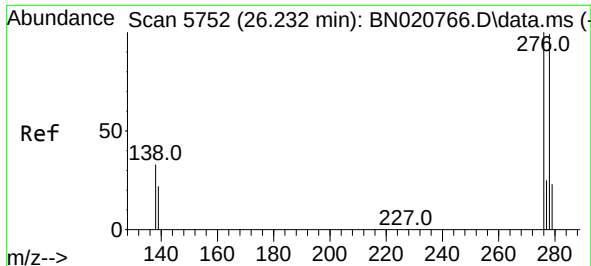
Tgt Ion:252 Resp: 14098
Ion Ratio Lower Upper
252 100
253 25.9 21.0 31.4
125 18.7 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.450 ng/ul
RT: 26.218 min Scan# 5748
Delta R.T. 0.003 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

Tgt Ion:276 Resp: 15745
Ion Ratio Lower Upper
276 100
138 33.5 27.4 41.2
227 0.2 0.2 0.2

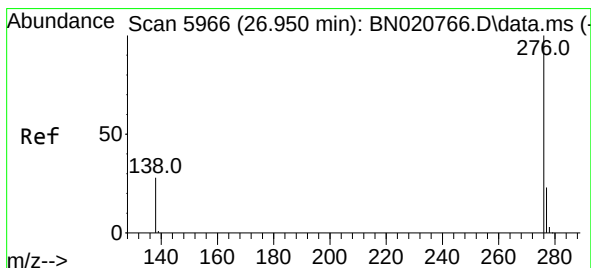
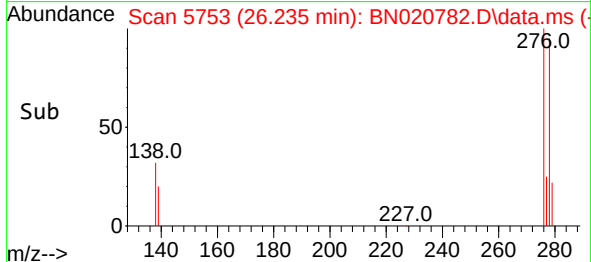
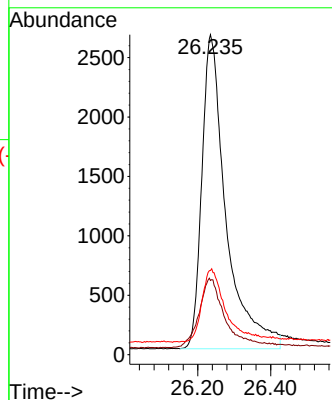
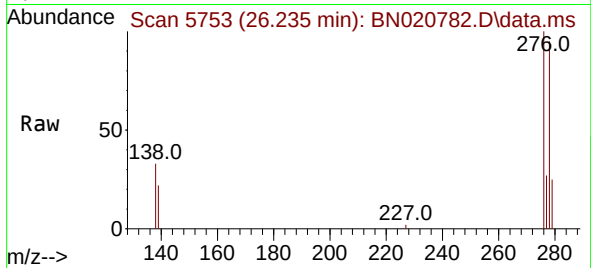




#28
Dibenzo(a,h)anthracene
Concen: 0.431 ng/ul
RT: 26.235 min Scan# 51
Delta R.T. 0.003 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.4395

Tgt Ion:278 Resp: 12196
Ion Ratio Lower Upper
278 100
139 23.2 18.8 28.2
279 26.3 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.480 ng/ul
RT: 26.956 min Scan# 5968
Delta R.T. 0.006 min
Lab File: BN020782.D
Acq: 19 Jul 2022 19:38

Tgt Ion:276 Resp: 14410
Ion Ratio Lower Upper
276 100
138 29.8 23.5 35.3
277 25.2 20.1 30.1

