

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
 Data File : BN022521.D
 Acq On : 07 Nov 2022 11:08
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4335

Quant Time: Nov 07 23:39:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 23:39:33 2022
 Response via : Initial Calibration

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

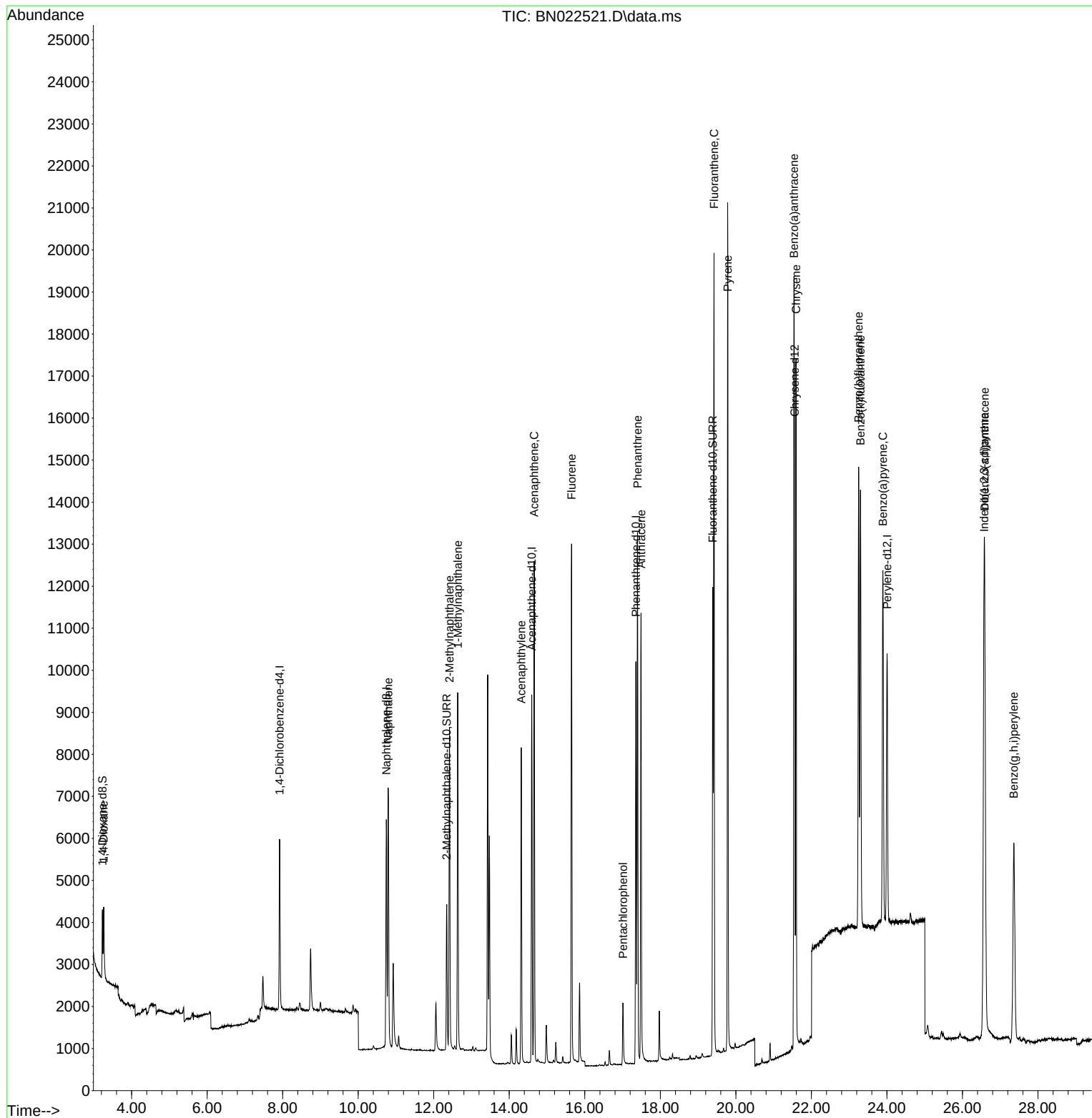
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	2225	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	7619	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.596	164	4839	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	10764	0.400	ng/ul	0.00
17) Chrysene-d12	21.556	240	9843	0.400	ng/ul	0.00
23) Perylene-d12	24.005	264	9317	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	1152	0.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	4703	0.408	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	11708	0.354	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.261	88	1207	0.407	ng/ul#	1
5) Naphthalene	10.794	128	9006	0.400	ng/ul	98
7) 2-Methylnaphthalene	12.417	142	5701	0.402	ng/ul	100
8) 1-Methylnaphthalene	12.637	142	5935	0.407	ng/ul	99
10) Acenaphthylene	14.318	152	8764	0.403	ng/ul	99
11) Acenaphthene	14.660	153	6841	0.373	ng/ul	100
12) Fluorene	15.650	166	8023	0.377	ng/ul	99
14) Pentachlorophenol	17.011	266	1152	0.450	ng/ul	99
15) Phenanthrene	17.395	178	13405	0.371	ng/ul	99
16) Anthracene	17.488	178	12018	0.395	ng/ul	99
19) Fluoranthene	19.421	202	15341	0.340	ng/ul	99
20) Pyrene	19.784	202	16099	0.355	ng/ul	98
21) Benzo(a)anthracene	21.538	228	14415	0.391	ng/ul	98
22) Chrysene	21.594	228	14125	0.361	ng/ul	98
24) Benzo(b)fluoranthene	23.251	252	14446	0.309	ng/ul	91
25) Benzo(k)fluoranthene	23.301	252	14542	0.320	ng/ul#	92
26) Benzo(a)pyrene	23.894	252	12795	0.343	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.571	276	16062	0.346	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.588	278	12816	0.346	ng/ul	93
29) Benzo(g,h,i)perylene	27.360	276	10878	0.288	ng/ul	97

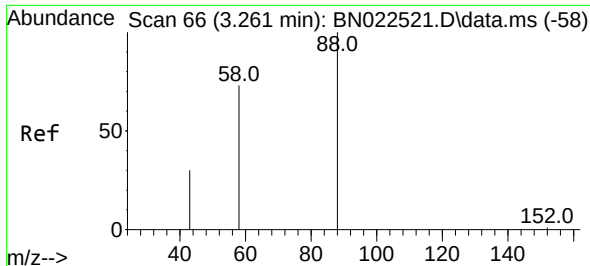
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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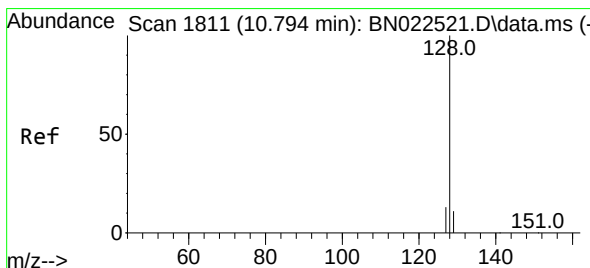
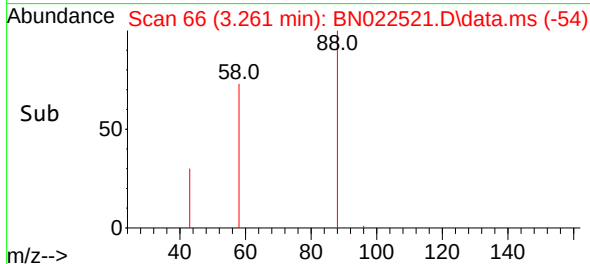
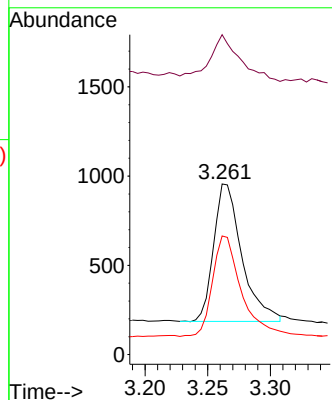
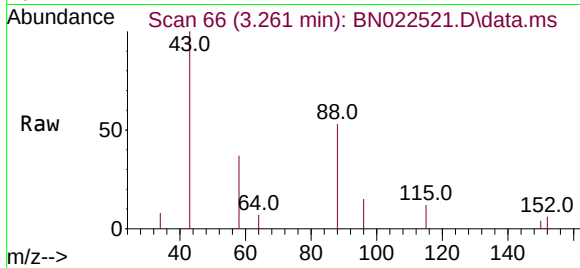




#2
1,4-Dioxane
Concen: 0.407 ng/ul
RT: 3.261 min Scan# 66
Delta R.T. 0.000 min
Lab File: BN022521.D
Acq: 07 Nov 2022 11:08

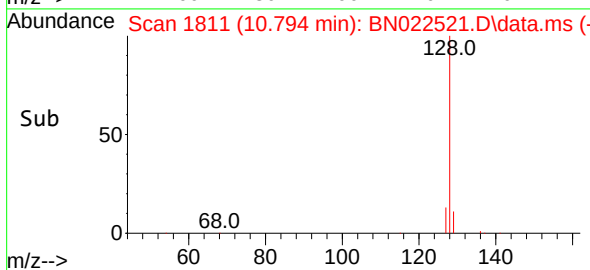
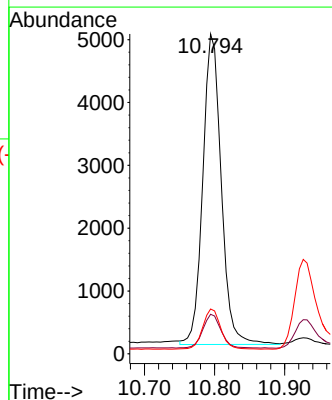
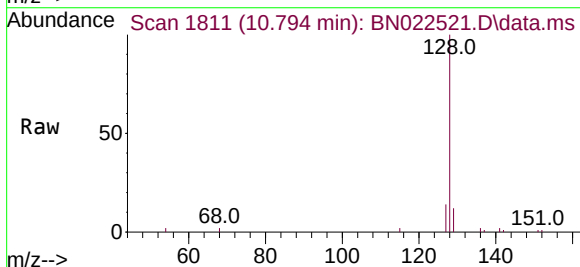
Instrument :
BNA_N
ClientSampleId :
SSTD0.4335

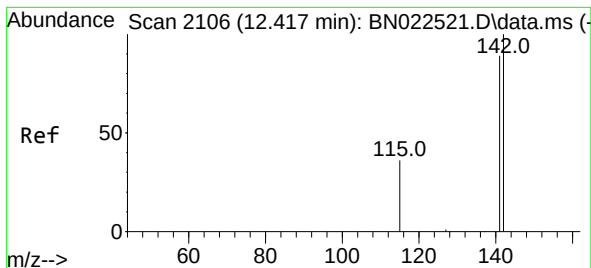
Tgt Ion: 88 Resp: 1207
Ion Ratio Lower Upper
88 100
43 187.6 27.4 41.2#
58 69.6 48.2 72.2



#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.794 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BN022521.D
Acq: 07 Nov 2022 11:08

Tgt Ion: 128 Resp: 9006
Ion Ratio Lower Upper
128 100
129 12.4 9.3 13.9
127 14.0 10.7 16.1

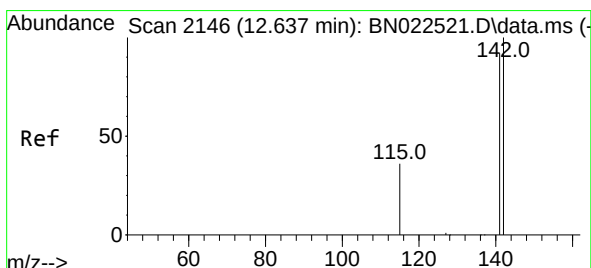
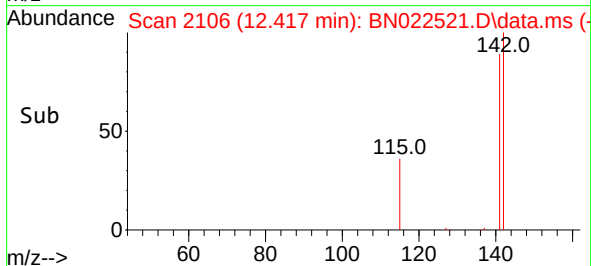
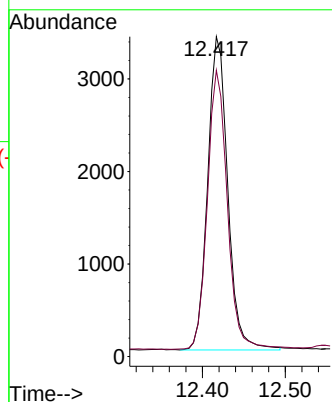
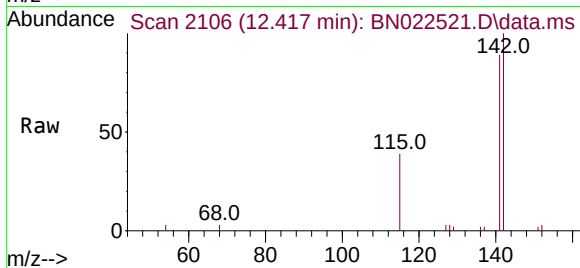




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.417 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN022521.D
Acq: 07 Nov 2022 11:08

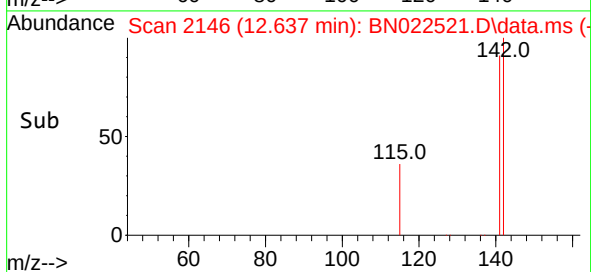
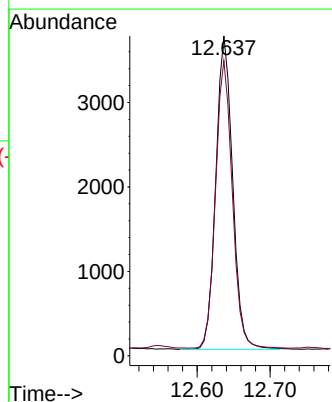
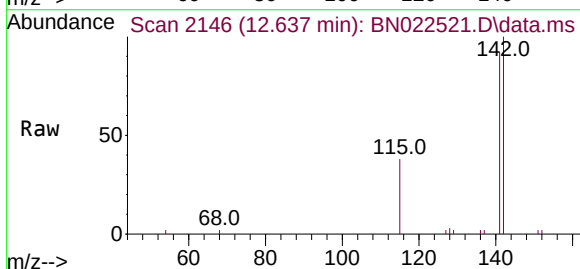
Instrument :
BNA_N
ClientSampleId :
SSTD0.4335

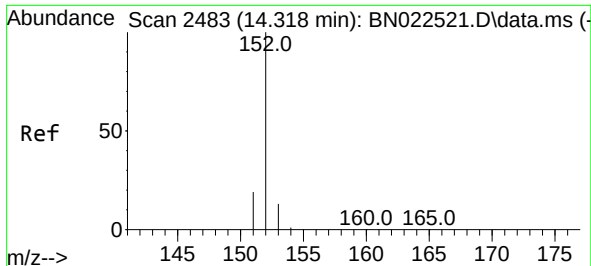
Tgt Ion:142 Resp: 5701
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.637 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BN022521.D
Acq: 07 Nov 2022 11:08

Tgt Ion:142 Resp: 5935
Ion Ratio Lower Upper
142 100
141 91.0 73.3 109.9

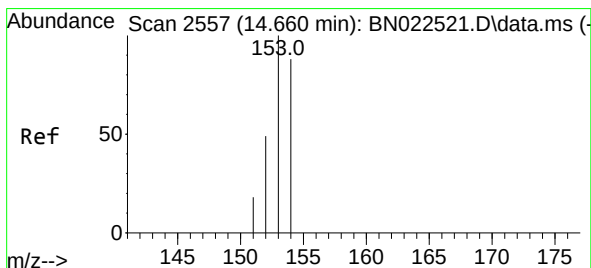
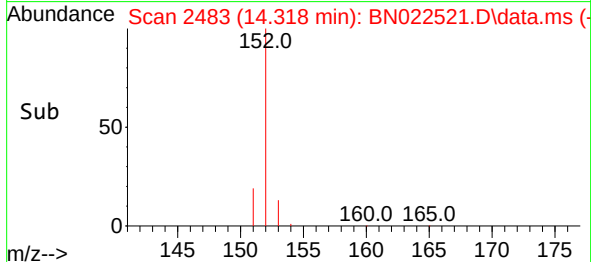
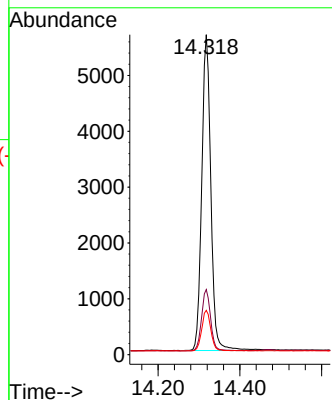
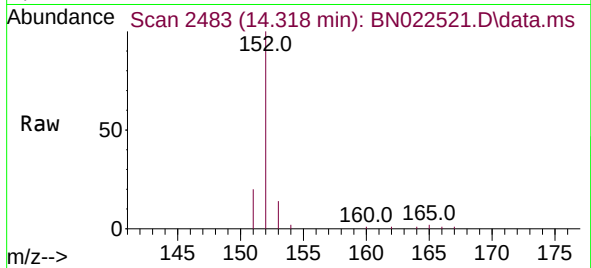




#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN022521.D
Acq: 07 Nov 2022 11:08

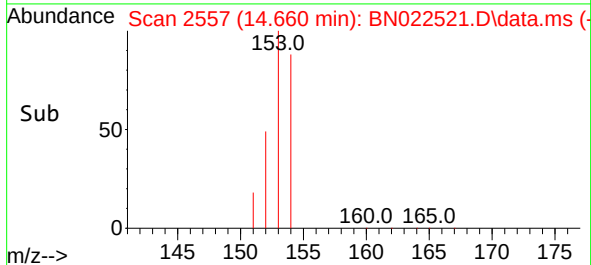
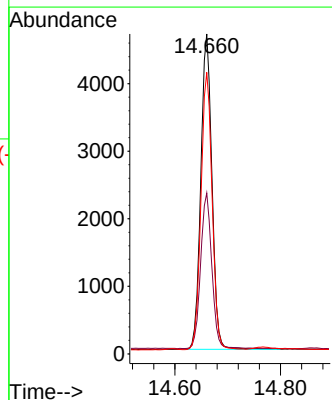
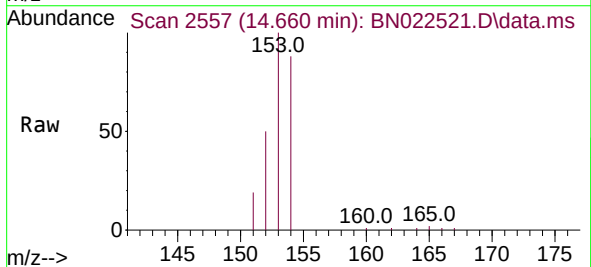
Instrument :
BNA_N
ClientSampleId :
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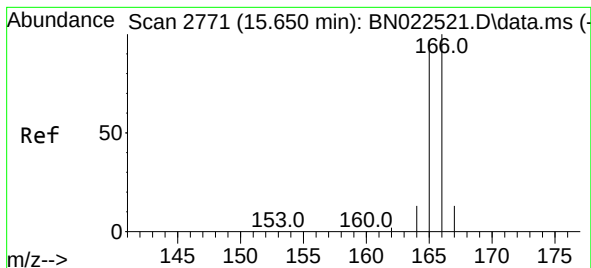
Tgt Ion:152 Resp: 8764
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.8 10.8 16.2



#11
Acenaphthene
Concen: 0.373 ng/ul
RT: 14.660 min Scan# 2557
Delta R.T. 0.000 min
Lab File: BN022521.D
Acq: 07 Nov 2022 11:08

Tgt Ion:153 Resp: 6841
Ion Ratio Lower Upper
153 100
152 50.3 40.6 61.0
154 88.0 70.6 106.0





#12

Fluorene

Concen: 0.377 ng/ul

RT: 15.650 min Scan# 2771

Delta R.T. 0.000 min

Lab File: BN022521.D

Acq: 07 Nov 2022 11:08

Instrument :

BNA_N

ClientSampleId :

SSTD0.4335

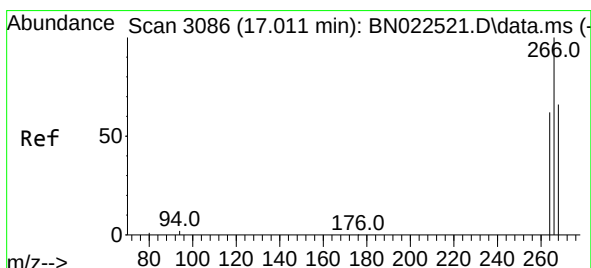
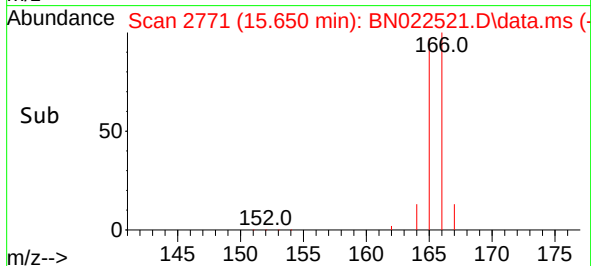
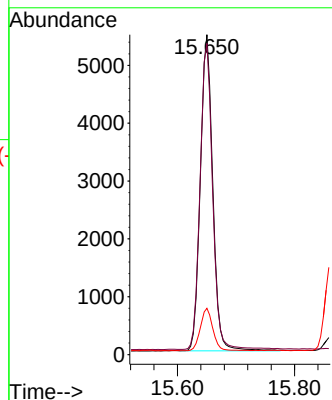
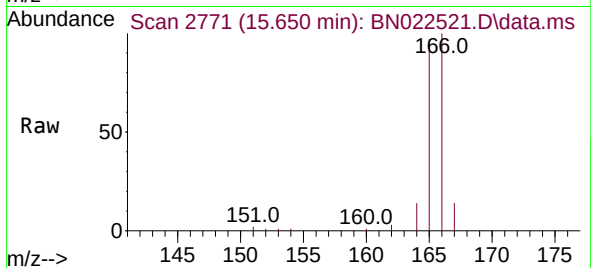
Tgt Ion:166 Resp: 8023

Ion Ratio Lower Upper

166 100

165 97.2 78.2 117.2

167 14.5 11.0 16.4



#14

Pentachlorophenol

Concen: 0.450 ng/ul

RT: 17.011 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BN022521.D

Acq: 07 Nov 2022 11:08

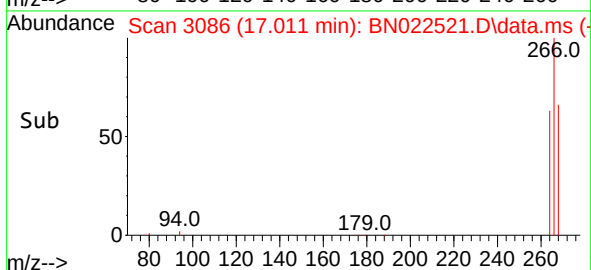
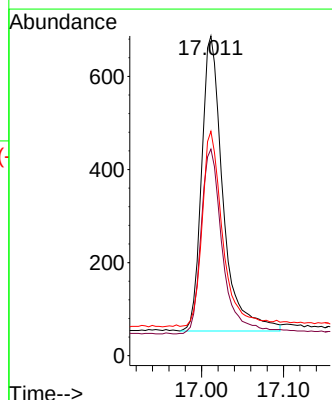
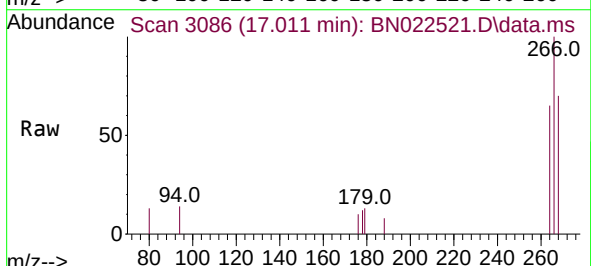
Tgt Ion:266 Resp: 1152

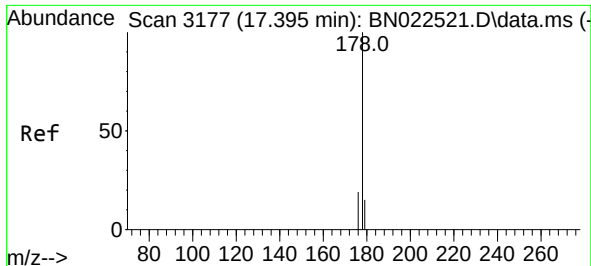
Ion Ratio Lower Upper

266 100

264 62.8 49.8 74.6

268 63.8 51.4 77.2

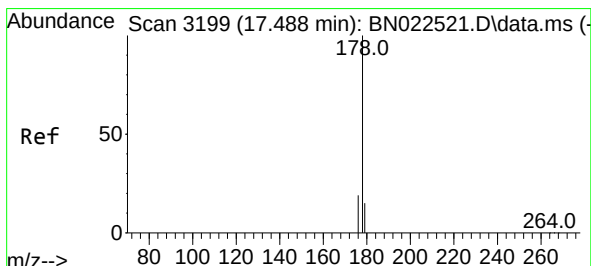
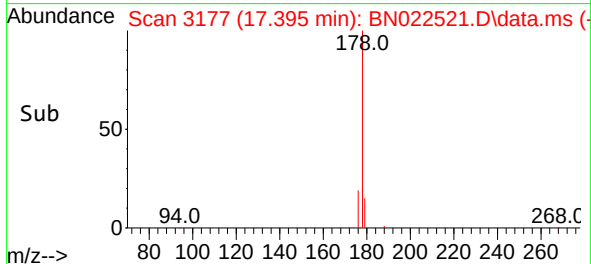
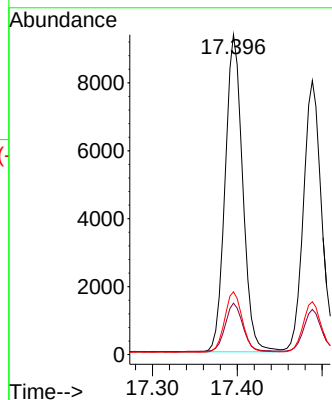
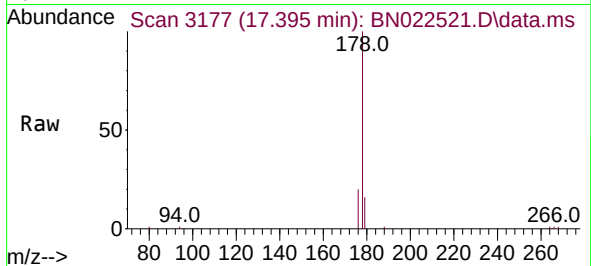




#15
Phenanthrene
Concen: 0.371 ng/ul
RT: 17.395 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BN022521.D
Acq: 07 Nov 2022 11:08

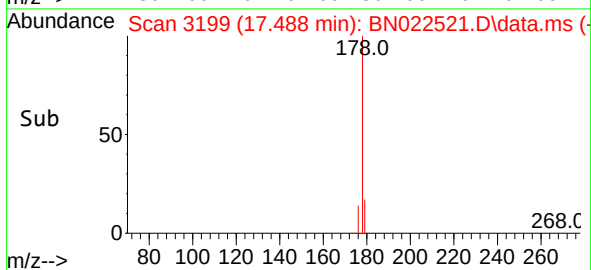
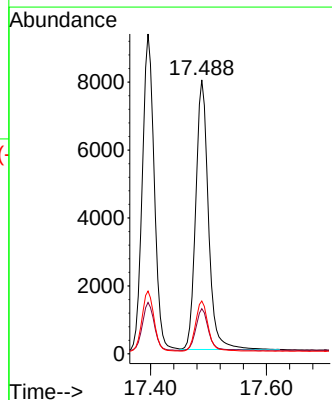
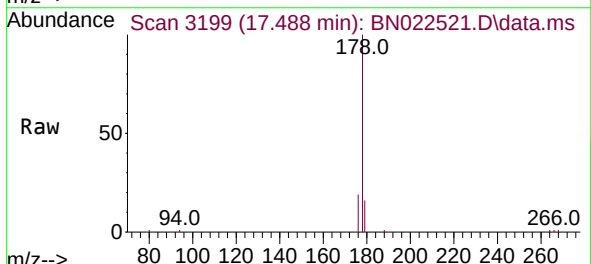
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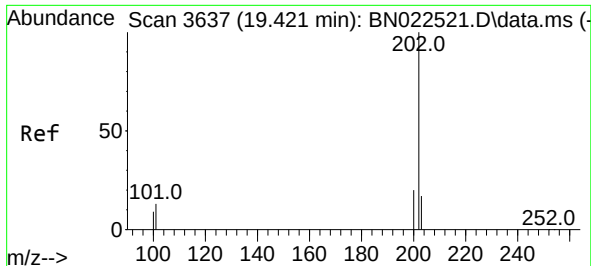
Tgt Ion:178 Resp: 13405
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 19.6 15.4 23.2



#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.488 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN022521.D
Acq: 07 Nov 2022 11:08

Tgt Ion:178 Resp: 12018
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 19.3 15.0 22.6

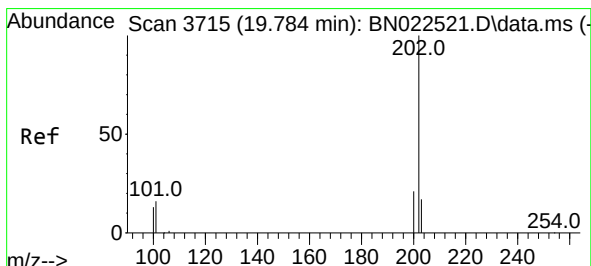
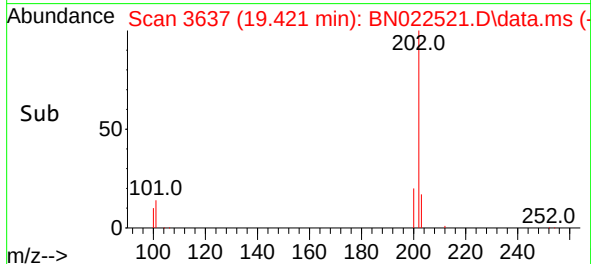
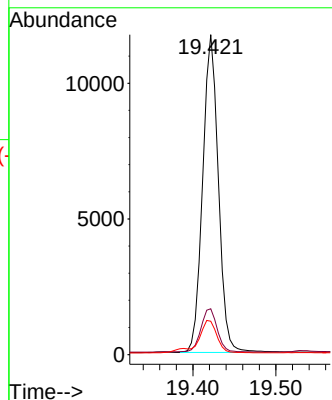
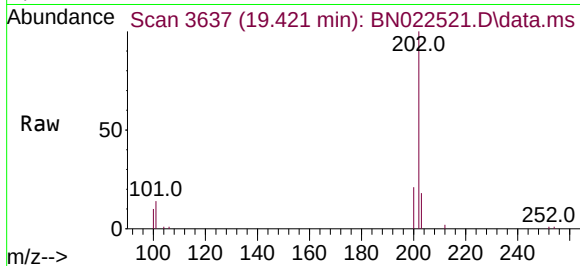




#19
Fluoranthene
Concen: 0.340 ng/ul
RT: 19.421 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN022521.D
Acq: 07 Nov 2022 11:08

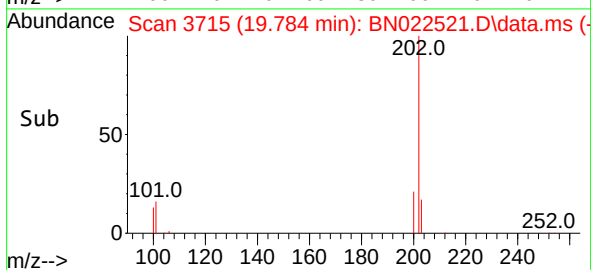
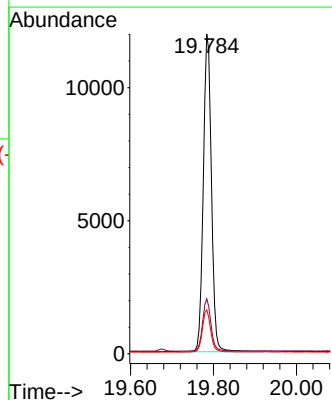
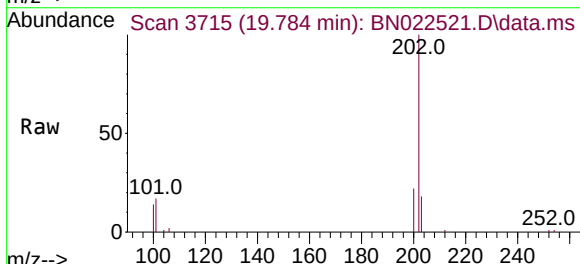
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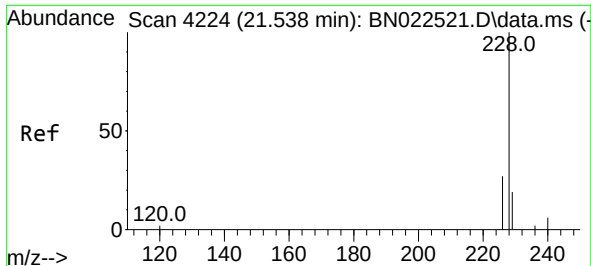
Tgt Ion:202 Resp: 15341
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 10.4 8.7 13.1



#20
Pyrene
Concen: 0.355 ng/ul
RT: 19.784 min Scan# 3715
Delta R.T. 0.000 min
Lab File: BN022521.D
Acq: 07 Nov 2022 11:08

Tgt Ion:202 Resp: 16099
Ion Ratio Lower Upper
202 100
101 17.2 13.1 19.7
100 13.8 10.6 16.0

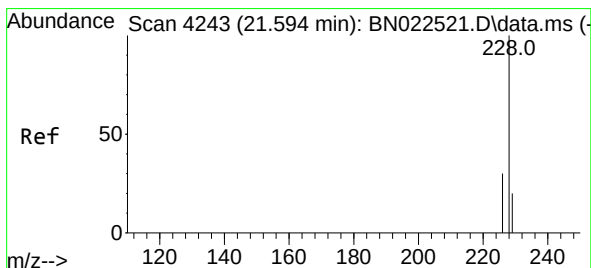
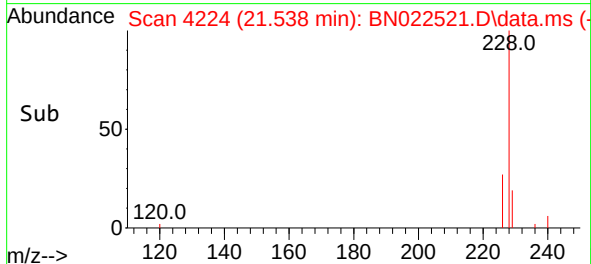
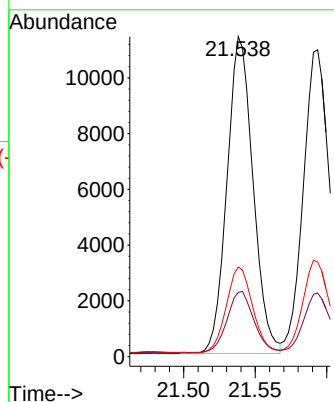
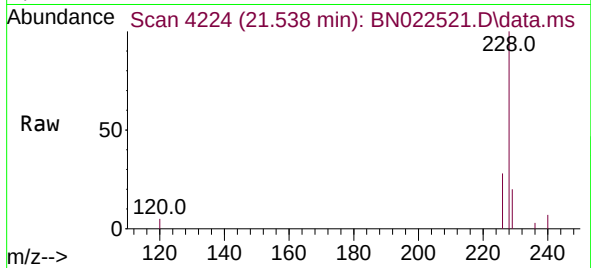




#21
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.538 min Scan# 4224
Delta R.T. 0.000 min
Lab File: BN022521.D
Acq: 07 Nov 2022 11:08

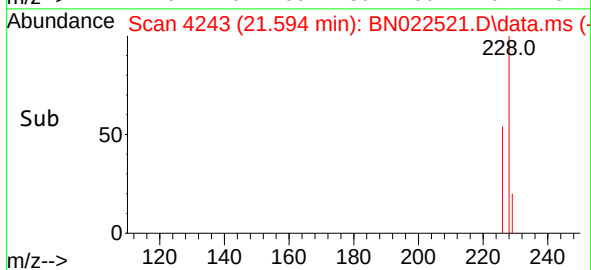
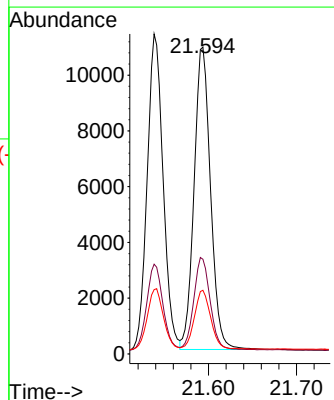
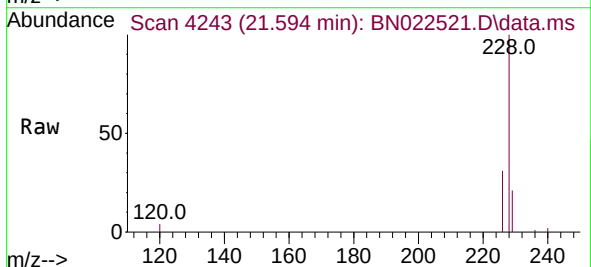
Instrument :
BNA_N
ClientSampleId :
SSTD0.4335

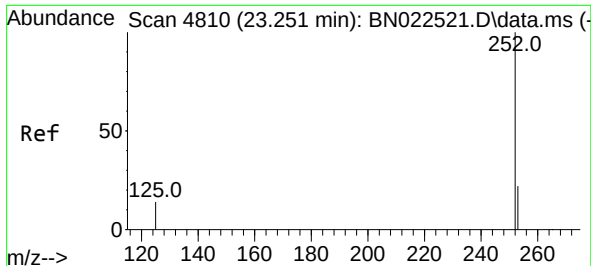
Tgt Ion:228 Resp: 14415
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 28.1 21.5 32.3



#22
Chrysene
Concen: 0.361 ng/ul
RT: 21.594 min Scan# 4243
Delta R.T. 0.000 min
Lab File: BN022521.D
Acq: 07 Nov 2022 11:08

Tgt Ion:228 Resp: 14125
Ion Ratio Lower Upper
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226 30.9 23.9 35.9
229 20.8 15.9 23.9

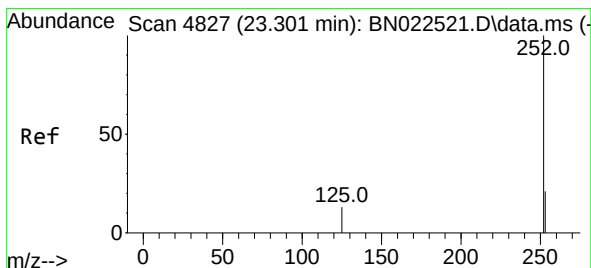
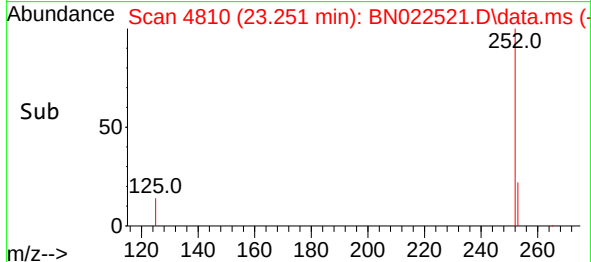
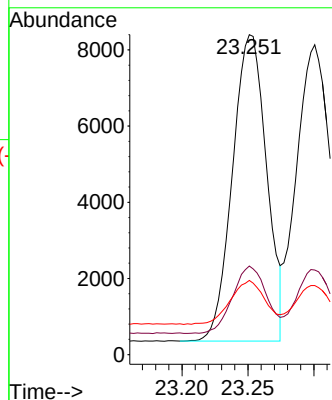
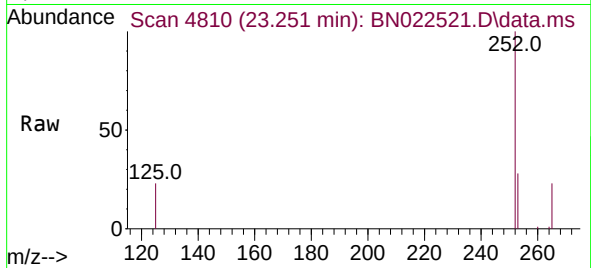




#24
Benzo(b)fluoranthene
Concen: 0.309 ng/ul
RT: 23.251 min Scan# 4810
Delta R.T. 0.000 min
Lab File: BN022521.D
Acq: 07 Nov 2022 11:08

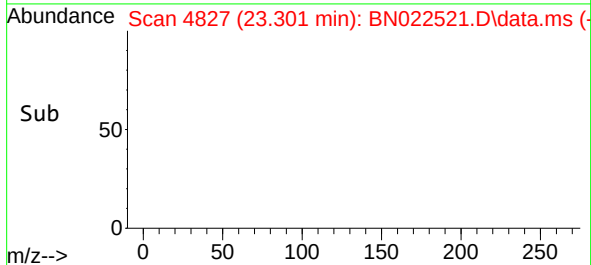
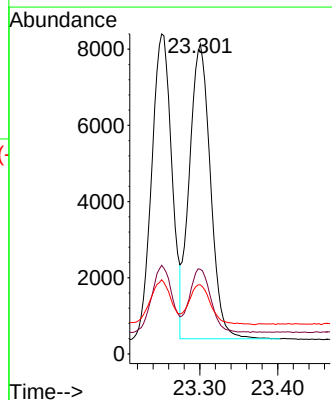
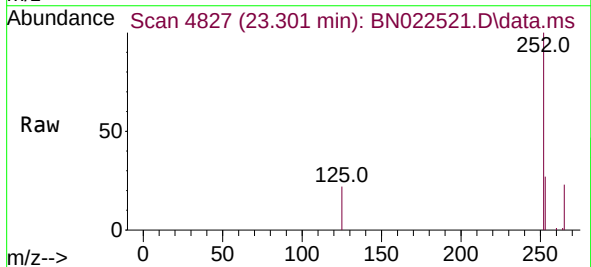
Instrument :
BNA_N
ClientSampleId :
SSTD0.4335

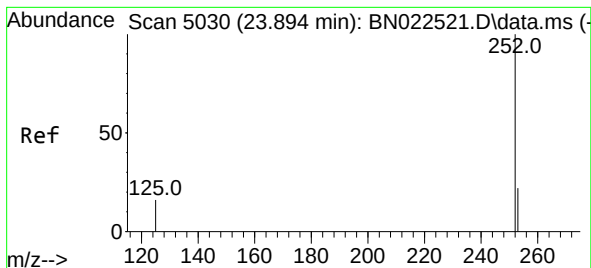
Tgt Ion:252 Resp: 14446
Ion Ratio Lower Upper
252 100
253 27.7 0.0 49.0
125 23.2 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.320 ng/ul
RT: 23.301 min Scan# 4827
Delta R.T. 0.000 min
Lab File: BN022521.D
Acq: 07 Nov 2022 11:08

Tgt Ion:252 Resp: 14542
Ion Ratio Lower Upper
252 100
253 27.3 19.7 29.5
125 22.3 14.0 21.0#





#26

Benzo(a)pyrene

Concen: 0.343 ng/ul

RT: 23.894 min Scan# 5030

Delta R.T. 0.000 min

Lab File: BN022521.D

Acq: 07 Nov 2022 11:08

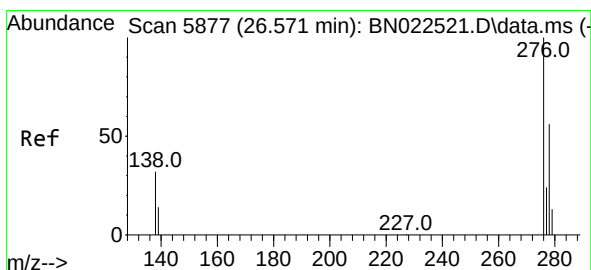
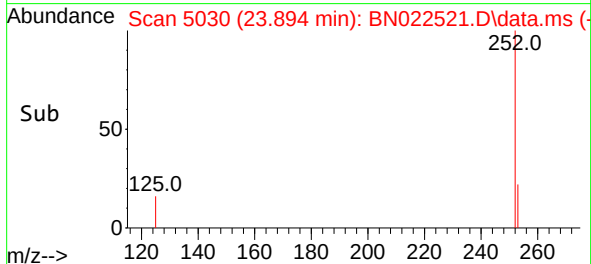
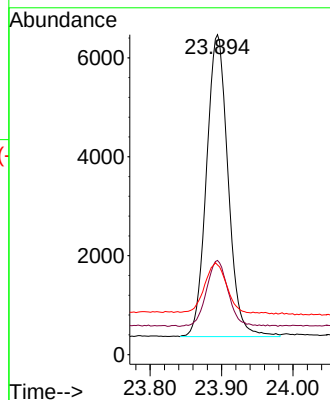
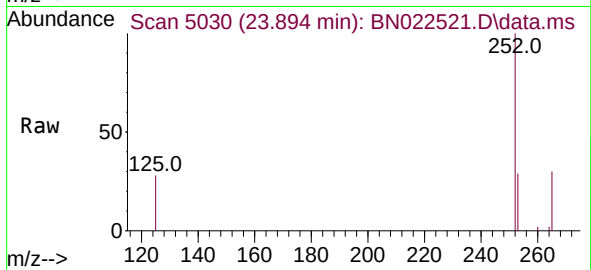
Instrument :

BNA_N

ClientSampleId :

SSTD0.4335

Tgt Ion:	252	Resp:	12795
Ion Ratio	Lower	Upper	
252	100		
253	29.4	21.0	31.6
125	28.0	17.9	26.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.346 ng/ul

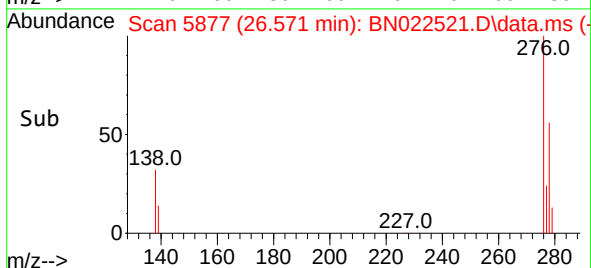
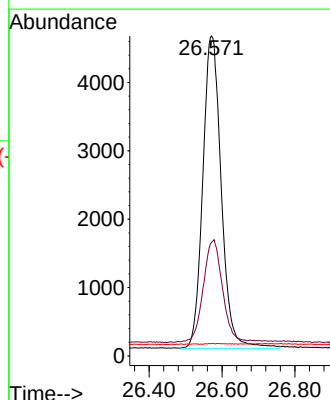
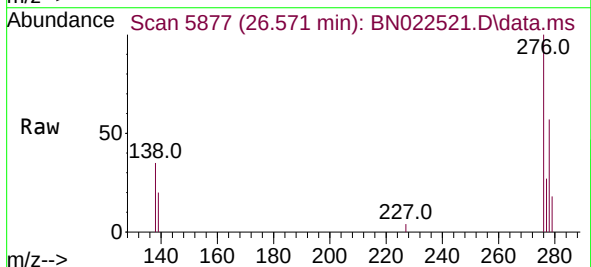
RT: 26.571 min Scan# 5877

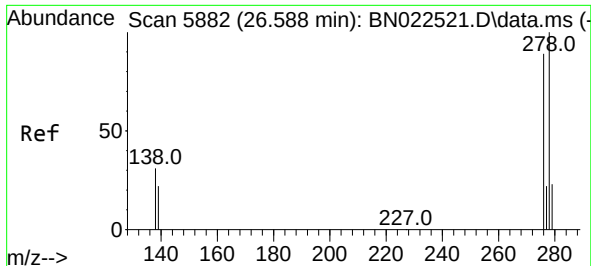
Delta R.T. 0.000 min

Lab File: BN022521.D

Acq: 07 Nov 2022 11:08

Tgt Ion:	276	Resp:	16062
Ion Ratio	Lower	Upper	
276	100		
138	33.7	27.7	41.5
227	0.1	0.2	0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.346 ng/ul

RT: 26.588 min Scan# 5882

Delta R.T. 0.000 min

Lab File: BN022521.D

Acq: 07 Nov 2022 11:08

Instrument :

BNA_N

ClientSampleId :

SSTD0.4335

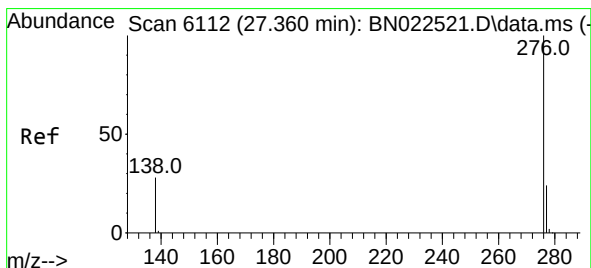
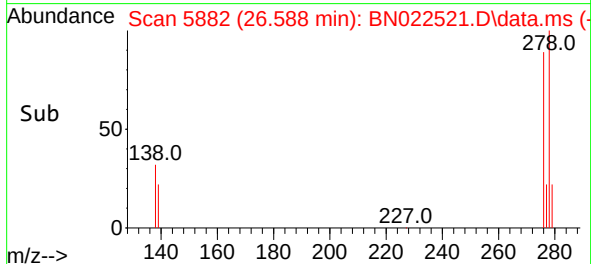
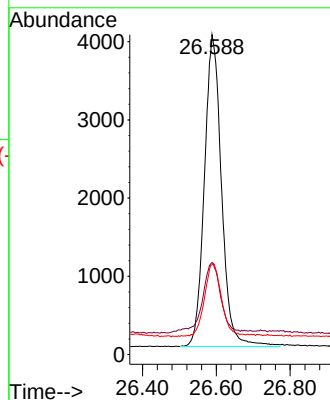
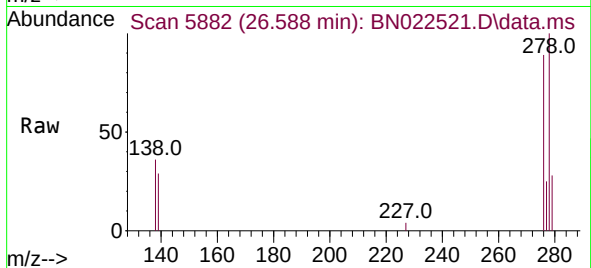
Tgt Ion:278 Resp: 12816

Ion Ratio Lower Upper

278 100

139 28.8 19.6 29.4

279 28.0 20.6 30.8



#29

Benzo(g,h,i)perylene

Concen: 0.288 ng/ul

RT: 27.360 min Scan# 6112

Delta R.T. 0.000 min

Lab File: BN022521.D

Acq: 07 Nov 2022 11:08

Tgt Ion:276 Resp: 10878

Ion Ratio Lower Upper

276 100

138 32.5 25.2 37.8

277 27.1 19.9 29.9

