

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103122\
 Data File : BN022412.D
 Acq On : 31 Oct 2022 22:31
 Operator : CG/JU
 Sample : N5144-03DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BK9DL

Quant Time: Nov 01 01:12:42 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 : Tue Nov 01 01:09:32 2022
 Response via : Initial Calibration

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

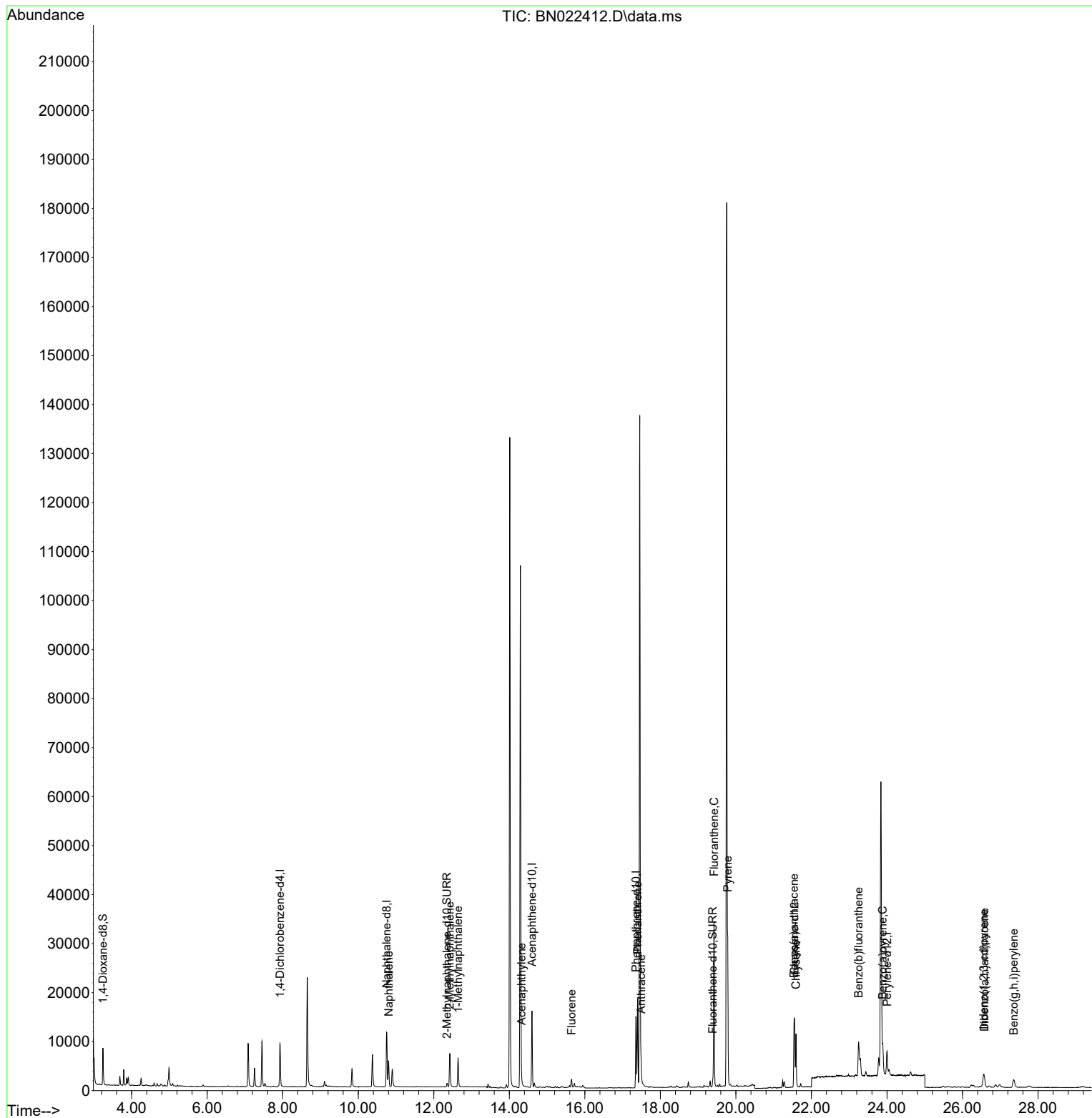
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	4734	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	15509	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.600	164	8492	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	16244	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	9395	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	6839	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	4837	0.786	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	1057	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	1762	0.056	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.805	128	7323	0.160	ng/ul	98
7) 2-Methylnaphthalene	12.428	142	5549	0.192	ng/ul	99
8) 1-Methylnaphthalene	12.642	142	4414	0.149	ng/ul	100
10) Acenaphthylene	14.323	152	1388	0.036	ng/ul#	80
12) Fluorene	15.650	166	939	0.025	ng/ul#	93
15) Phenanthrene	17.395	178	18853	0.346	ng/ul	100
16) Anthracene	17.488	178	3062	0.067	ng/ul#	93
19) Fluoranthene	19.421	202	28407	0.660	ng/ul	97
20) Pyrene	19.784	202	23410	0.542	ng/ul	99
21) Benzo(a)anthracene	21.538	228	10186	0.289	ng/ul	96
22) Chrysene	21.591	228	10749	0.288	ng/ul	97
24) Benzo(b)fluoranthene	23.251	252	16072	0.468	ng/ul	87
26) Benzo(a)pyrene	23.888	252	7039	0.257	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.565	276	4875	0.143	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.578	278	1305	0.048	ng/ul#	47
29) Benzo(g,h,i)perylene	27.356	276	3806	0.137	ng/ul	91

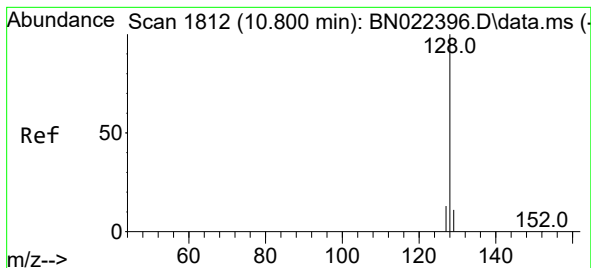
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.160 ng/ul

RT: 10.805 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BN022412.D

Acq: 31 Oct 2022 22:31

Instrument :

BNA_N

ClientSampleId :

C0BK9DL

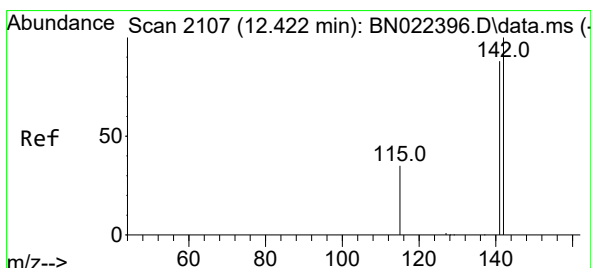
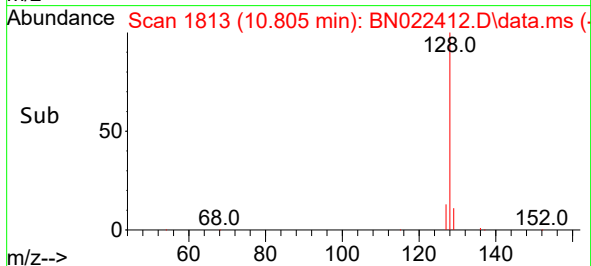
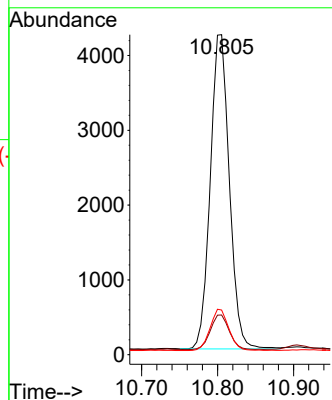
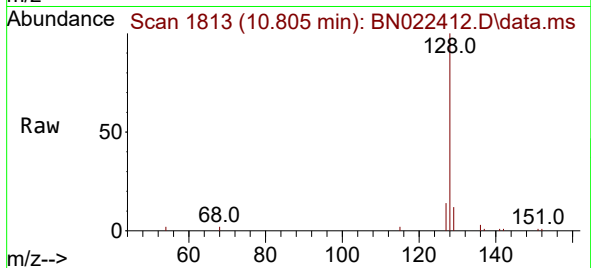
Tgt Ion:128 Resp: 7323

Ion Ratio Lower Upper

128 100

129 12.4 9.3 13.9

127 14.0 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.192 ng/ul

RT: 12.428 min Scan# 2108

Delta R.T. 0.006 min

Lab File: BN022412.D

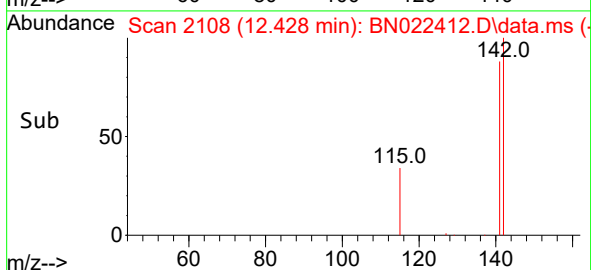
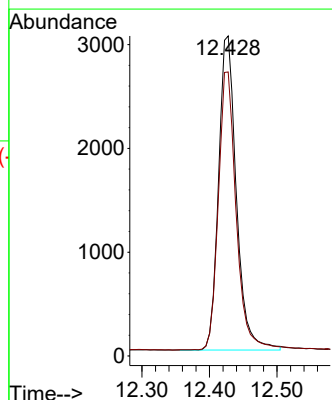
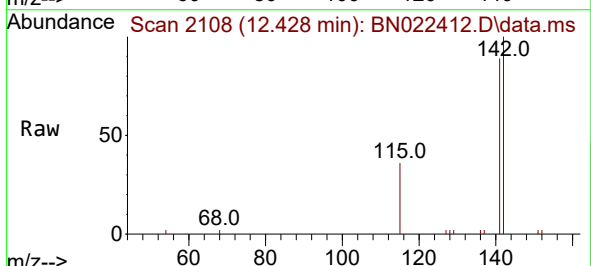
Acq: 31 Oct 2022 22:31

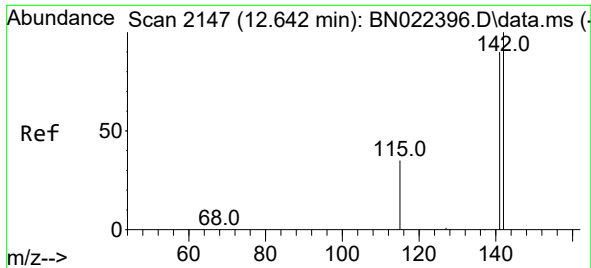
Tgt Ion:142 Resp: 5549

Ion Ratio Lower Upper

142 100

141 88.4 71.1 106.7

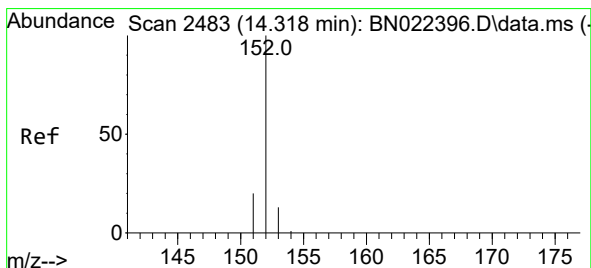
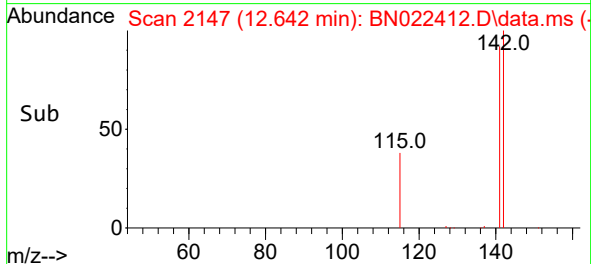
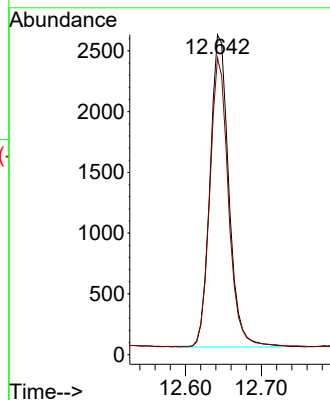
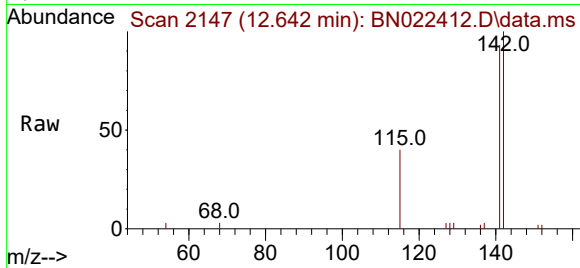




#8
1-Methylnaphthalene
Concen: 0.149 ng/ul
RT: 12.642 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BN022412.D
Acq: 31 Oct 2022 22:31

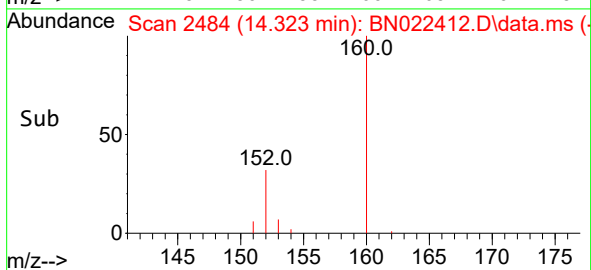
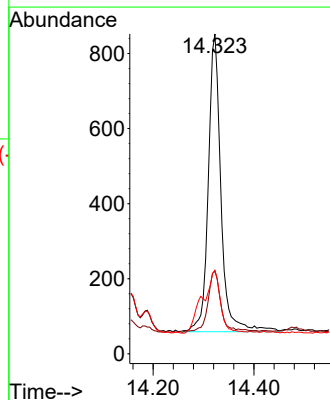
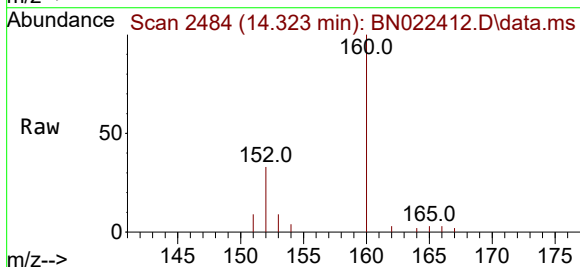
Instrument :
BNA_N
ClientSampleId :
C0BK9DL

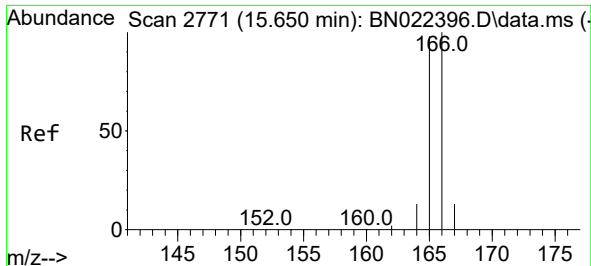
Tgt Ion:142 Resp: 4414
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9



#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.323 min Scan# 2484
Delta R.T. 0.005 min
Lab File: BN022412.D
Acq: 31 Oct 2022 22:31

Tgt Ion:152 Resp: 1388
Ion Ratio Lower Upper
152 100
151 25.8 15.9 23.9#
153 26.2 10.8 16.2#

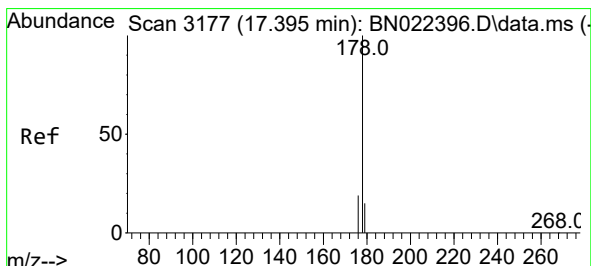
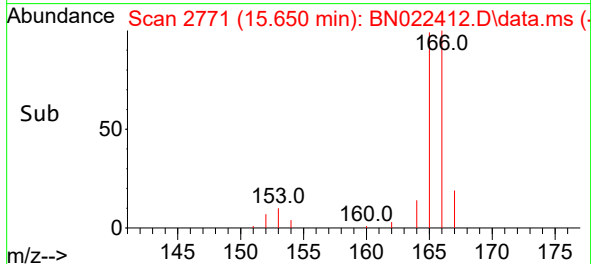
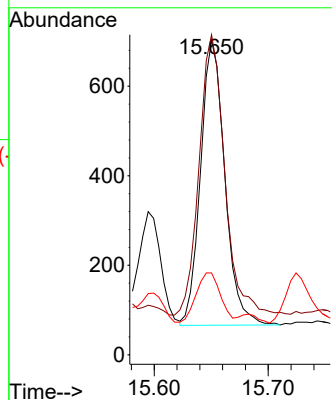
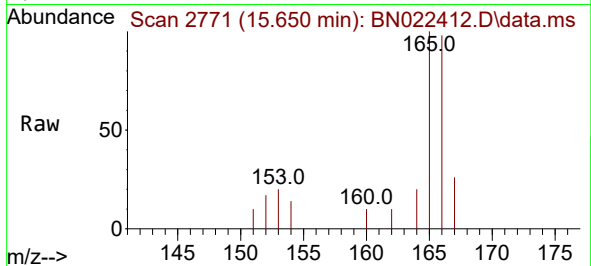




#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.650 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022412.D
Acq: 31 Oct 2022 22:31

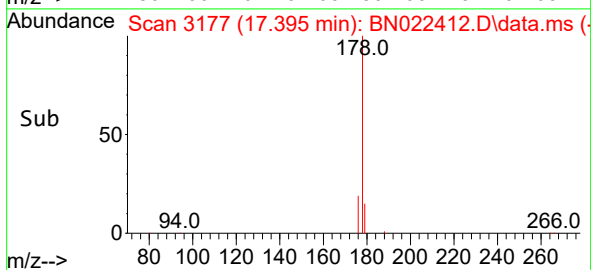
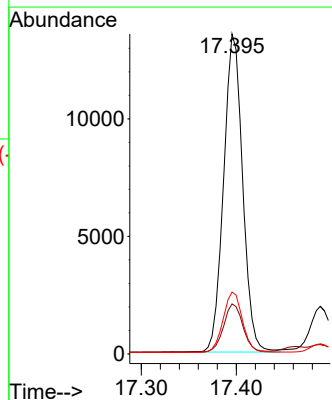
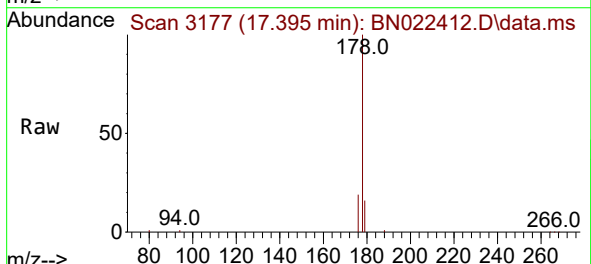
Instrument :
BNA_N
ClientSampleId :
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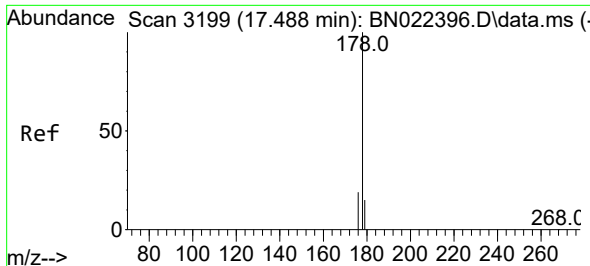
Tgt Ion:166 Resp: 939
Ion Ratio Lower Upper
166 100
165 101.7 78.2 117.2
167 26.0 11.0 16.4#



#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.395 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BN022412.D
Acq: 31 Oct 2022 22:31

Tgt Ion:178 Resp: 18853
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.3 15.4 23.2

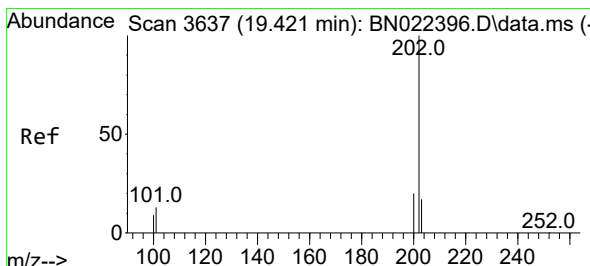
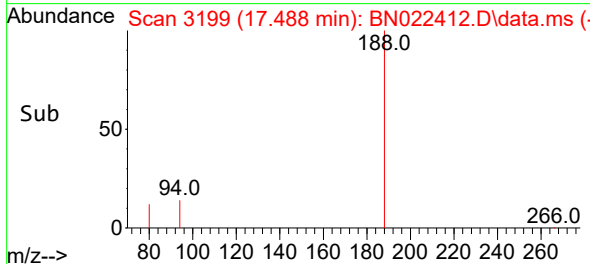
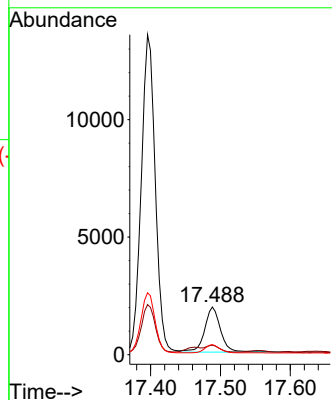
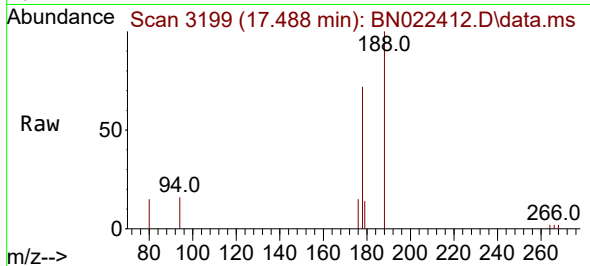




#16
 Anthracene
 Concen: 0.067 ng/ul
 RT: 17.488 min Scan# 3199
 Delta R.T. 0.000 min
 Lab File: BN022412.D
 Acq: 31 Oct 2022 22:31

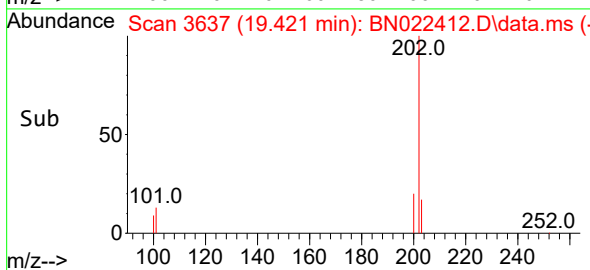
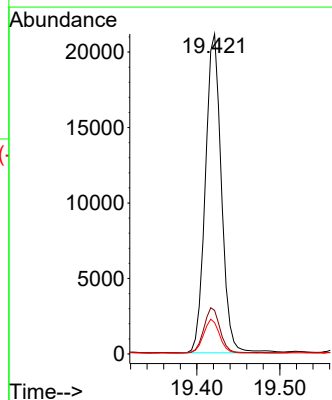
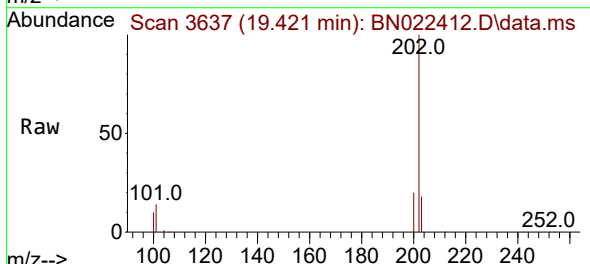
Instrument :
 BNA_N
 ClientSampleId :
 C0BK9DL

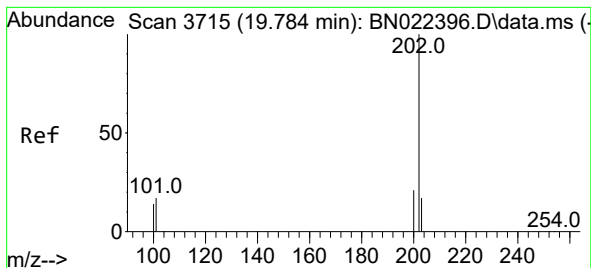
Tgt Ion:178 Resp: 3062
 Ion Ratio Lower Upper
 178 100
 179 20.0 12.6 18.8#
 176 21.2 15.0 22.6



#19
 Fluoranthene
 Concen: 0.660 ng/ul
 RT: 19.421 min Scan# 3637
 Delta R.T. 0.000 min
 Lab File: BN022412.D
 Acq: 31 Oct 2022 22:31

Tgt Ion:202 Resp: 28407
 Ion Ratio Lower Upper
 202 100
 101 13.6 11.8 17.6
 100 9.8 8.7 13.1





#20

Pyrene

Concen: 0.542 ng/ul

RT: 19.784 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN022412.D

Acq: 31 Oct 2022 22:31

Instrument :

BNA_N

ClientSampleId :

C0BK9DL

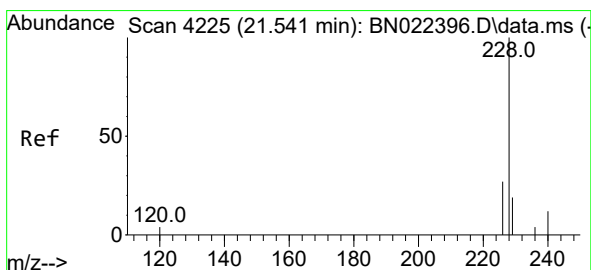
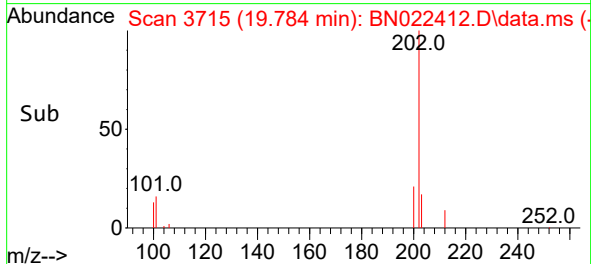
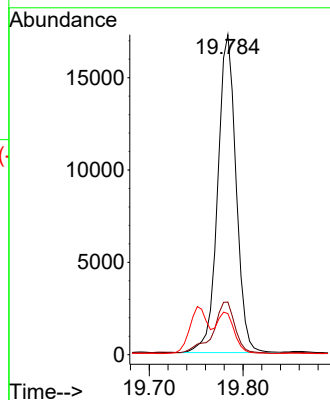
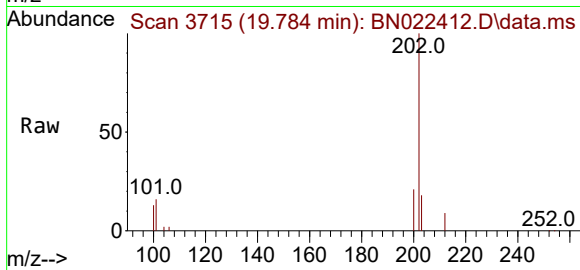
Tgt Ion:202 Resp: 23410

Ion Ratio Lower Upper

202 100

101 16.4 13.1 19.7

100 12.9 10.6 16.0



#21

Benzo(a)anthracene

Concen: 0.289 ng/ul

RT: 21.538 min Scan# 4224

Delta R.T. -0.003 min

Lab File: BN022412.D

Acq: 31 Oct 2022 22:31

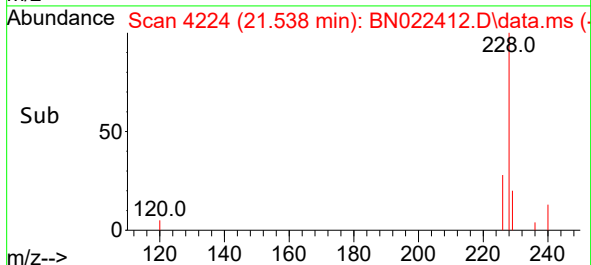
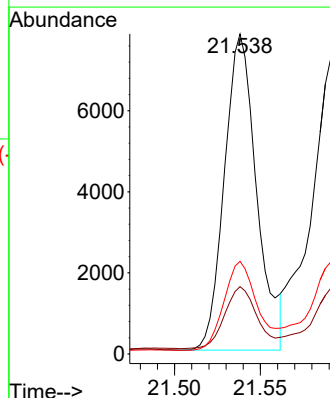
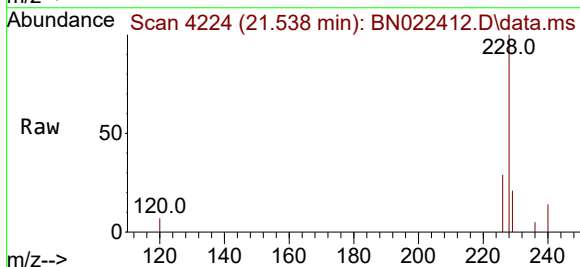
Tgt Ion:228 Resp: 10186

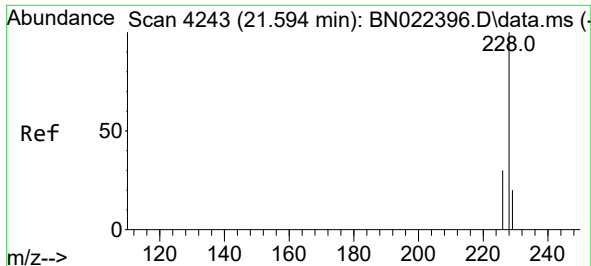
Ion Ratio Lower Upper

228 100

229 21.0 15.7 23.5

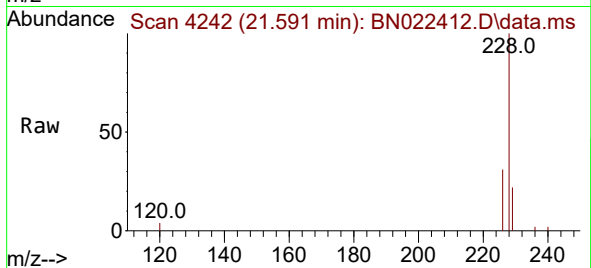
226 28.9 21.5 32.3



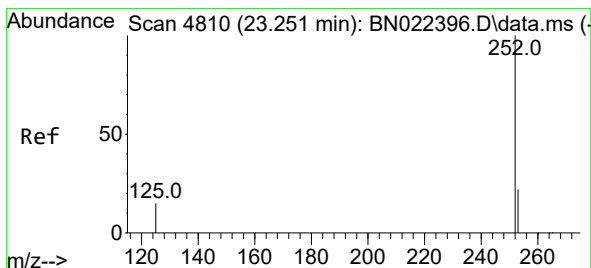
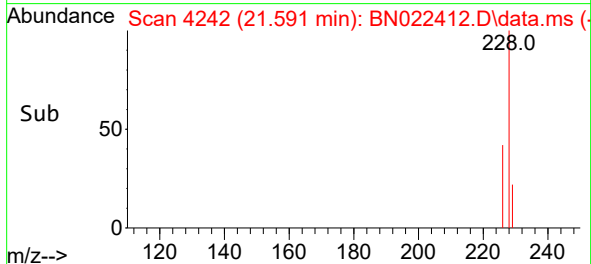
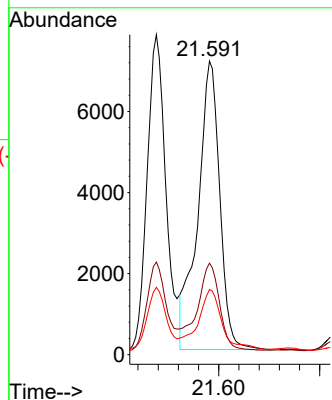


#22
Chrysene
Concen: 0.288 ng/ul
RT: 21.591 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN022412.D
Acq: 31 Oct 2022 22:31

Instrument :
BNA_N
ClientSampleId :
C0BK9DL

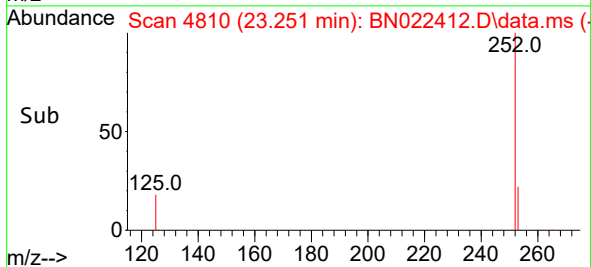
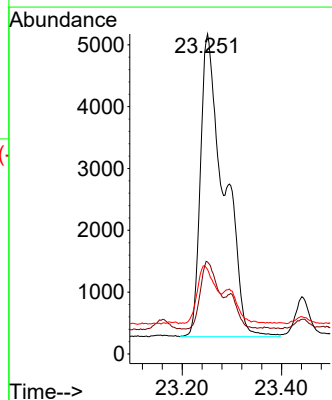
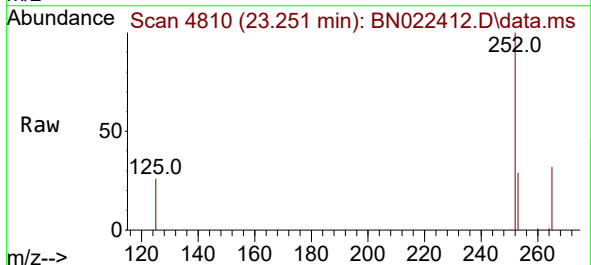


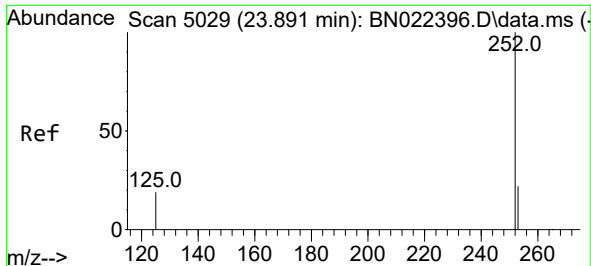
Tgt Ion:228 Resp: 10749
Ion Ratio Lower Upper
228 100
226 31.2 23.9 35.9
229 22.2 15.9 23.9



#24
Benzo(b)fluoranthene
Concen: 0.468 ng/ul
RT: 23.251 min Scan# 4810
Delta R.T. 0.000 min
Lab File: BN022412.D
Acq: 31 Oct 2022 22:31

Tgt Ion:252 Resp: 16072
Ion Ratio Lower Upper
252 100
253 28.7 0.0 49.0
125 26.4 0.0 35.2

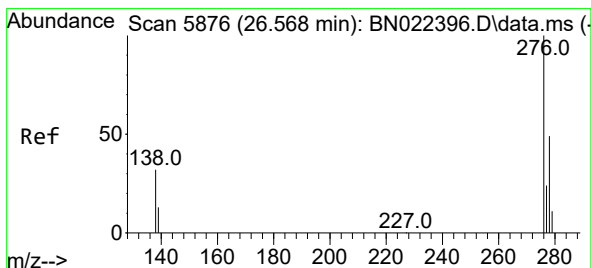
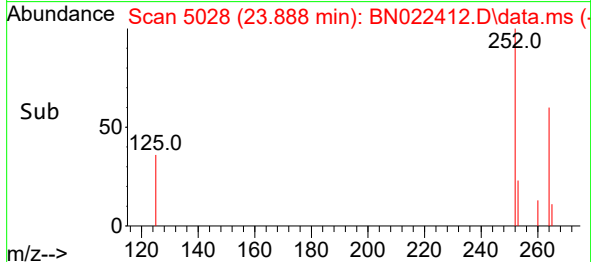
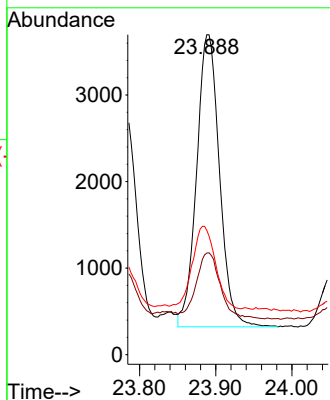
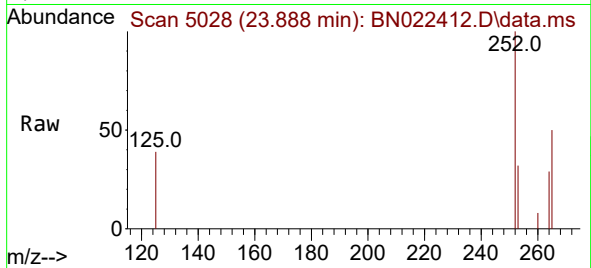




#26
Benzo(a)pyrene
Concen: 0.257 ng/ul
RT: 23.888 min Scan# 5029
Delta R.T. -0.003 min
Lab File: BN022412.D
Acq: 31 Oct 2022 22:31

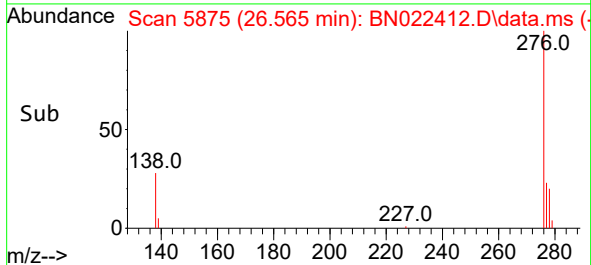
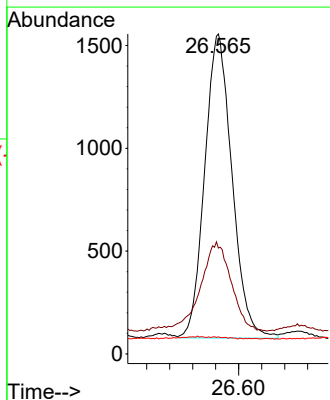
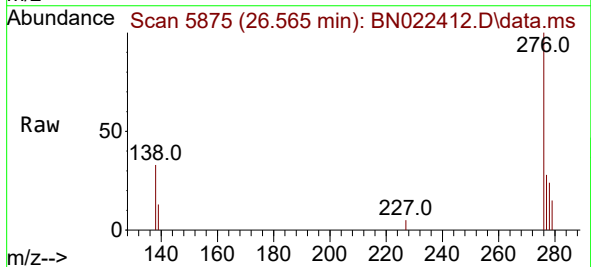
Instrument :
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C0BK9DL

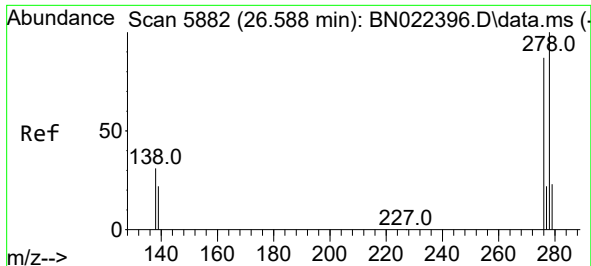
Tgt Ion:252 Resp: 7039
Ion Ratio Lower Upper
252 100
253 31.7 21.0 31.6#
125 38.9 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.143 ng/ul
RT: 26.565 min Scan# 5875
Delta R.T. -0.003 min
Lab File: BN022412.D
Acq: 31 Oct 2022 22:31

Tgt Ion:276 Resp: 4875
Ion Ratio Lower Upper
276 100
138 32.5 27.7 41.5
227 0.0 0.2 0.2#

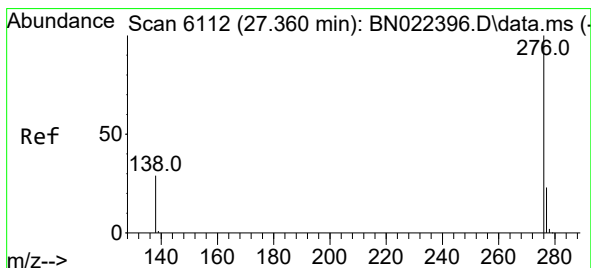
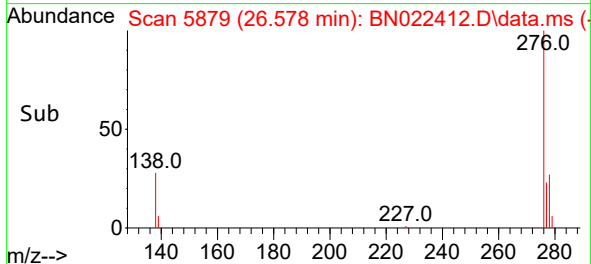
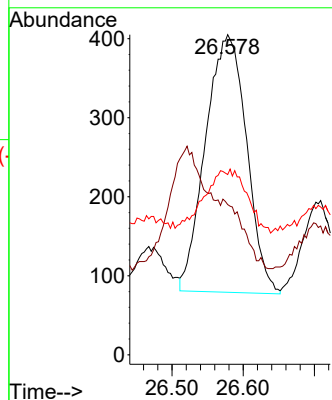
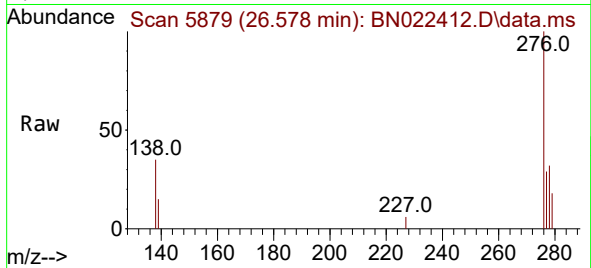




#28
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul
RT: 26.578 min Scan# 5882
Delta R.T. -0.010 min
Lab File: BN022412.D
Acq: 31 Oct 2022 22:31

Instrument :
BNA_N
ClientSampleId :
C0BK9DL

Tgt Ion:278 Resp: 1305
Ion Ratio Lower Upper
278 100
139 46.9 19.6 29.4#
279 56.3 20.6 30.8#



#29
Benzo(g,h,i)perylene
Concen: 0.137 ng/ul
RT: 27.356 min Scan# 6111
Delta R.T. -0.003 min
Lab File: BN022412.D
Acq: 31 Oct 2022 22:31

Tgt Ion:276 Resp: 3806
Ion Ratio Lower Upper
276 100
138 36.8 25.2 37.8
277 28.8 19.9 29.9

