

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103122\
 Data File : BN022398.D
 Acq On : 31 Oct 2022 11:49
 Operator : CG/JU
 Sample : N5144-03DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BK9DL

Quant Time: Nov 01 01:11:12 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)

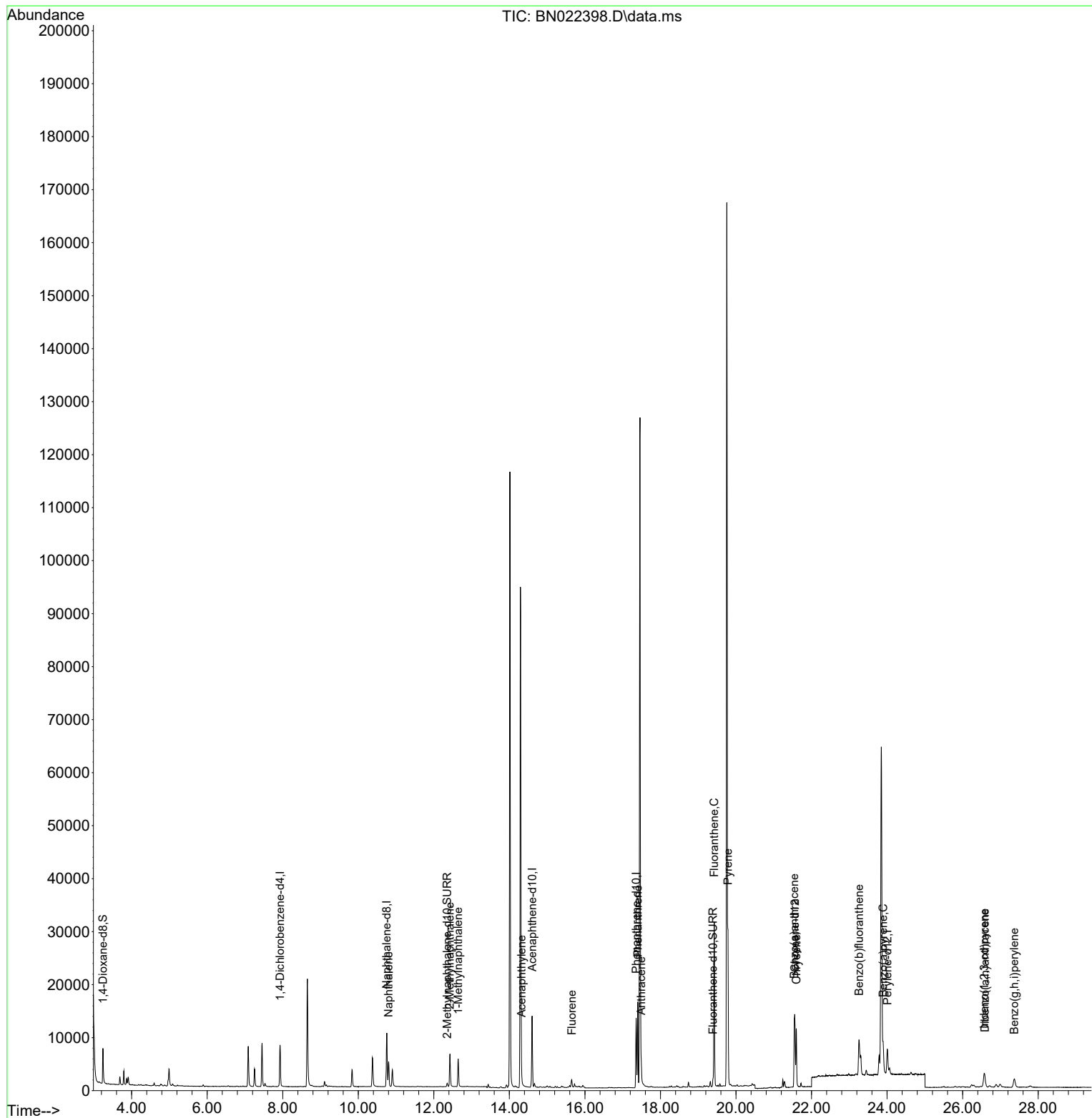
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	4236	0.400	ng/ul	0.00
4) Naphthalene-d8	10.755	136	13694	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	7487	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.356	188	14697	0.400	ng/ul	0.00
17) Chrysene-d12	21.559	240	9492	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	6814	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	4369	0.794	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.355	152	941	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.392	212	1640	0.051	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.804	128	6471	0.160	ng/ul	97
7) 2-Methylnaphthalene	12.426	142	4827	0.189	ng/ul	100
8) 1-Methylnaphthalene	12.646	142	3866	0.147	ng/ul	99
10) Acenaphthylene	14.321	152	1236	0.037	ng/ul#	80
12) Fluorene	15.654	166	824	0.025	ng/ul#	92
15) Phenanthrene	17.398	178	16986	0.344	ng/ul	100
16) Anthracene	17.491	178	2860	0.069	ng/ul#	94
19) Fluoranthene	19.425	202	26308	0.605	ng/ul	98
20) Pyrene	19.787	202	22279	0.510	ng/ul	99
21) Benzo(a)anthracene	21.542	228	9845	0.277	ng/ul	97
22) Chrysene	21.597	228	11014	0.292	ng/ul	97
24) Benzo(b)fluoranthene	23.260	252	16178	0.473	ng/ul	89
26) Benzo(a)pyrene	23.898	252	7028	0.258	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.572	276	4619	0.136	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.592	278	1265	0.047	ng/ul#	47
29) Benzo(g,h,i)perylene	27.370	276	3653	0.132	ng/ul	92

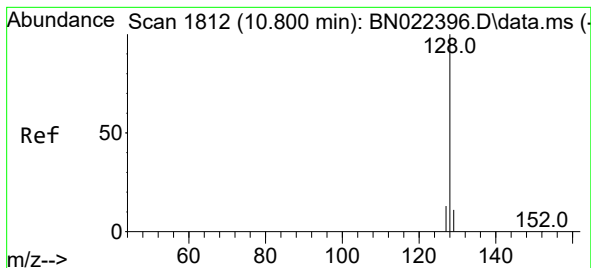
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.160 ng/ul

RT: 10.804 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN022398.D

Acq: 31 Oct 2022 11:49

Instrument :

BNA_N

ClientSampleId :

C0BK9DL

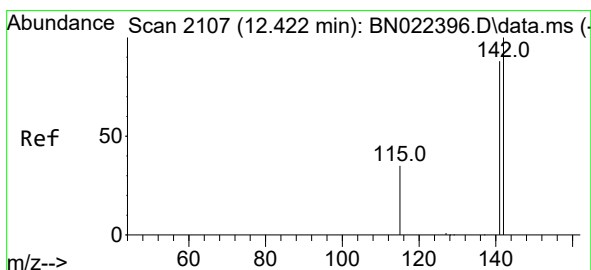
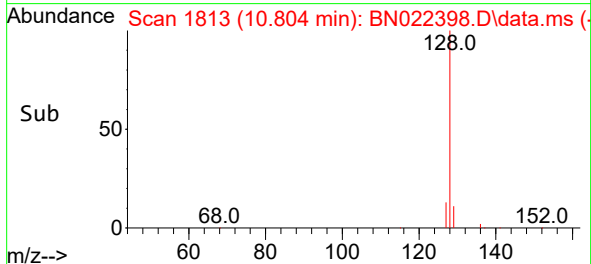
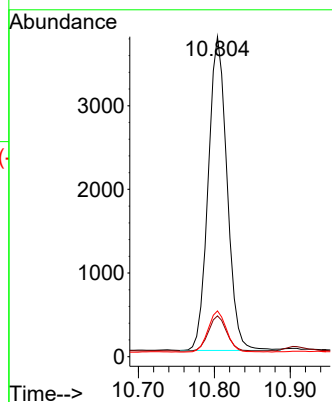
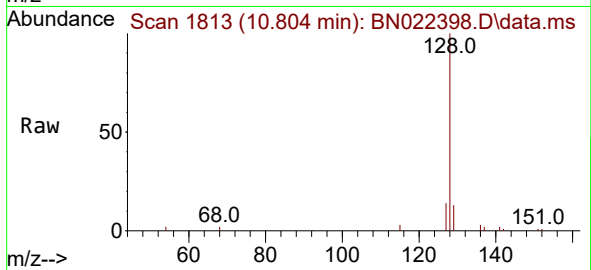
Tgt Ion:128 Resp: 6471

Ion Ratio Lower Upper

128 100

129 12.7 9.3 13.9

127 14.3 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.189 ng/ul

RT: 12.426 min Scan# 2108

Delta R.T. 0.004 min

Lab File: BN022398.D

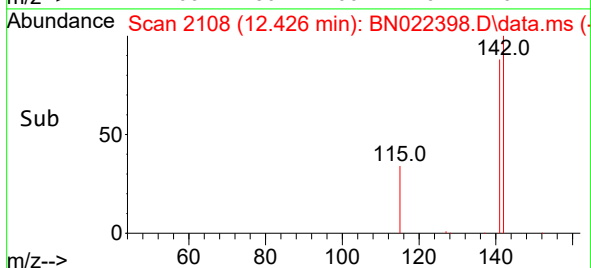
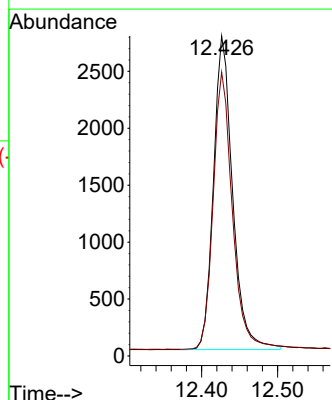
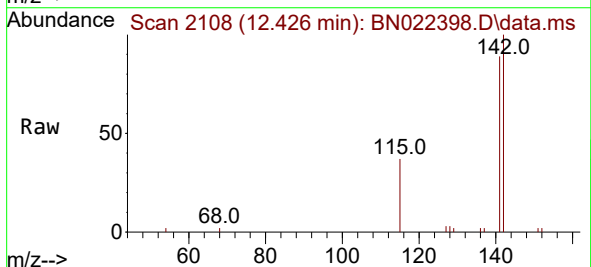
Acq: 31 Oct 2022 11:49

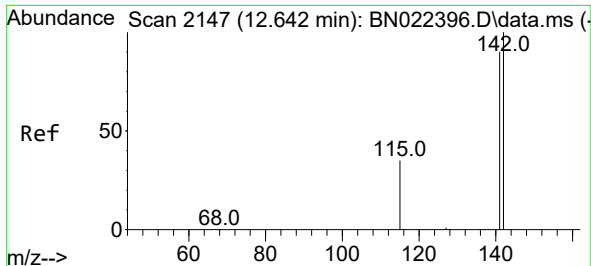
Tgt Ion:142 Resp: 4827

Ion Ratio Lower Upper

142 100

141 88.6 71.1 106.7

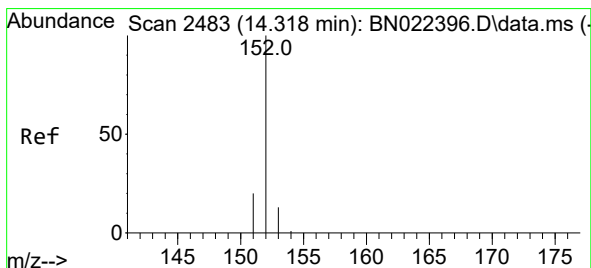
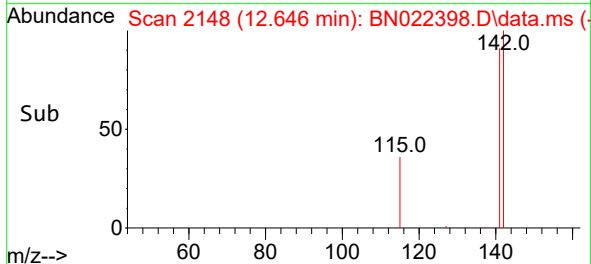
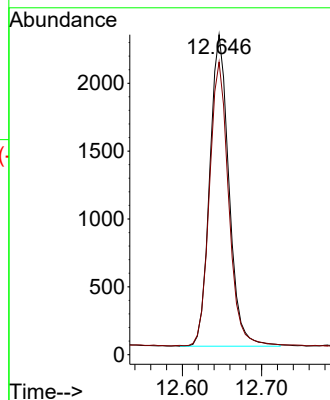
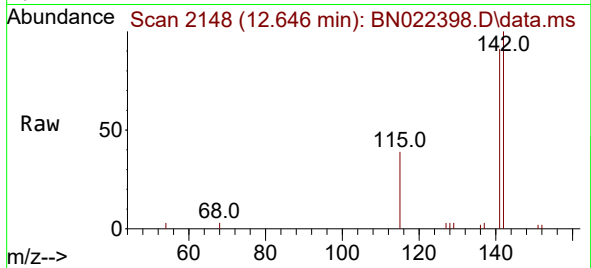




#8
1-Methylnaphthalene
Concen: 0.147 ng/ul
RT: 12.646 min Scan# 2147
Delta R.T. 0.004 min
Lab File: BN022398.D
Acq: 31 Oct 2022 11:49

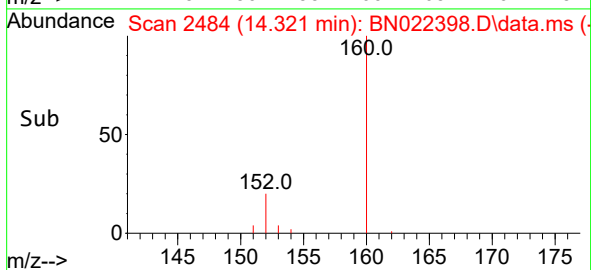
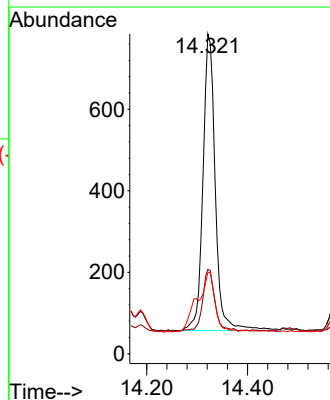
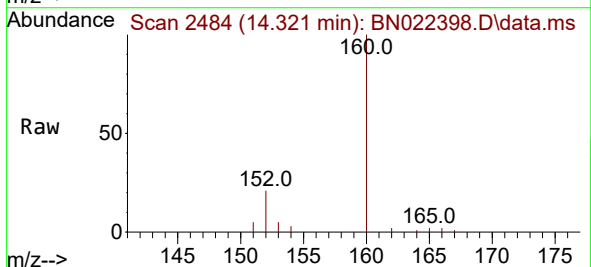
Instrument :
BNA_N
ClientSampleId :
C0BK9DL

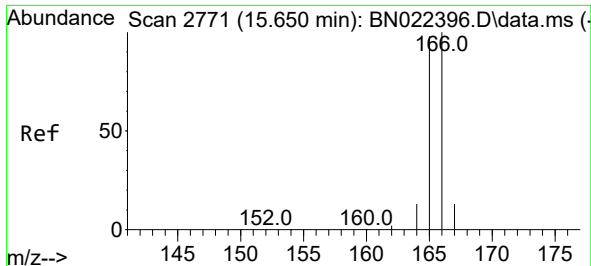
Tgt Ion:142 Resp: 3866
Ion Ratio Lower Upper
142 100
141 90.9 73.3 109.9



#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.321 min Scan# 2484
Delta R.T. 0.003 min
Lab File: BN022398.D
Acq: 31 Oct 2022 11:49

Tgt Ion:152 Resp: 1236
Ion Ratio Lower Upper
152 100
151 26.4 15.9 23.9#
153 25.5 10.8 16.2#

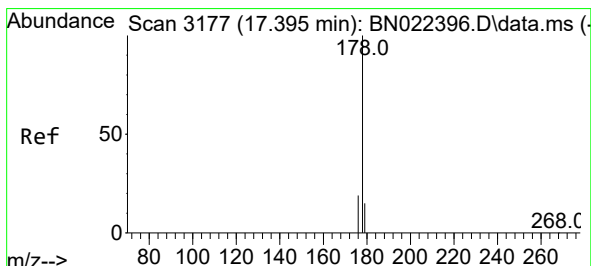
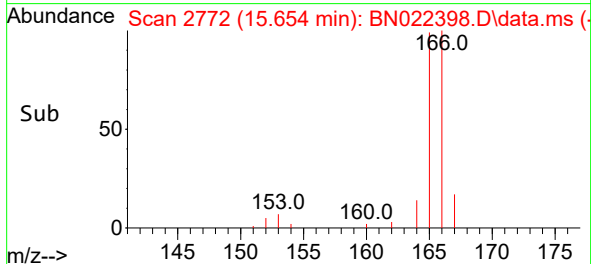
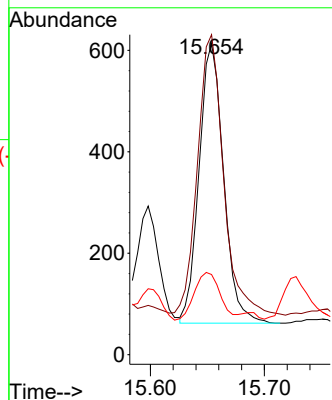
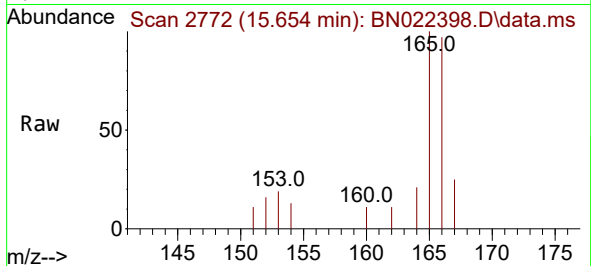




#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.654 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN022398.D
Acq: 31 Oct 2022 11:49

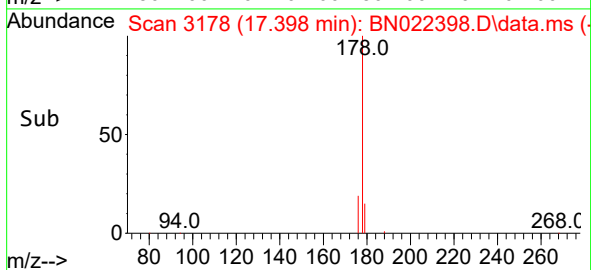
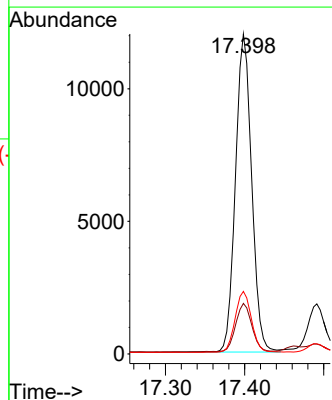
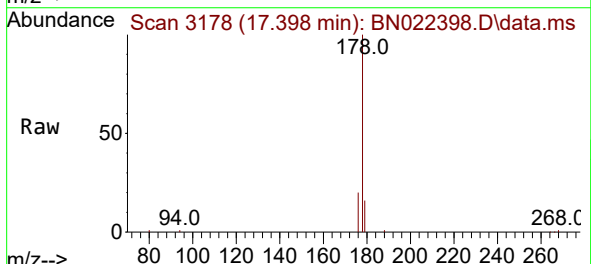
Instrument :
BNA_N
ClientSampleId :
C0BK9DL

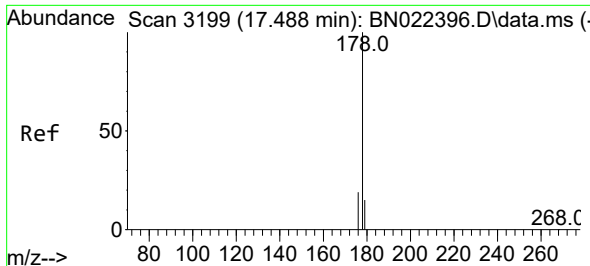
Tgt Ion:166 Resp: 824
Ion Ratio Lower Upper
166 100
165 102.8 78.2 117.2
167 25.7 11.0 16.4#



#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.398 min Scan# 3178
Delta R.T. 0.003 min
Lab File: BN022398.D
Acq: 31 Oct 2022 11:49

Tgt Ion:178 Resp: 16986
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.5 15.4 23.2

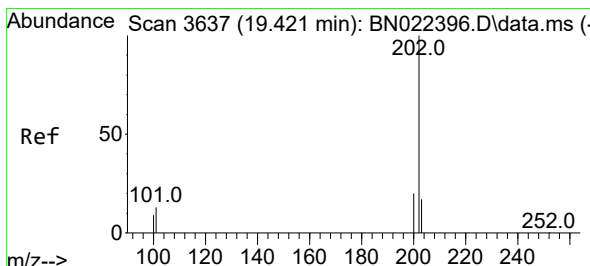
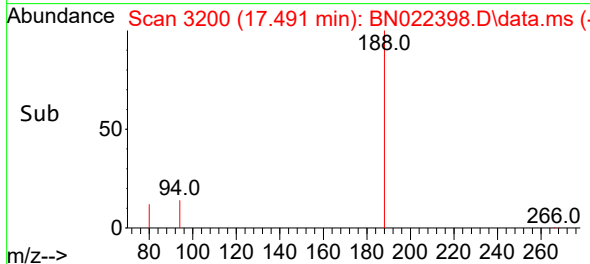
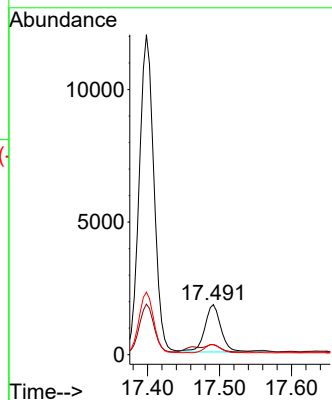
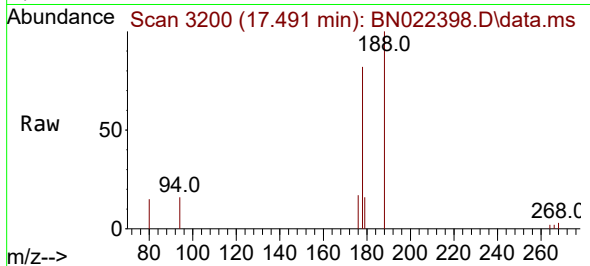




#16
 Anthracene
 Concen: 0.069 ng/ul
 RT: 17.491 min Scan# 3199
 Delta R.T. 0.003 min
 Lab File: BN022398.D
 Acq: 31 Oct 2022 11:49

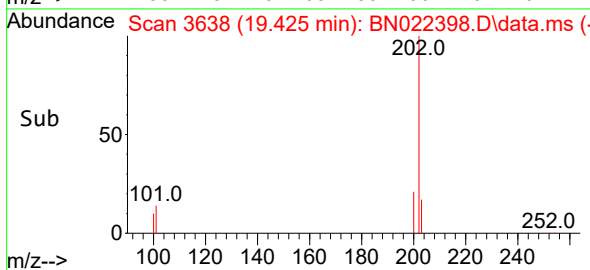
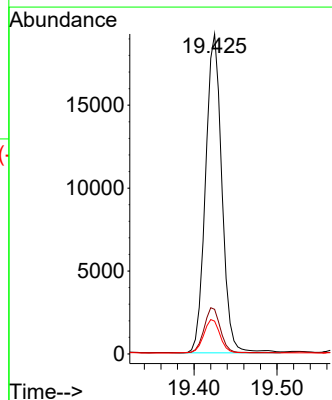
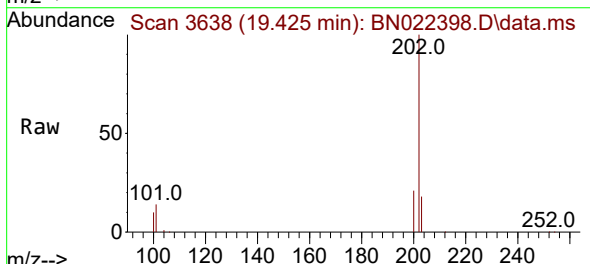
Instrument :
 BNA_N
 ClientSampleId :
 C0BK9DL

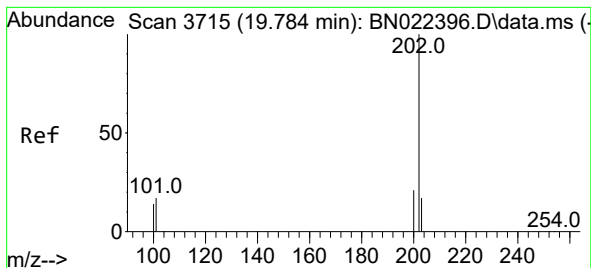
Tgt Ion:178 Resp: 2860
 Ion Ratio Lower Upper
 178 100
 179 19.9 12.6 18.8#
 176 20.2 15.0 22.6



#19
 Fluoranthene
 Concen: 0.605 ng/ul
 RT: 19.425 min Scan# 3638
 Delta R.T. 0.003 min
 Lab File: BN022398.D
 Acq: 31 Oct 2022 11:49

Tgt Ion:202 Resp: 26308
 Ion Ratio Lower Upper
 202 100
 101 14.0 11.8 17.6
 100 10.2 8.7 13.1





#20

Pyrene

Concen: 0.510 ng/ul

RT: 19.787 min Scan# 3715

Delta R.T. 0.003 min

Lab File: BN022398.D

Acq: 31 Oct 2022 11:49

Instrument :

BNA_N

ClientSampleId :

C0BK9DL

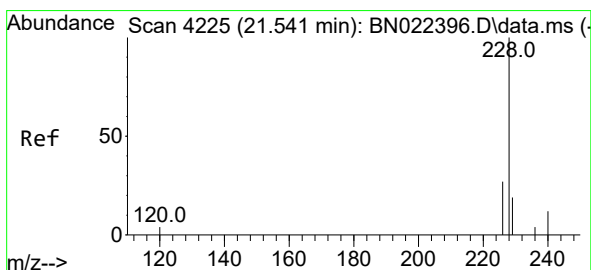
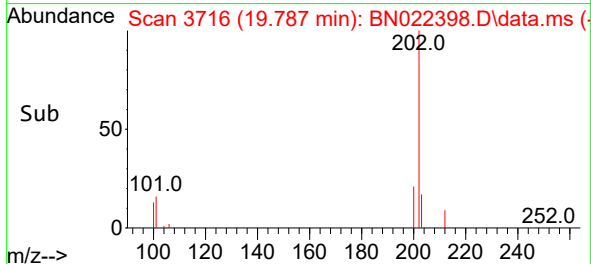
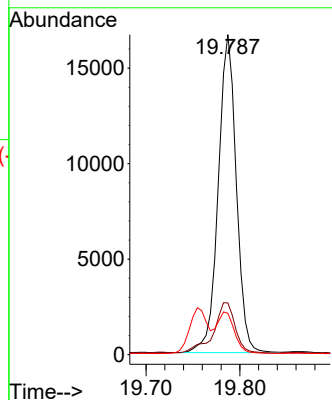
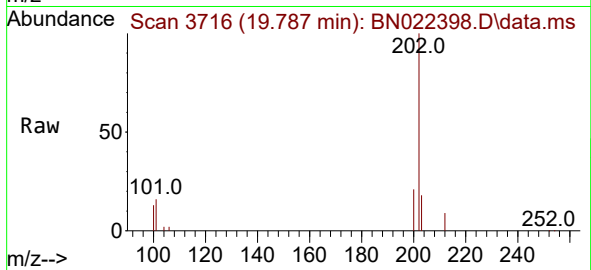
Tgt Ion:202 Resp: 22279

Ion Ratio Lower Upper

202 100

101 16.2 13.1 19.7

100 13.0 10.6 16.0



#21

Benzo(a)anthracene

Concen: 0.277 ng/ul

RT: 21.542 min Scan# 4225

Delta R.T. 0.000 min

Lab File: BN022398.D

Acq: 31 Oct 2022 11:49

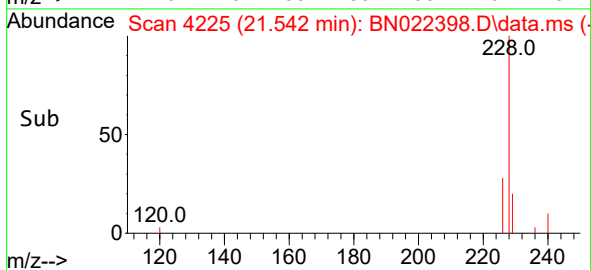
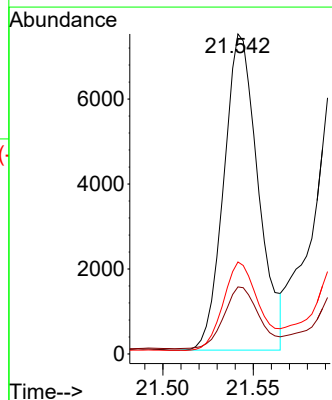
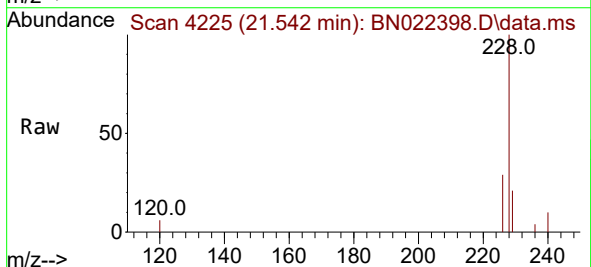
Tgt Ion:228 Resp: 9845

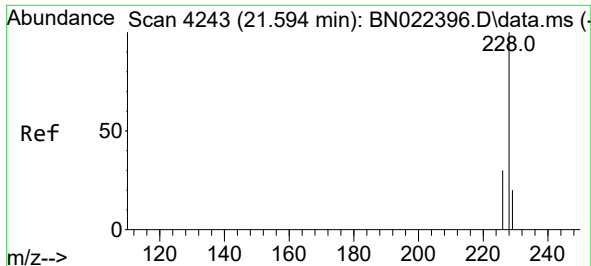
Ion Ratio Lower Upper

228 100

229 21.0 15.7 23.5

226 28.8 21.5 32.3





#22

Chrysene

Concen: 0.292 ng/ul

RT: 21.597 min Scan# 41

Delta R.T. 0.003 min

Lab File: BN022398.D

Acq: 31 Oct 2022 11:49

Instrument :

BNA_N

ClientSampleId :

C0BK9DL

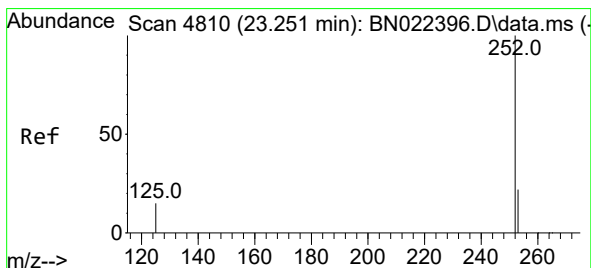
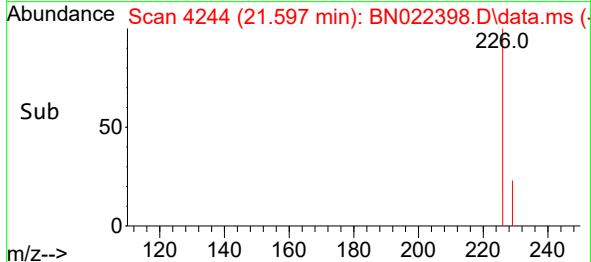
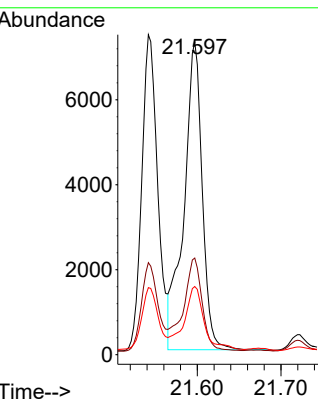
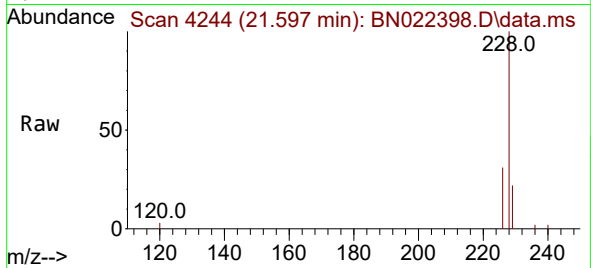
Tgt Ion:228 Resp: 11014

Ion Ratio Lower Upper

228 100

226 30.9 23.9 35.9

229 21.8 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 0.473 ng/ul

RT: 23.260 min Scan# 4813

Delta R.T. 0.009 min

Lab File: BN022398.D

Acq: 31 Oct 2022 11:49

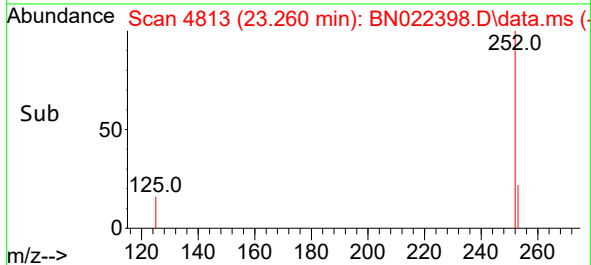
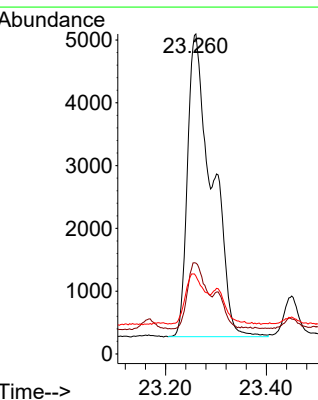
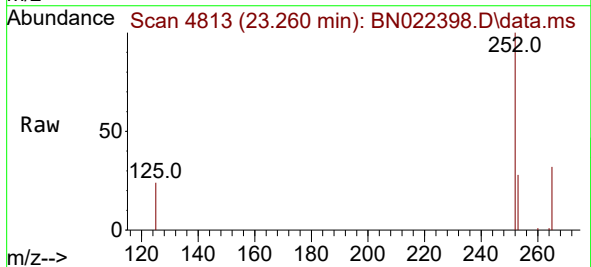
Tgt Ion:252 Resp: 16178

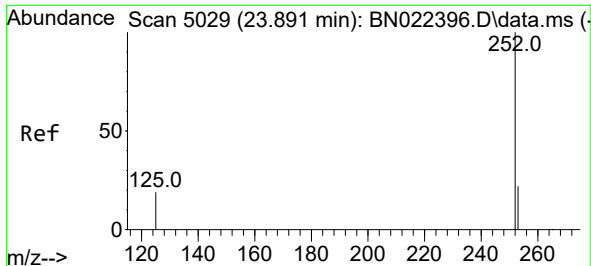
Ion Ratio Lower Upper

252 100

253 28.4 0.0 49.0

125 24.3 0.0 35.2

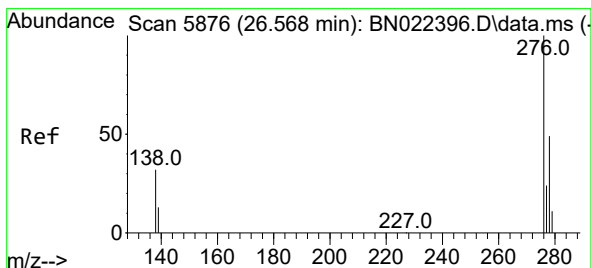
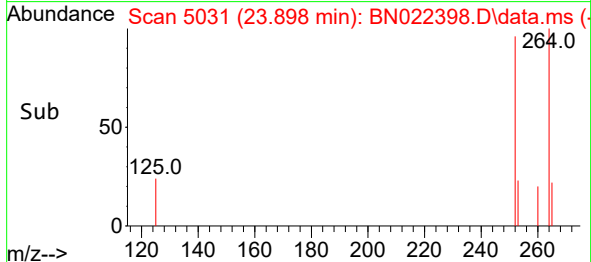
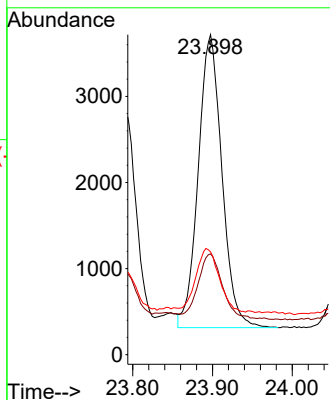
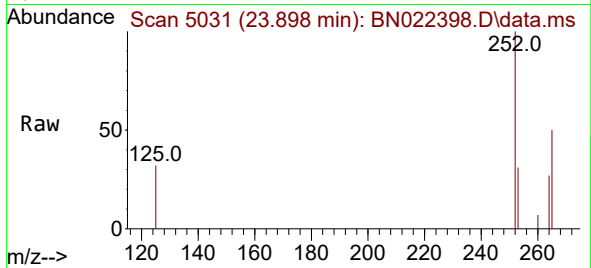




#26
Benzo(a)pyrene
Concen: 0.258 ng/ul
RT: 23.898 min Scan# 5029
Delta R.T. 0.006 min
Lab File: BN022398.D
Acq: 31 Oct 2022 11:49

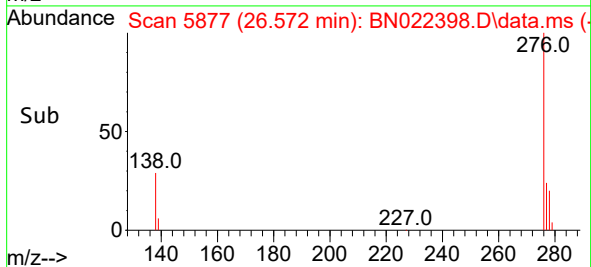
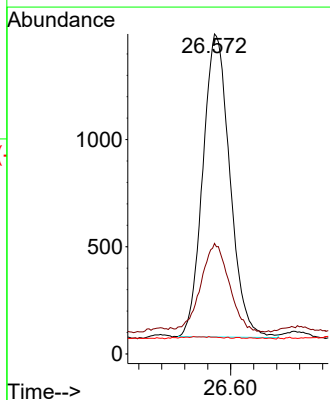
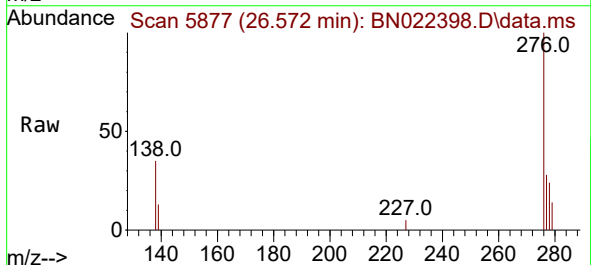
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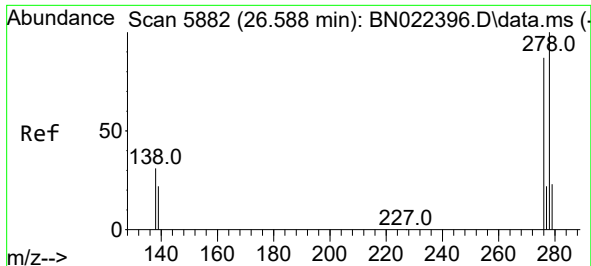
Tgt Ion:252 Resp: 7028
Ion Ratio Lower Upper
252 100
253 31.5 21.0 31.6
125 32.1 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.136 ng/ul
RT: 26.572 min Scan# 5877
Delta R.T. 0.004 min
Lab File: BN022398.D
Acq: 31 Oct 2022 11:49

Tgt Ion:276 Resp: 4619
Ion Ratio Lower Upper
276 100
138 30.8 27.7 41.5
227 0.0 0.2 0.2#

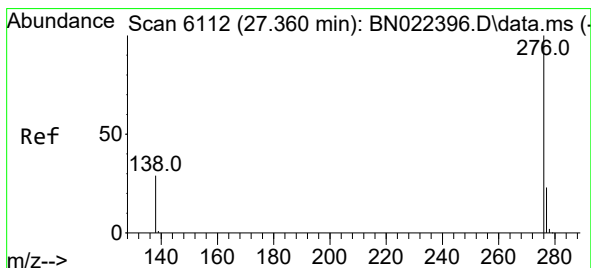
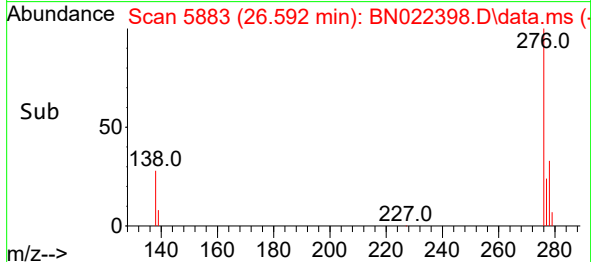
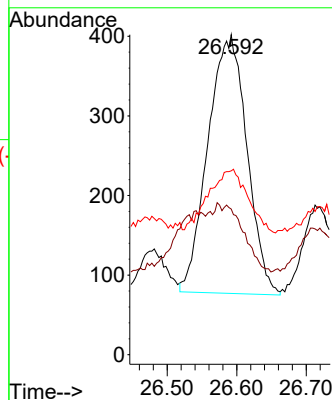
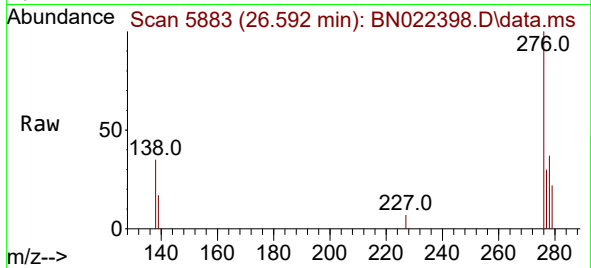




#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 26.592 min Scan# 5883
Delta R.T. 0.004 min
Lab File: BN022398.D
Acq: 31 Oct 2022 11:49

Instrument :
BNA_N
ClientSampleId :
C0BK9DL

Tgt Ion:278 Resp: 1265
Ion Ratio Lower Upper
278 100
139 45.5 19.6 29.4#
279 57.5 20.6 30.8#



#29
Benzo(g,h,i)perylene
Concen: 0.132 ng/ul
RT: 27.370 min Scan# 6115
Delta R.T. 0.011 min
Lab File: BN022398.D
Acq: 31 Oct 2022 11:49

Tgt Ion:276 Resp: 3653
Ion Ratio Lower Upper
276 100
138 36.3 25.2 37.8
277 28.4 19.9 29.9

