

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022875.D
 Acq On : 26 Nov 2022 10:33
 Operator : CG/JU
 Sample : SST0.253
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2210

Quant Time: Nov 28 03:01:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 28 02:35:52 2022
 Response via : Initial Calibration

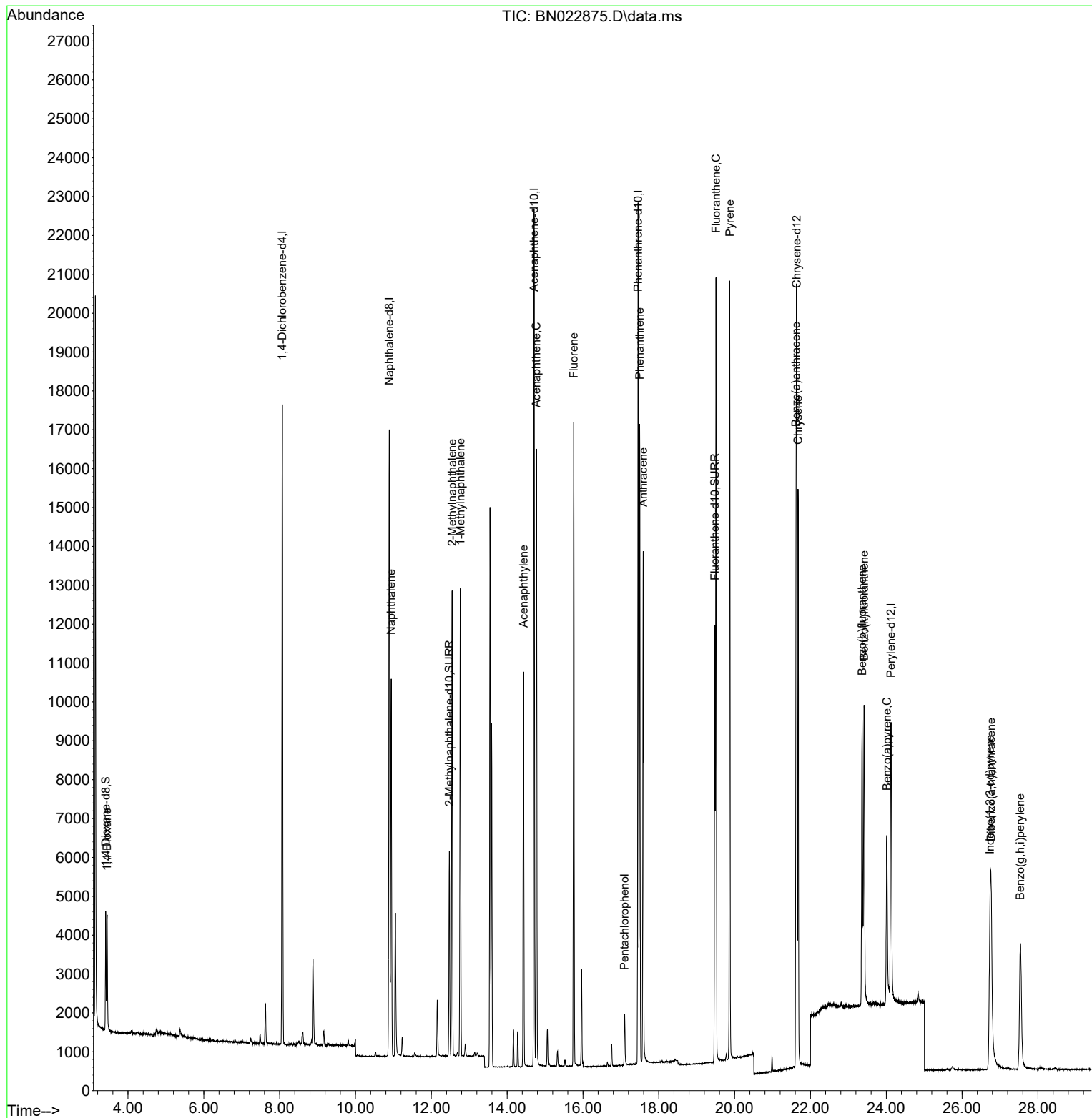
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	7933	0.400	ng/ul	0.00
4) Naphthalene-d8	10.892	136	21255	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.710	164	11500	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.453	188	24775	0.400	ng/ul	0.00
17) Chrysene-d12	21.638	240	15327	0.400	ng/ul	0.00
23) Perylene-d12	24.126	264	10623	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	1910	0.201	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.476	152	6447	0.199	ng/ul	0.00
18) Fluoranthene-d10	19.476	212	11910	0.210	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.450	88	1983	0.200	ng/ul#	95
5) Naphthalene	10.942	128	12741	0.198	ng/ul	99
7) 2-Methylnaphthalene	12.547	142	7958	0.197	ng/ul	99
8) 1-Methylnaphthalene	12.767	142	8147	0.199	ng/ul	100
10) Acenaphthylene	14.432	152	11063	0.195	ng/ul	99
11) Acenaphthene	14.770	153	8905	0.198	ng/ul	97
12) Fluorene	15.755	166	10043	0.198	ng/ul	99
14) Pentachlorophenol	17.099	266	886	0.171	ng/ul#	100
15) Phenanthrene	17.496	178	16843	0.198	ng/ul	100
16) Anthracene	17.588	178	13983	0.192	ng/ul	99
19) Fluoranthene	19.508	202	16565	0.209	ng/ul	99
20) Pyrene	19.871	202	16543	0.213	ng/ul	99
21) Benzo(a)anthracene	21.620	228	11357	0.194	ng/ul	100
22) Chrysene	21.673	228	12898	0.201	ng/ul	99
24) Benzo(b)fluoranthene	23.363	252	10289	0.191	ng/ul	94
25) Benzo(k)fluoranthene	23.412	252	10945	0.192	ng/ul#	94
26) Benzo(a)pyrene	24.014	252	7817	0.191	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.736	276	9029	0.185	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.766	278	7109	0.184	ng/ul	93
29) Benzo(g,h,i)perylene	27.534	276	8083	0.190	ng/ul	97

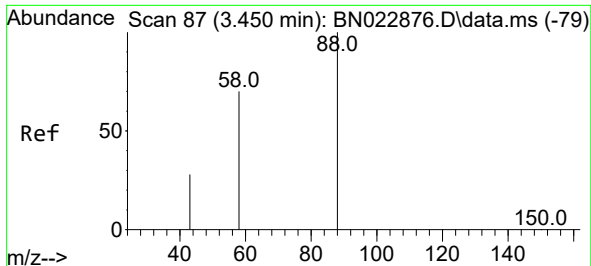
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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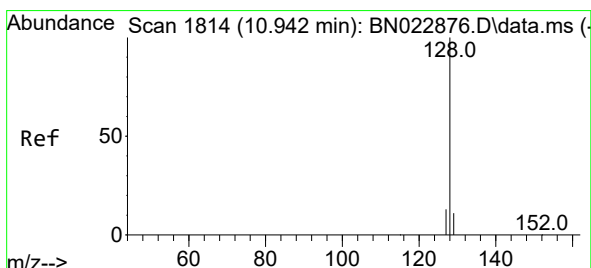
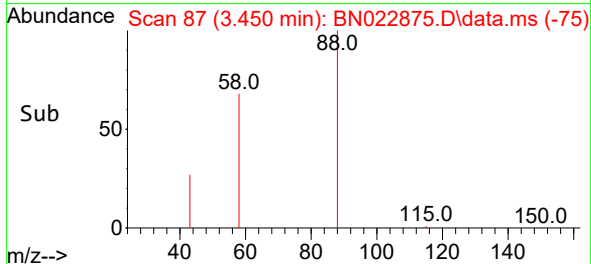
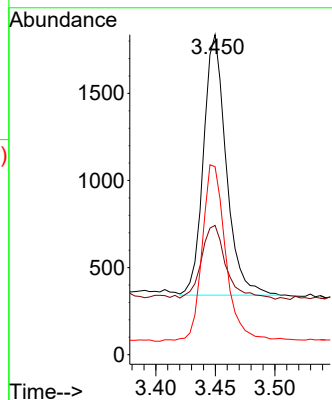
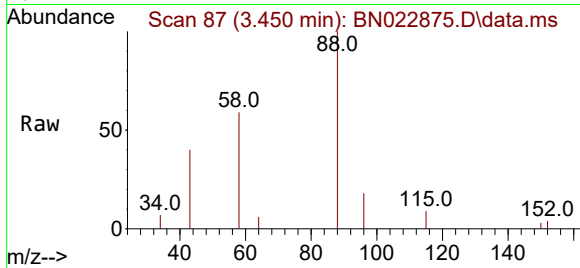




#2
1,4-Dioxane
Concen: 0.200 ng/ul
RT: 3.450 min Scan# 81
Delta R.T. -0.000 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

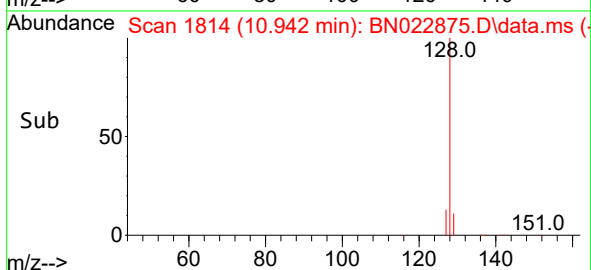
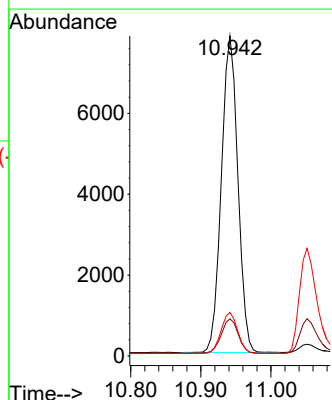
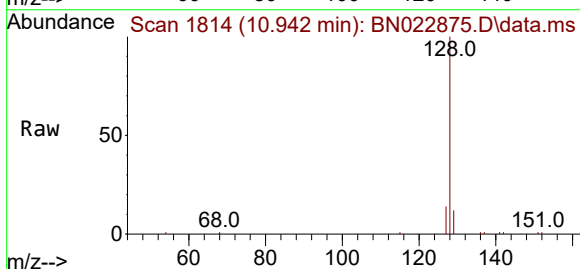
Instrument :
BNA_N
ClientSampleId :
SSTD0.2210

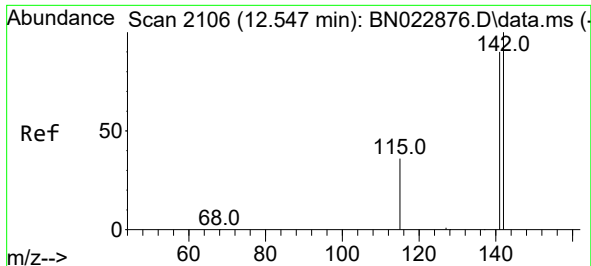
Tgt Ion: 88 Resp: 1983
Ion Ratio Lower Upper
88 100
43 40.4 26.2 39.4#
58 58.7 47.6 71.4



#5
Naphthalene
Concen: 0.198 ng/ul
RT: 10.942 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

Tgt Ion: 128 Resp: 12741
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.7 10.6 16.0

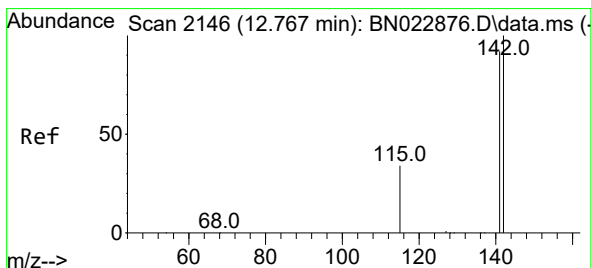
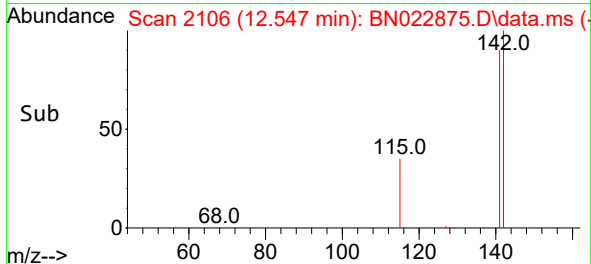
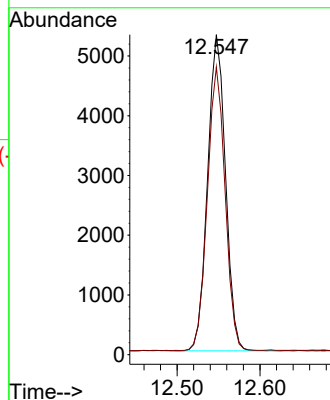
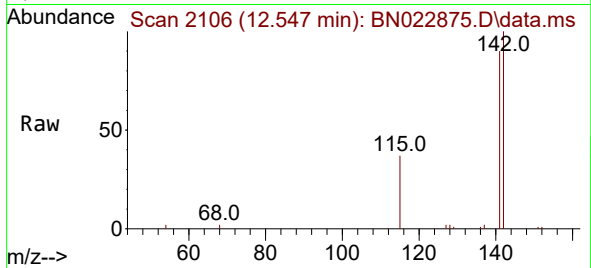




#7
2-Methylnaphthalene
Concen: 0.197 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

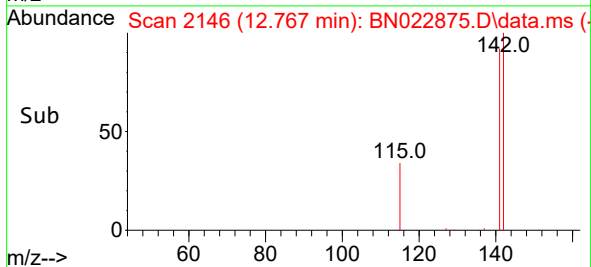
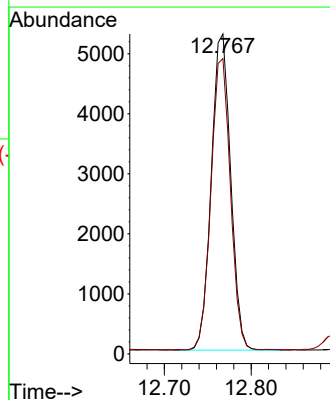
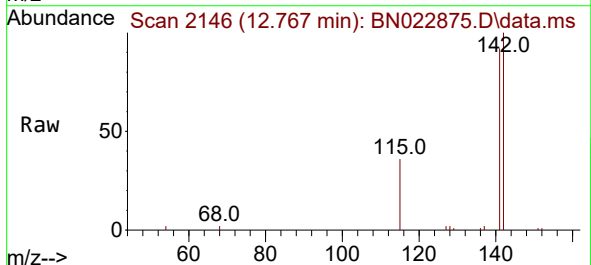
Instrument :
BNA_N
ClientSampleId :
SSTD0.2210

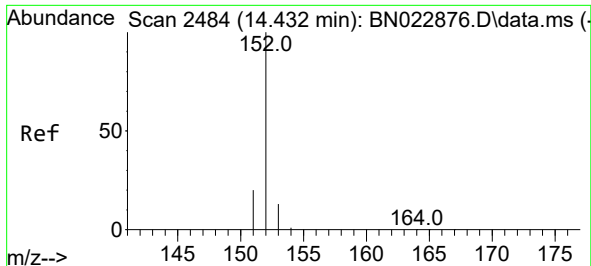
Tgt Ion:142 Resp: 7958
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 12.767 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

Tgt Ion:142 Resp: 8147
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.6

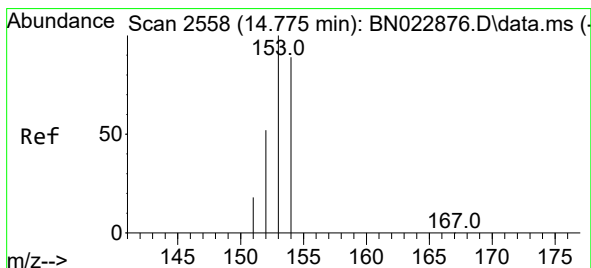
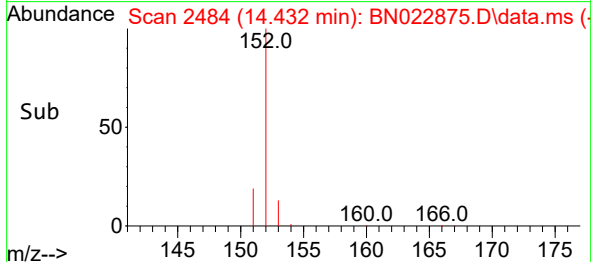
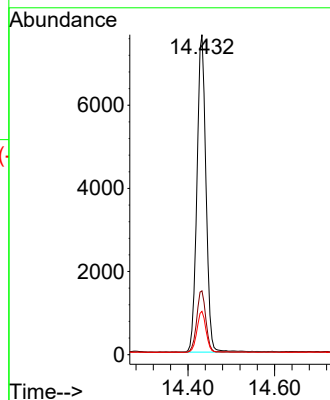
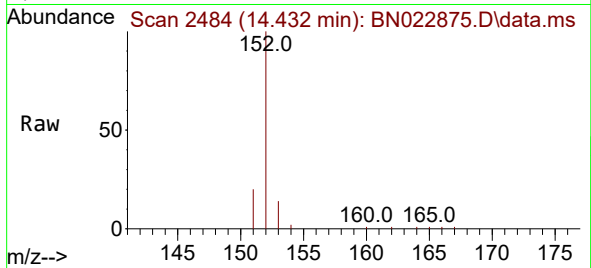




#10
Acenaphthylene
Concen: 0.195 ng/ul
RT: 14.432 min Scan# 2484
Delta R.T. -0.000 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

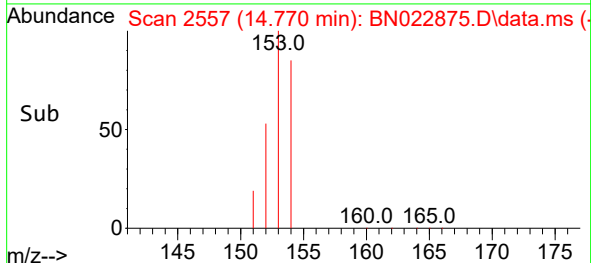
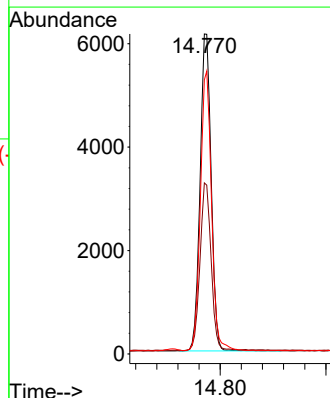
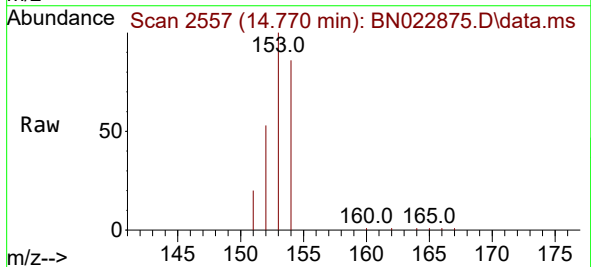
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ClientSampleId :
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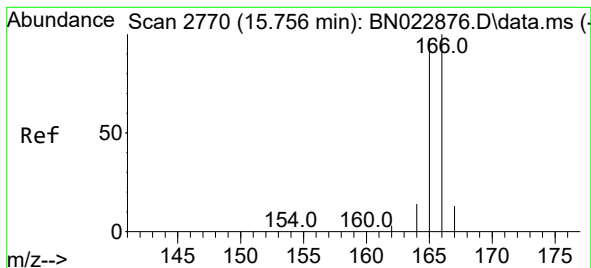
Tgt Ion:152 Resp: 11063
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.5 10.5 15.7



#11
Acenaphthene
Concen: 0.198 ng/ul
RT: 14.770 min Scan# 2557
Delta R.T. -0.005 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

Tgt Ion:153 Resp: 8905
Ion Ratio Lower Upper
153 100
152 53.4 41.8 62.8
154 85.6 71.3 106.9





#12

Fluorene

Concen: 0.198 ng/ul

RT: 15.755 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN022875.D

Acq: 26 Nov 2022 10:33

Instrument :

BNA_N

ClientSampleId :

SSTD0.2210

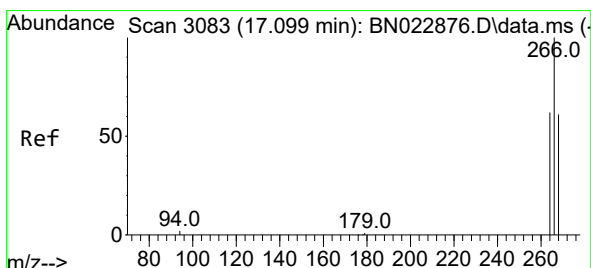
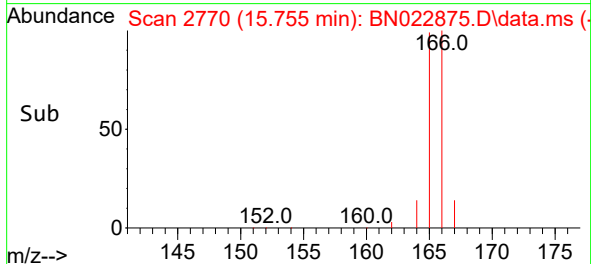
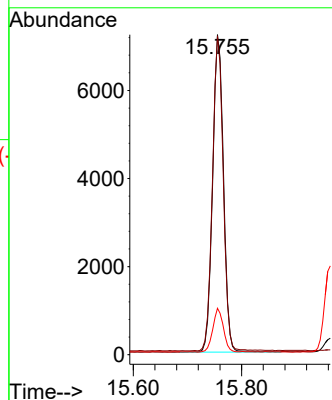
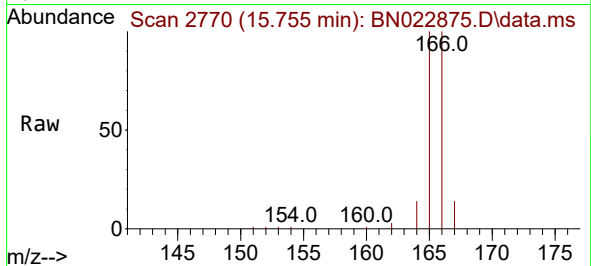
Tgt Ion:166 Resp: 10043

Ion Ratio Lower Upper

166 100

165 99.7 78.7 118.1

167 14.5 10.8 16.2



#14

Pentachlorophenol

Concen: 0.171 ng/ul

RT: 17.099 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BN022875.D

Acq: 26 Nov 2022 10:33

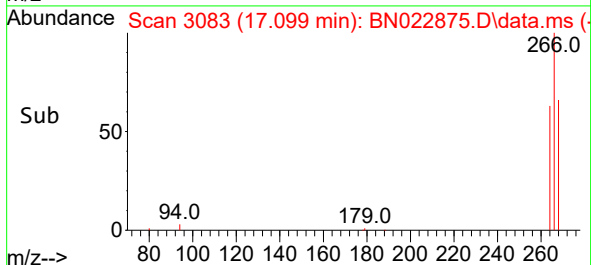
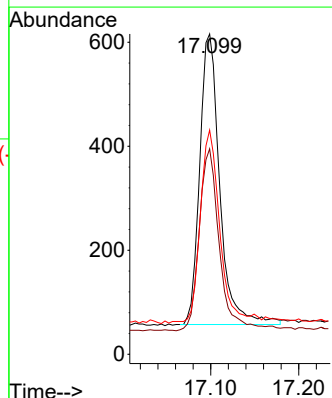
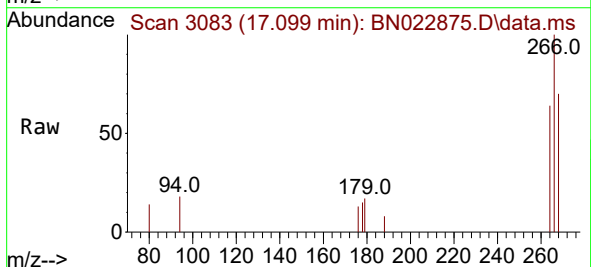
Tgt Ion:266 Resp: 886

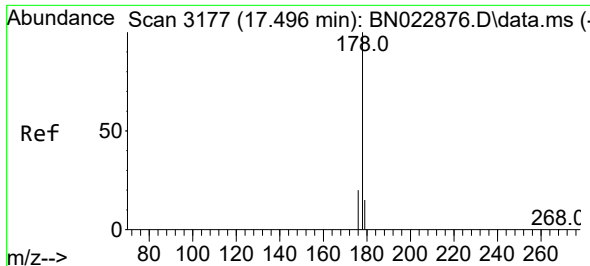
Ion Ratio Lower Upper

266 100

264 63.4 0.0 0.0#

268 64.8 0.0 0.0#

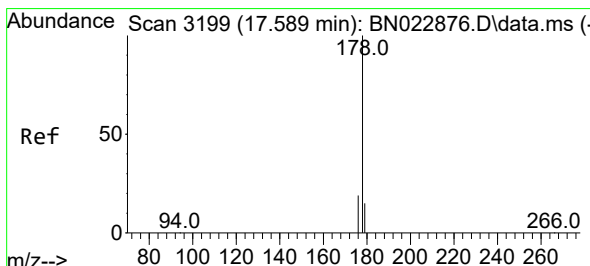
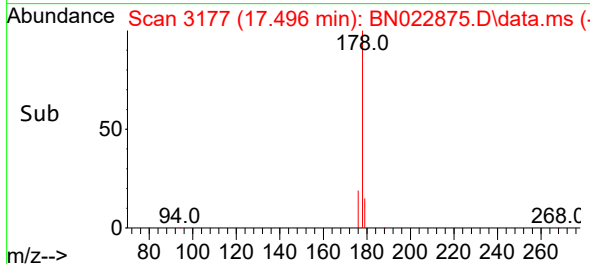
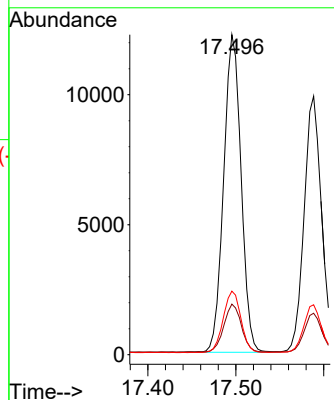
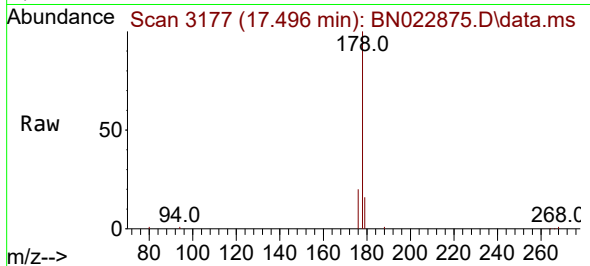




#15
Phenanthrene
Concen: 0.198 ng/ul
RT: 17.496 min Scan# 3177
Delta R.T. -0.000 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

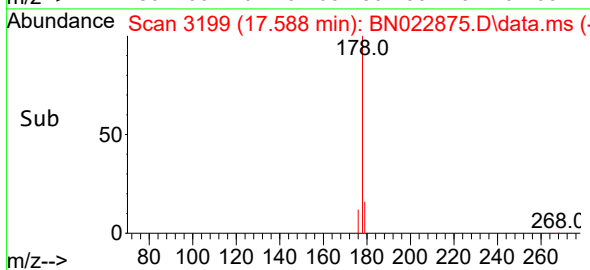
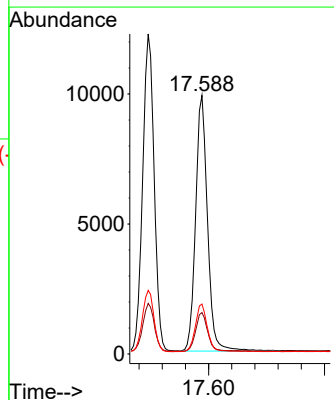
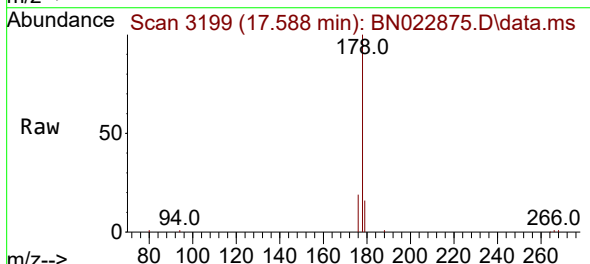
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SSTD0.2210

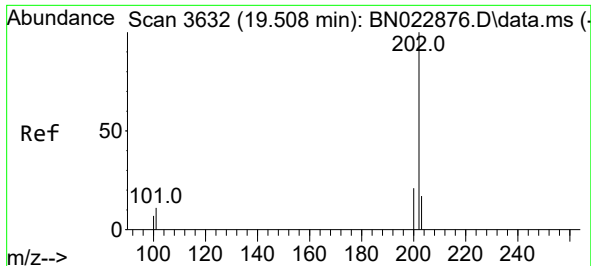
Tgt Ion:178 Resp: 16843
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.9 15.9 23.9



#16
Anthracene
Concen: 0.192 ng/ul
RT: 17.588 min Scan# 3199
Delta R.T. -0.000 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

Tgt Ion:178 Resp: 13983
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.3 15.3 22.9

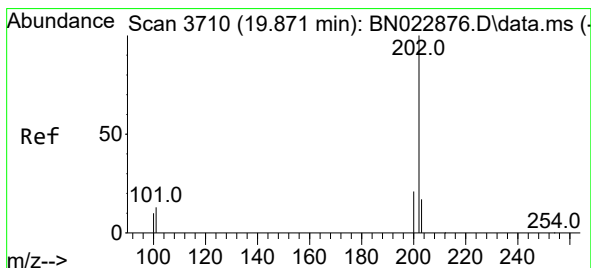
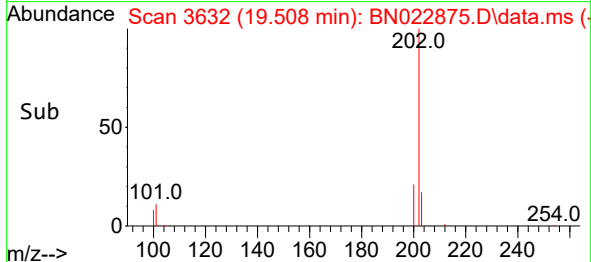
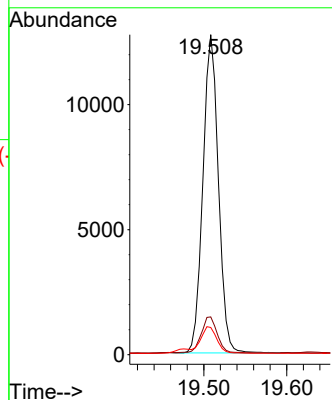
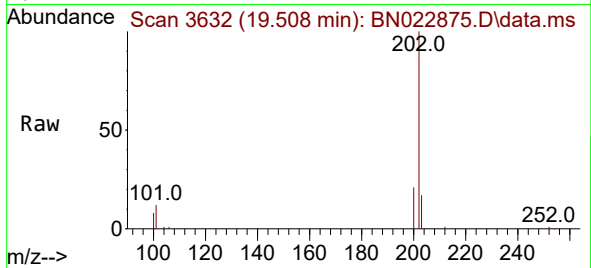




#19
Fluoranthene
Concen: 0.209 ng/ul
RT: 19.508 min Scan# 3632
Delta R.T. -0.000 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

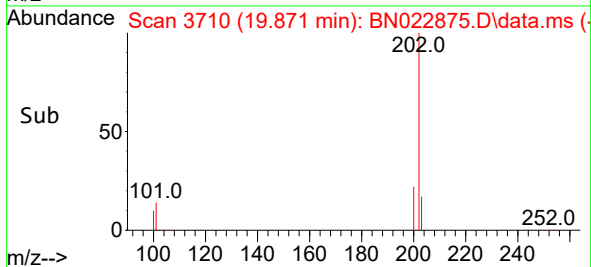
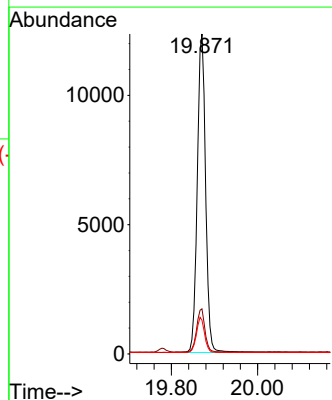
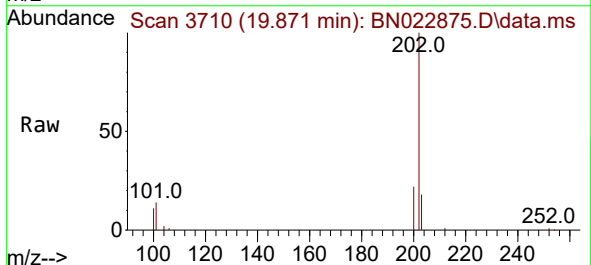
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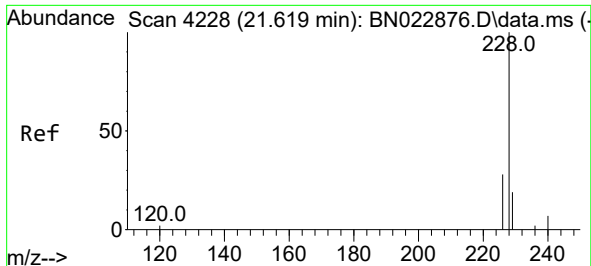
Tgt Ion:202 Resp: 16565
Ion Ratio Lower Upper
202 100
101 11.8 9.2 13.8
100 8.5 6.9 10.3



#20
Pyrene
Concen: 0.213 ng/ul
RT: 19.871 min Scan# 3710
Delta R.T. -0.000 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

Tgt Ion:202 Resp: 16543
Ion Ratio Lower Upper
202 100
101 14.1 10.6 16.0
100 10.5 8.2 12.4

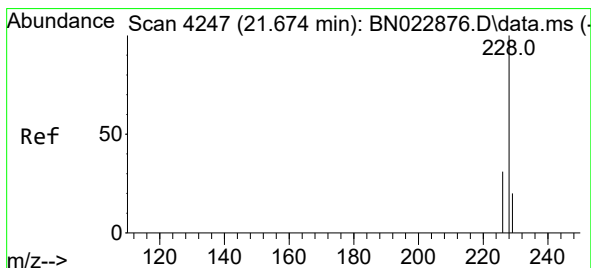
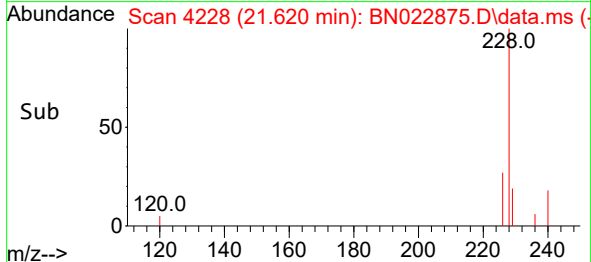
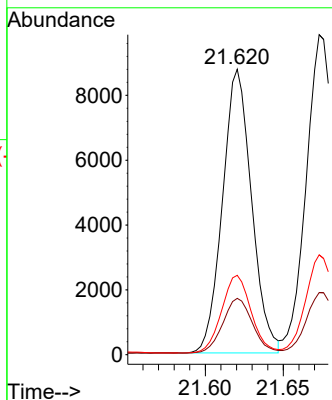
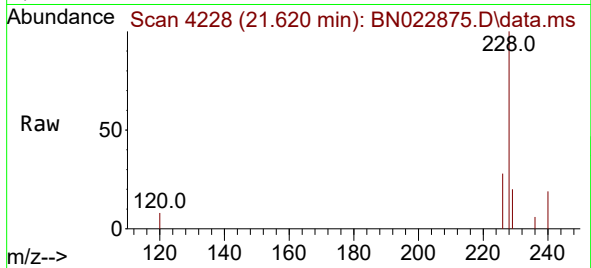




#21
Benzo(a)anthracene
Concen: 0.194 ng/ul
RT: 21.620 min Scan# 41
Delta R.T. 0.002 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

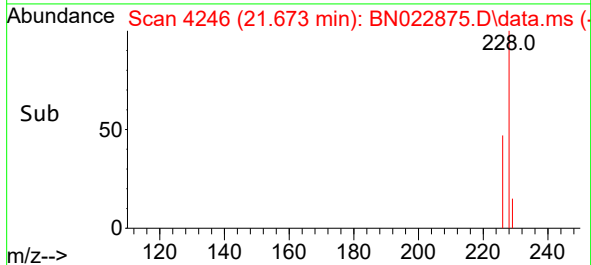
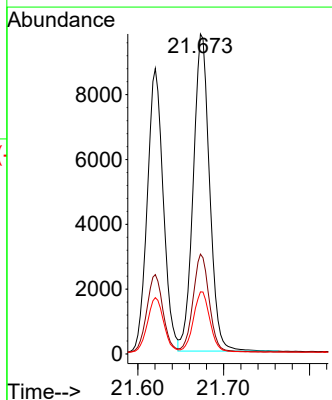
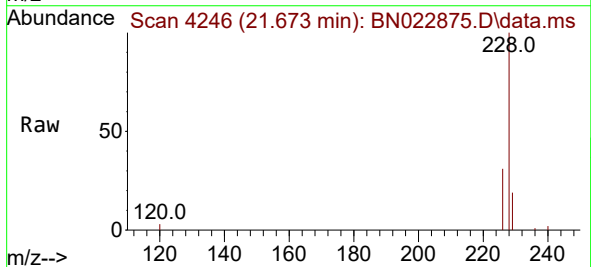
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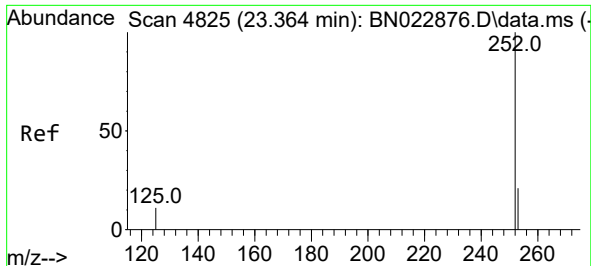
Tgt Ion:228 Resp: 11357
Ion Ratio Lower Upper
228 100
229 19.7 15.5 23.3
226 27.8 22.2 33.4



#22
Chrysene
Concen: 0.201 ng/ul
RT: 21.673 min Scan# 4246
Delta R.T. -0.001 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

Tgt Ion:228 Resp: 12898
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 19.4 15.8 23.8

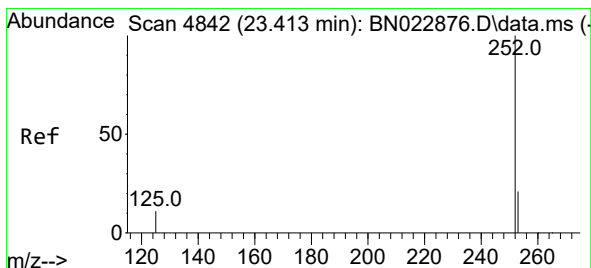
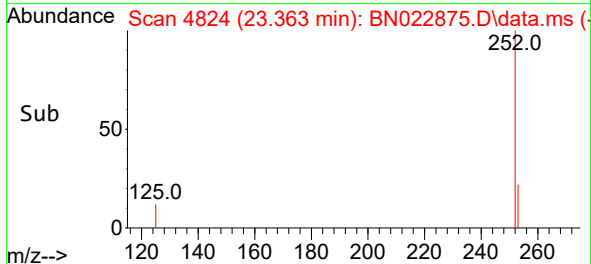
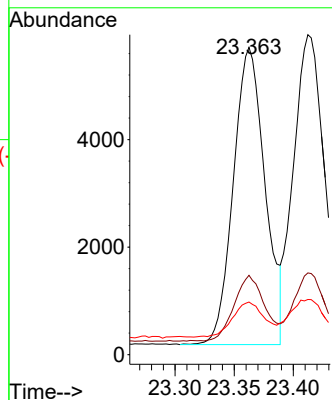
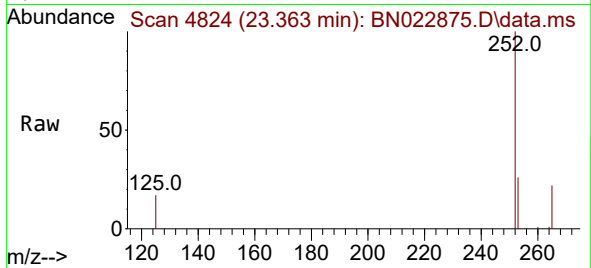




#24
Benzo(b)fluoranthene
Concen: 0.191 ng/ul
RT: 23.363 min Scan# 4824
Delta R.T. -0.001 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

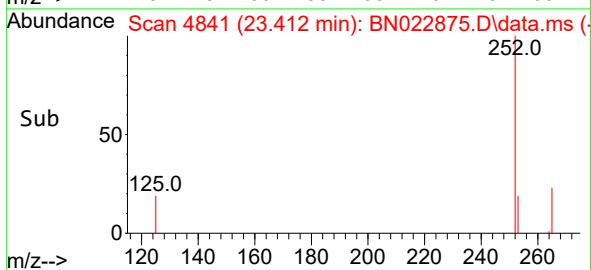
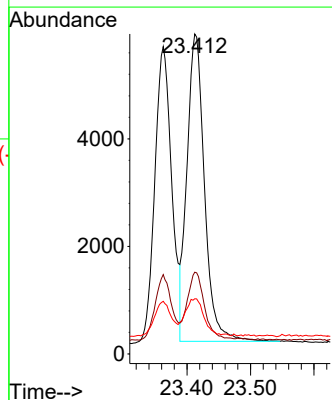
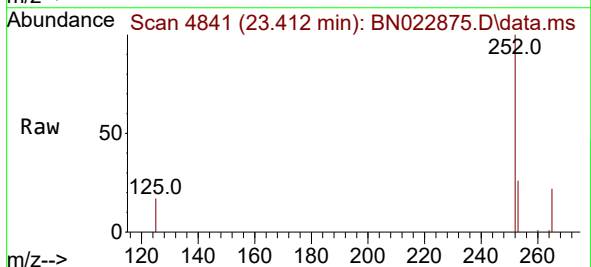
Instrument :
BNA_N
ClientSampleId :
SSTD0.2210

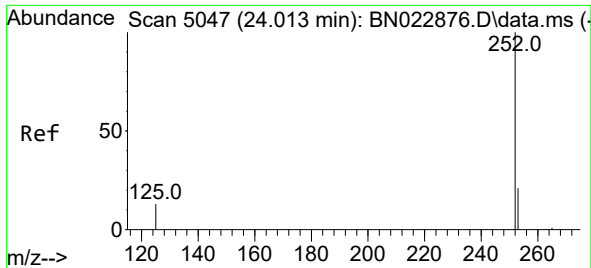
Tgt Ion:252 Resp: 10289
Ion Ratio Lower Upper
252 100
253 25.8 0.0 46.0
125 17.1 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.192 ng/ul
RT: 23.412 min Scan# 4841
Delta R.T. -0.001 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

Tgt Ion:252 Resp: 10945
Ion Ratio Lower Upper
252 100
253 25.5 18.7 28.1
125 17.2 11.3 16.9#

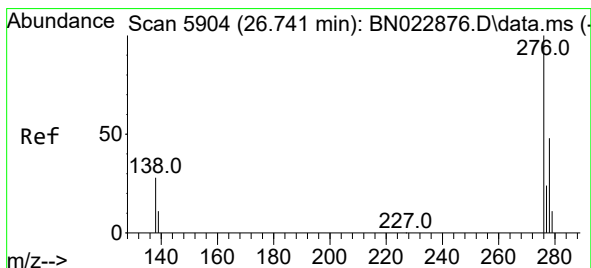
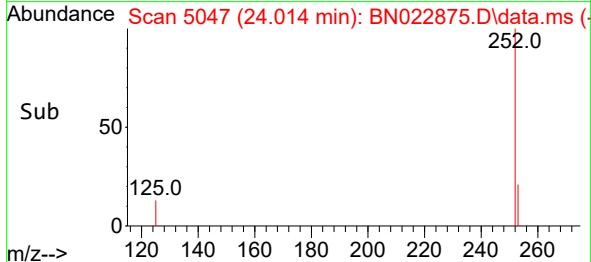
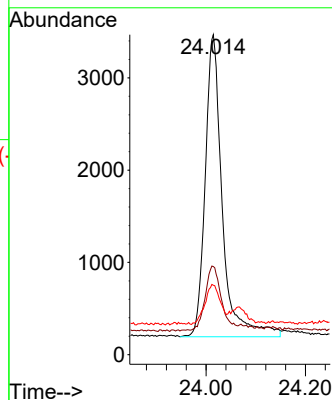
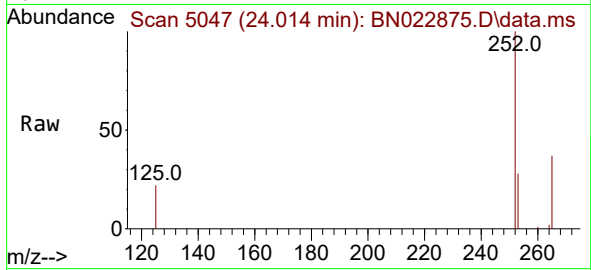




#26
Benzo(a)pyrene
Concen: 0.191 ng/ul
RT: 24.014 min Scan# 5047
Delta R.T. 0.002 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

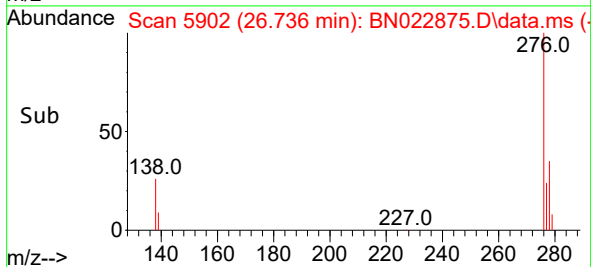
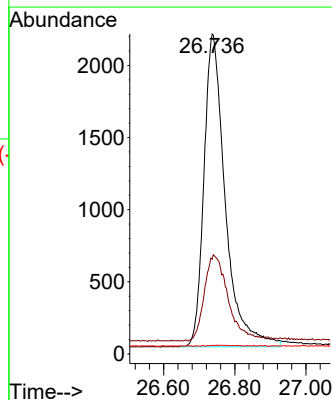
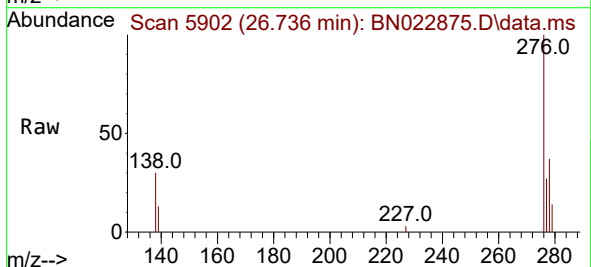
Instrument :
BNA_N
ClientSampleId :
SSTD0.2210

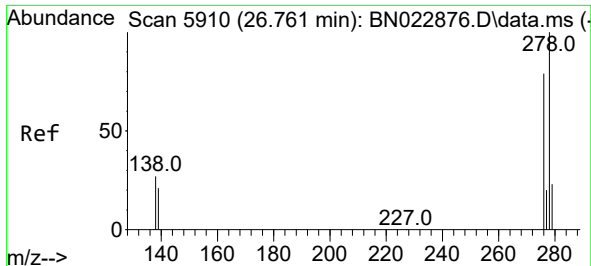
Tgt Ion:252 Resp: 7817
Ion Ratio Lower Upper
252 100
253 27.6 19.7 29.5
125 21.7 13.7 20.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.185 ng/ul
RT: 26.736 min Scan# 5902
Delta R.T. -0.005 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

Tgt Ion:276 Resp: 9029
Ion Ratio Lower Upper
276 100
138 31.1 0.0 0.0#
227 0.1 0.0 0.0#

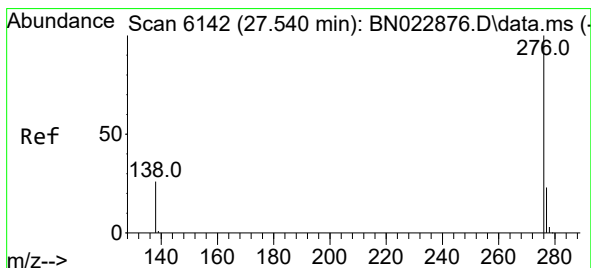
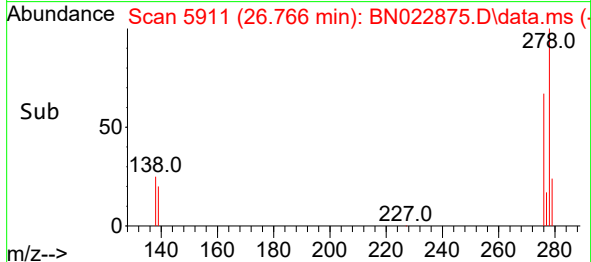
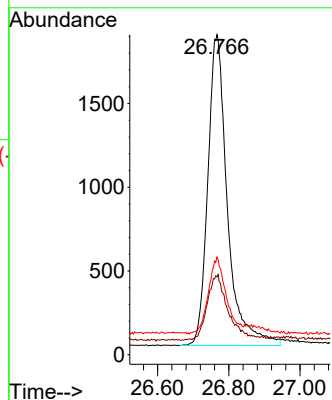
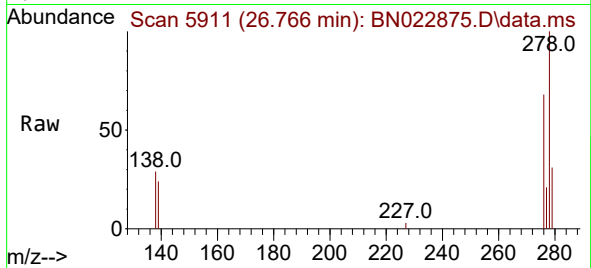




#28
Dibenzo(a,h)anthracene
Concen: 0.184 ng/ul
RT: 26.766 min Scan# 5910
Delta R.T. 0.005 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

Instrument :
BNA_N
ClientSampleId :
SSTD0.2210

Tgt Ion:278 Resp: 7109
Ion Ratio Lower Upper
278 100
139 24.3 18.3 27.5
279 30.5 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.190 ng/ul
RT: 27.534 min Scan# 6140
Delta R.T. -0.005 min
Lab File: BN022875.D
Acq: 26 Nov 2022 10:33

Tgt Ion:276 Resp: 8083
Ion Ratio Lower Upper
276 100
138 30.0 22.1 33.1
277 25.2 19.4 29.2

