

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023376.D
 Acq On : 23 Dec 2022 17:49
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4355

Quant Time: Dec 23 22:44:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

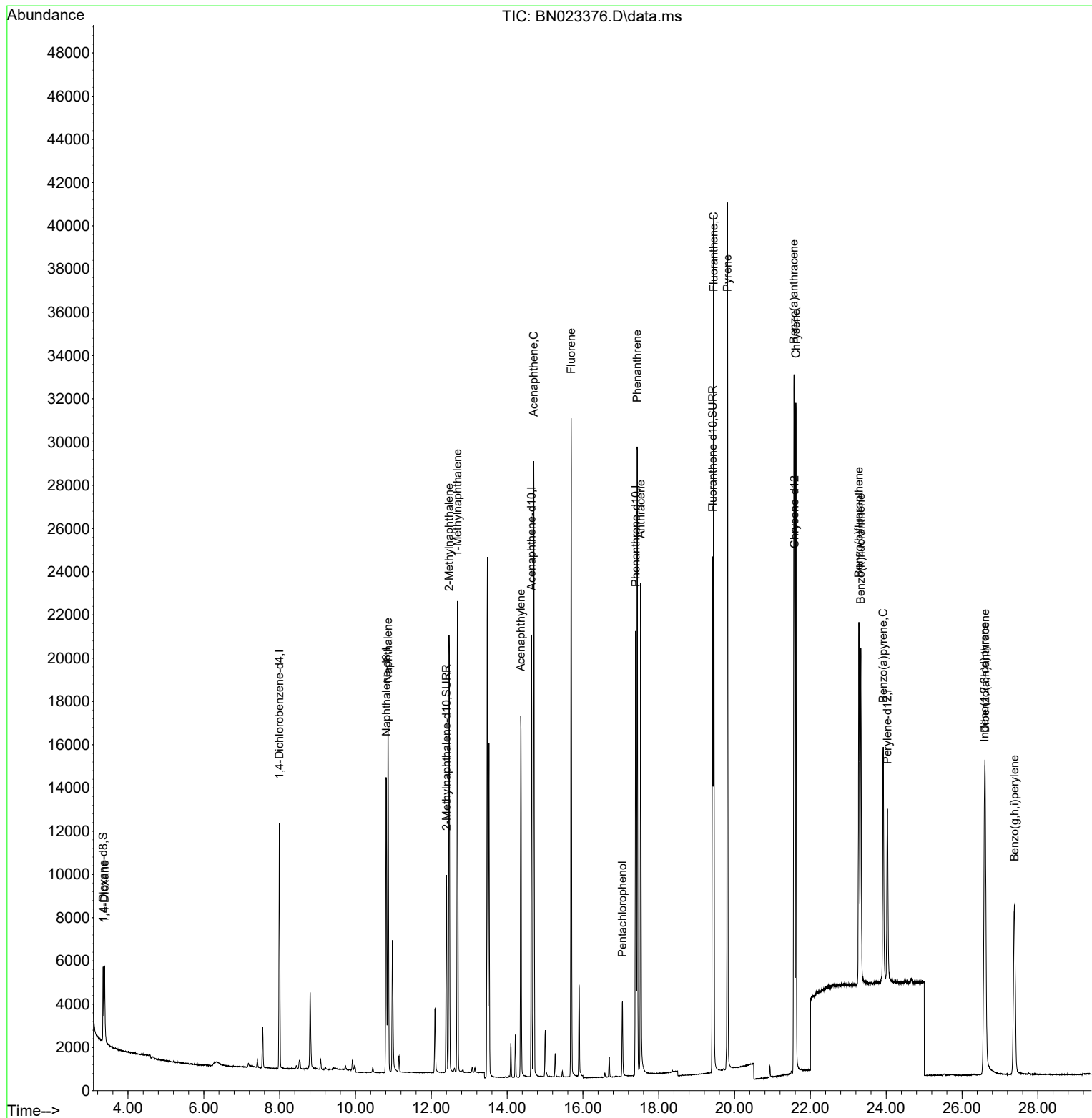
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	5594	0.400	ng/ul	0.00
4) Naphthalene-d8	10.814	136	18271	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.644	164	10771	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.393	188	23910	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	16107	0.400	ng/ul	0.00
23) Perylene-d12	24.031	264	11523	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	2327	0.383	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.398	152	11666	0.413	ng/ul	0.00
18) Fluoranthene-d10	19.419	212	25139	0.432	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	2443	0.393	ng/ul#	91
5) Naphthalene	10.858	128	21610	0.403	ng/ul	100
7) 2-Methylnaphthalene	12.469	142	14108	0.411	ng/ul	100
8) 1-Methylnaphthalene	12.689	142	14515	0.411	ng/ul	100
10) Acenaphthylene	14.362	152	18885	0.396	ng/ul	100
11) Acenaphthene	14.704	153	16062	0.399	ng/ul	99
12) Fluorene	15.690	166	18197	0.402	ng/ul	99
14) Pentachlorophenol	17.043	266	2386	0.360	ng/ul	100
15) Phenanthrene	17.431	178	30155	0.387	ng/ul	99
16) Anthracene	17.524	178	25122	0.389	ng/ul	100
19) Fluoranthene	19.452	202	33114	0.424	ng/ul	99
20) Pyrene	19.814	202	33153	0.421	ng/ul	98
21) Benzo(a)anthracene	21.564	228	25848	0.412	ng/ul	100
22) Chrysene	21.616	228	25848	0.405	ng/ul	99
24) Benzo(b)fluoranthene	23.280	252	22192	0.372	ng/ul	98
25) Benzo(k)fluoranthene	23.329	252	21020	0.376	ng/ul	98
26) Benzo(a)pyrene	23.920	252	17436	0.369	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.591	276	21119	0.383	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.611	278	16600	0.388	ng/ul	99
29) Benzo(g,h,i)perylene	27.382	276	18082	0.403	ng/ul	99

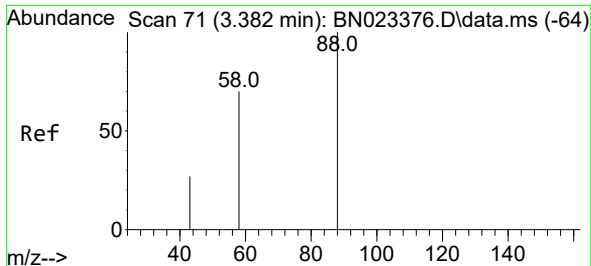
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023376.D
Acq On : 23 Dec 2022 17:49
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4355

Quant Time: Dec 23 22:44:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration

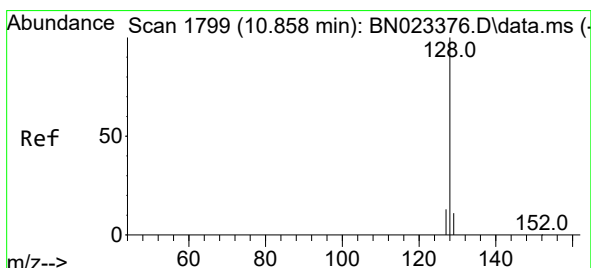
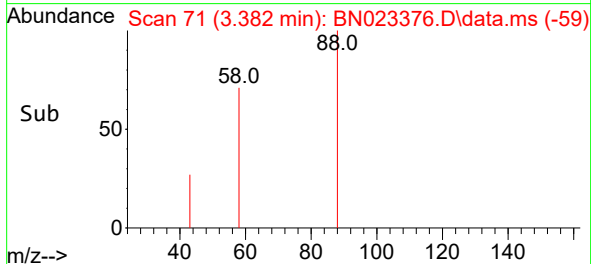
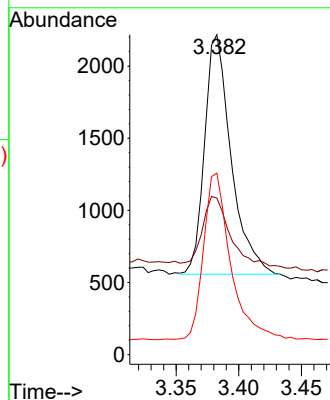
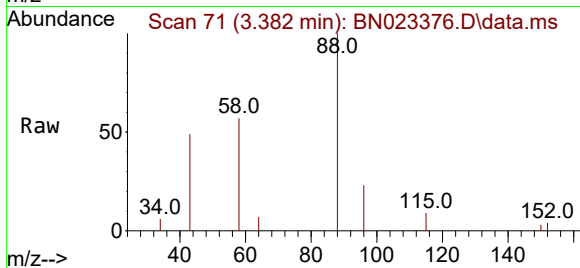




#2
1,4-Dioxane
Concen: 0.393 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

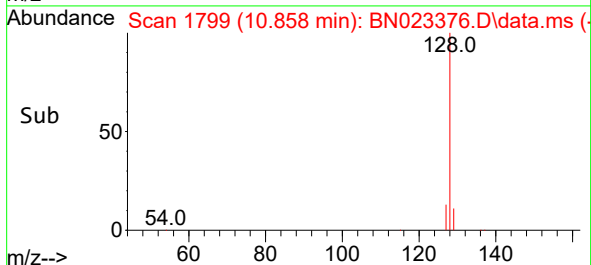
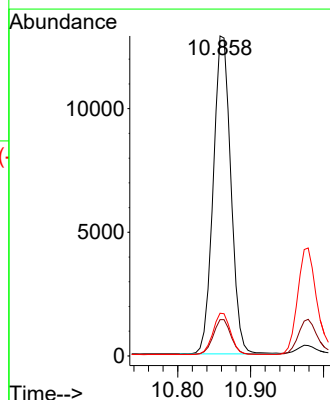
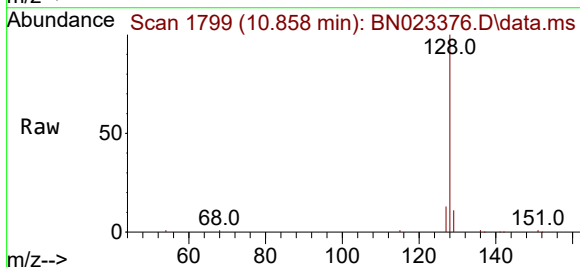
Instrument :
BNA_N
ClientSampleId :
SSTD0.4355

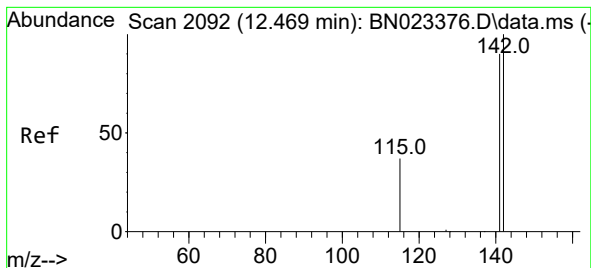
Tgt Ion: 88 Resp: 2443
Ion Ratio Lower Upper
88 100
43 49.0 28.4 42.6#
58 56.8 45.6 68.4



#5
Naphthalene
Concen: 0.403 ng/ul
RT: 10.858 min Scan# 1799
Delta R.T. -0.007 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

Tgt Ion: 128 Resp: 21610
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.3 10.7 16.1

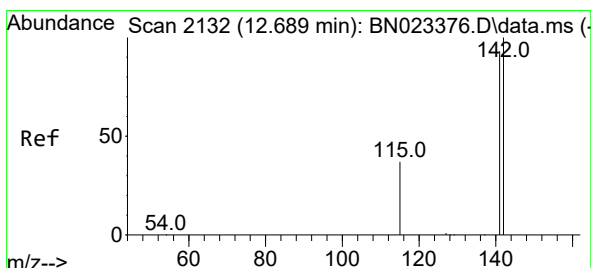
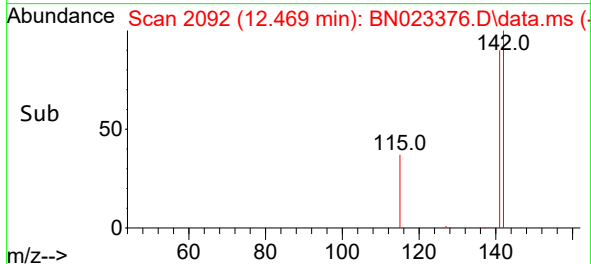
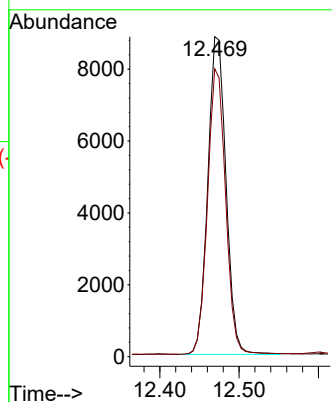
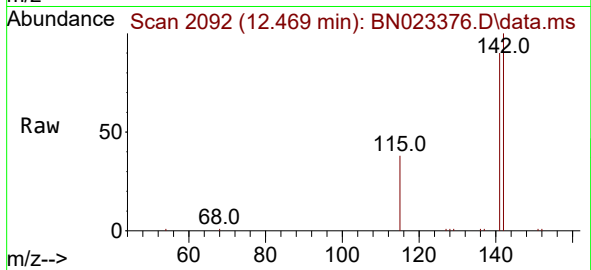




#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.469 min Scan# 2092
Delta R.T. -0.007 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

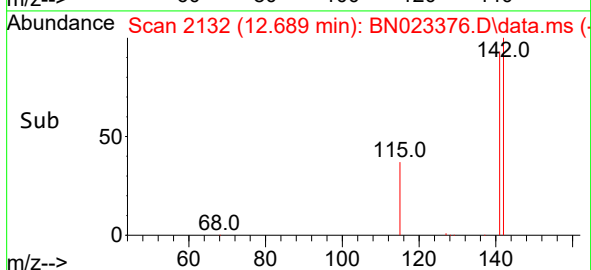
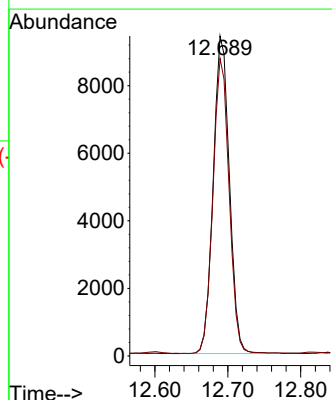
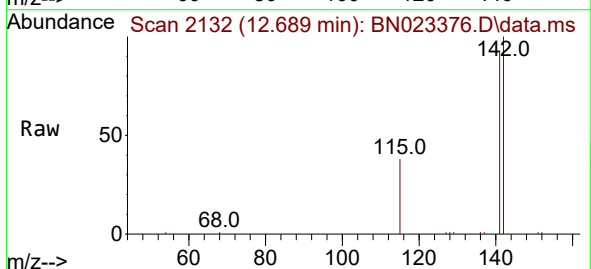
Instrument :
BNA_N
ClientSampleId :
SSTD0.4355

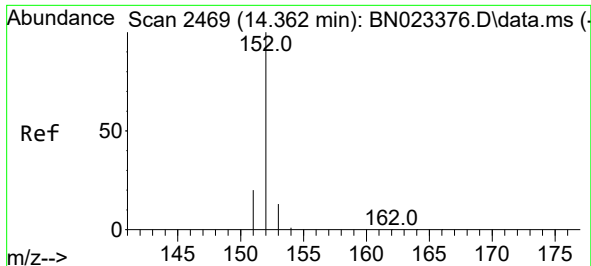
Tgt Ion:142 Resp: 14108
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.689 min Scan# 2132
Delta R.T. -0.007 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

Tgt Ion:142 Resp: 14515
Ion Ratio Lower Upper
142 100
141 92.7 74.0 111.0

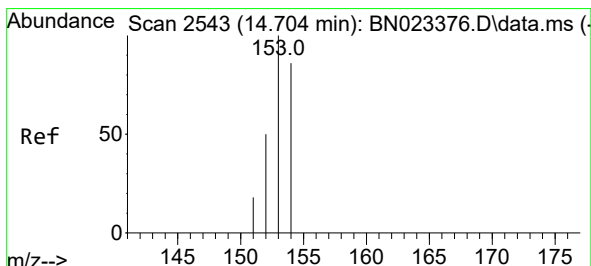
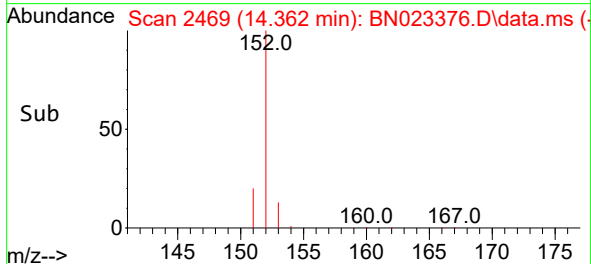
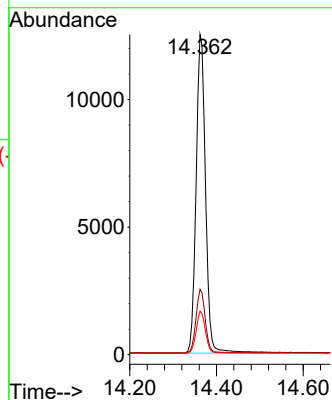
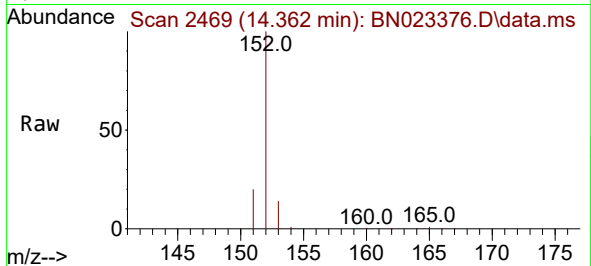




#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.362 min Scan# 2469
Delta R.T. -0.007 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

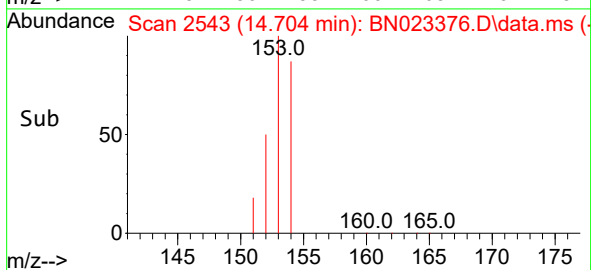
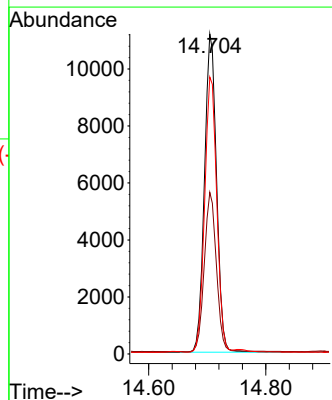
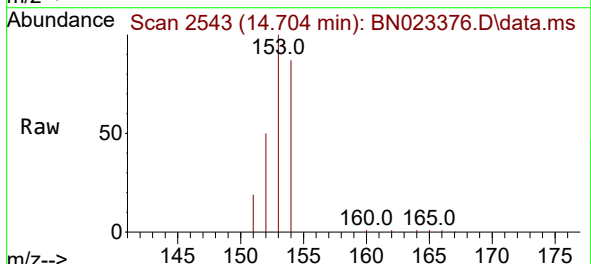
Instrument :
BNA_N
ClientSampleId :
SSTD0.4355

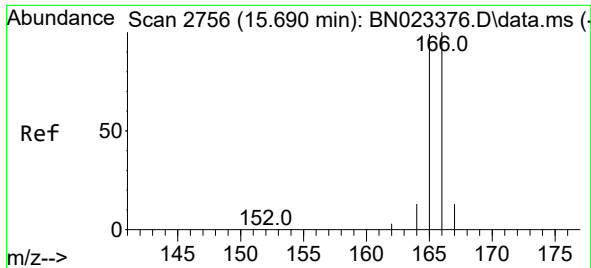
Tgt Ion:152 Resp: 18885
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.704 min Scan# 2543
Delta R.T. -0.002 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

Tgt Ion:153 Resp: 16062
Ion Ratio Lower Upper
153 100
152 50.5 41.0 61.4
154 86.6 69.5 104.3

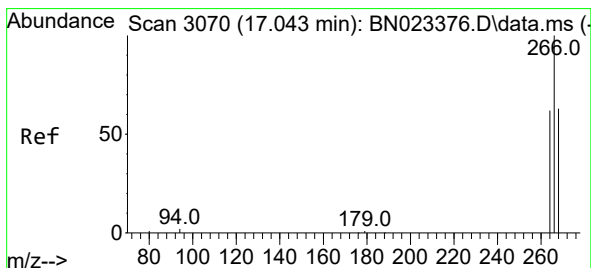
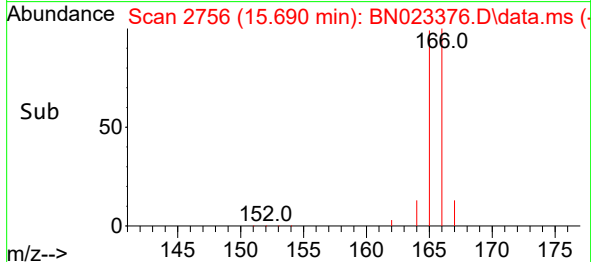
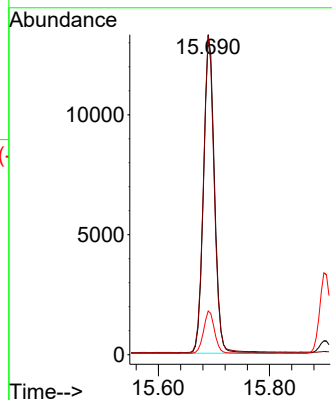
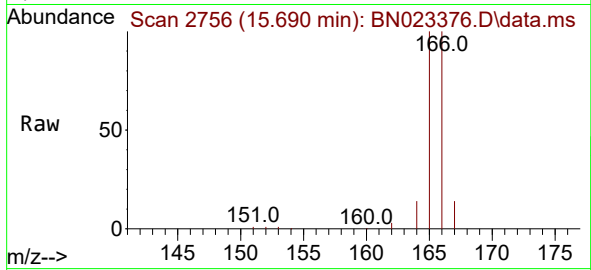




#12
Fluorene
Concen: 0.402 ng/ul
RT: 15.690 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

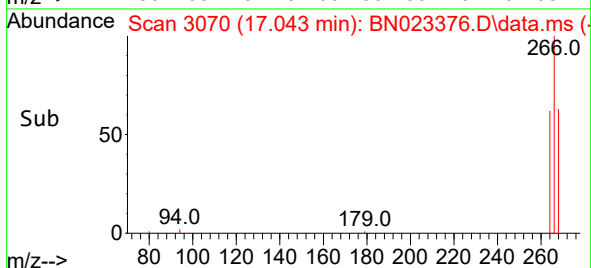
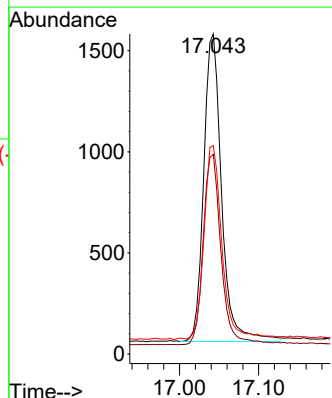
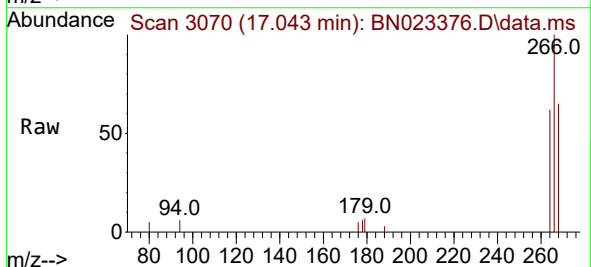
Instrument :
BNA_N
ClientSampleId :
SSTD0.4355

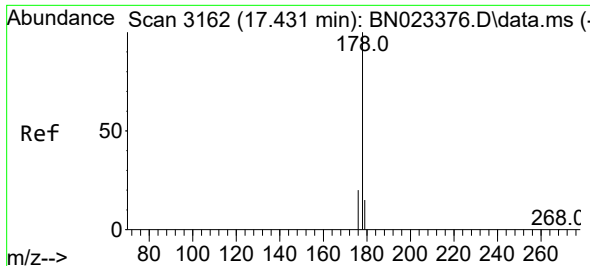
Tgt Ion:166 Resp: 18197
Ion Ratio Lower Upper
166 100
165 99.7 79.1 118.7
167 13.7 11.0 16.4



#14
Pentachlorophenol
Concen: 0.360 ng/ul
RT: 17.043 min Scan# 3070
Delta R.T. 0.002 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

Tgt Ion:266 Resp: 2386
Ion Ratio Lower Upper
266 100
264 61.8 49.8 74.6
268 63.8 51.4 77.0

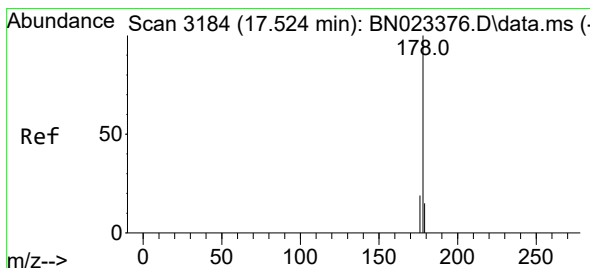
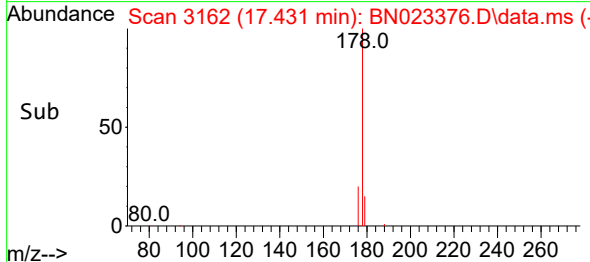
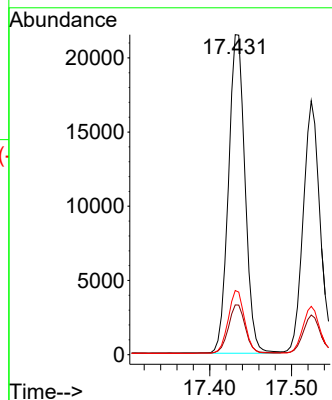
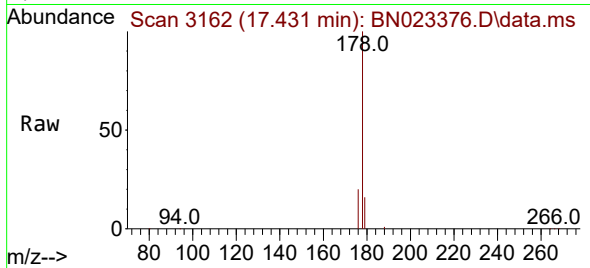




#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.002 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

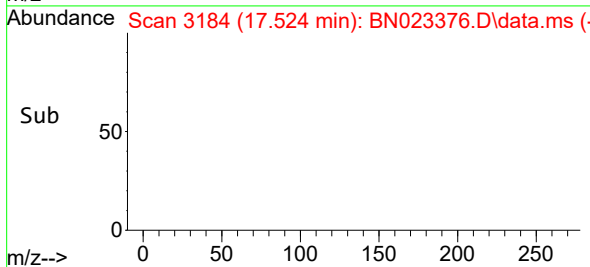
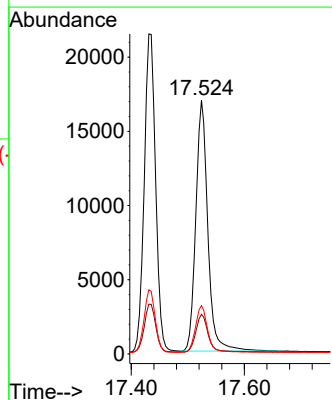
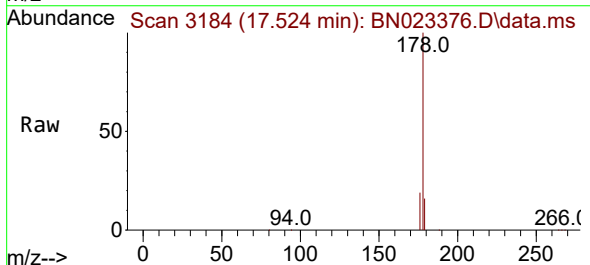
Instrument :
BNA_N
ClientSampleId :
SSTD0.4355

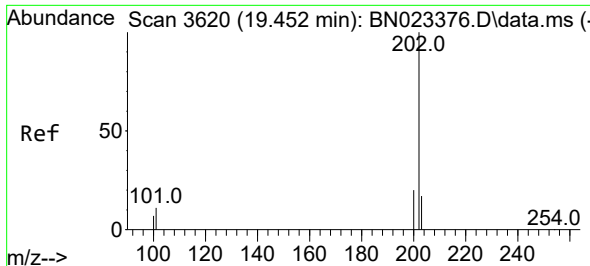
Tgt Ion:178 Resp: 30155
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 20.1 15.7 23.5



#16
Anthracene
Concen: 0.389 ng/ul
RT: 17.524 min Scan# 3184
Delta R.T. -0.002 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

Tgt Ion:178 Resp: 25122
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.1 15.4 23.0

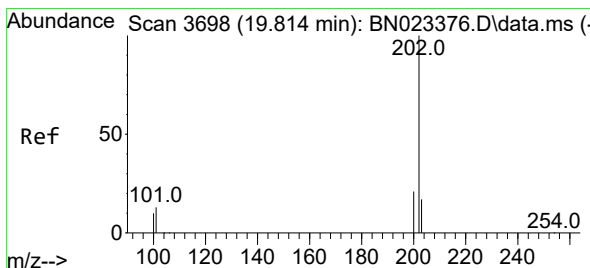
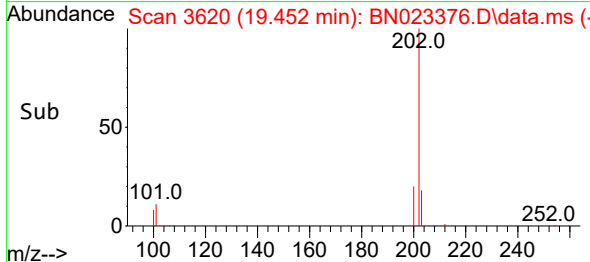
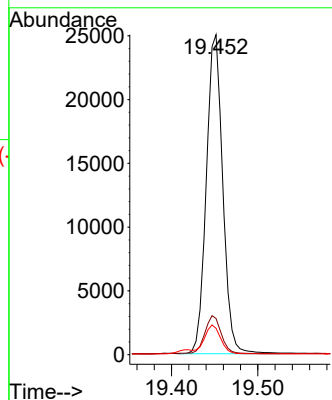
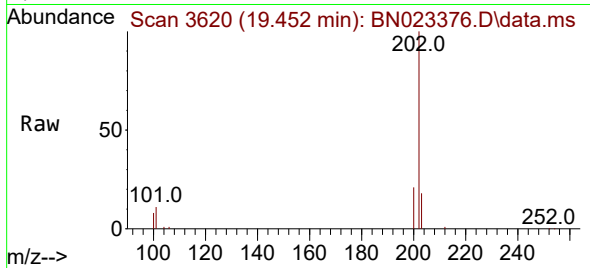




#19
Fluoranthene
Concen: 0.424 ng/ul
RT: 19.452 min Scan# 3620
Delta R.T. 0.003 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

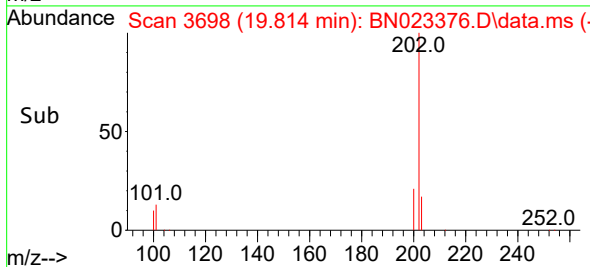
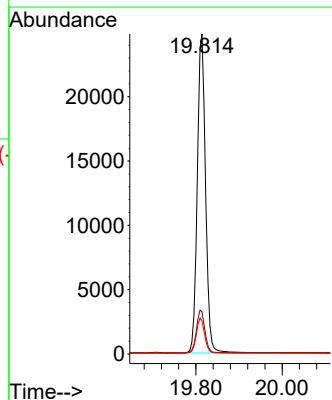
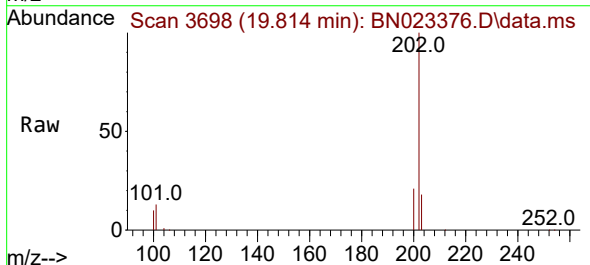
Instrument :
BNA_N
ClientSampleId :
SSTD0.4355

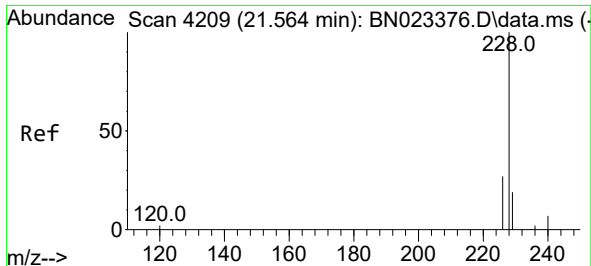
Tgt Ion:202 Resp: 33114
Ion Ratio Lower Upper
202 100
101 11.3 9.4 14.2
100 8.2 7.0 10.6



#20
Pyrene
Concen: 0.421 ng/ul
RT: 19.814 min Scan# 3698
Delta R.T. 0.003 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

Tgt Ion:202 Resp: 33153
Ion Ratio Lower Upper
202 100
101 13.2 11.3 16.9
100 10.3 9.0 13.4

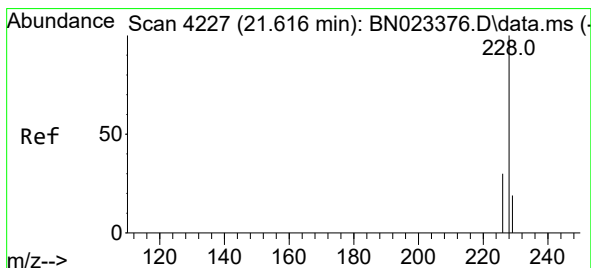
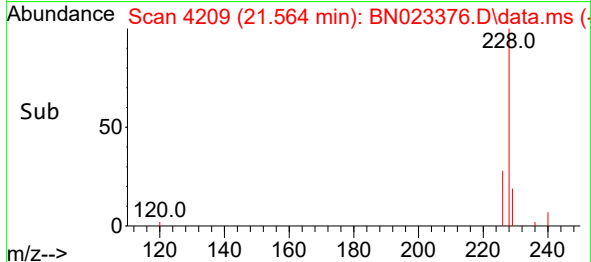
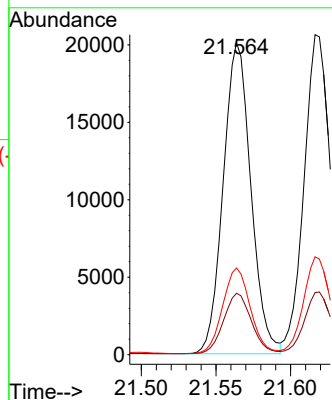
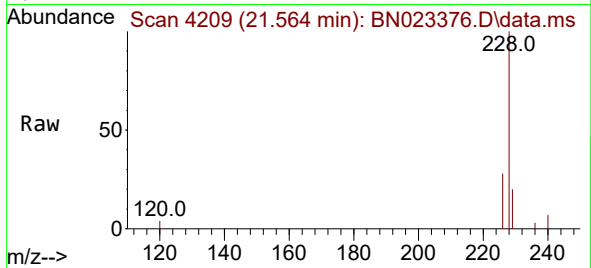




#21
Benzo(a)anthracene
Concen: 0.412 ng/ul
RT: 21.564 min Scan# 4209
Delta R.T. 0.003 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

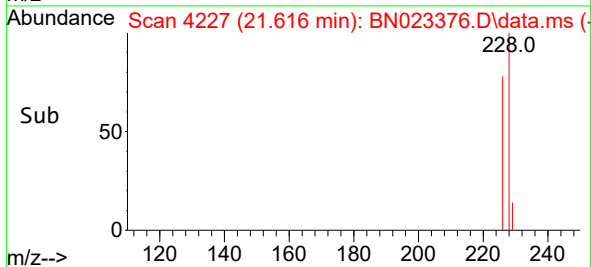
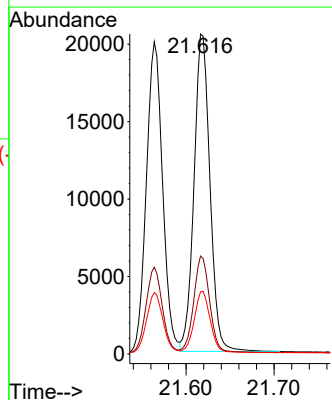
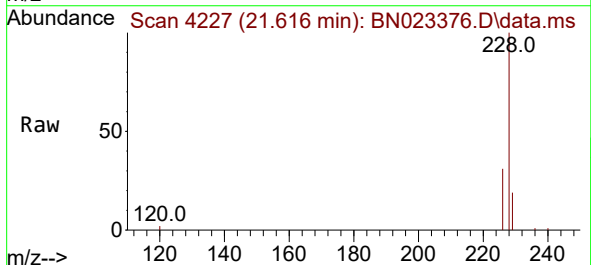
Instrument :
BNA_N
ClientSampleId :
SSTD0.4355

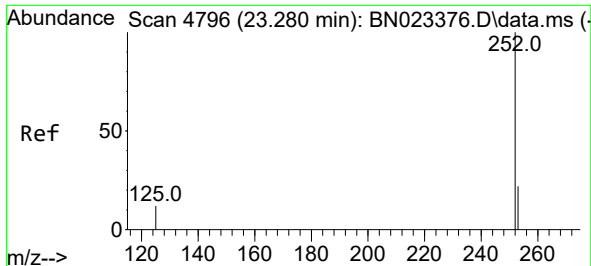
Tgt Ion:228 Resp: 25848
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.000 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

Tgt Ion:228 Resp: 25848
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 19.4 15.8 23.6

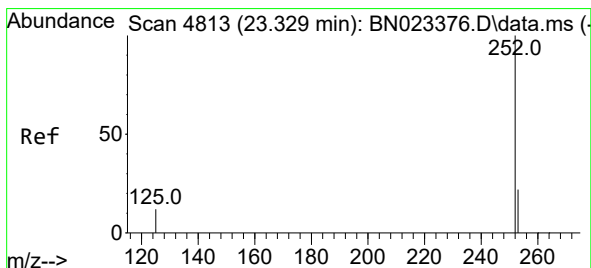
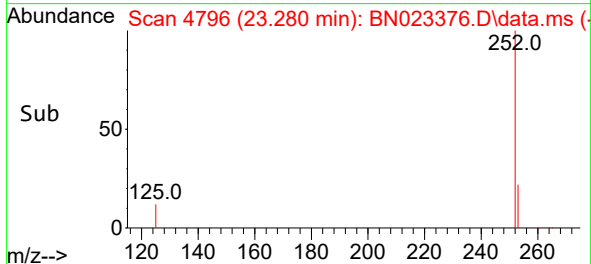
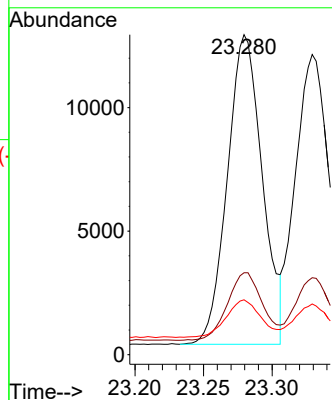
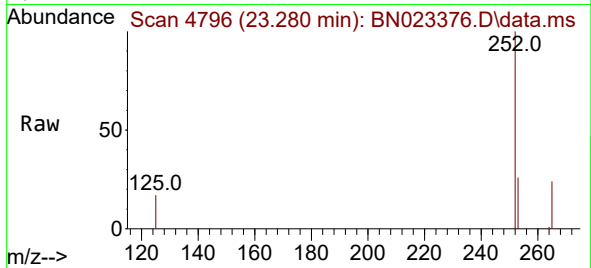




#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 23.280 min Scan# 4796
Delta R.T. 0.006 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

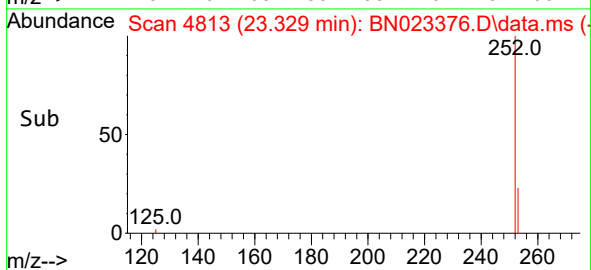
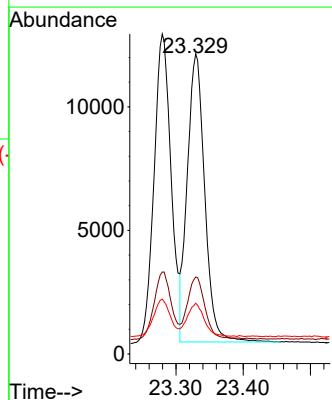
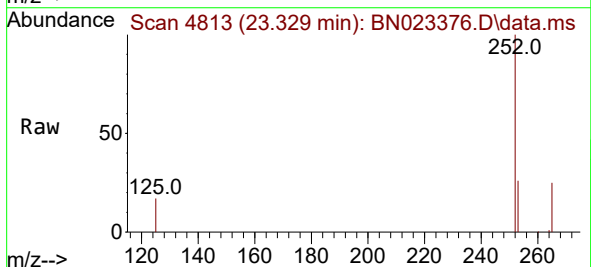
Instrument :
BNA_N
ClientSampleId :
SSTD0.4355

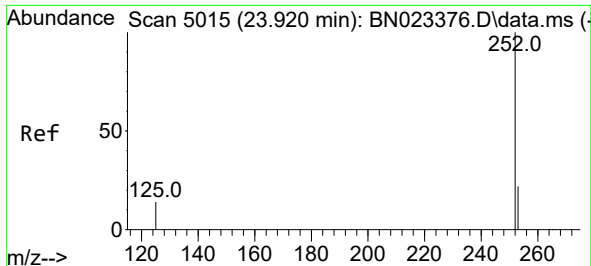
Tgt Ion:252 Resp: 22192
Ion Ratio Lower Upper
252 100
253 25.6 0.0 49.2
125 17.2 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.376 ng/ul
RT: 23.329 min Scan# 4813
Delta R.T. 0.006 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

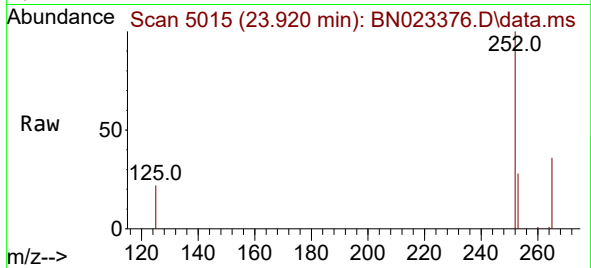
Tgt Ion:252 Resp: 21020
Ion Ratio Lower Upper
252 100
253 25.7 19.8 29.6
125 16.9 12.6 18.8



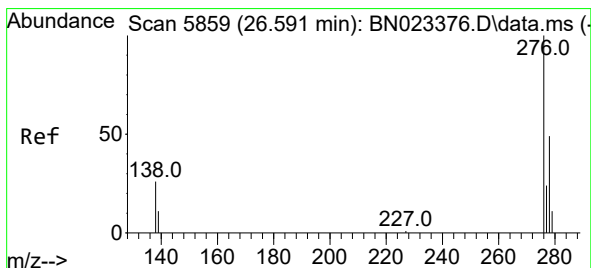
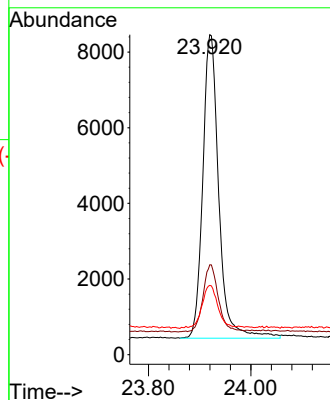
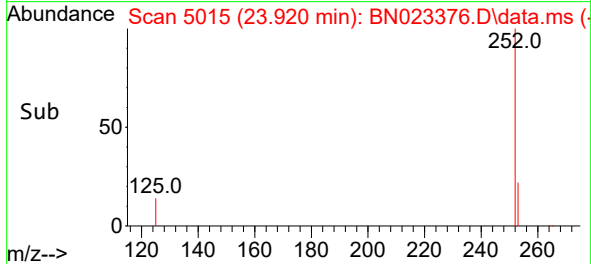


#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.920 min Scan# 5015
Delta R.T. 0.006 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

Instrument :
BNA_N
ClientSampleId :
SSTD0.4355

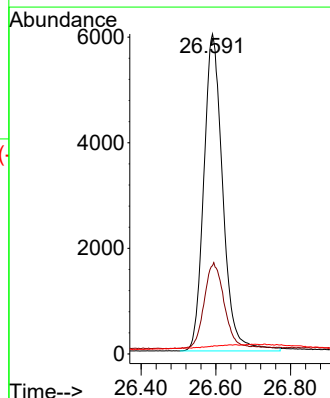
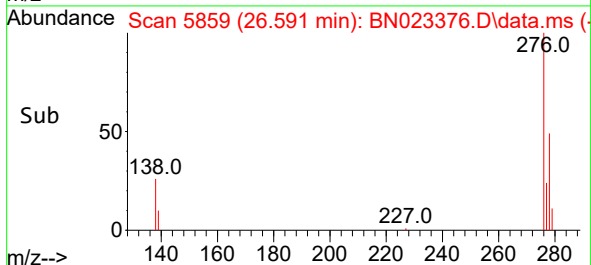
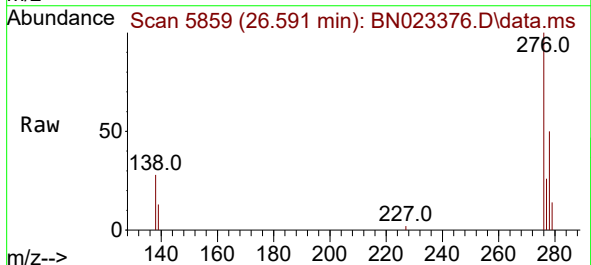


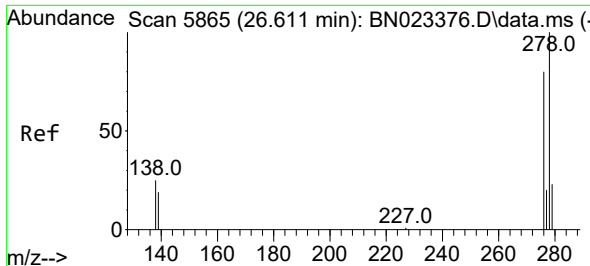
Tgt Ion:252 Resp: 17436
Ion Ratio Lower Upper
252 100
253 28.1 21.4 32.2
125 21.7 16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng/ul
RT: 26.591 min Scan# 5859
Delta R.T. 0.013 min
Lab File: BN023376.D
Acq: 23 Dec 2022 17:49

Tgt Ion:276 Resp: 21119
Ion Ratio Lower Upper
276 100
138 28.7 23.4 35.2
227 0.0 0.0 0.0

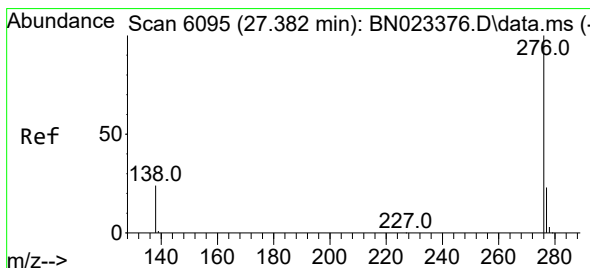
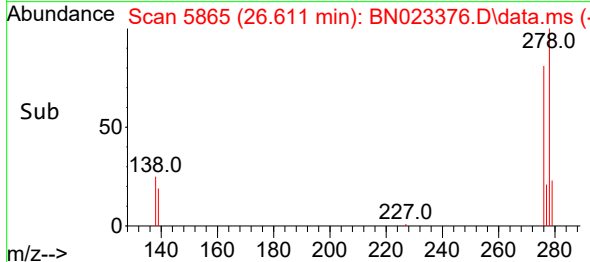
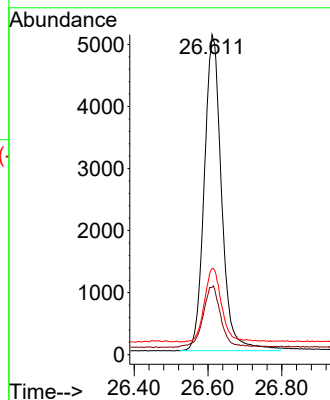
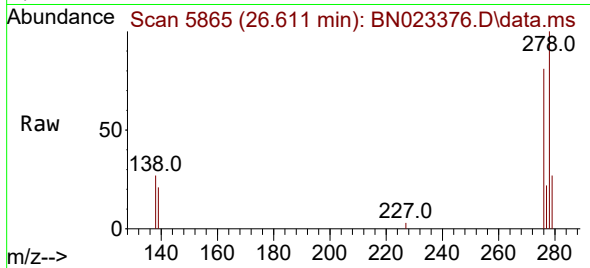




#28
 Dibenzo(a,h)anthracene
 Concen: 0.388 ng/ul
 RT: 26.611 min Scan# 5865
 Delta R.T. 0.010 min
 Lab File: BN023376.D
 Acq: 23 Dec 2022 17:49

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4355

Tgt Ion:278 Resp: 16600
 Ion Ratio Lower Upper
 278 100
 139 21.0 16.6 24.8
 279 26.9 21.3 31.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.403 ng/ul
 RT: 27.382 min Scan# 6095
 Delta R.T. 0.013 min
 Lab File: BN023376.D
 Acq: 23 Dec 2022 17:49

Tgt Ion:276 Resp: 18082
 Ion Ratio Lower Upper
 276 100
 138 26.0 20.3 30.5
 277 24.5 19.7 29.5

