

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022195.D
 Acq On : 19 Oct 2022 13:49
 Operator : CG/JU
 Sample : SSTD3.251
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2207

Quant Time: Oct 19 23:21:55 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 : Wed Oct 19 23:19:45 2022
 Response via : Initial Calibration

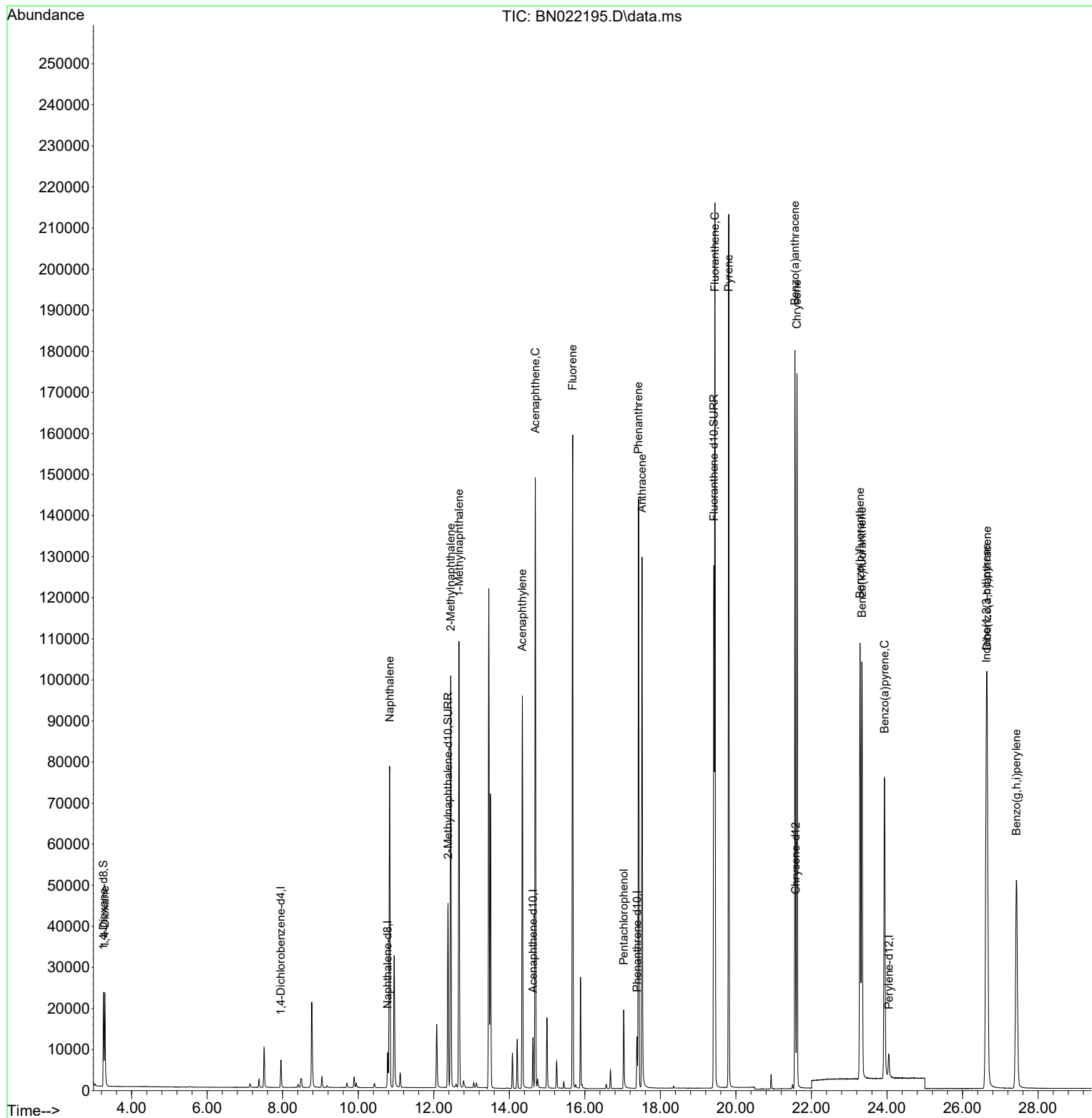
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	3574	0.400	ng/ul	0.00
4) Naphthalene-d8	10.777	136	11294	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.627	164	6600	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.382	188	13974	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	11745	0.400	ng/ul	0.00
23) Perylene-d12	24.049	264	8421	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	14586	3.317	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.378	152	57188	3.198	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	127776	2.925	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	15479	3.432	ng/ul#	86
5) Naphthalene	10.832	128	108059	3.393	ng/ul	98
7) 2-Methylnaphthalene	12.449	142	70269	3.395	ng/ul	100
8) 1-Methylnaphthalene	12.669	142	73747	3.474	ng/ul	100
10) Acenaphthylene	14.345	152	105497	3.806	ng/ul	99
11) Acenaphthene	14.688	153	81646	3.477	ng/ul	99
12) Fluorene	15.678	166	95801	3.636	ng/ul	100
14) Pentachlorophenol	17.032	266	13297	4.911	ng/ul	99
15) Phenanthrene	17.420	178	152907	3.469	ng/ul	99
16) Anthracene	17.513	178	140772	3.847	ng/ul	100
19) Fluoranthene	19.444	202	172339	3.143	ng/ul	98
20) Pyrene	19.811	202	170098	3.145	ng/ul	98
21) Benzo(a)anthracene	21.564	228	147361	3.745	ng/ul	99
22) Chrysene	21.616	228	144078	3.357	ng/ul	99
24) Benzo(b)fluoranthene	23.286	252	139449	3.413	ng/ul	94
25) Benzo(k)fluoranthene	23.335	252	138419	3.495	ng/ul	94
26) Benzo(a)pyrene	23.935	252	112932	3.650	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.631	276	141310	4.058	ng/ul	100
28) Dibenzo(a,h)anthracene	26.651	278	113790	3.851	ng/ul	97
29) Benzo(g,h,i)perylene	27.426	276	113188	3.529	ng/ul	97

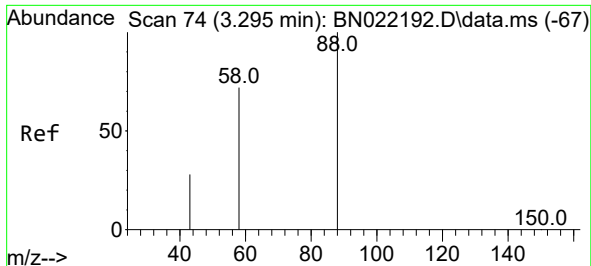
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022195.D
Acq On : 19 Oct 2022 13:49
Operator : CG/JU
Sample : SST3.251
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Quant Time: Oct 19 23:21:55 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 : Wed Oct 19 23:19:45 2022
Response via : Initial Calibration

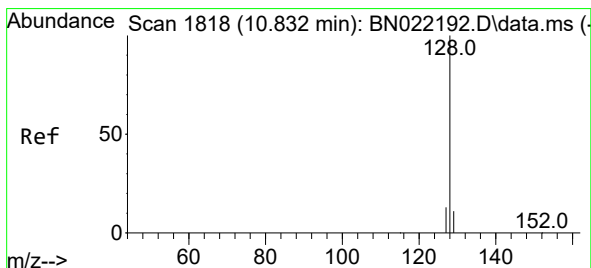
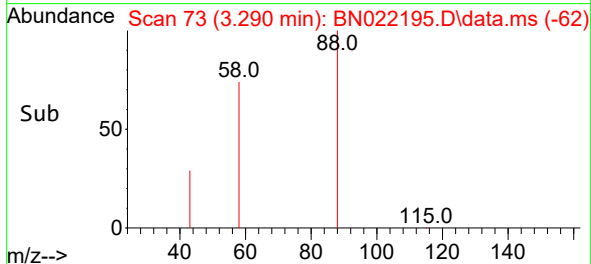
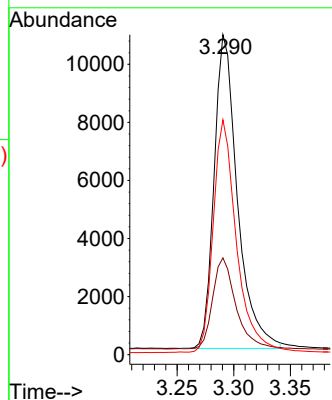
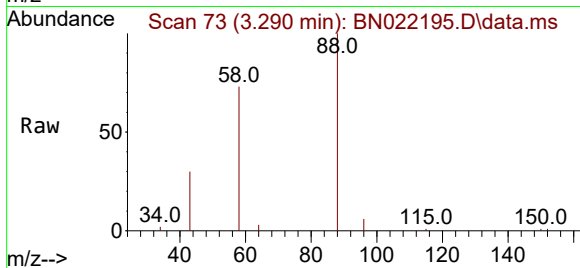




#2
1,4-Dioxane
Concen: 3.432 ng/ul
RT: 3.290 min Scan# 74
Delta R.T. -0.005 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

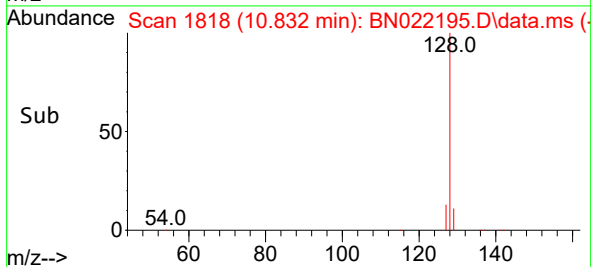
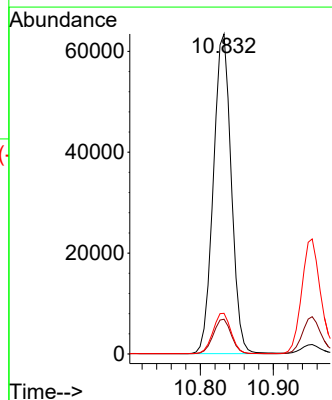
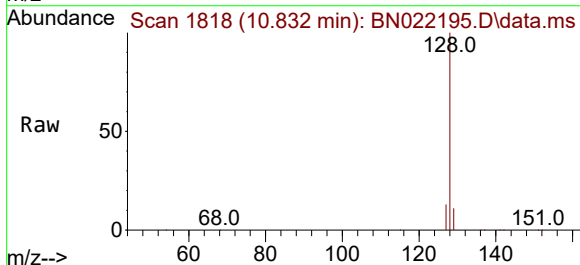
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

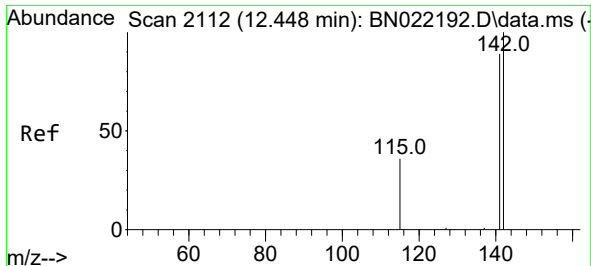
Tgt Ion: 88 Resp: 15479
Ion Ratio Lower Upper
88 100
43 30.2 27.4 41.2
58 73.4 48.2 72.2#



#5
Naphthalene
Concen: 3.393 ng/ul
RT: 10.832 min Scan# 1818
Delta R.T. 0.001 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

Tgt Ion: 128 Resp: 108059
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 12.7 10.7 16.1

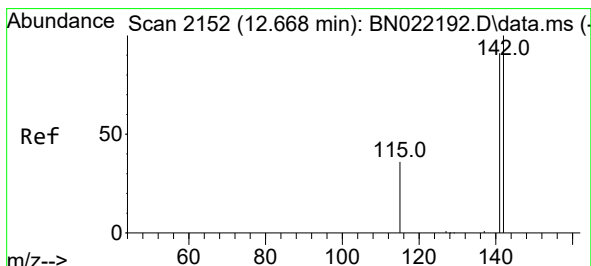
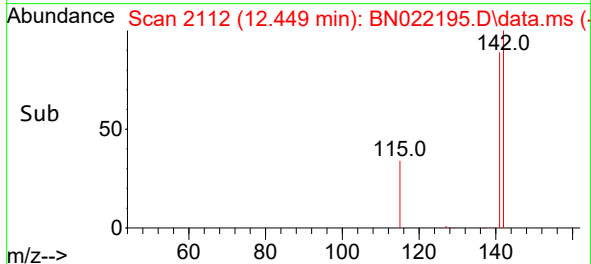
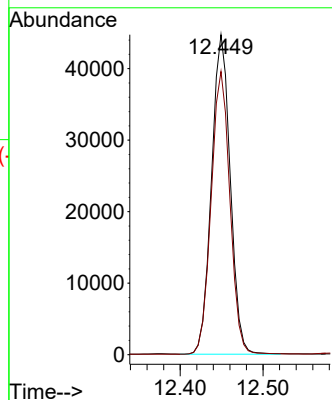
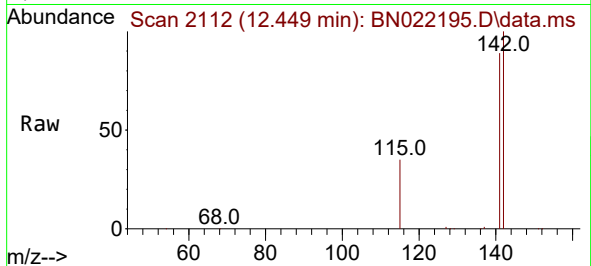




#7
2-Methylnaphthalene
Concen: 3.395 ng/ul
RT: 12.449 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

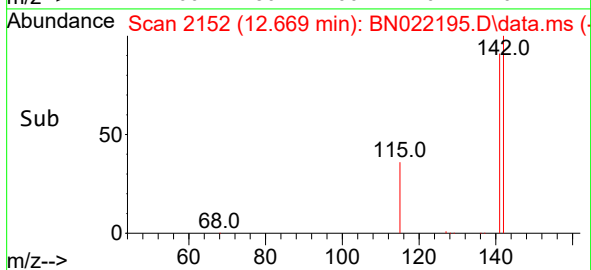
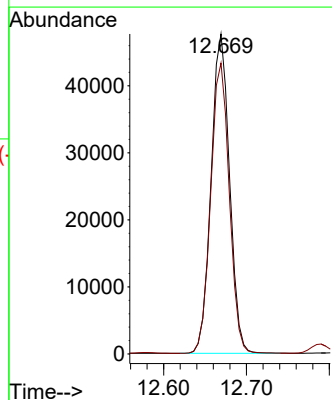
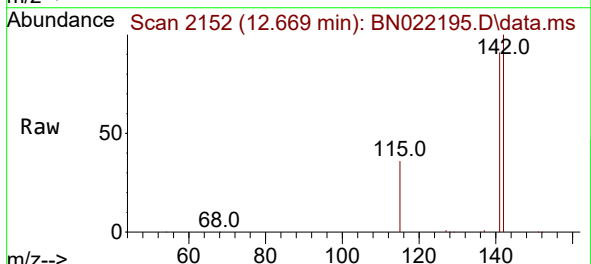
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

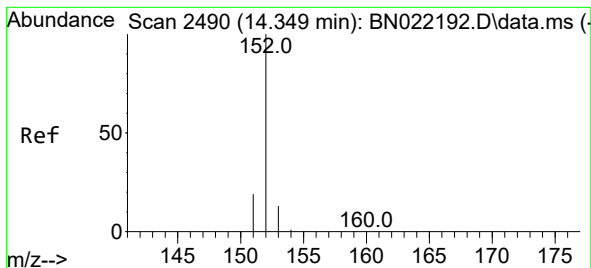
Tgt Ion:142 Resp: 70269
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7



#8
1-Methylnaphthalene
Concen: 3.474 ng/ul
RT: 12.669 min Scan# 2152
Delta R.T. 0.001 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

Tgt Ion:142 Resp: 73747
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9





#10

Acenaphthylene

Concen: 3.806 ng/ul

RT: 14.345 min Scan# 2490

Delta R.T. -0.004 min

Lab File: BN022195.D

Acq: 19 Oct 2022 13:49

Instrument :

BNA_N

ClientSampleId :

SSTD3.2207

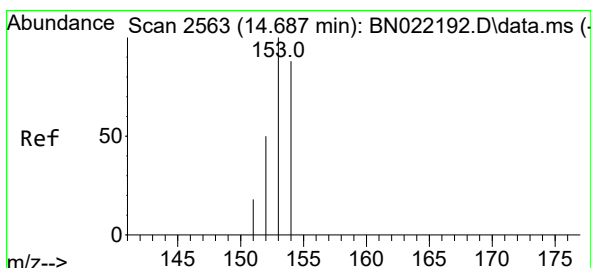
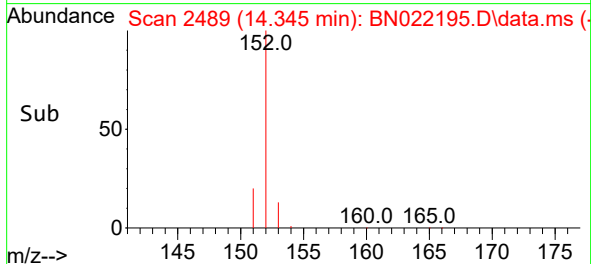
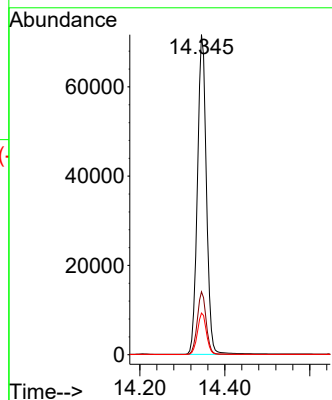
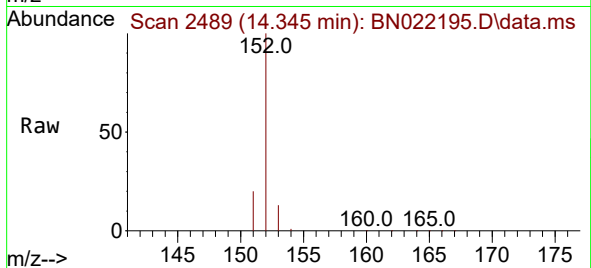
Tgt Ion:152 Resp: 105497

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 13.0 10.8 16.2



#11

Acenaphthene

Concen: 3.477 ng/ul

RT: 14.688 min Scan# 2563

Delta R.T. 0.001 min

Lab File: BN022195.D

Acq: 19 Oct 2022 13:49

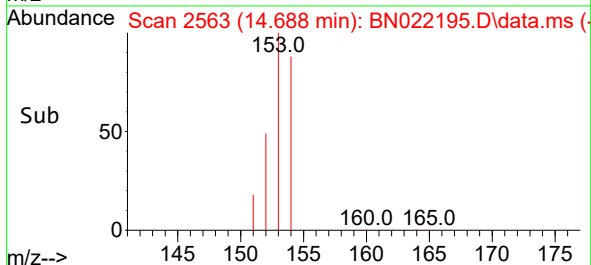
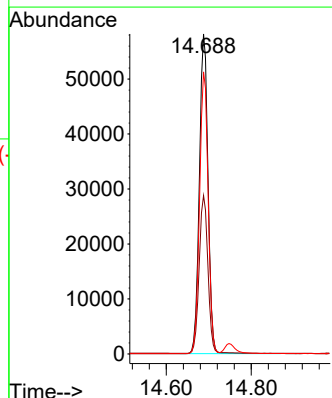
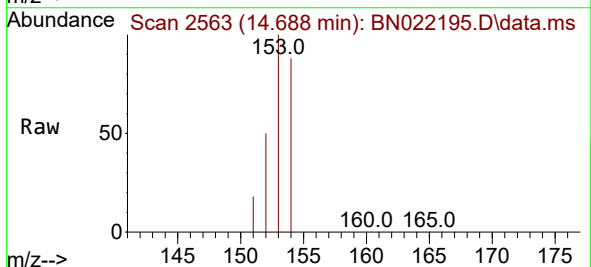
Tgt Ion:153 Resp: 81646

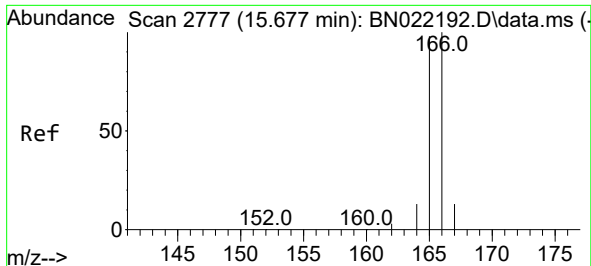
Ion Ratio Lower Upper

153 100

152 49.5 40.6 61.0

154 88.2 70.6 106.0

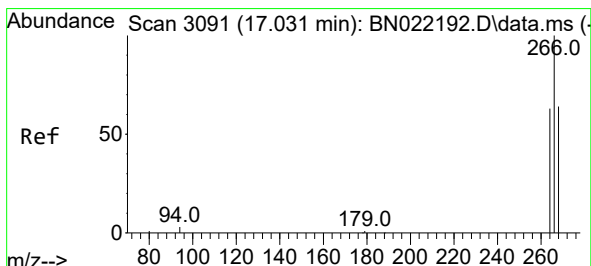
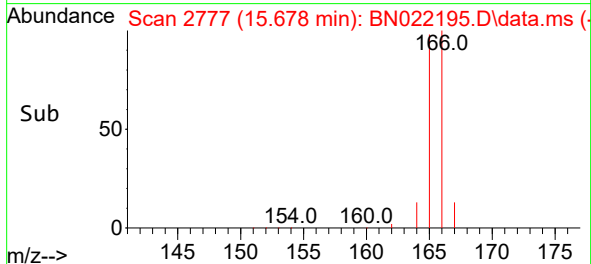
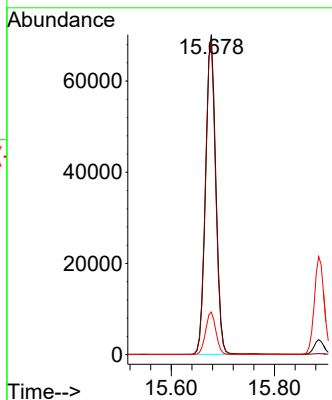
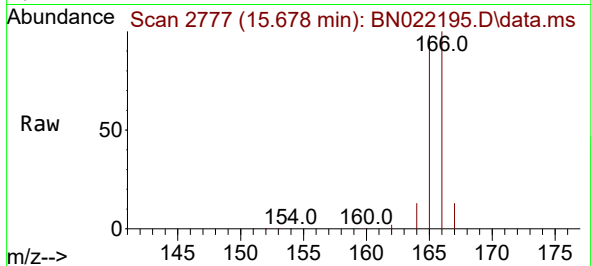




#12
Fluorene
Concen: 3.636 ng/ul
RT: 15.678 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

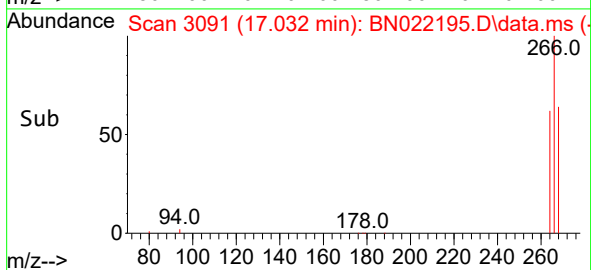
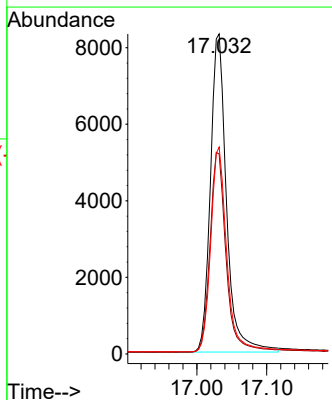
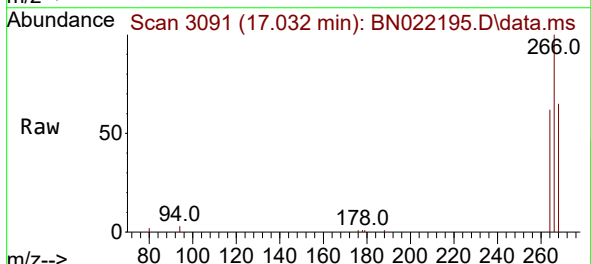
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

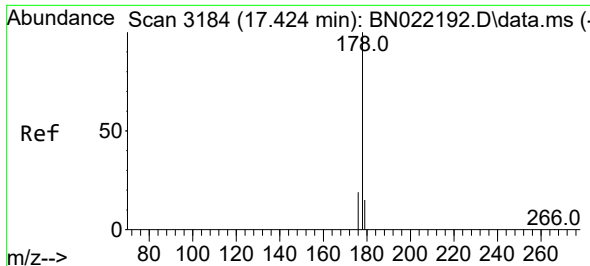
Tgt Ion:166 Resp: 95801
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.2
167 13.3 11.0 16.4



#14
Pentachlorophenol
Concen: 4.911 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. 0.001 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

Tgt Ion:266 Resp: 13297
Ion Ratio Lower Upper
266 100
264 63.0 49.8 74.6
268 64.1 51.4 77.2

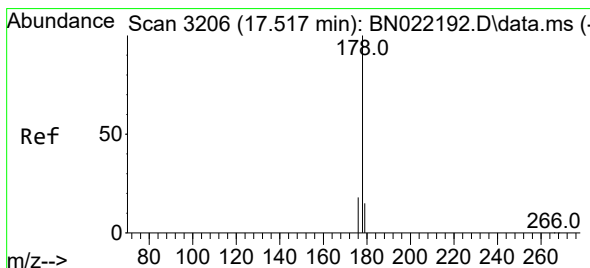
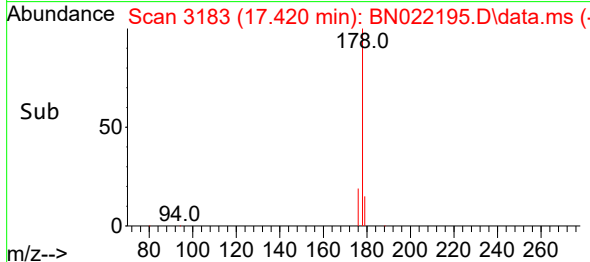
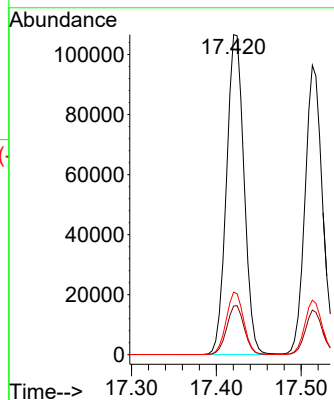
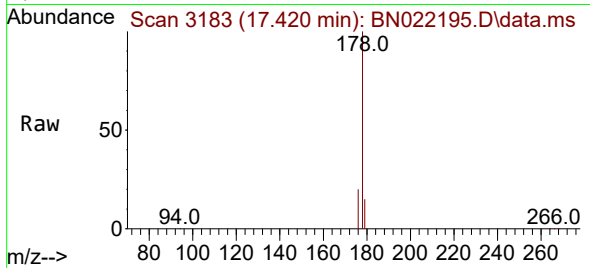




#15
Phenanthrene
Concen: 3.469 ng/ul
RT: 17.420 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

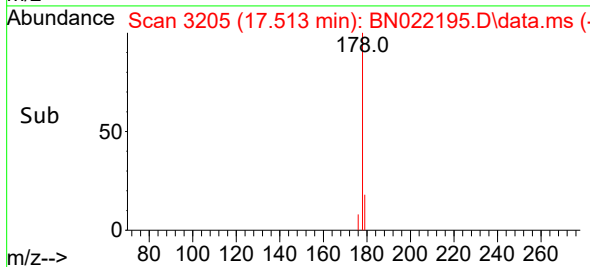
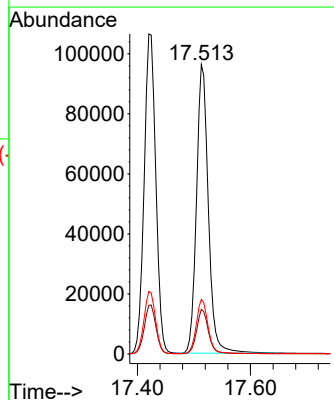
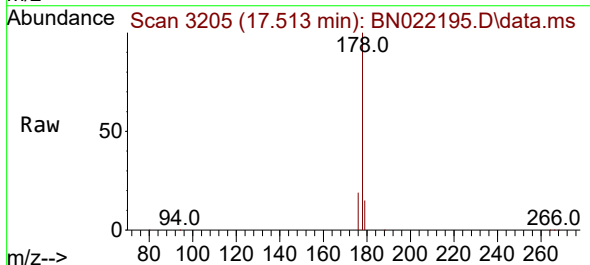
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

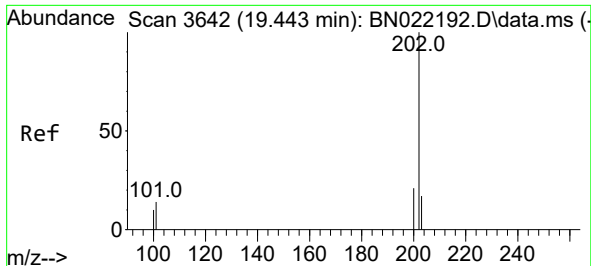
Tgt Ion:178 Resp: 152907
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.5 15.4 23.2



#16
Anthracene
Concen: 3.847 ng/ul
RT: 17.513 min Scan# 3205
Delta R.T. -0.003 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

Tgt Ion:178 Resp: 140772
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 18.9 15.0 22.6

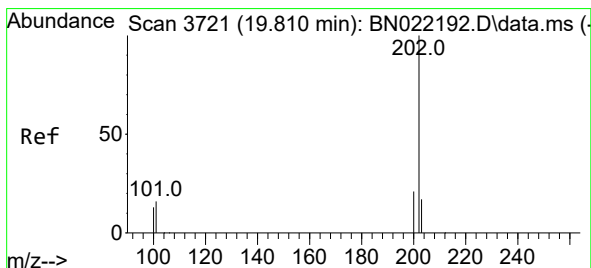
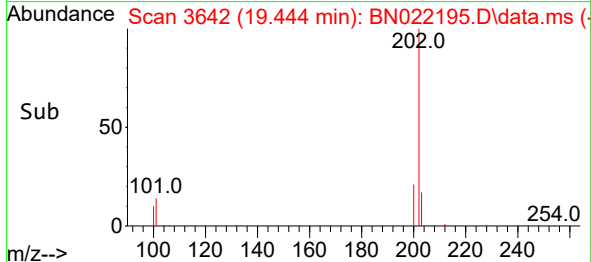
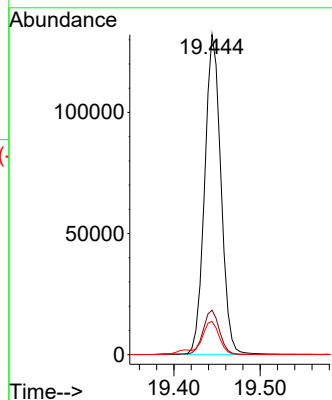
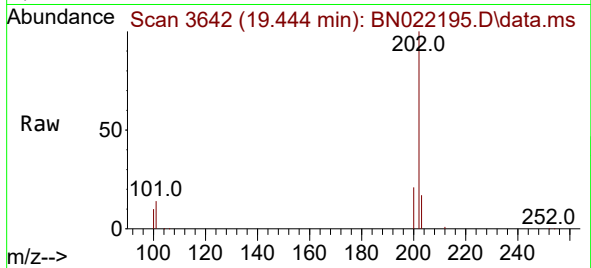




#19
Fluoranthene
Concen: 3.143 ng/ul
RT: 19.444 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

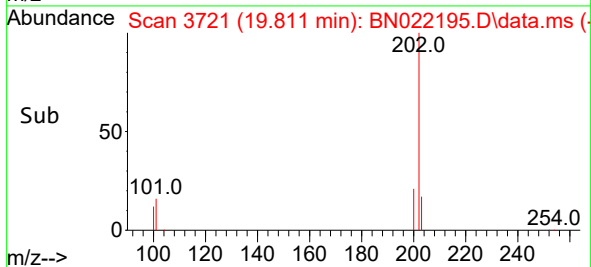
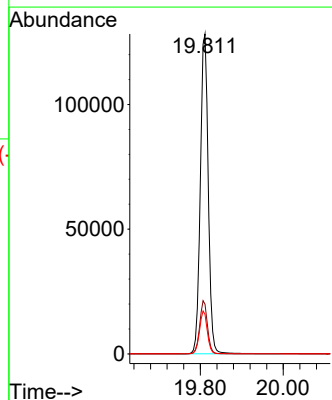
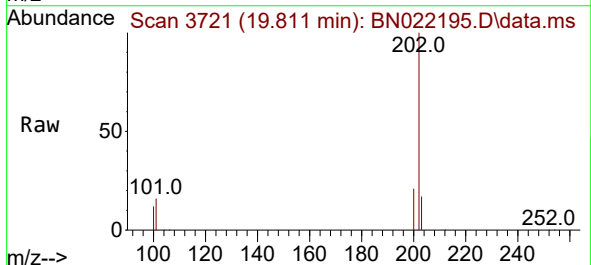
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

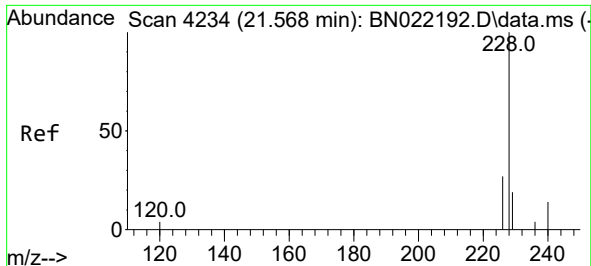
Tgt Ion:202 Resp: 172339
Ion Ratio Lower Upper
202 100
101 13.9 11.8 17.6
100 10.4 8.7 13.1



#20
Pyrene
Concen: 3.145 ng/ul
RT: 19.811 min Scan# 3721
Delta R.T. 0.001 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

Tgt Ion:202 Resp: 170098
Ion Ratio Lower Upper
202 100
101 15.6 13.1 19.7
100 12.3 10.6 16.0

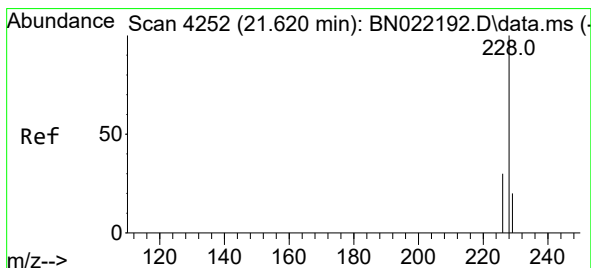
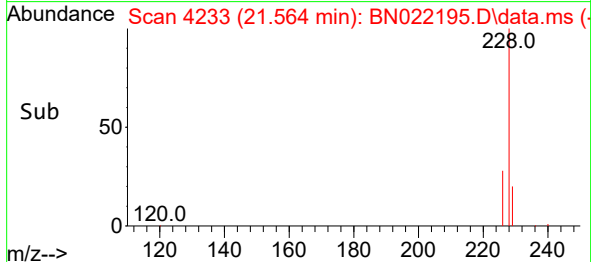
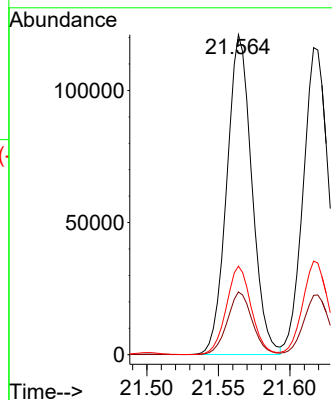
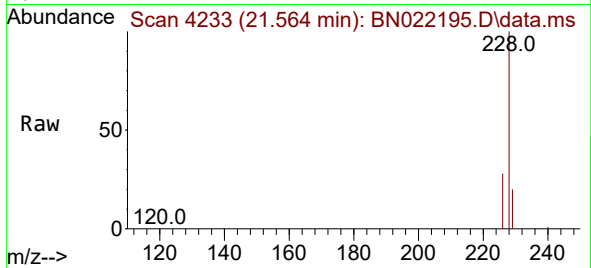




#21
Benzo(a)anthracene
Concen: 3.745 ng/ul
RT: 21.564 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

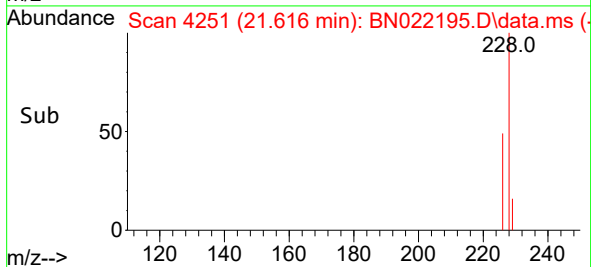
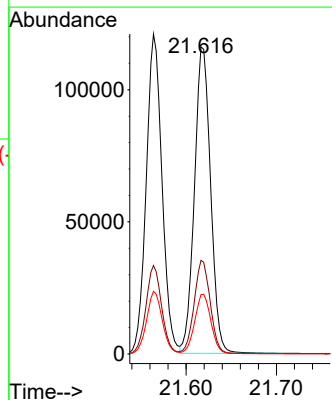
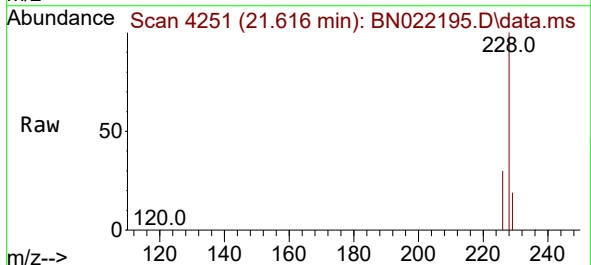
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

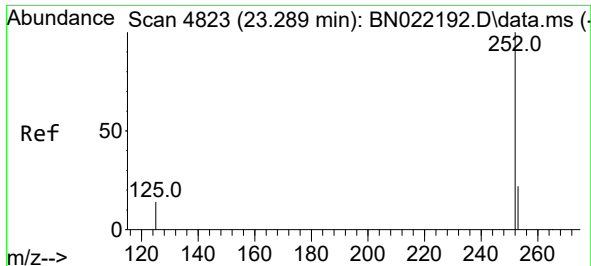
Tgt Ion:228 Resp: 147361
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.6 21.5 32.3



#22
Chrysene
Concen: 3.357 ng/ul
RT: 21.616 min Scan# 4251
Delta R.T. -0.004 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

Tgt Ion:228 Resp: 144078
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 19.3 15.9 23.9

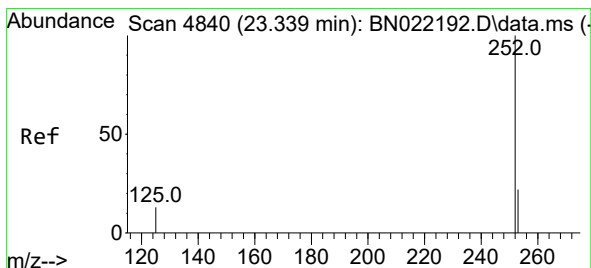
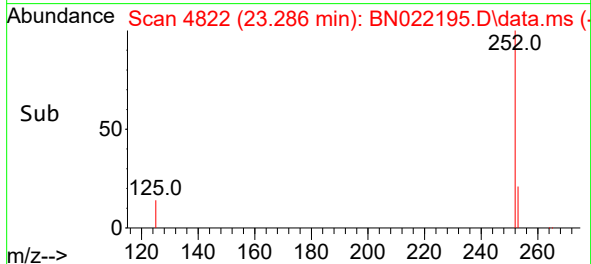
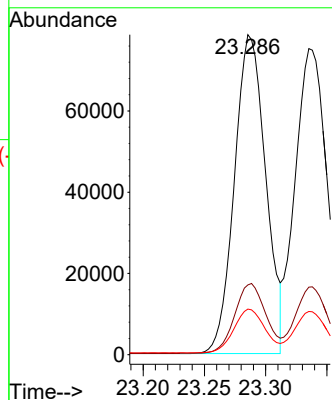
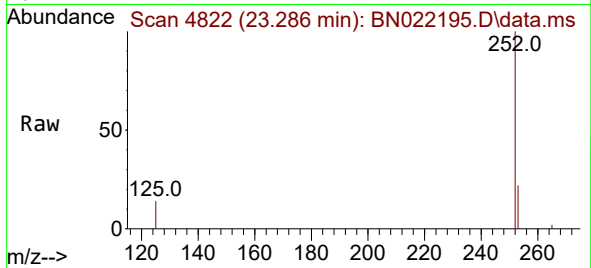




#24
Benzo(b)fluoranthene
Concen: 3.413 ng/ul
RT: 23.286 min Scan# 4822
Delta R.T. -0.004 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

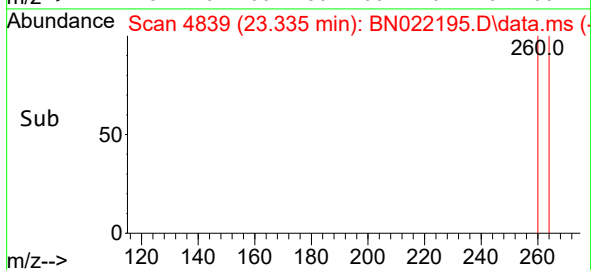
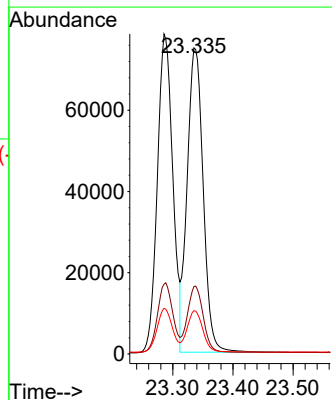
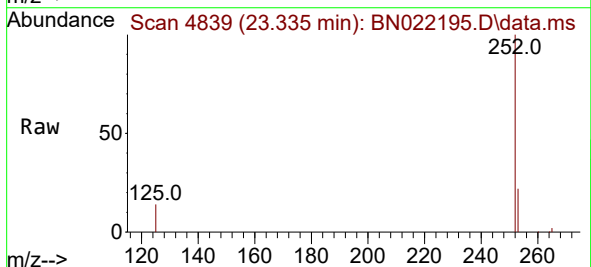
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

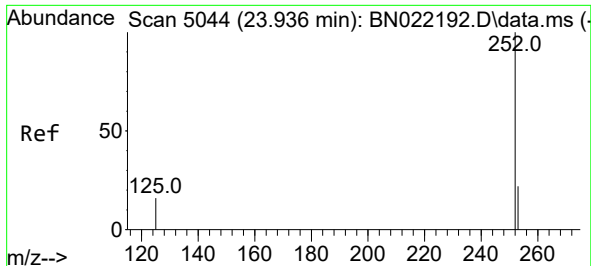
Tgt Ion:252 Resp: 139449
Ion Ratio Lower Upper
252 100
253 21.8 0.0 49.0
125 14.3 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 3.495 ng/ul
RT: 23.335 min Scan# 4839
Delta R.T. -0.004 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

Tgt Ion:252 Resp: 138419
Ion Ratio Lower Upper
252 100
253 22.1 19.7 29.5
125 14.1 14.0 21.0

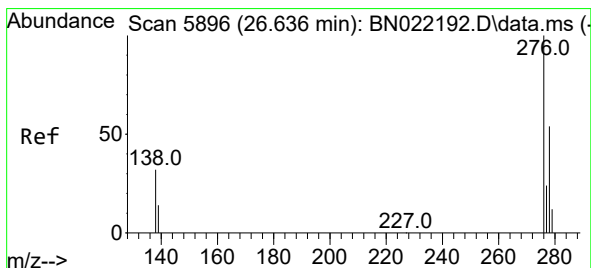
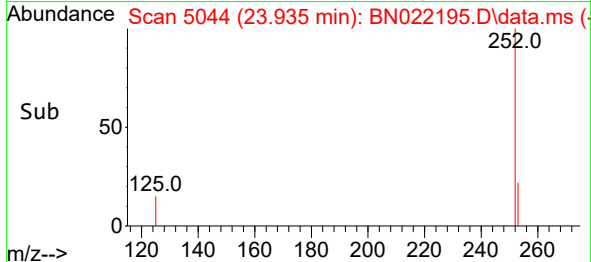
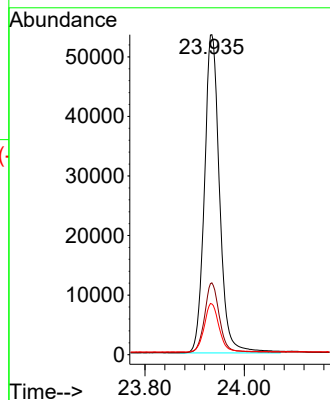
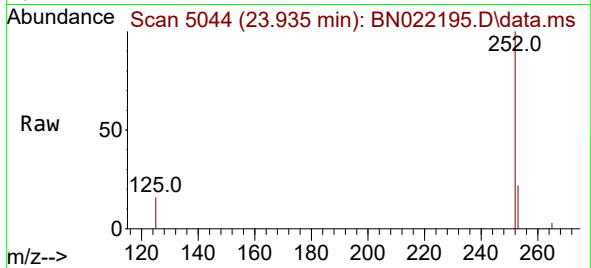




#26
Benzo(a)pyrene
Concen: 3.650 ng/ul
RT: 23.935 min Scan# 5044
Delta R.T. -0.001 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

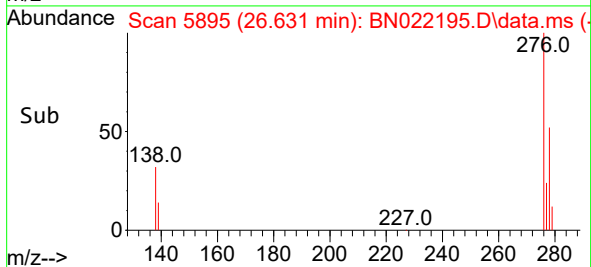
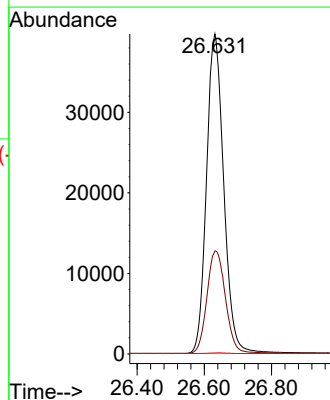
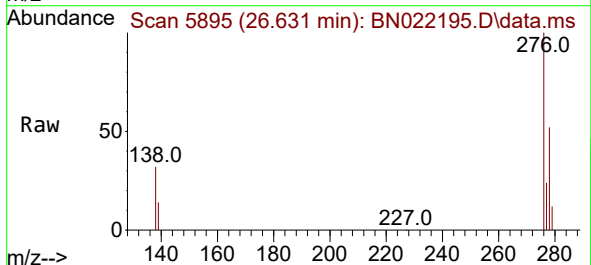
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

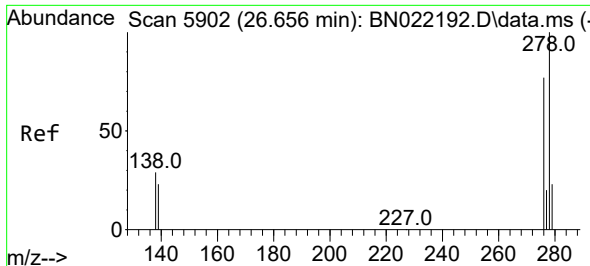
Tgt Ion:252 Resp: 112932
Ion Ratio Lower Upper
252 100
253 22.4 21.0 31.6
125 15.9 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.058 ng/ul
RT: 26.631 min Scan# 5895
Delta R.T. -0.004 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

Tgt Ion:276 Resp: 141310
Ion Ratio Lower Upper
276 100
138 34.5 27.7 41.5
227 0.2 0.2 0.2

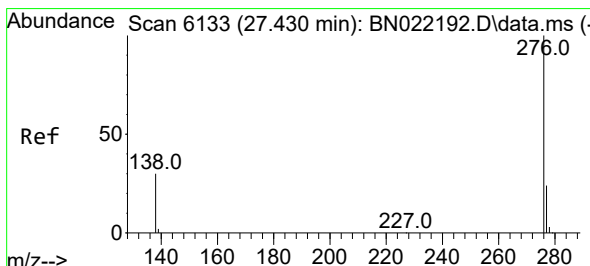
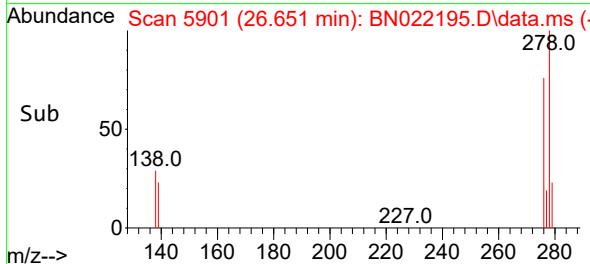
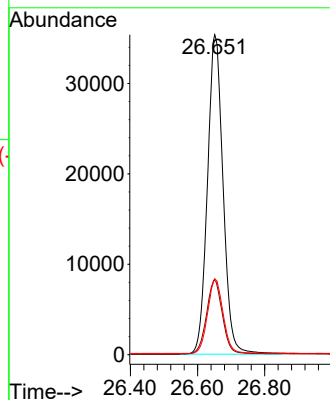
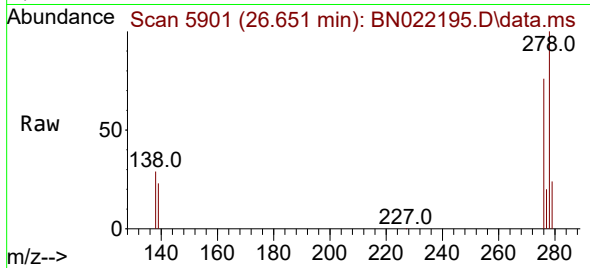




#28
Dibenzo(a,h)anthracene
Concen: 3.851 ng/ul
RT: 26.651 min Scan# 5901
Delta R.T. -0.004 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Tgt Ion:278 Resp: 113790
Ion Ratio Lower Upper
278 100
139 23.2 19.6 29.4
279 23.8 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 3.529 ng/ul
RT: 27.426 min Scan# 6132
Delta R.T. -0.004 min
Lab File: BN022195.D
Acq: 19 Oct 2022 13:49

Tgt Ion:276 Resp: 113188
Ion Ratio Lower Upper
276 100
138 29.8 25.2 37.8
277 23.9 19.9 29.9

