

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
 Data File : BN021881.D
 Acq On : 23 Sep 2022 01:40
 Operator : CG/JU
 Sample : PB147815BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS815

Quant Time: Sep 23 02:13:41 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 00:20:21 2022
 Response via : Initial Calibration

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

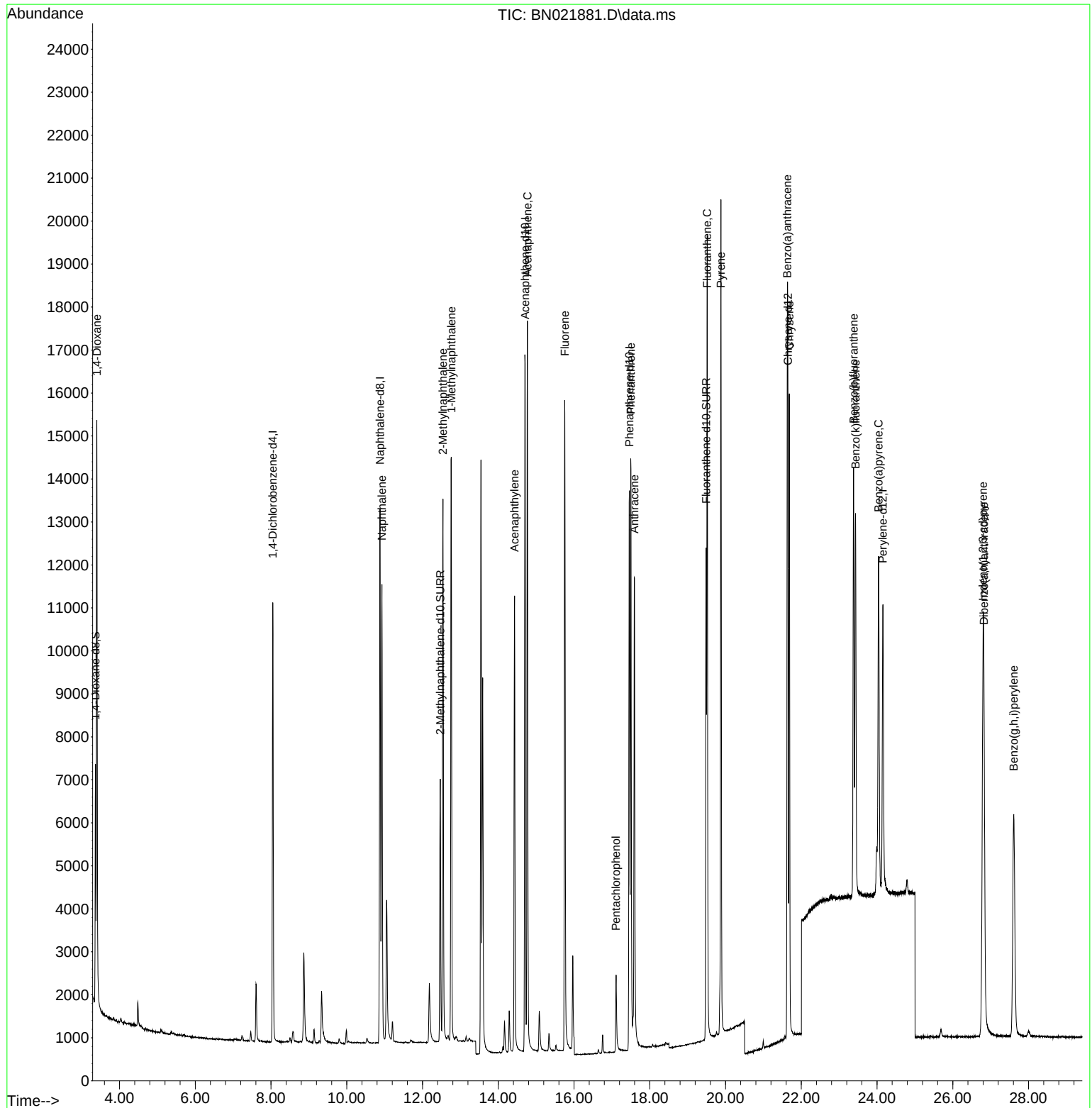
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	5290	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	17360	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.707	164	9488	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	16656	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	11458	0.400	ng/ul	# 0.00
23) Perylene-d12	24.152	264	10094	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	3574	0.549	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	8475	0.308	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	13039	0.306	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.401	88	9578	1.435	ng/ul#	89
5) Naphthalene	10.927	128	14942	0.305	ng/ul	98
7) 2-Methylnaphthalene	12.539	142	9625	0.303	ng/ul	98
8) 1-Methylnaphthalene	12.759	142	9989	0.306	ng/ul	99
10) Acenaphthylene	14.430	152	13330	0.335	ng/ul	98
11) Acenaphthene	14.768	153	10127	0.300	ng/ul	100
12) Fluorene	15.753	166	10839	0.286	ng/ul	99
14) Pentachlorophenol	17.109	266	1525	0.473	ng/ul	99
15) Phenanthrene	17.498	178	15720	0.299	ng/ul	100
16) Anthracene	17.591	178	13932	0.319	ng/ul	99
19) Fluoranthene	19.515	202	16070	0.300	ng/ul	97
20) Pyrene	19.878	202	16217	0.307	ng/ul	95
21) Benzo(a)anthracene	21.630	228	13657	0.356	ng/ul	98
22) Chrysene	21.685	228	13925	0.333	ng/ul	99
24) Benzo(b)fluoranthene	23.381	252	13838	0.283	ng/ul	90
25) Benzo(k)fluoranthene	23.430	252	12787	0.269	ng/ul#	88
26) Benzo(a)pyrene	24.038	252	12938	0.349	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.797	276	14728	0.353	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.821	278	12059	0.341	ng/ul#	94
29) Benzo(g,h,i)perylene	27.606	276	12821	0.334	ng/ul	95

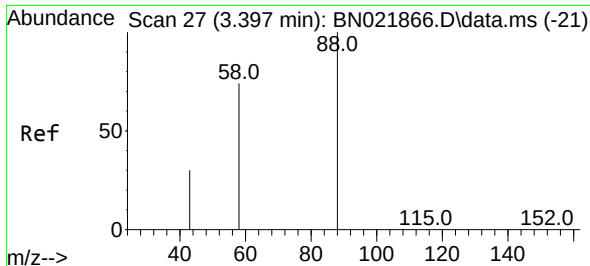
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 23 02:13:41 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

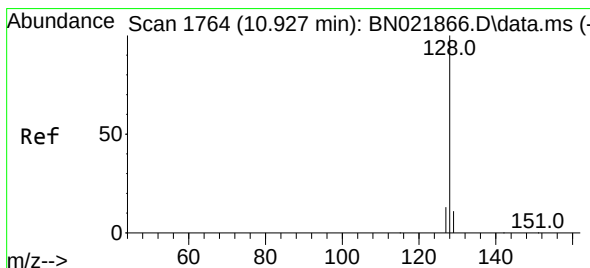
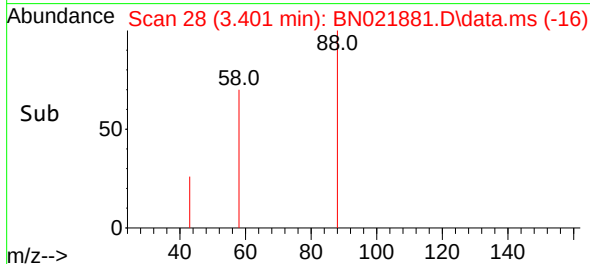
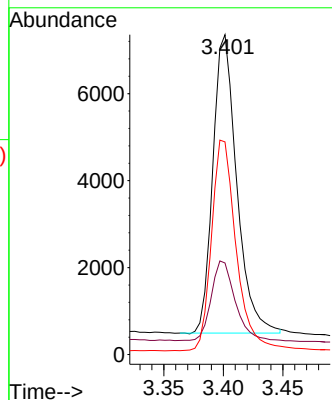
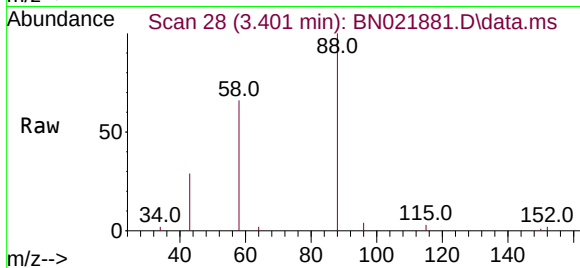




#2
1,4-Dioxane
Concen: 1.435 ng/ul
RT: 3.401 min Scan# 28
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

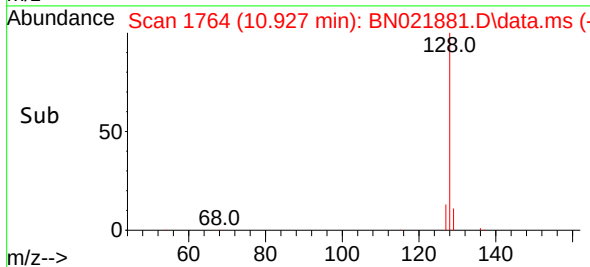
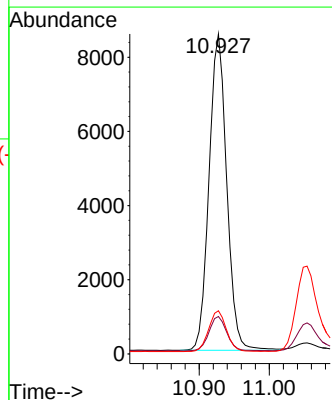
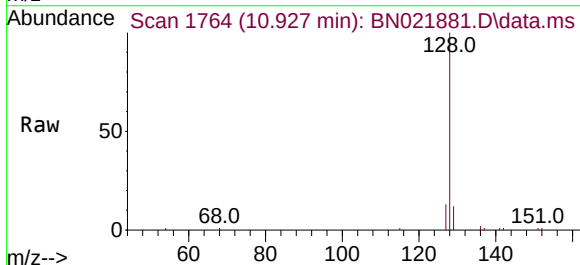
Instrument :
BNA_N
ClientSampleId :
SLCS815

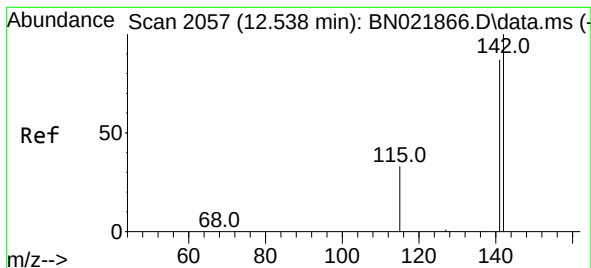
Tgt Ion: 88 Resp: 9578
Ion Ratio Lower Upper
88 100
43 28.6 31.4 47.0#
58 66.5 49.0 73.6



#5
Naphthalene
Concen: 0.305 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.005 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion: 128 Resp: 14942
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.6
127 13.5 11.6 17.4

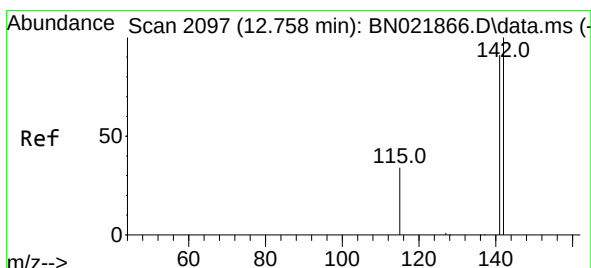
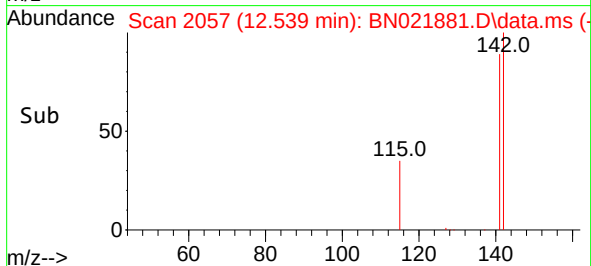
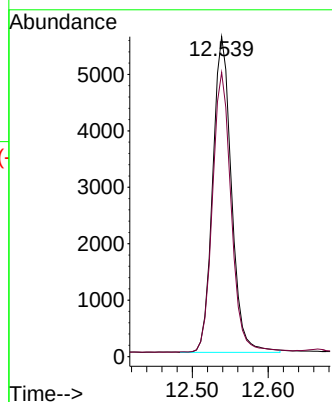
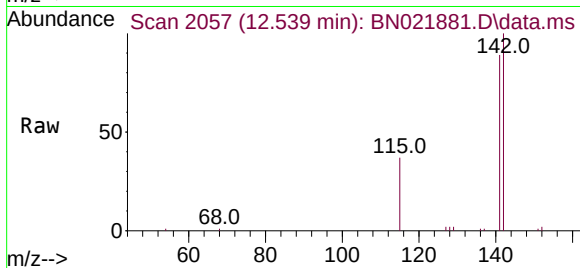




#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.539 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

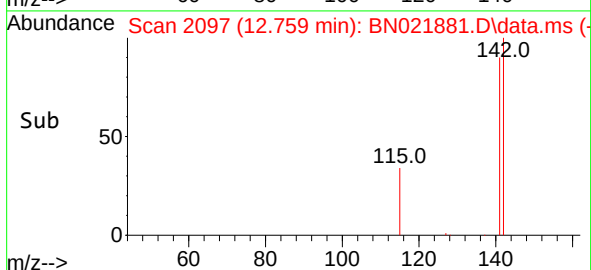
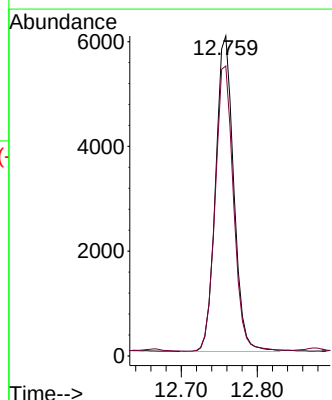
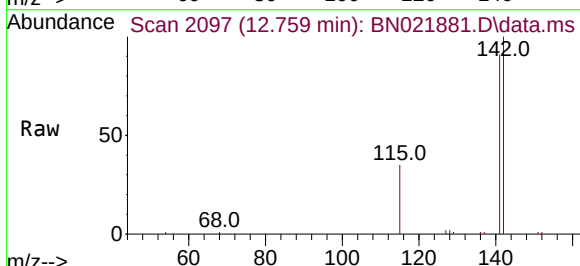
Instrument :
BNA_N
ClientSampleId :
SLCS815

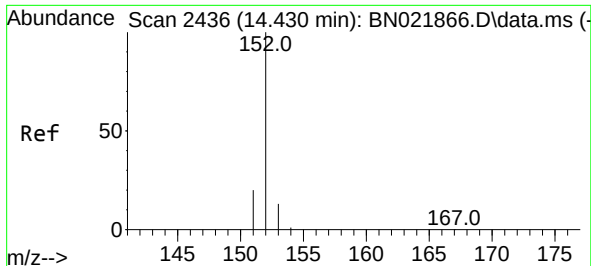
Tgt Ion:142 Resp: 9625
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.759 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:142 Resp: 9989
Ion Ratio Lower Upper
142 100
141 91.8 73.9 110.9

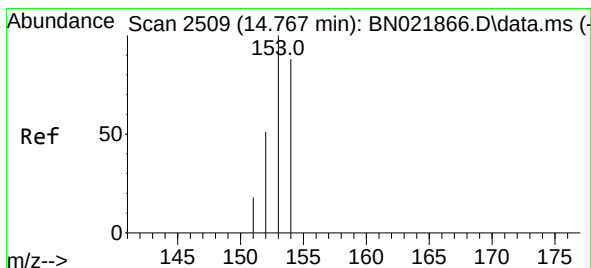
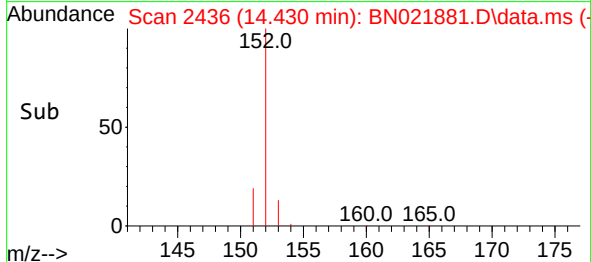
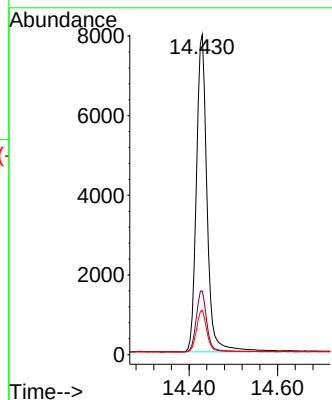
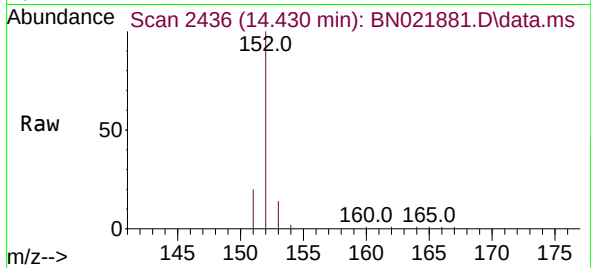




#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 14.430 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

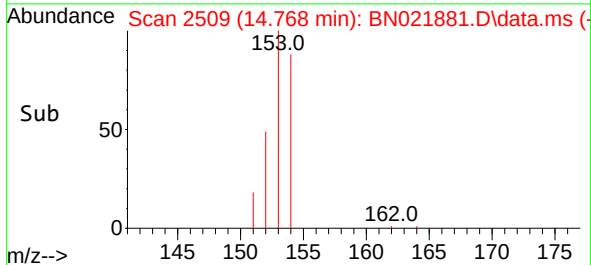
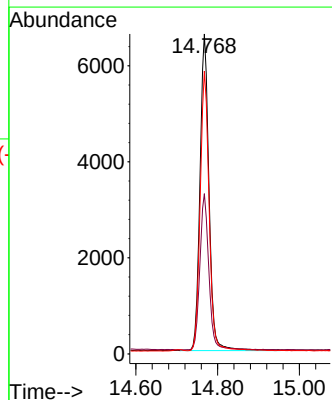
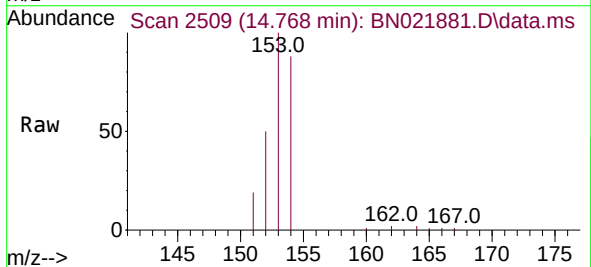
Instrument :
BNA_N
ClientSampleId :
SLCS815

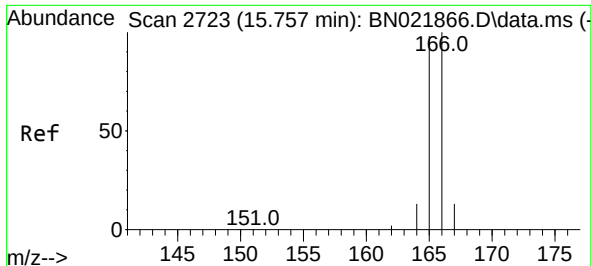
Tgt Ion:152 Resp: 13330
Ion Ratio Lower Upper
152 100
151 19.9 16.9 25.3
153 13.8 11.2 16.8



#11
Acenaphthene
Concen: 0.300 ng/ul
RT: 14.768 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:153 Resp: 10127
Ion Ratio Lower Upper
153 100
152 50.1 40.2 60.4
154 88.4 70.7 106.1

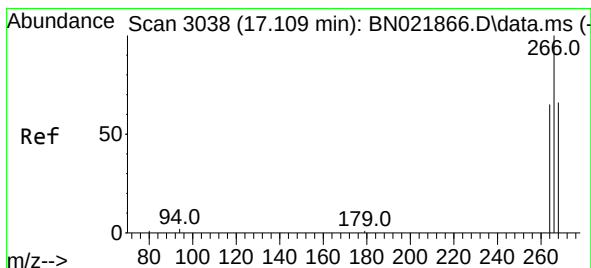
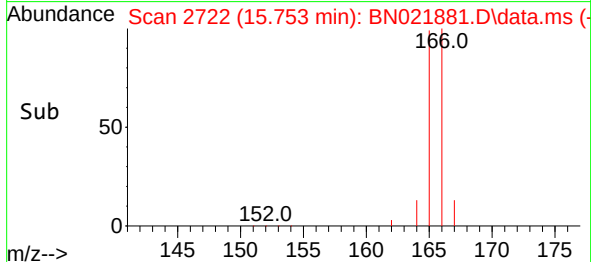
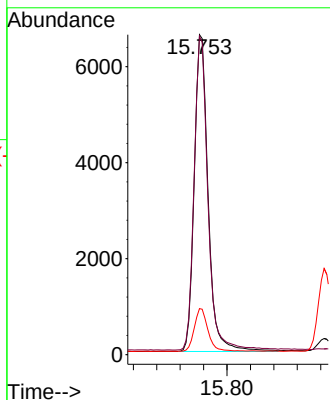
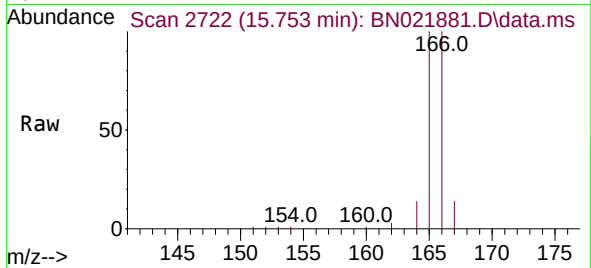




#12
Fluorene
Concen: 0.286 ng/ul
RT: 15.753 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

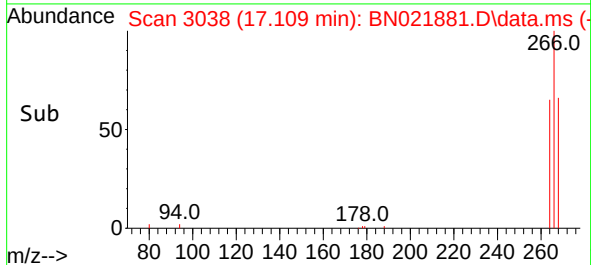
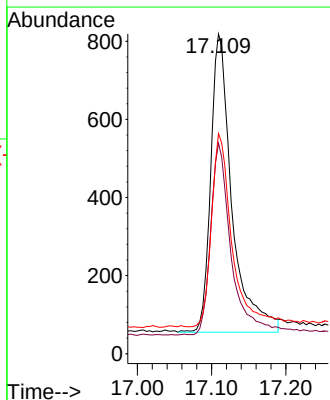
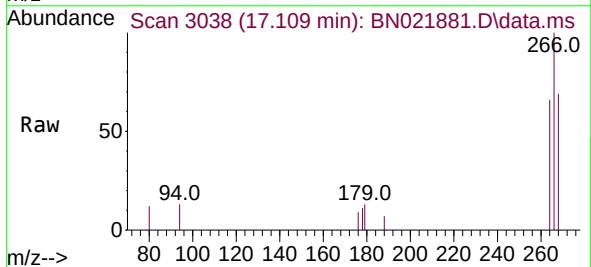
Instrument :
BNA_N
ClientSampleId :
SLCS815

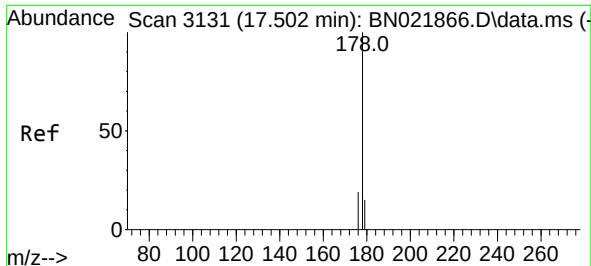
Tgt Ion:166 Resp: 10839
Ion Ratio Lower Upper
166 100
165 99.5 78.6 117.8
167 14.4 11.8 17.6



#14
Pentachlorophenol
Concen: 0.473 ng/ul
RT: 17.109 min Scan# 3038
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:266 Resp: 1525
Ion Ratio Lower Upper
266 100
264 61.8 49.8 74.8
268 63.0 50.6 75.8

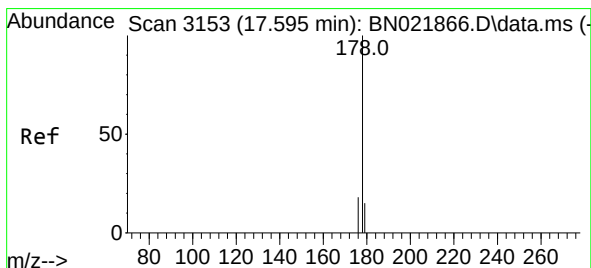
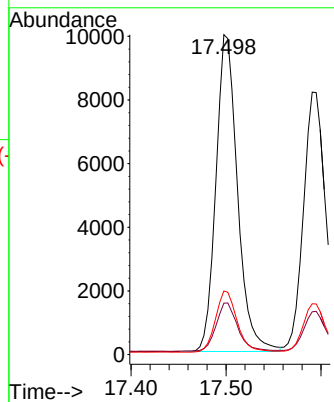
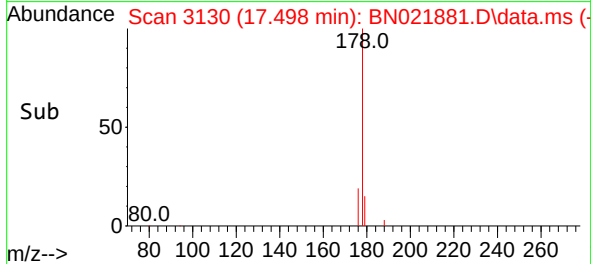
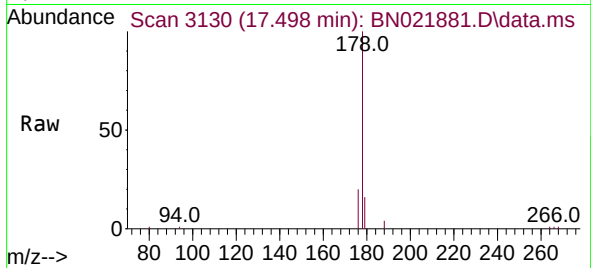




#15
Phenanthrene
Concen: 0.299 ng/ul
RT: 17.498 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

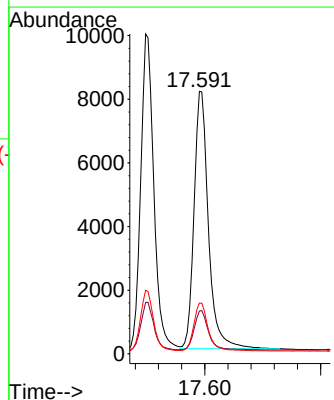
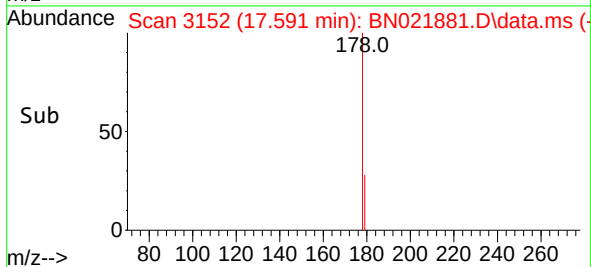
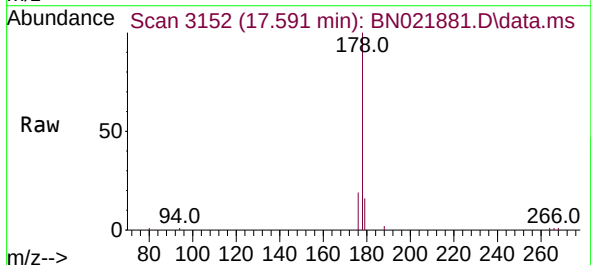
Instrument :
BNA_N
ClientSampleId :
SLCS815

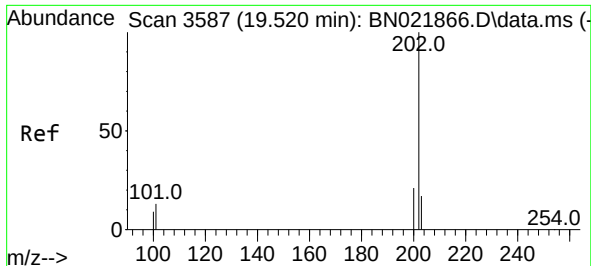
Tgt Ion:178 Resp: 15720
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 19.9 15.9 23.9



#16
Anthracene
Concen: 0.319 ng/ul
RT: 17.591 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:178 Resp: 13932
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.4 15.9 23.9





#19

Fluoranthene

Concen: 0.300 ng/ul

RT: 19.515 min Scan# 3586

Delta R.T. 0.000 min

Lab File: BN021881.D

Acq: 23 Sep 2022 01:40

Instrument :

BNA_N

ClientSampleId :

SLCS815

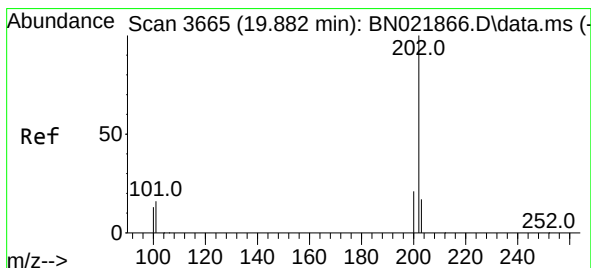
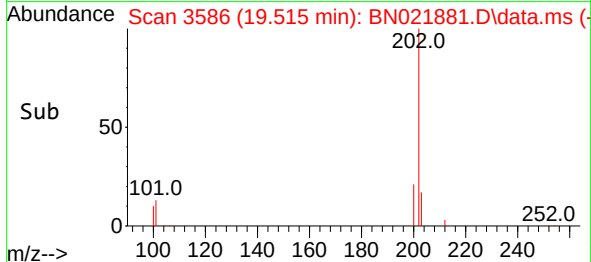
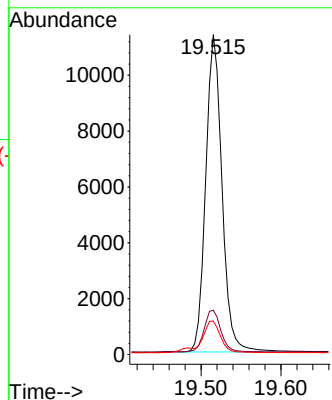
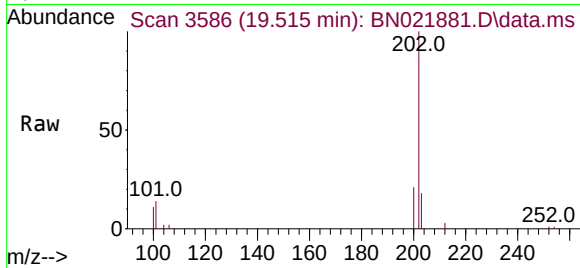
Tgt Ion:202 Resp: 16070

Ion Ratio Lower Upper

202 100

101 13.9 10.0 15.0

100 10.5 8.0 12.0



#20

Pyrene

Concen: 0.307 ng/ul

RT: 19.878 min Scan# 3664

Delta R.T. 0.000 min

Lab File: BN021881.D

Acq: 23 Sep 2022 01:40

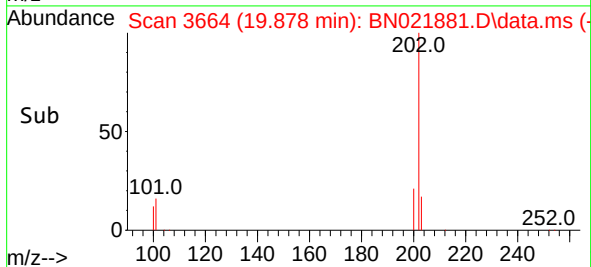
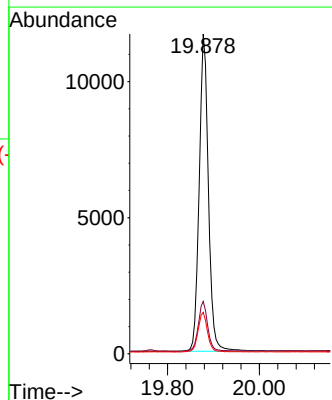
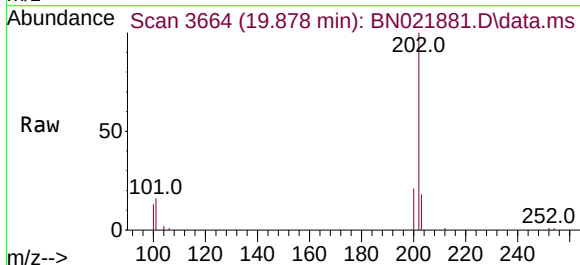
Tgt Ion:202 Resp: 16217

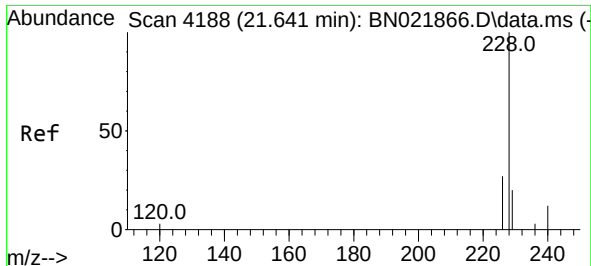
Ion Ratio Lower Upper

202 100

101 16.4 11.3 16.9

100 13.0 9.0 13.4

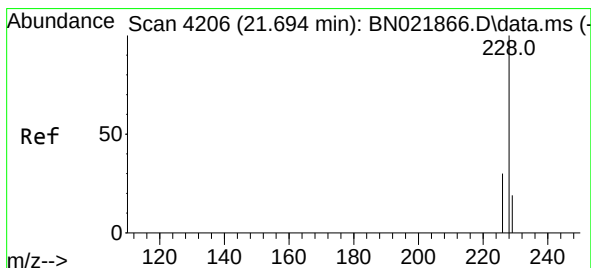
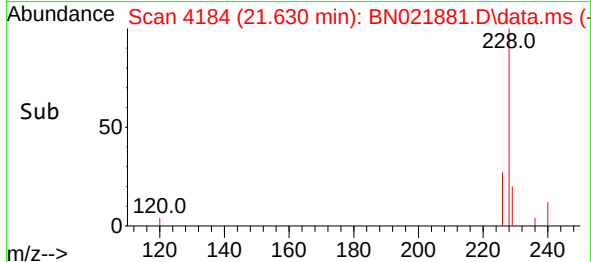
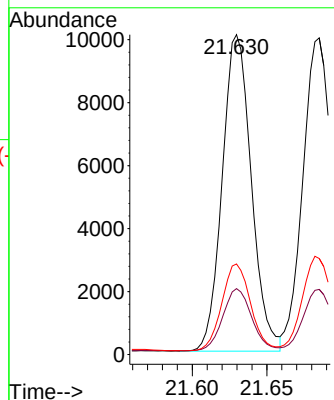
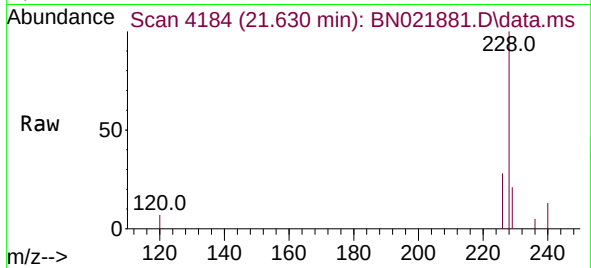




#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.630 min Scan# 4188
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

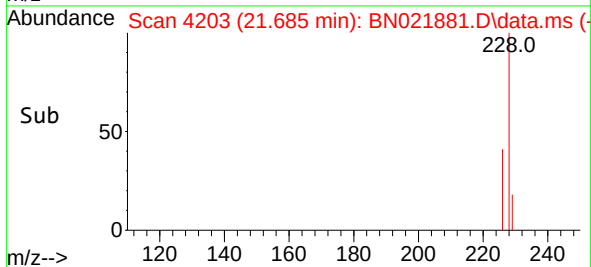
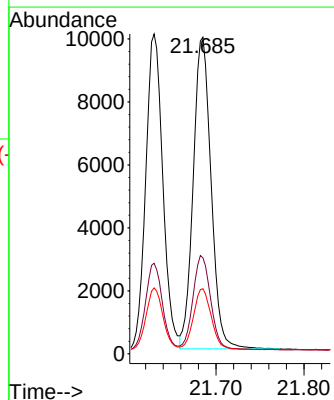
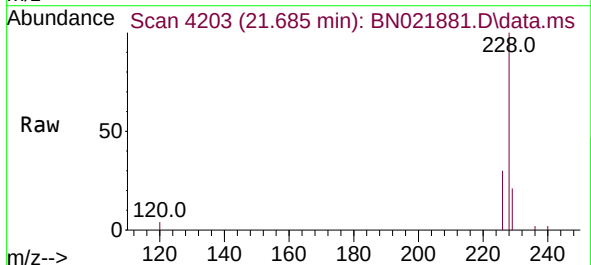
Instrument :
BNA_N
ClientSampleId :
SLCS815

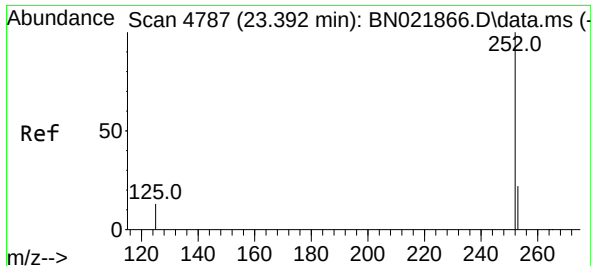
Tgt Ion:228 Resp: 13657
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.3 21.9 32.9



#22
Chrysene
Concen: 0.333 ng/ul
RT: 21.685 min Scan# 4203
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:228 Resp: 13925
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.6 15.8 23.8

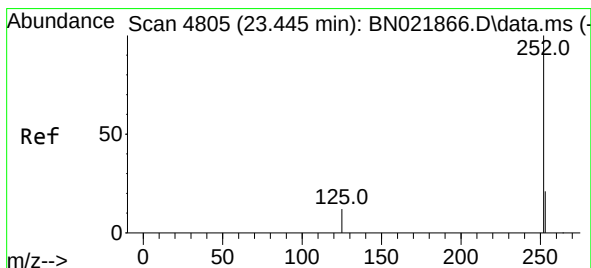
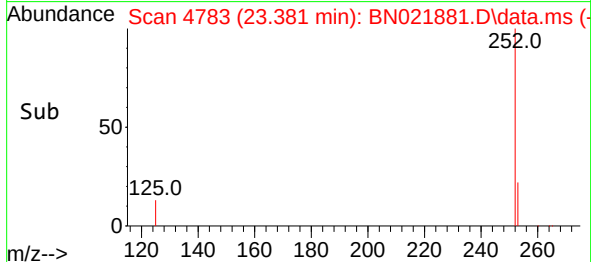
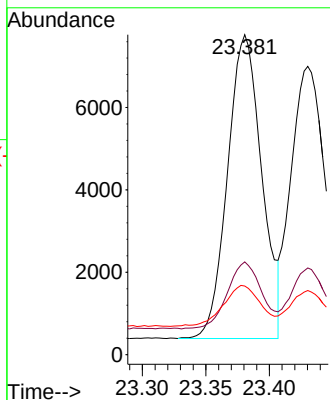
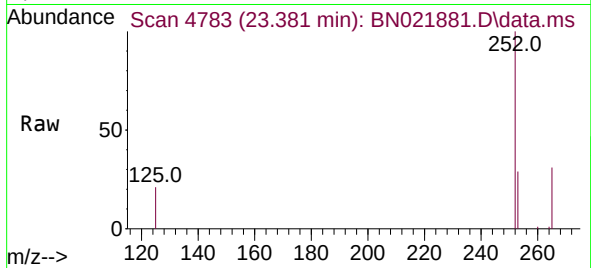




#24
Benzo(b)fluoranthene
Concen: 0.283 ng/ul
RT: 23.381 min Scan# 4783
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

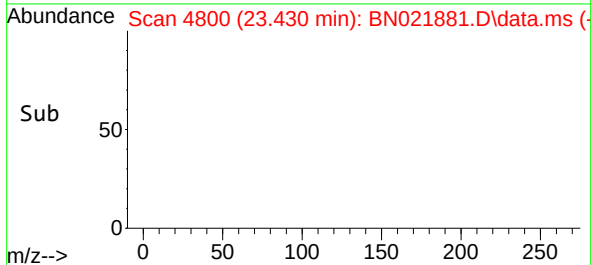
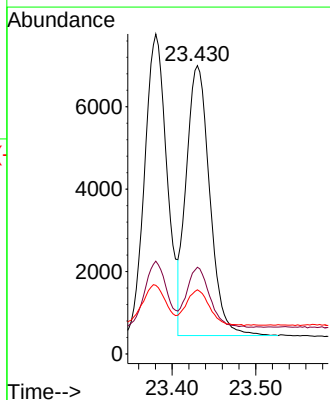
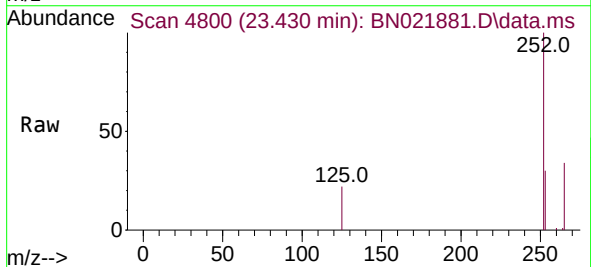
Instrument :
BNA_N
ClientSampleId :
SLCS815

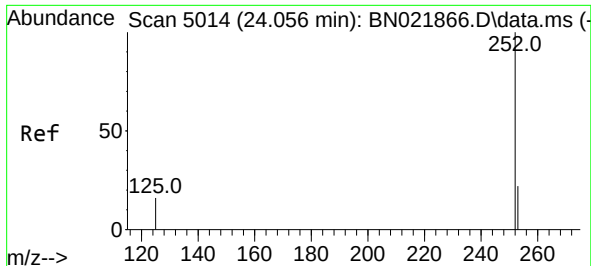
Tgt Ion:252 Resp: 13838
Ion Ratio Lower Upper
252 100
253 29.0 0.0 50.8
125 21.5 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.269 ng/ul
RT: 23.430 min Scan# 4800
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:252 Resp: 12787
Ion Ratio Lower Upper
252 100
253 30.1 20.6 31.0
125 22.3 11.8 17.6#

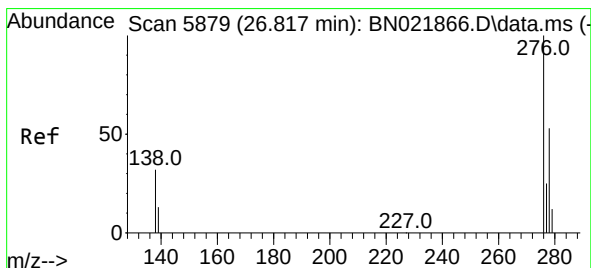
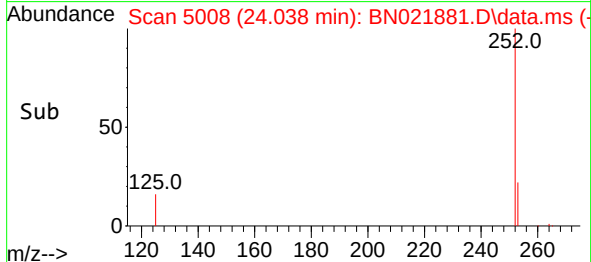
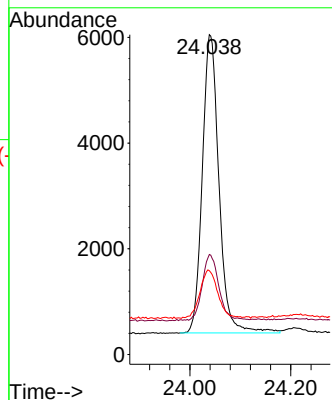
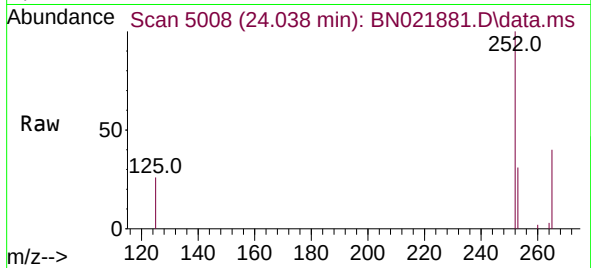




#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 24.038 min Scan# 5014
Delta R.T. -0.003 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

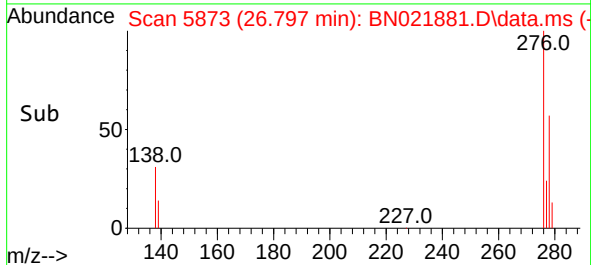
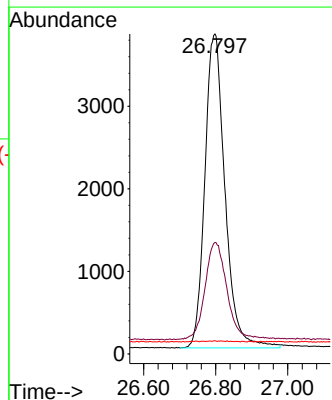
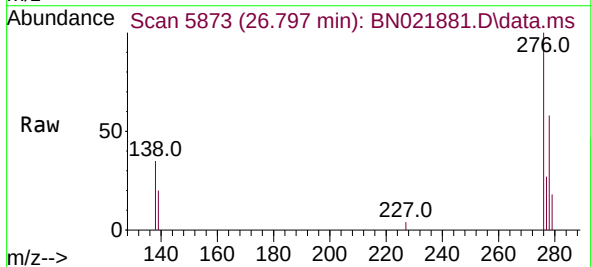
Instrument :
BNA_N
ClientSampleId :
SLCS815

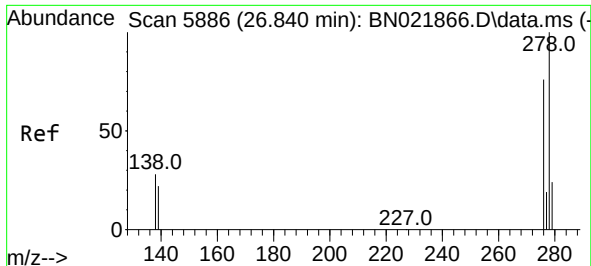
Tgt Ion:252 Resp: 12938
Ion Ratio Lower Upper
252 100
253 31.3 22.1 33.1
125 26.2 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/ul
RT: 26.797 min Scan# 5873
Delta R.T. 0.007 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:276 Resp: 14728
Ion Ratio Lower Upper
276 100
138 33.6 26.1 39.1
227 0.1 0.1 0.1#

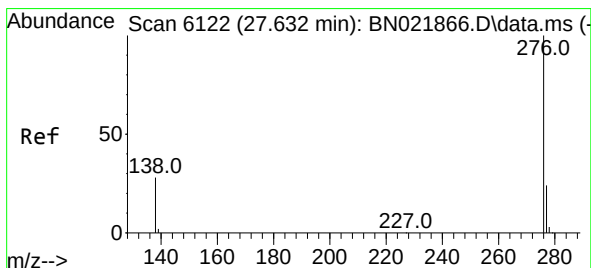
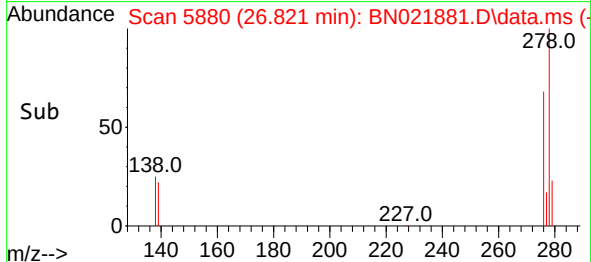
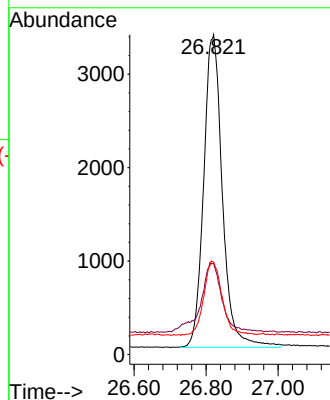
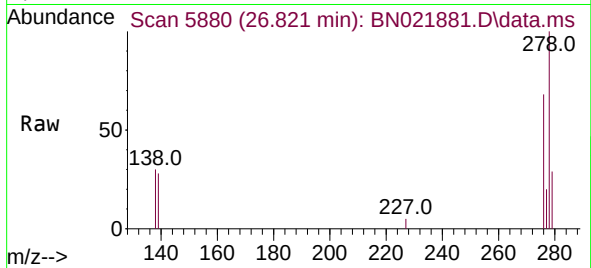




#28
 Dibenzo(a,h)anthracene
 Concen: 0.341 ng/ul
 RT: 26.821 min Scan# 5886
 Delta R.T. 0.003 min
 Lab File: BN021881.D
 Acq: 23 Sep 2022 01:40

Instrument :
 BNA_N
 ClientSampleId :
 SLCS815

Tgt Ion:278 Resp: 12059
 Ion Ratio Lower Upper
 278 100
 139 28.4 18.3 27.5#
 279 28.9 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.334 ng/ul
 RT: 27.606 min Scan# 6114
 Delta R.T. -0.003 min
 Lab File: BN021881.D
 Acq: 23 Sep 2022 01:40

Tgt Ion:276 Resp: 12821
 Ion Ratio Lower Upper
 276 100
 138 32.4 22.6 34.0
 277 26.1 20.2 30.2

