

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090822\
 Data File : BN021639.D
 Acq On : 08 Sep 2022 11:01
 Operator : CG/JU
 Sample : SST0.241
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2245

Quant Time: Sep 08 13:40:43 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 : Thu Sep 08 13:38:06 2022
 Response via : Initial Calibration

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

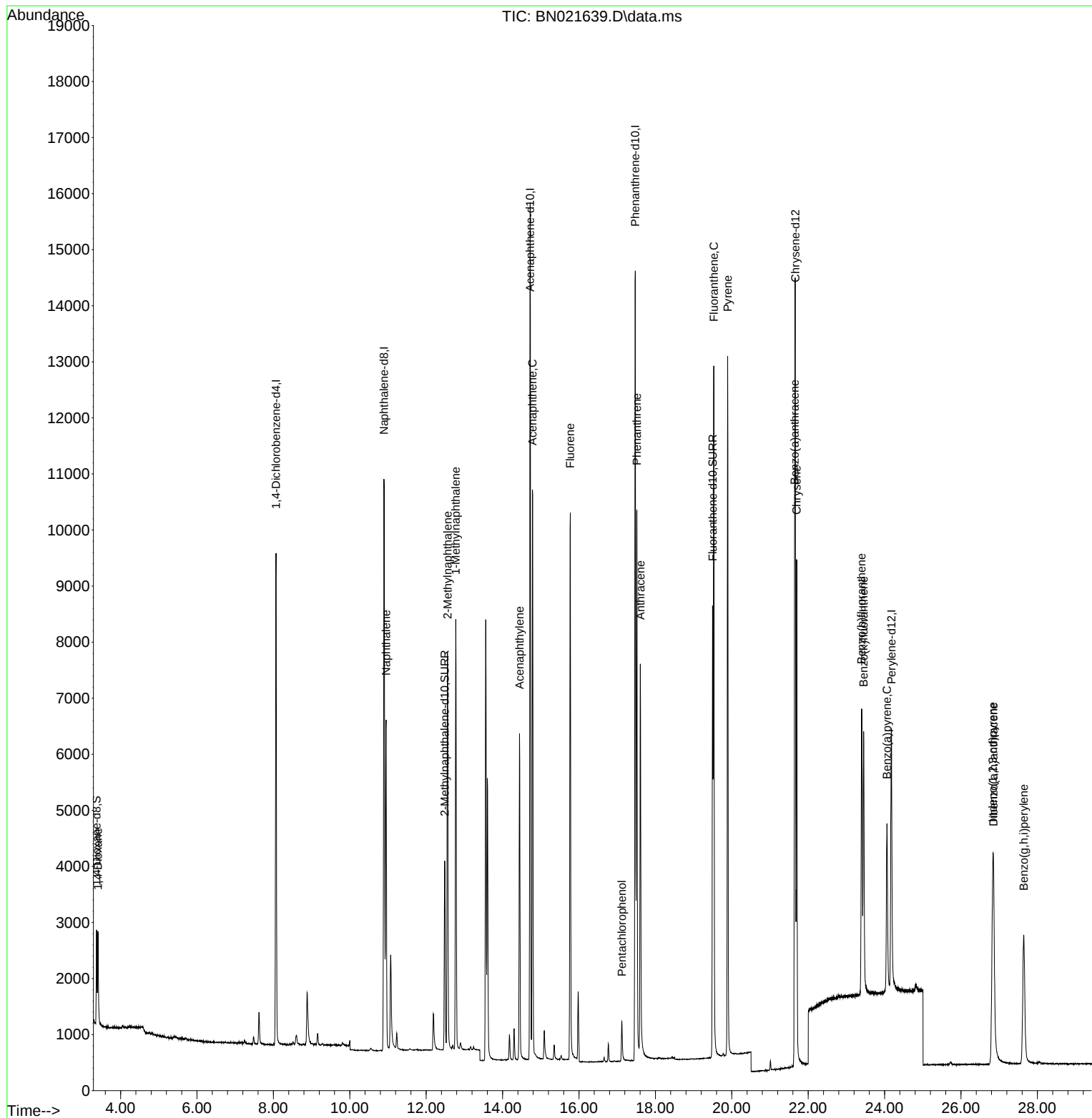
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	4617	0.400	ng/ul	0.00
4) Naphthalene-d8	10.894	136	14685	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.721	164	8433	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	17198	0.400	ng/ul	0.00
17) Chrysene-d12	21.662	240	11030	0.400	ng/ul	0.00
23) Perylene-d12	24.179	264	7334	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	1183	0.199	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.484	152	4673	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	8711	0.256	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	1199	0.192	ng/ul	99
5) Naphthalene	10.949	128	8337	0.179	ng/ul	98
7) 2-Methylnaphthalene	12.561	142	5358	0.184	ng/ul	98
8) 1-Methylnaphthalene	12.775	142	5527	0.203	ng/ul	100
10) Acenaphthylene	14.444	152	6992	0.161	ng/ul	99
11) Acenaphthene	14.781	153	6021	0.181	ng/ul	98
12) Fluorene	15.772	166	6742	0.181	ng/ul	98
14) Pentachlorophenol	17.122	266	588	0.310	ng/ul	99
15) Phenanthrene	17.515	178	10943	0.172	ng/ul	100
16) Anthracene	17.608	178	8805	0.172	ng/ul	99
19) Fluoranthene	19.529	202	10765	0.206	ng/ul	98
20) Pyrene	19.892	202	10772	0.206	ng/ul	95
21) Benzo(a)anthracene	21.644	228	7391	0.193	ng/ul	99
22) Chrysene	21.697	228	8305	0.169	ng/ul	99
24) Benzo(b)fluoranthene	23.398	252	7323	0.232	ng/ul	92
25) Benzo(k)fluoranthene	23.451	252	6827	0.201	ng/ul#	92
26) Benzo(a)pyrene	24.062	252	5430	0.183	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.831	276	6088	0.175	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.854	278	5129	0.179	ng/ul	96
29) Benzo(g,h,i)perylene	27.642	276	5738	0.166	ng/ul	94

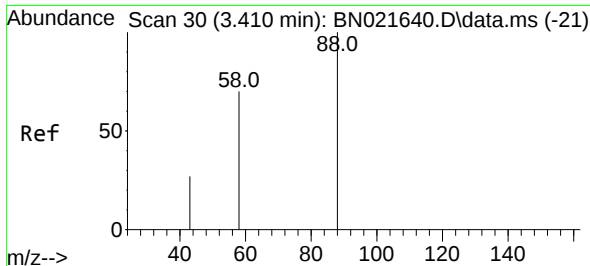
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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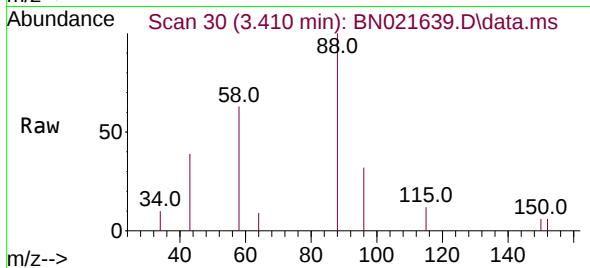
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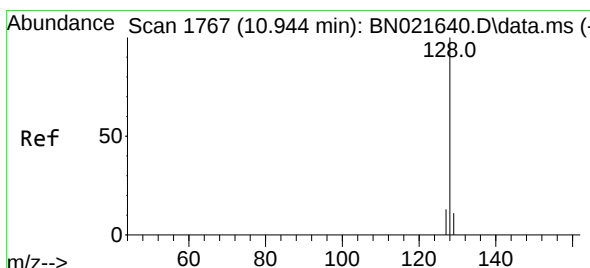
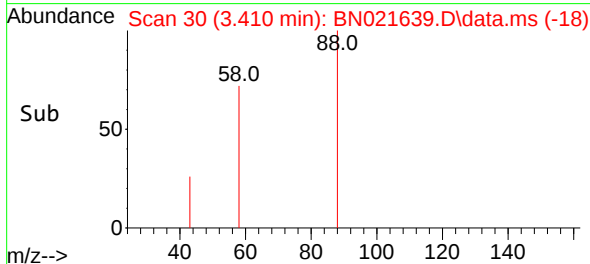
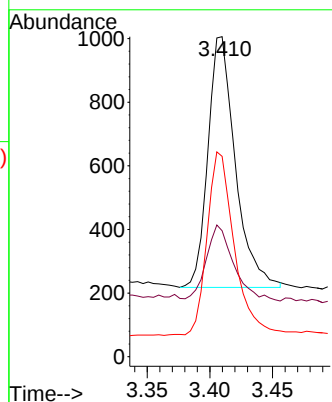
#2
1,4-Dioxane
Concen: 0.192 ng/ul
RT: 3.410 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.2245



Tgt Ion: 88 Resp: 1199

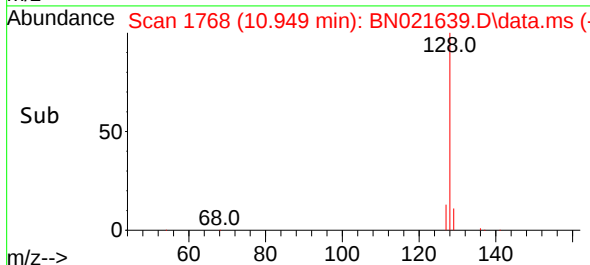
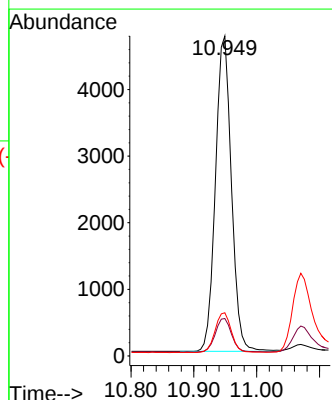
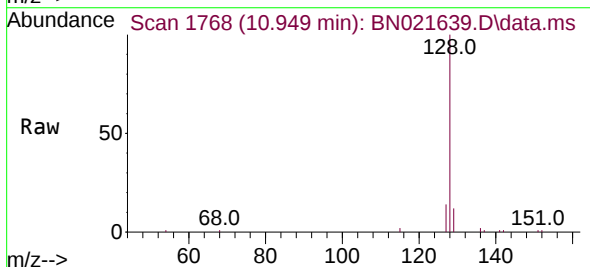
Ion	Ratio	Lower	Upper
88	100		
43	39.4	31.4	47.0
58	62.6	49.0	73.6

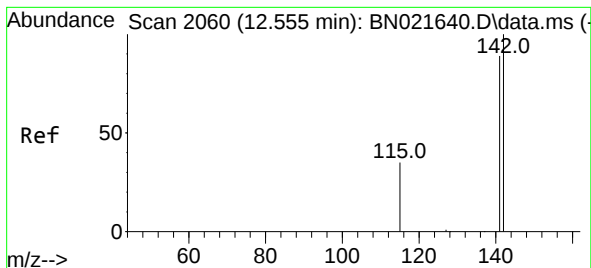


#5
Naphthalene
Concen: 0.179 ng/ul
RT: 10.949 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

Tgt Ion: 128 Resp: 8337

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.5	11.6	17.4

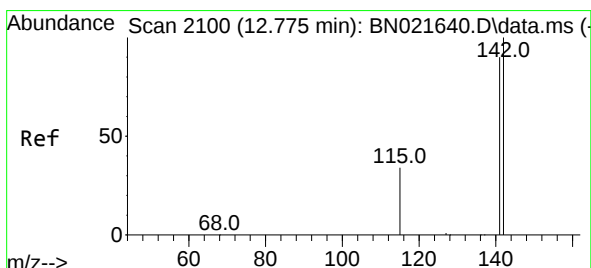
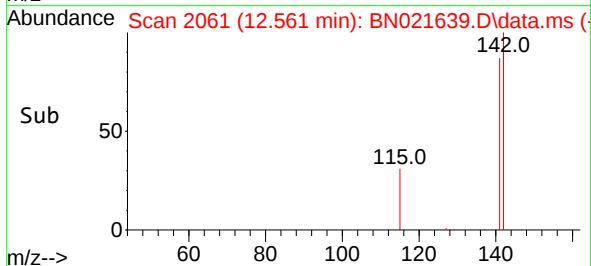
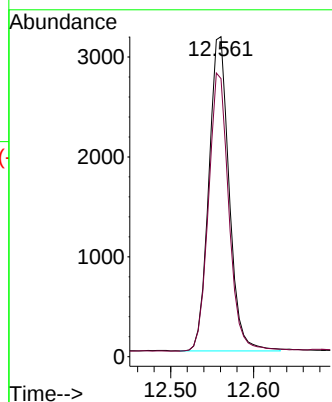
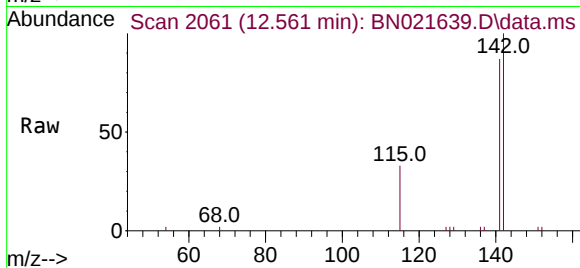




#7
2-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.561 min Scan# 2061
Delta R.T. 0.006 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

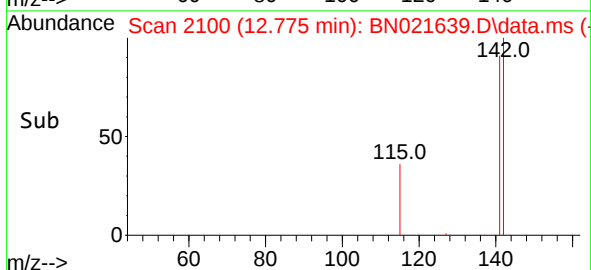
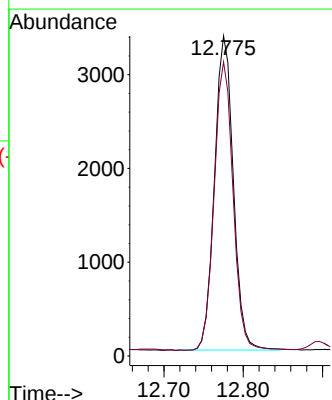
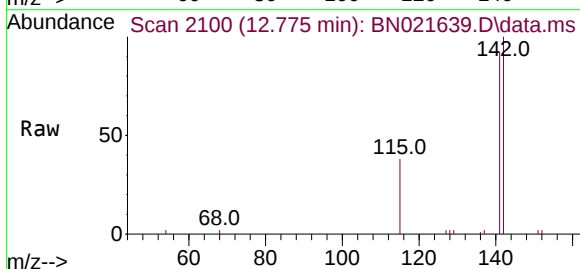
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

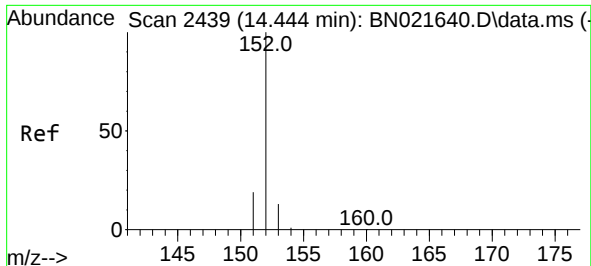
Tgt Ion:142 Resp: 5358
Ion Ratio Lower Upper
142 100
141 88.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.203 ng/ul
RT: 12.775 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

Tgt Ion:142 Resp: 5527
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9

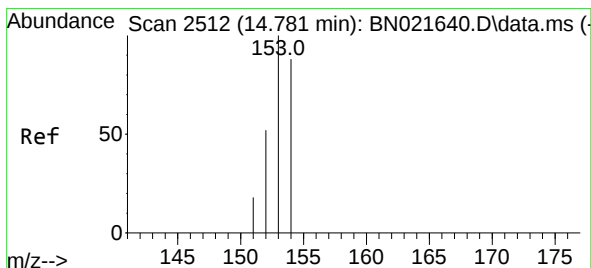
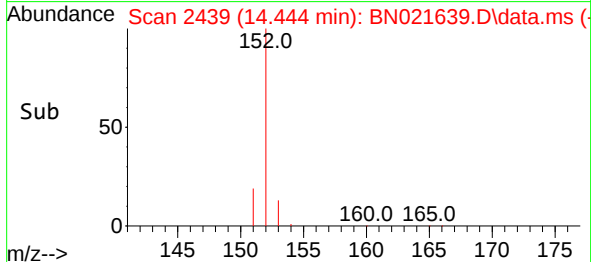
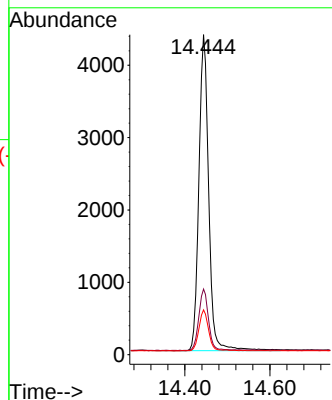
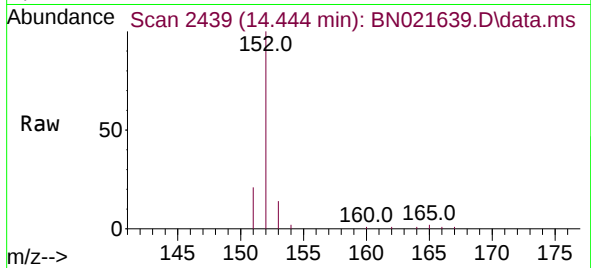




#10
Acenaphthylene
Concen: 0.161 ng/ul
RT: 14.444 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

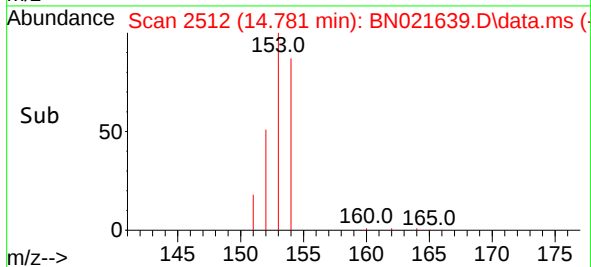
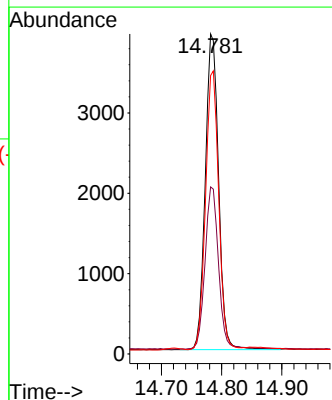
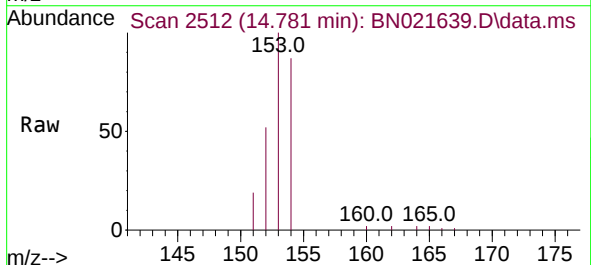
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

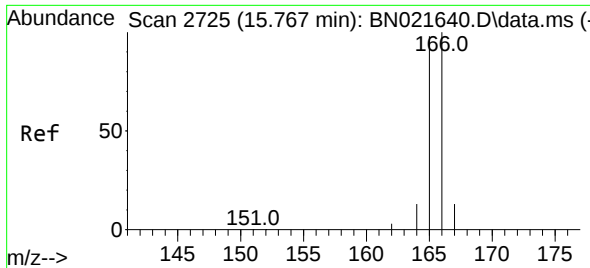
Tgt Ion:152 Resp: 6992
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.181 ng/ul
RT: 14.781 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

Tgt Ion:153 Resp: 6021
Ion Ratio Lower Upper
153 100
152 52.2 40.2 60.4
154 87.0 70.7 106.1

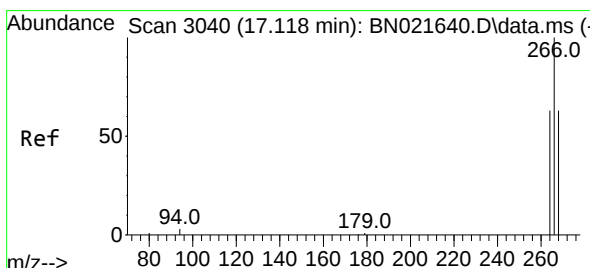
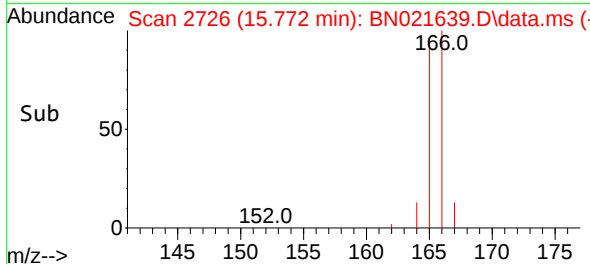
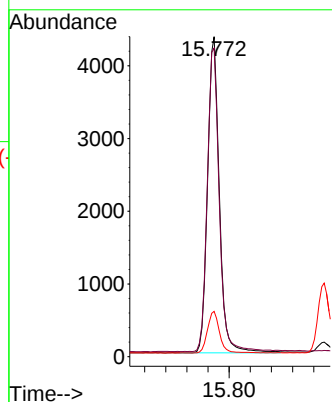
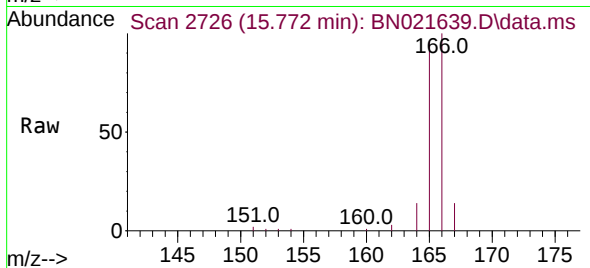




#12
 Fluorene
 Concen: 0.181 ng/ul
 RT: 15.772 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN021639.D
 Acq: 08 Sep 2022 11:01

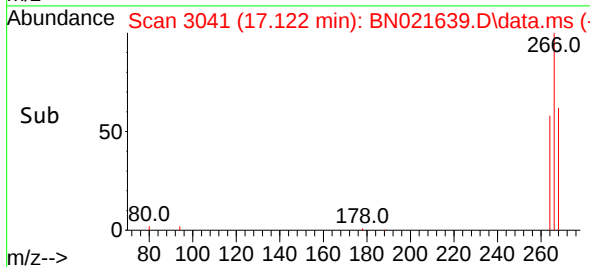
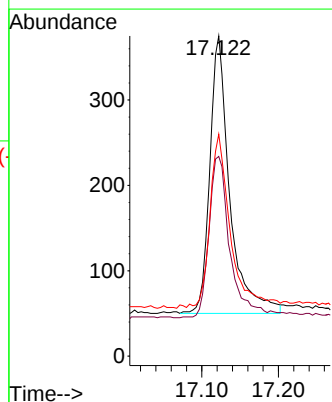
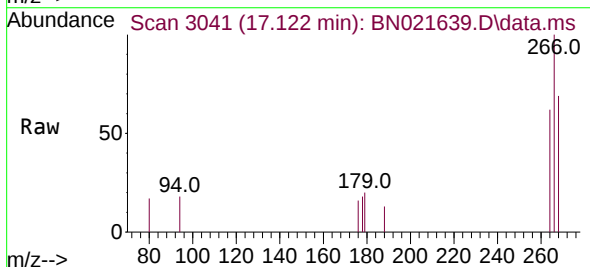
Instrument :
 BNA_N
 ClientSampleId :
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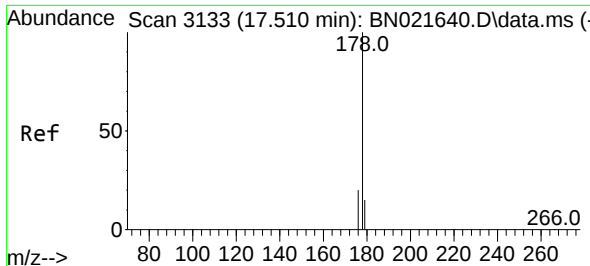
Tgt Ion:166 Resp: 6742
 Ion Ratio Lower Upper
 166 100
 165 96.4 78.6 117.8
 167 14.2 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.310 ng/ul
 RT: 17.122 min Scan# 3041
 Delta R.T. 0.004 min
 Lab File: BN021639.D
 Acq: 08 Sep 2022 11:01

Tgt Ion:266 Resp: 588
 Ion Ratio Lower Upper
 266 100
 264 61.7 49.8 74.8
 268 63.6 50.6 75.8

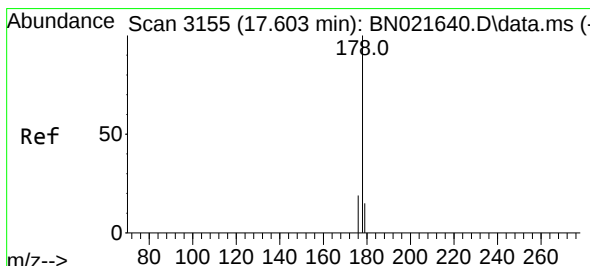
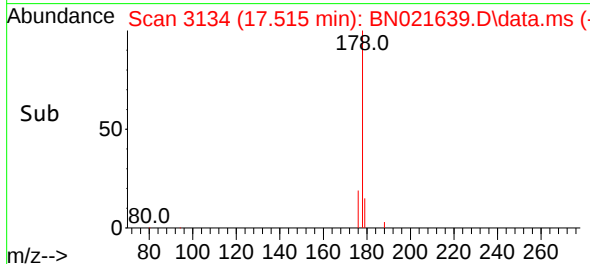
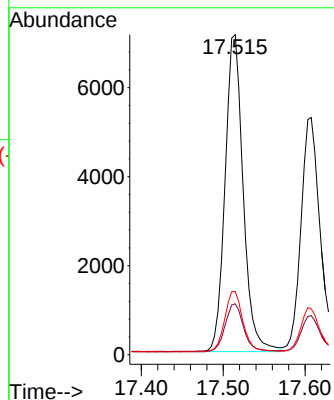
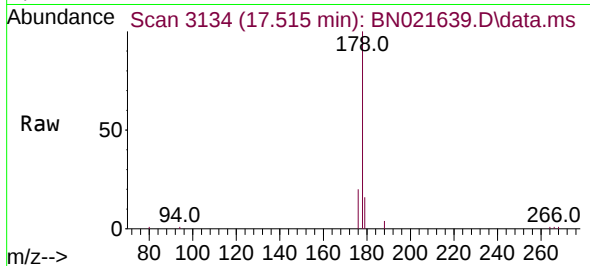




#15
Phenanthrene
Concen: 0.172 ng/ul
RT: 17.515 min Scan# 3133
Delta R.T. 0.004 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

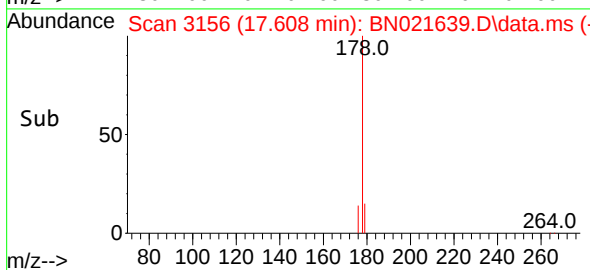
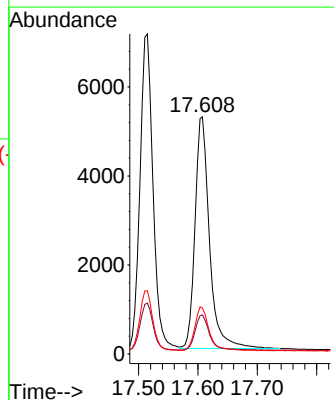
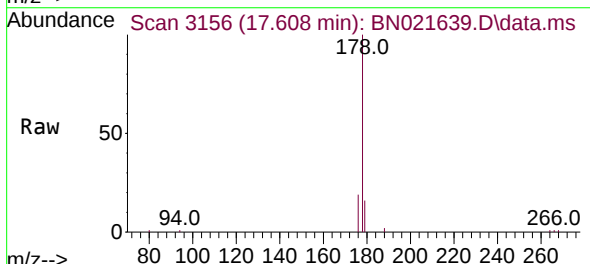
Instrument :
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ClientSampleId :
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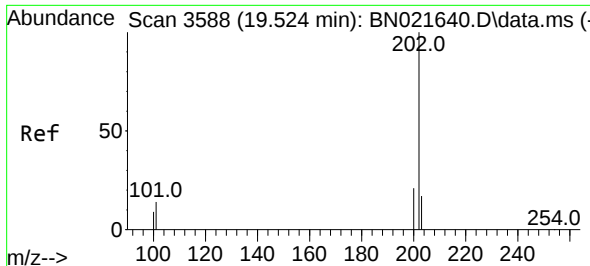
Tgt Ion:178 Resp: 10943
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.8 15.9 23.9



#16
Anthracene
Concen: 0.172 ng/ul
RT: 17.608 min Scan# 3156
Delta R.T. 0.004 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

Tgt Ion:178 Resp: 8805
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 19.4 15.9 23.9





#19

Fluoranthene

Concen: 0.206 ng/ul

RT: 19.529 min Scan# 3589

Delta R.T. 0.005 min

Lab File: BN021639.D

Acq: 08 Sep 2022 11:01

Instrument :

BNA_N

ClientSampleId :

SSTD0.2245

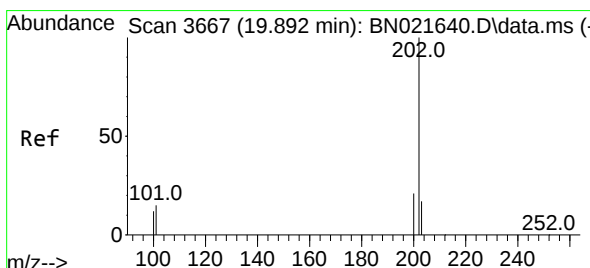
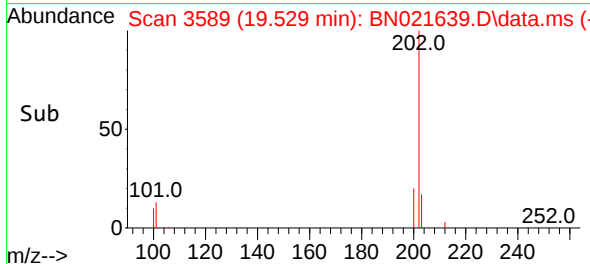
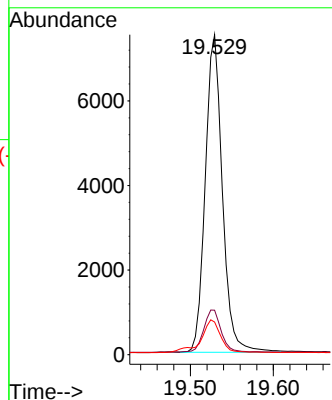
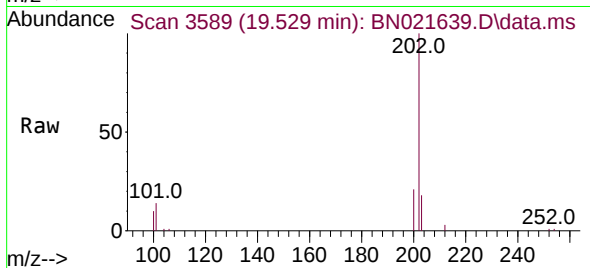
Tgt Ion:202 Resp: 10765

Ion Ratio Lower Upper

202 100

101 13.9 10.0 15.0

100 10.2 8.0 12.0



#20

Pyrene

Concen: 0.206 ng/ul

RT: 19.892 min Scan# 3667

Delta R.T. 0.000 min

Lab File: BN021639.D

Acq: 08 Sep 2022 11:01

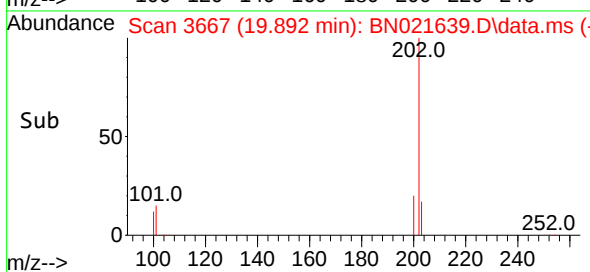
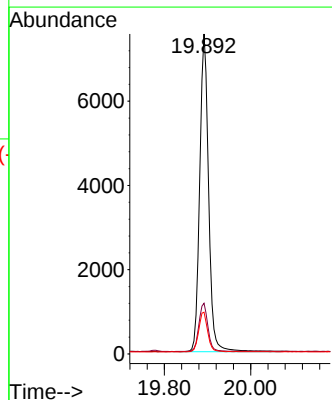
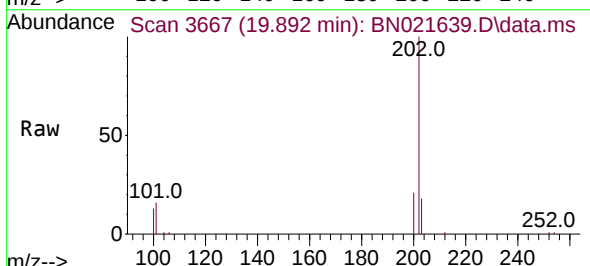
Tgt Ion:202 Resp: 10772

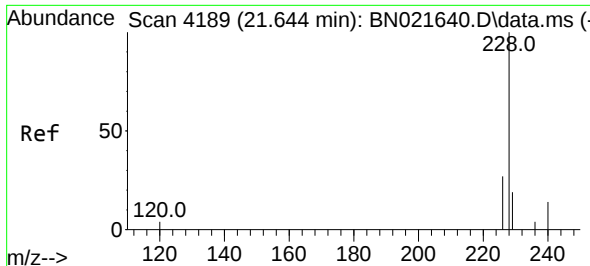
Ion Ratio Lower Upper

202 100

101 15.9 11.3 16.9

100 13.1 9.0 13.4

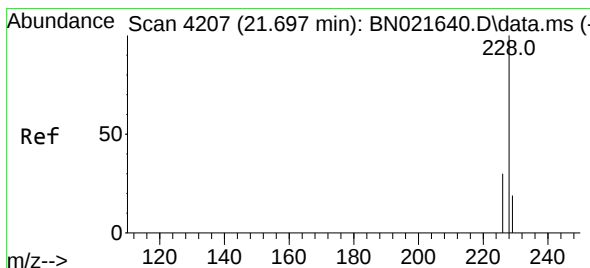
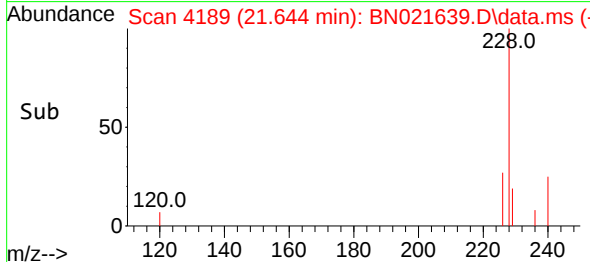
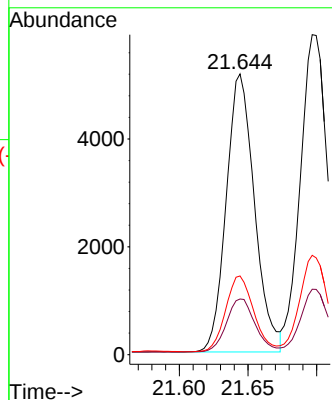
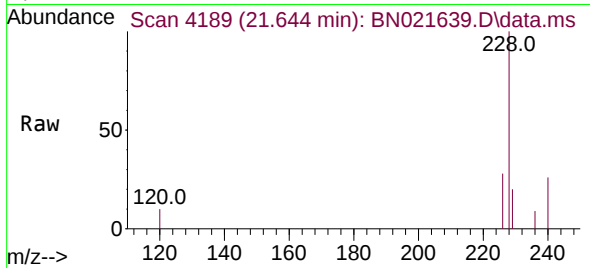




#21
Benzo(a)anthracene
Concen: 0.193 ng/ul
RT: 21.644 min Scan# 4189
Delta R.T. 0.000 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

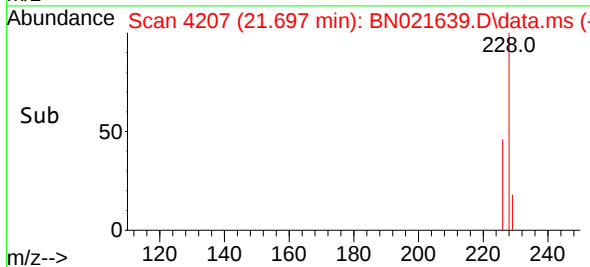
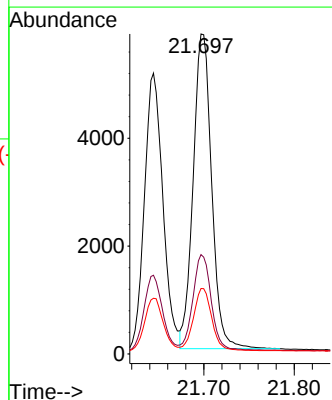
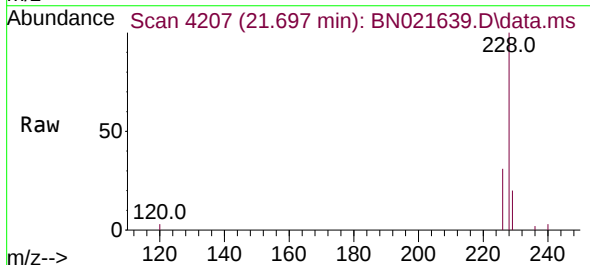
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

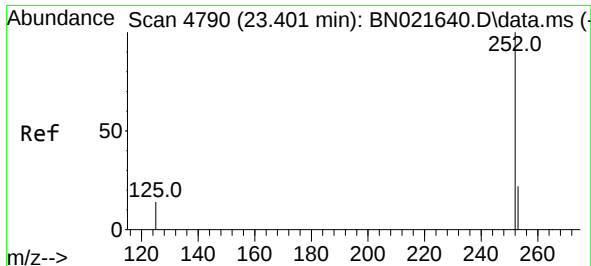
Tgt Ion:228 Resp: 7391
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 28.1 21.9 32.9



#22
Chrysene
Concen: 0.169 ng/ul
RT: 21.697 min Scan# 4207
Delta R.T. 0.000 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

Tgt Ion:228 Resp: 8305
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 20.5 15.8 23.8

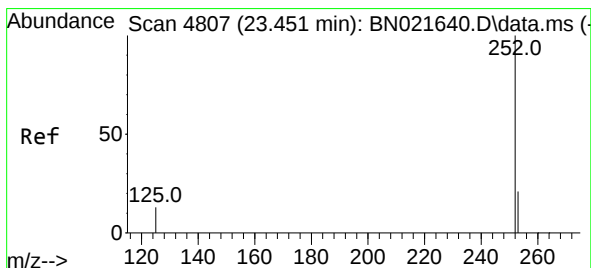
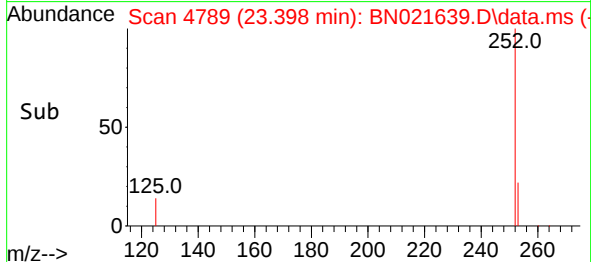
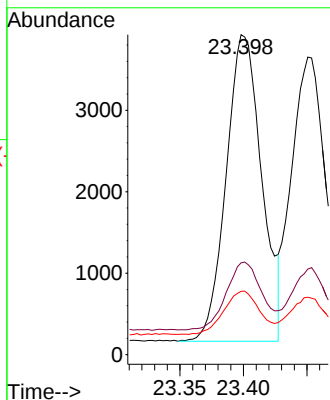
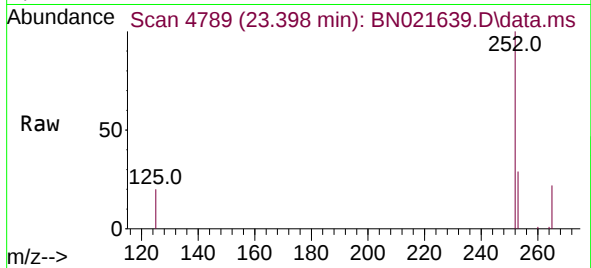




#24
Benzo(b)fluoranthene
Concen: 0.232 ng/ul
RT: 23.398 min Scan# 4789
Delta R.T. -0.003 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

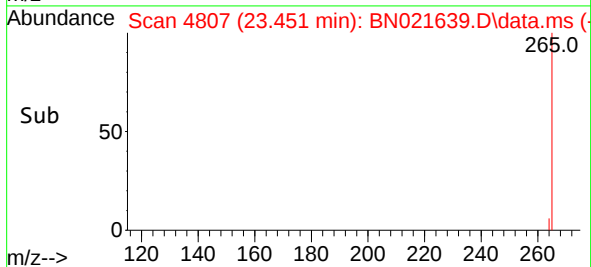
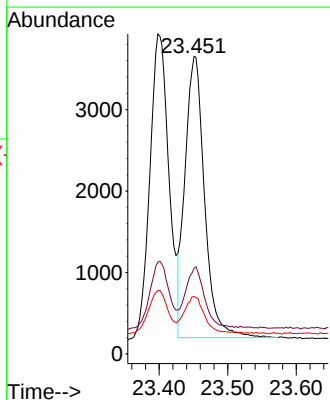
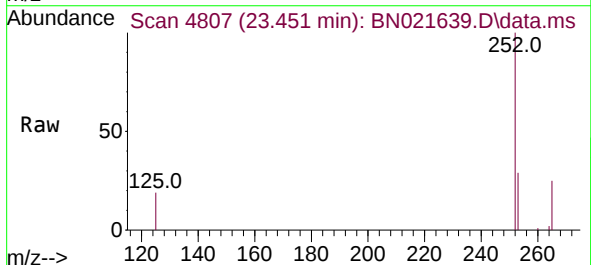
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

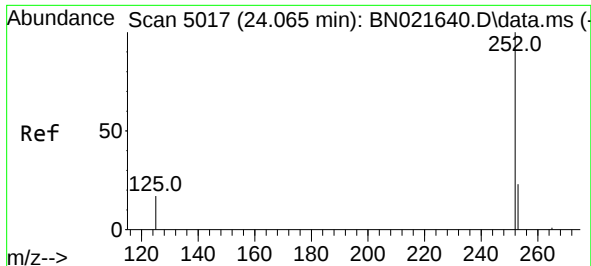
Tgt Ion:252 Resp: 7323
Ion Ratio Lower Upper
252 100
253 28.7 0.0 50.8
125 19.8 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.201 ng/ul
RT: 23.451 min Scan# 4807
Delta R.T. 0.000 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

Tgt Ion:252 Resp: 6827
Ion Ratio Lower Upper
252 100
253 28.7 20.6 31.0
125 19.3 11.8 17.6#

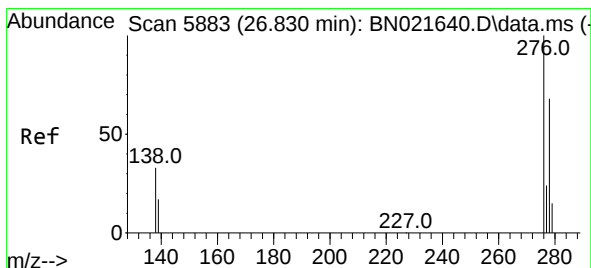
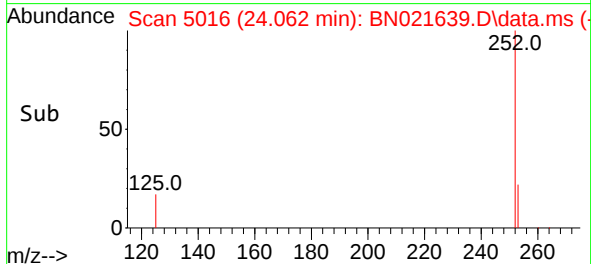
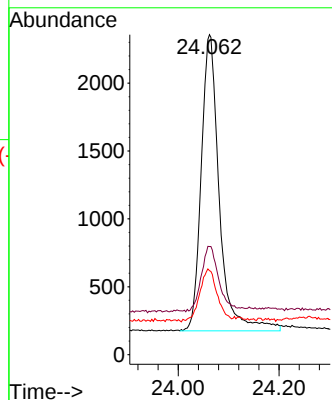
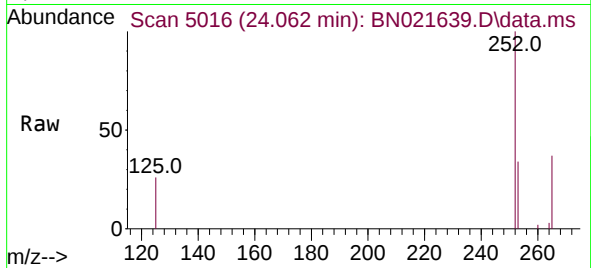




#26
Benzo(a)pyrene
Concen: 0.183 ng/ul
RT: 24.062 min Scan# 5017
Delta R.T. -0.003 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

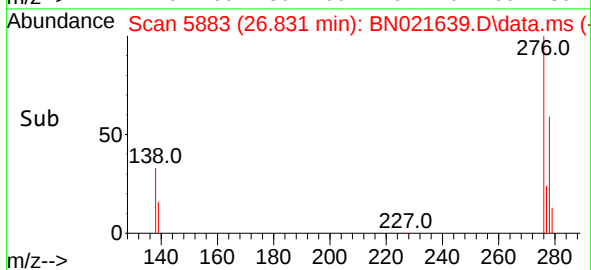
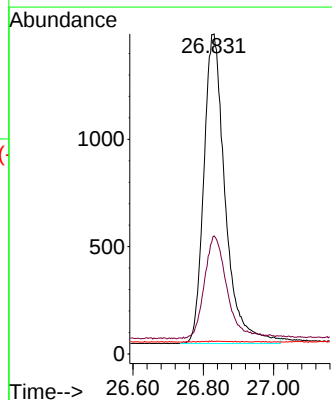
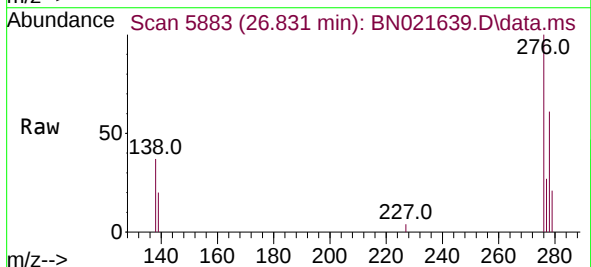
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

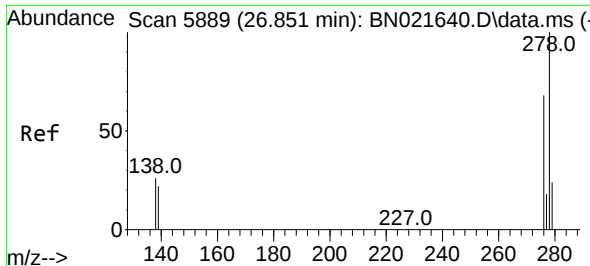
Tgt Ion:252 Resp: 5430
Ion Ratio Lower Upper
252 100
253 33.8 22.1 33.1#
125 26.2 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng/ul
RT: 26.831 min Scan# 5883
Delta R.T. 0.000 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

Tgt Ion:276 Resp: 6088
Ion Ratio Lower Upper
276 100
138 35.1 26.1 39.1
227 0.0 0.1 0.1#

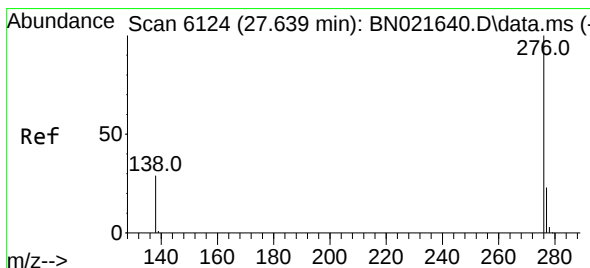
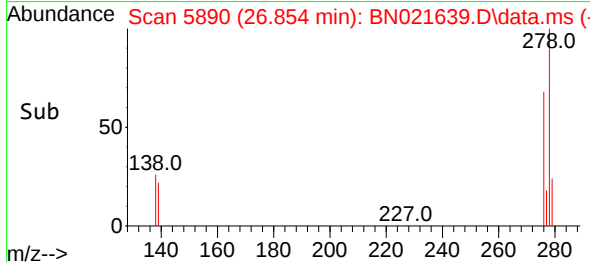
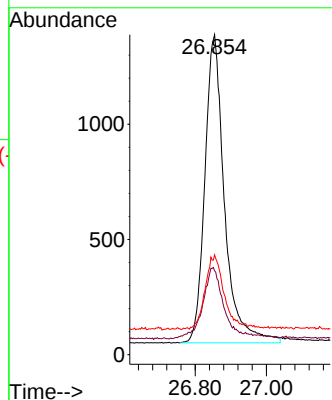
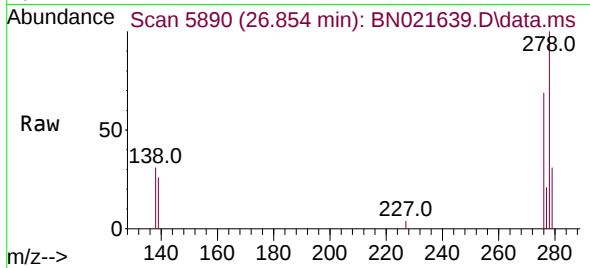




#28
Dibenzo(a,h)anthracene
Concen: 0.179 ng/ul
RT: 26.854 min Scan# 5889
Delta R.T. 0.003 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

Tgt Ion:278 Resp: 5129
Ion Ratio Lower Upper
278 100
139 26.2 18.3 27.5
279 31.2 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.166 ng/ul
RT: 27.642 min Scan# 6125
Delta R.T. 0.003 min
Lab File: BN021639.D
Acq: 08 Sep 2022 11:01

Tgt Ion:276 Resp: 5738
Ion Ratio Lower Upper
276 100
138 32.5 22.6 34.0
277 26.7 20.2 30.2

