

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081022\
 Data File : BN021156.D
 Acq On : 11 Aug 2022 20:24
 Operator : CG/JU
 Sample : PB146935BS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS935

Quant Time: Aug 11 23:18:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 09 23:10:06 2022
 Response via : Initial Calibration

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

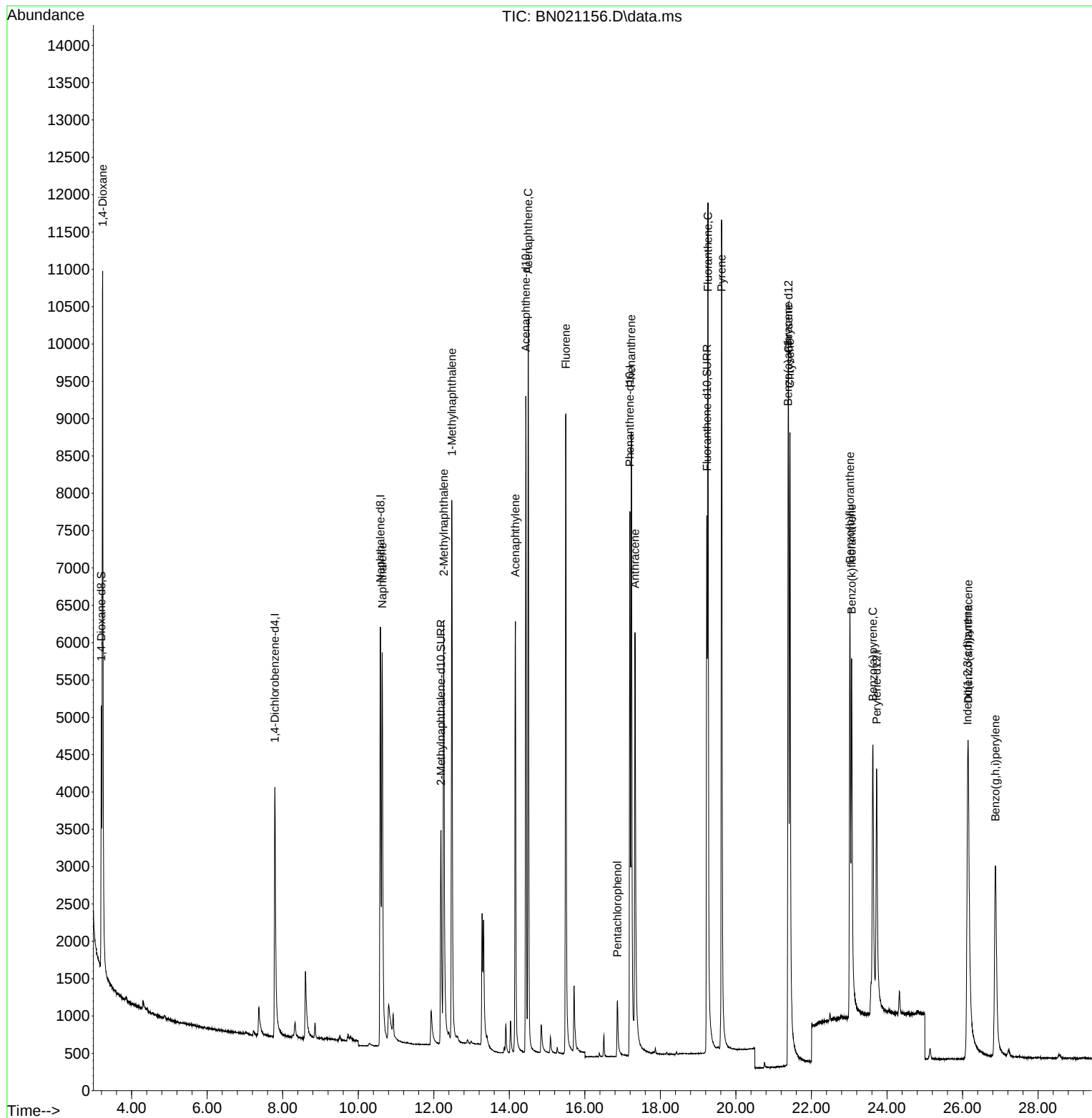
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	2621	0.400	ng/ul	0.01
4) Naphthalene-d8	10.585	136	9182	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.437	164	5255	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	9821	0.400	ng/ul	0.00
17) Chrysene-d12	21.394	240	6873	0.400	ng/ul	-0.01
23) Perylene-d12	23.727	264	5227	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.197	96	2333	0.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	4869	0.362	ng/ul	0.01
18) Fluoranthene-d10	19.230	212	9307	0.438	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.231	88	6212	1.798	ng/ul#	87
5) Naphthalene	10.634	128	8793	0.312	ng/ul	100
7) 2-Methylnaphthalene	12.262	142	5314	0.311	ng/ul	99
8) 1-Methylnaphthalene	12.476	142	5838	0.341	ng/ul	100
10) Acenaphthylene	14.160	152	7786	0.317	ng/ul	99
11) Acenaphthene	14.502	153	6230	0.307	ng/ul	99
12) Fluorene	15.497	166	6708	0.302	ng/ul	100
14) Pentachlorophenol	16.863	266	754	0.498	ng/ul	100
15) Phenanthrene	17.230	178	10528	0.300	ng/ul	99
16) Anthracene	17.327	178	8636	0.317	ng/ul	99
19) Fluoranthene	19.258	202	11330	0.372	ng/ul	98
20) Pyrene	19.620	202	11753	0.374	ng/ul	97
21) Benzo(a)anthracene	21.380	228	7278	0.325	ng/ul	98
22) Chrysene	21.432	228	9029	0.306	ng/ul	99
24) Benzo(b)fluoranthene	23.019	252	7587	0.314	ng/ul	95
25) Benzo(k)fluoranthene	23.063	252	8084	0.317	ng/ul	98
26) Benzo(a)pyrene	23.624	252	7100	0.322	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.135	276	7556	0.287	ng/ul	99
28) Dibenzo(a,h)anthracene	26.151	278	5894	0.283	ng/ul	97
29) Benzo(g,h,i)perylene	26.872	276	6952	0.296	ng/ul	97

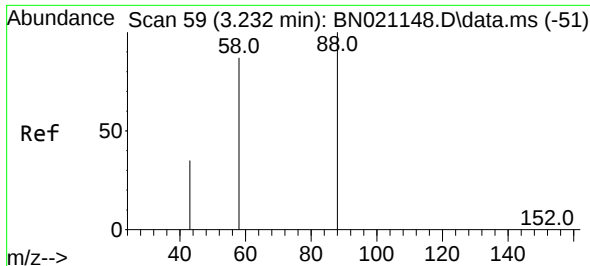
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 09 23:10:06 2022
Response via : Initial Calibration

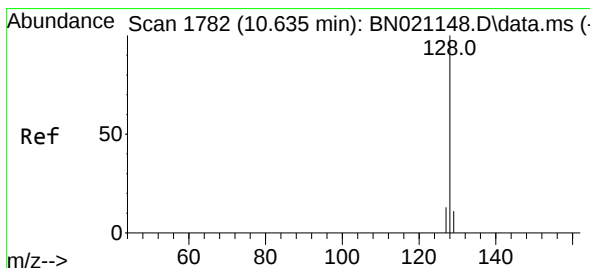
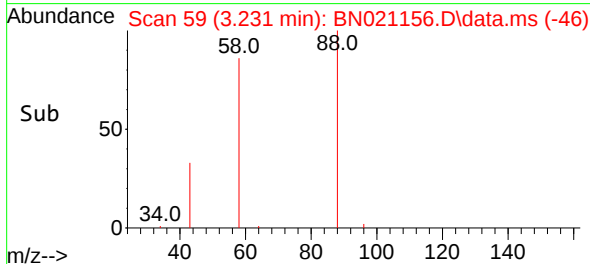
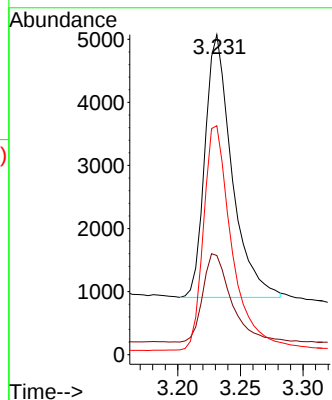
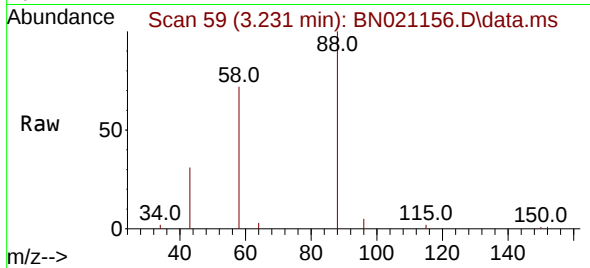




#2
1,4-Dioxane
Concen: 1.798 ng/ul
RT: 3.231 min Scan# 59
Delta R.T. 0.003 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

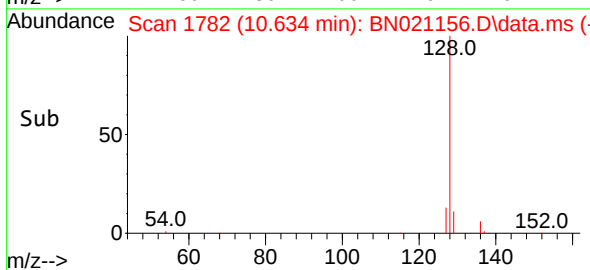
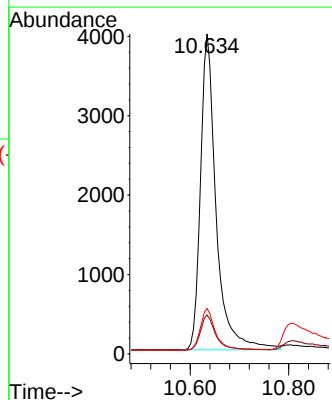
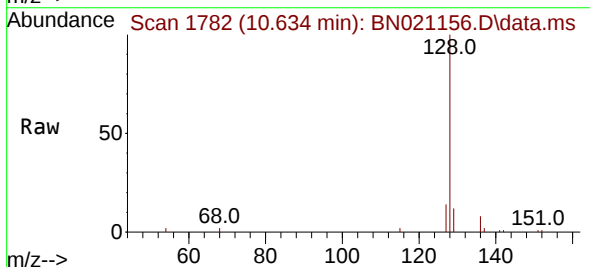
Instrument :
BNA_N
ClientSampleId :
SLCS935

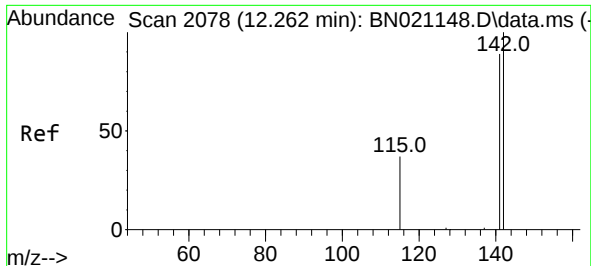
Tgt Ion: 88 Resp: 6212
Ion Ratio Lower Upper
88 100
43 31.0 31.4 47.0#
58 71.6 49.0 73.6



#5
Naphthalene
Concen: 0.312 ng/ul
RT: 10.634 min Scan# 1782
Delta R.T. 0.006 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

Tgt Ion: 128 Resp: 8793
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 14.2 11.6 17.4

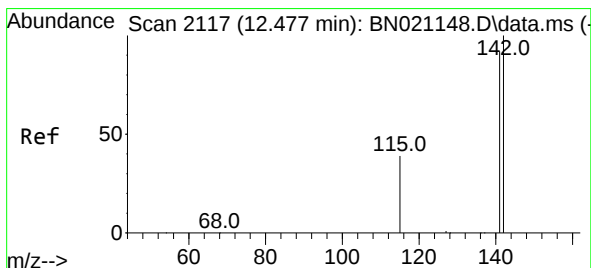
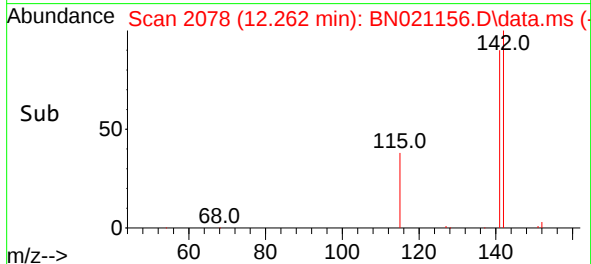
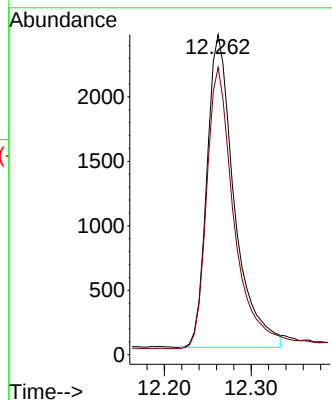
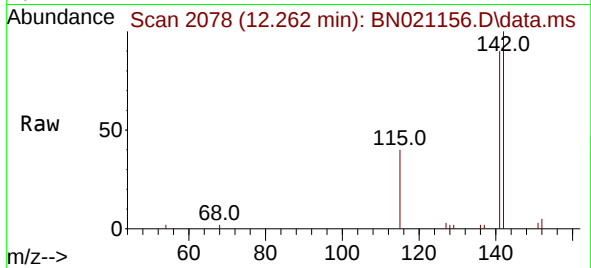




#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.262 min Scan# 2078
Delta R.T. 0.011 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

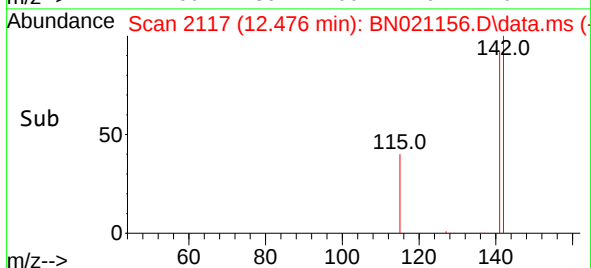
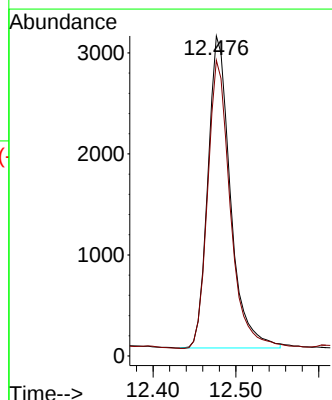
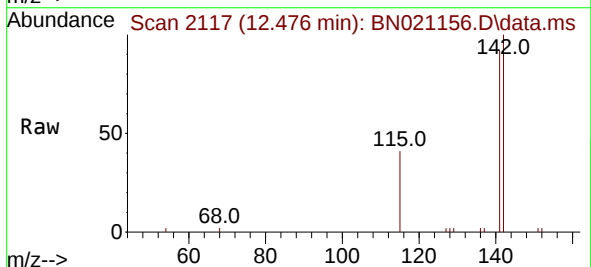
Instrument :
BNA_N
ClientSampleId :
SLCS935

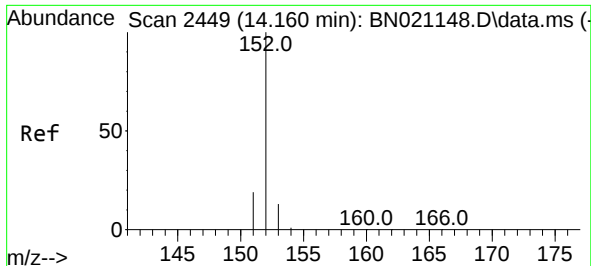
Tgt Ion:142 Resp: 5314
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.476 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

Tgt Ion:142 Resp: 5838
Ion Ratio Lower Upper
142 100
141 92.8 73.9 110.9

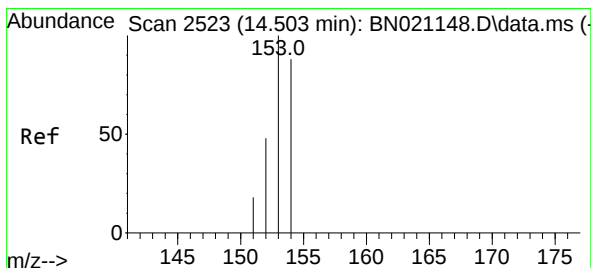
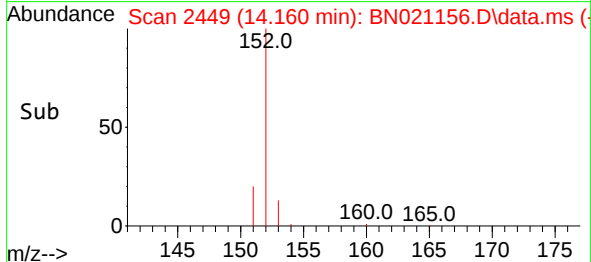
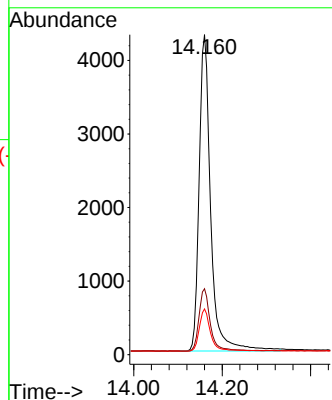
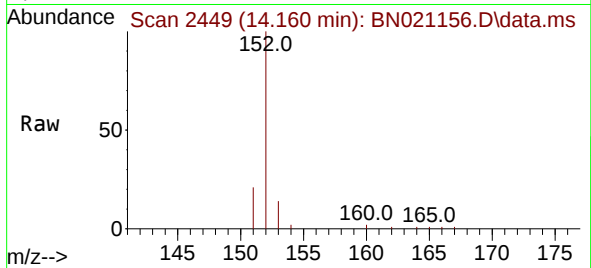




#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.160 min Scan# 2449
Delta R.T. 0.005 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

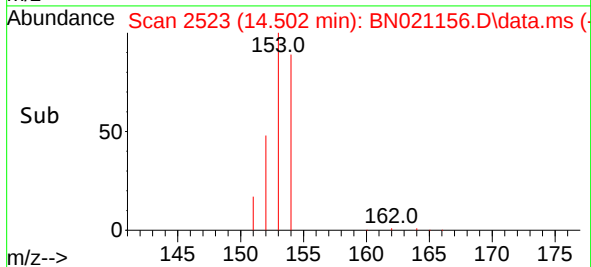
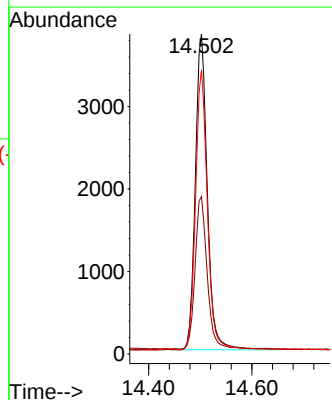
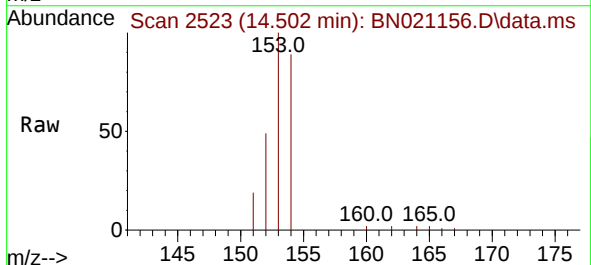
Instrument :
BNA_N
ClientSampleId :
SLCS935

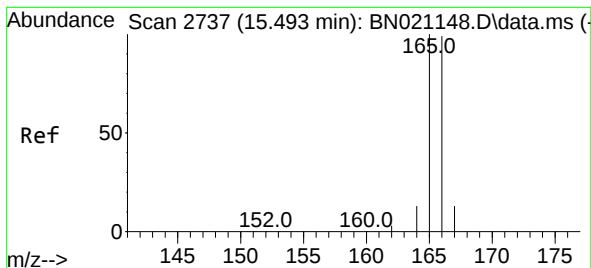
Tgt Ion:152 Resp: 7786
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 14.3 11.2 16.8



#11
Acenaphthene
Concen: 0.307 ng/ul
RT: 14.502 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

Tgt Ion:153 Resp: 6230
Ion Ratio Lower Upper
153 100
152 49.2 40.2 60.4
154 88.8 70.7 106.1





#12

Fluorene

Concen: 0.302 ng/ul

RT: 15.497 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN021156.D

Acq: 11 Aug 2022 20:24

Instrument :

BNA_N

ClientSampleId :

SLCS935

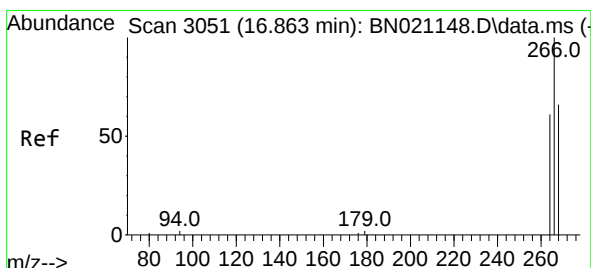
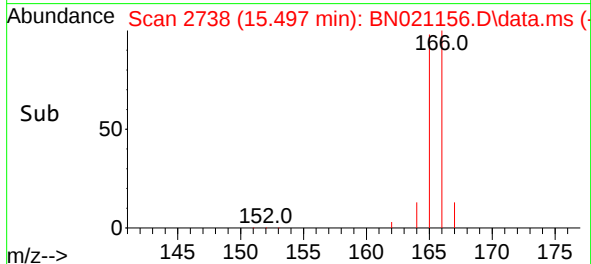
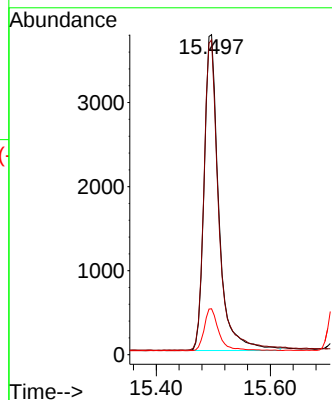
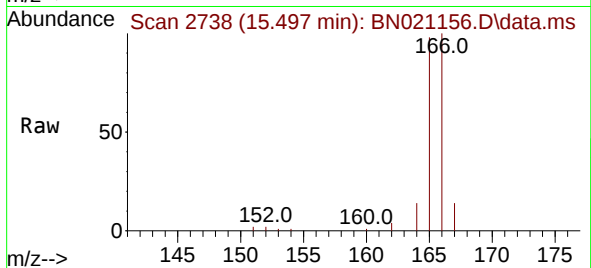
Tgt Ion:166 Resp: 6708

Ion Ratio Lower Upper

166 100

165 98.4 78.6 117.8

167 14.4 11.8 17.6



#14

Pentachlorophenol

Concen: 0.498 ng/ul

RT: 16.863 min Scan# 3051

Delta R.T. 0.009 min

Lab File: BN021156.D

Acq: 11 Aug 2022 20:24

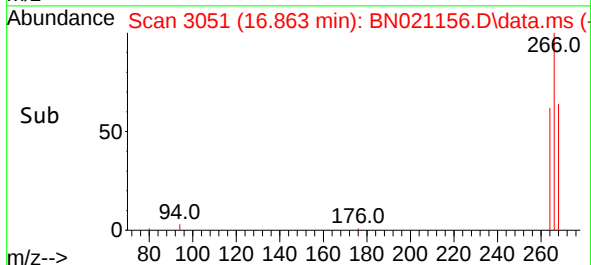
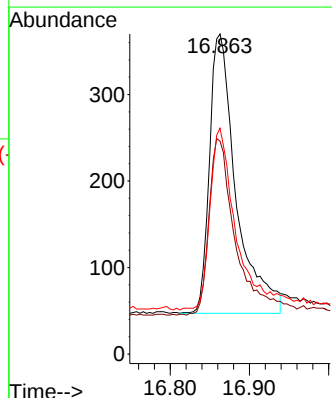
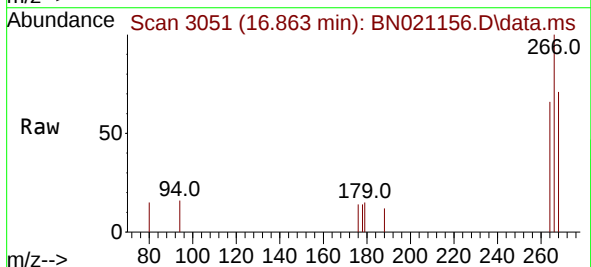
Tgt Ion:266 Resp: 754

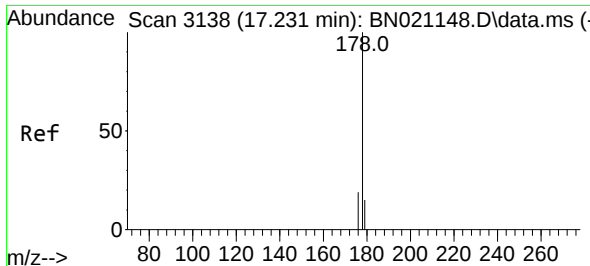
Ion Ratio Lower Upper

266 100

264 62.2 49.8 74.8

268 63.7 50.6 75.8

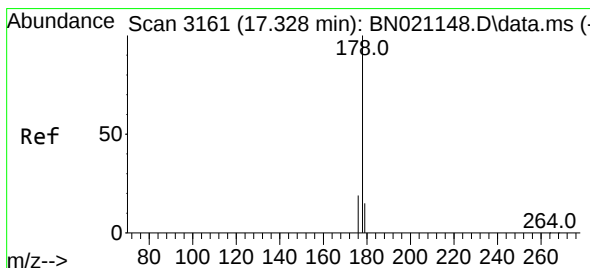
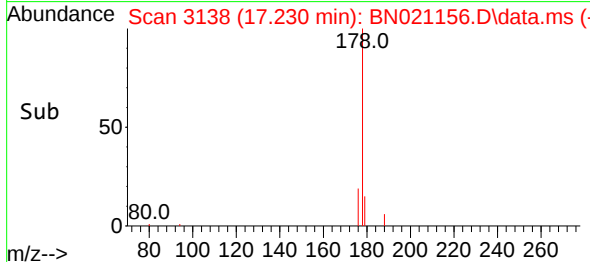
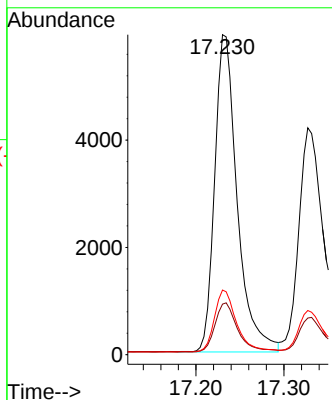
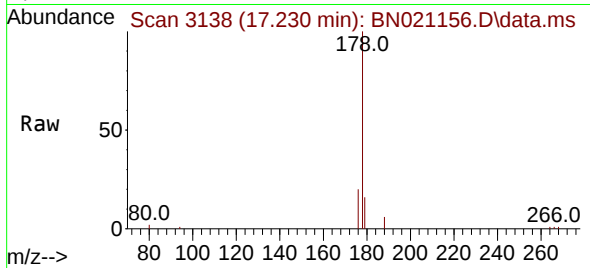




#15
Phenanthrene
Concen: 0.300 ng/ul
RT: 17.230 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

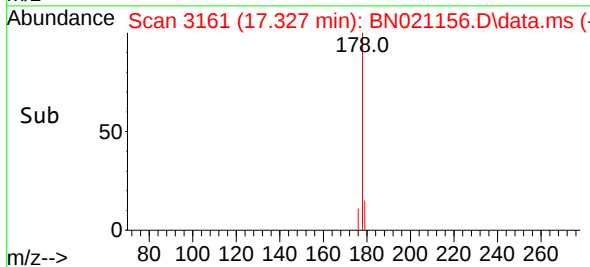
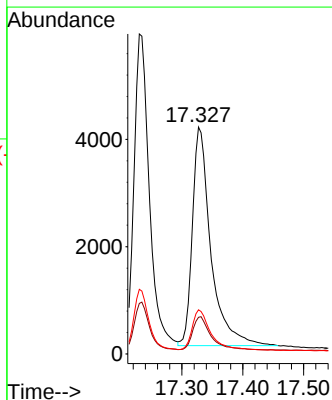
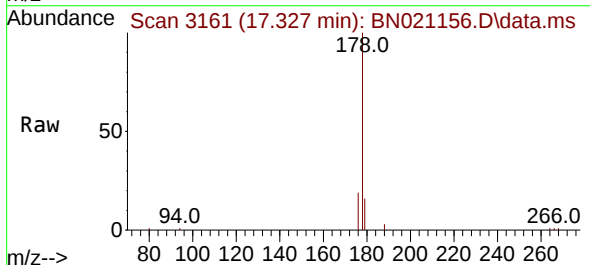
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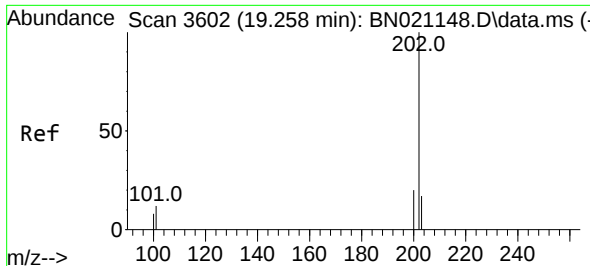
Tgt Ion:	178	Resp:	10528
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.8	19.2
176	20.2	15.9	23.9



#16
Anthracene
Concen: 0.317 ng/ul
RT: 17.327 min Scan# 3161
Delta R.T. 0.005 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

Tgt Ion:	178	Resp:	8636
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.9	19.3
176	19.4	15.9	23.9

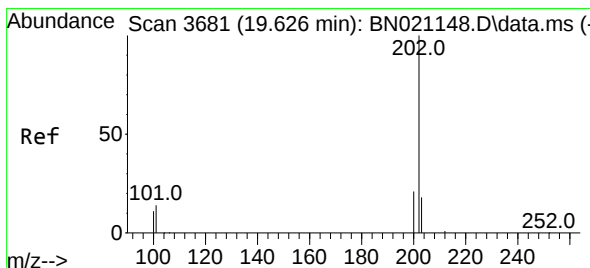
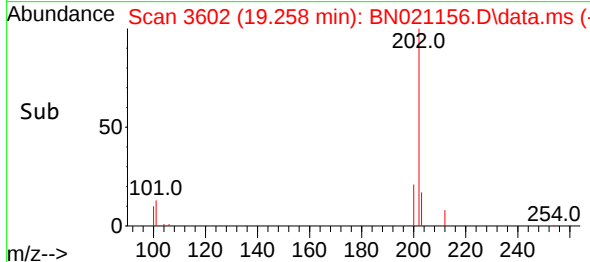
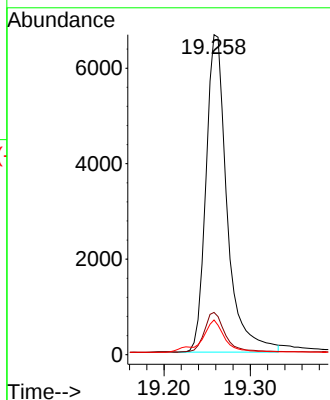
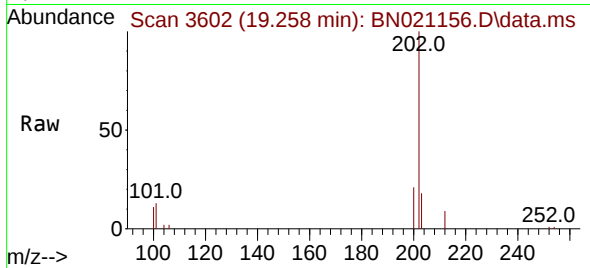




#19
Fluoranthene
Concen: 0.372 ng/ul
RT: 19.258 min Scan# 3602
Delta R.T. -0.004 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

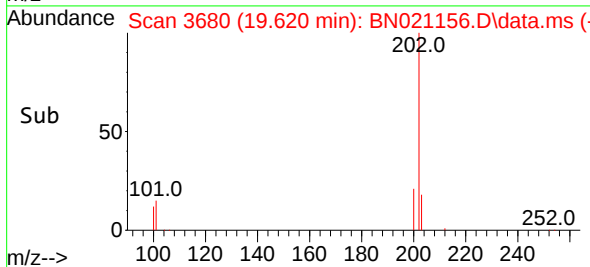
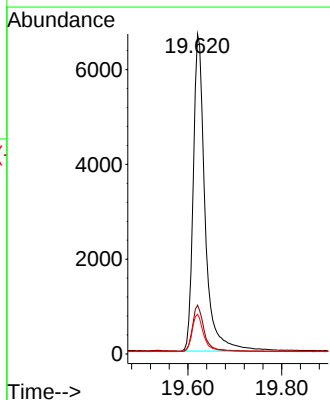
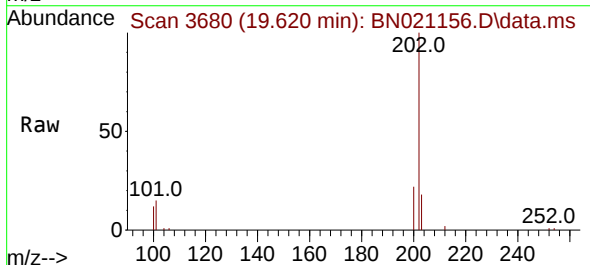
Instrument :
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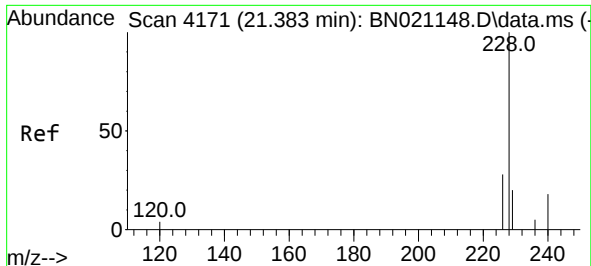
Tgt Ion:202 Resp: 11330
Ion Ratio Lower Upper
202 100
101 13.2 10.0 15.0
100 10.8 8.0 12.0



#20
Pyrene
Concen: 0.374 ng/ul
RT: 19.620 min Scan# 3680
Delta R.T. -0.004 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

Tgt Ion:202 Resp: 11753
Ion Ratio Lower Upper
202 100
101 15.3 11.3 16.9
100 12.4 9.0 13.4

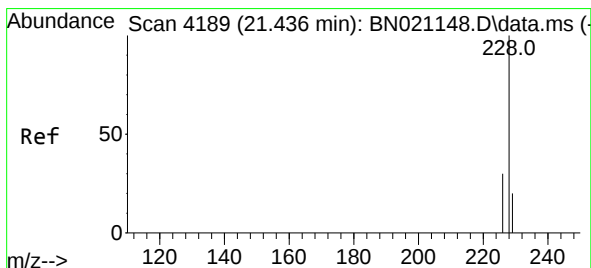
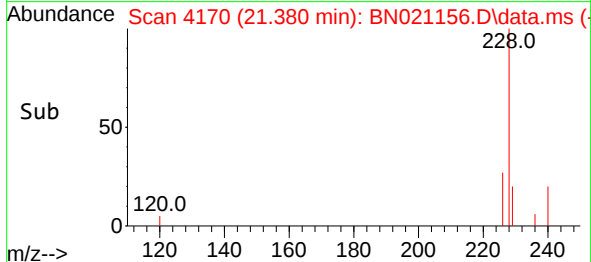
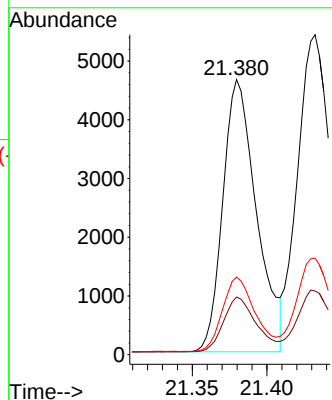
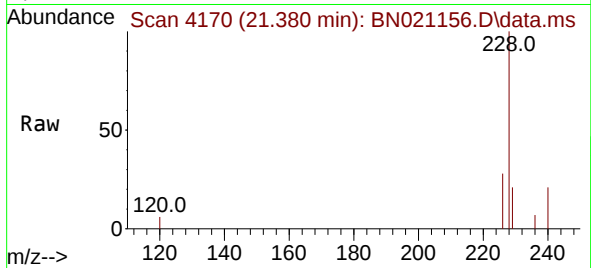




#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.380 min Scan# 4171
Delta R.T. -0.007 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

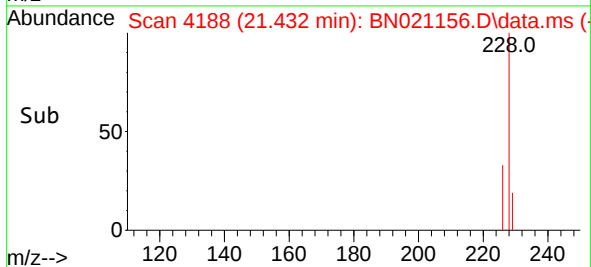
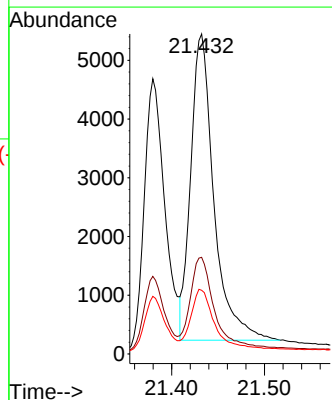
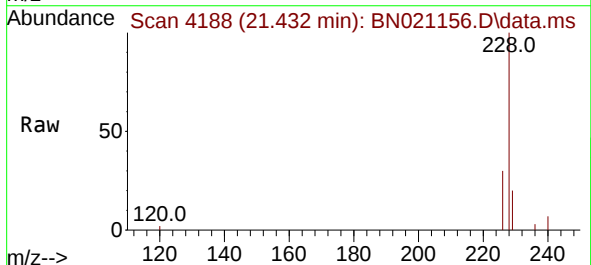
Instrument :
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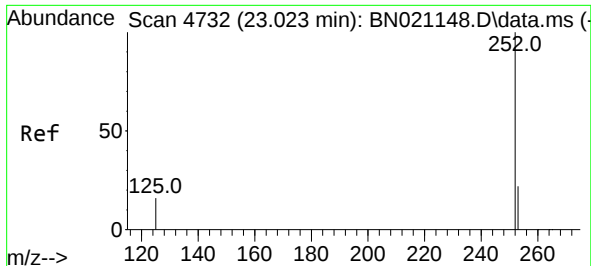
Tgt Ion:228 Resp: 7278
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.2 21.9 32.9



#22
Chrysene
Concen: 0.306 ng/ul
RT: 21.432 min Scan# 4188
Delta R.T. -0.010 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

Tgt Ion:228 Resp: 9029
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 19.9 15.8 23.8

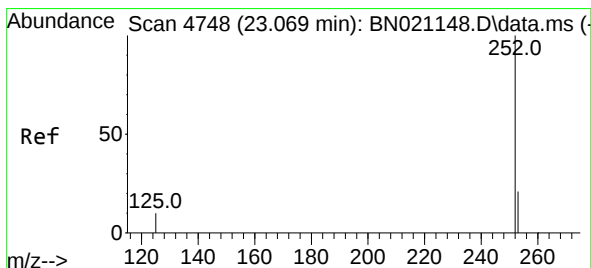
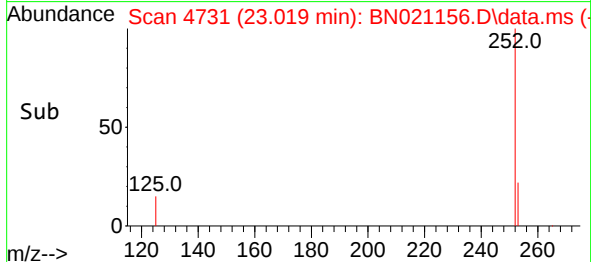
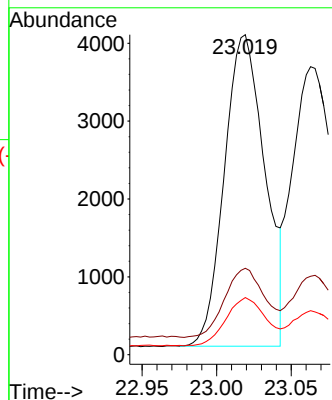
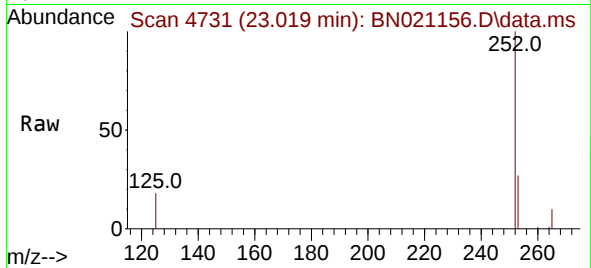




#24
Benzo(b)fluoranthene
Concen: 0.314 ng/ul
RT: 23.019 min Scan# 4731
Delta R.T. -0.010 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

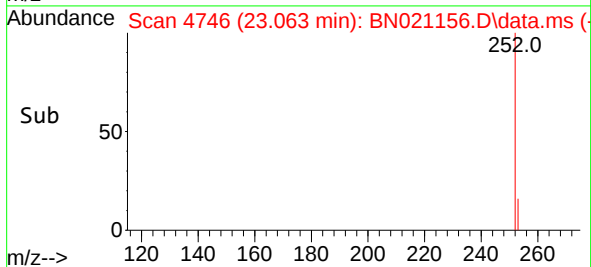
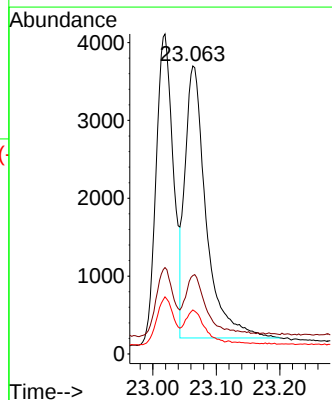
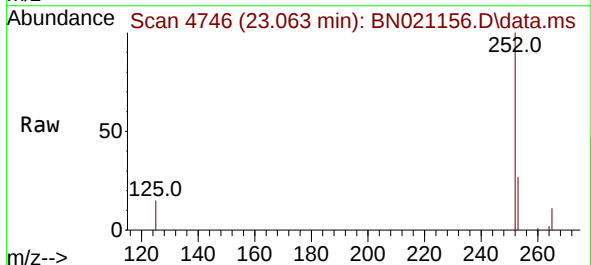
Instrument :
BNA_N
ClientSampleId :
SLCS935

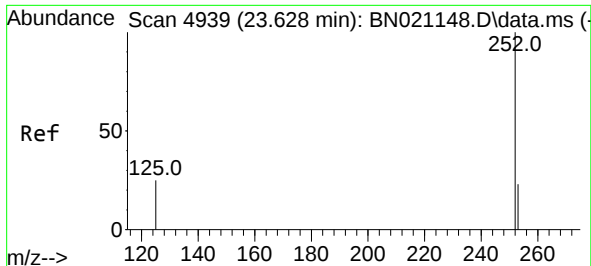
Tgt Ion:252 Resp: 7587
Ion Ratio Lower Upper
252 100
253 27.0 0.0 50.8
125 17.9 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul
RT: 23.063 min Scan# 4746
Delta R.T. -0.013 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

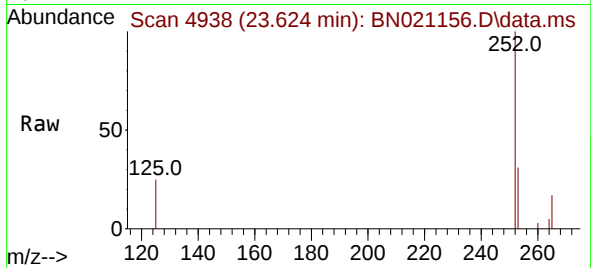
Tgt Ion:252 Resp: 8084
Ion Ratio Lower Upper
252 100
253 27.2 20.6 31.0
125 15.3 11.8 17.6



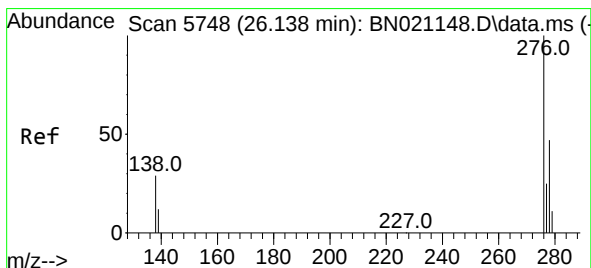
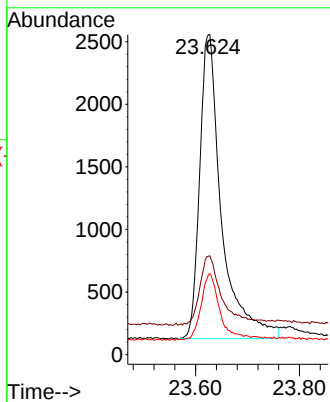
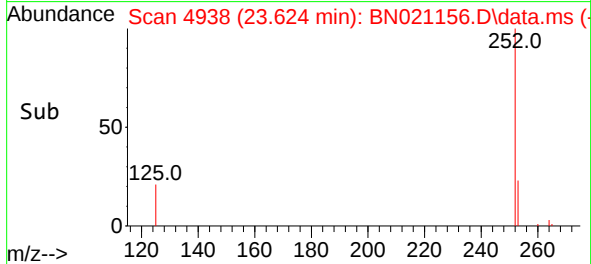


#26
Benzo(a)pyrene
Concen: 0.322 ng/ul
RT: 23.624 min Scan# 4938
Delta R.T. -0.010 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

Instrument :
BNA_N
ClientSampleId :
SLCS935

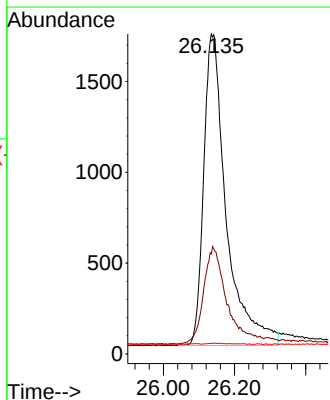
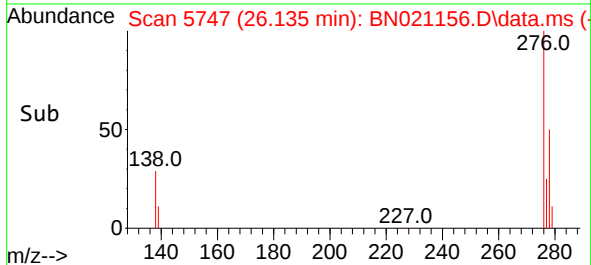
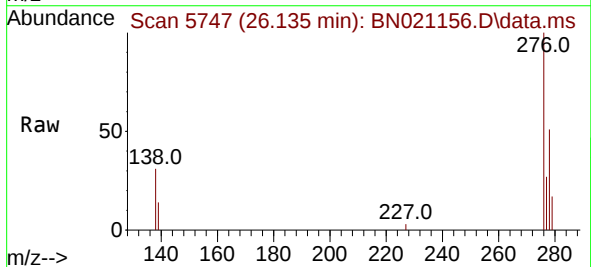


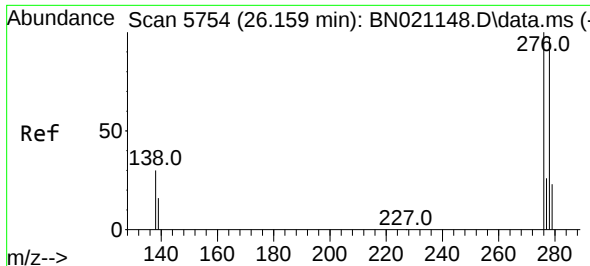
Tgt Ion:252 Resp: 7100
Ion Ratio Lower Upper
252 100
253 30.8 22.1 33.1
125 24.9 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng/ul
RT: 26.135 min Scan# 5747
Delta R.T. -0.015 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

Tgt Ion:276 Resp: 7556
Ion Ratio Lower Upper
276 100
138 33.2 26.1 39.1
227 0.1 0.1 0.1

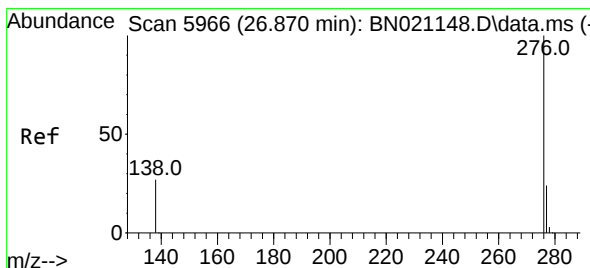
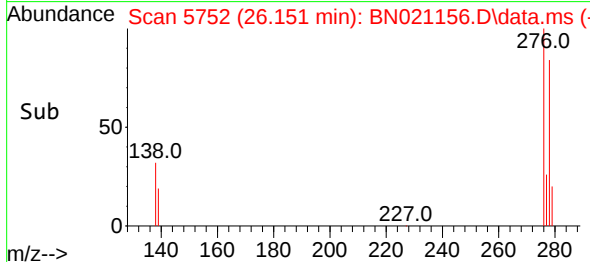
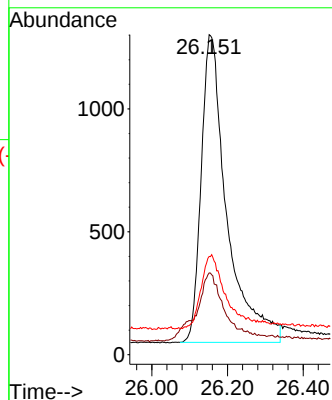
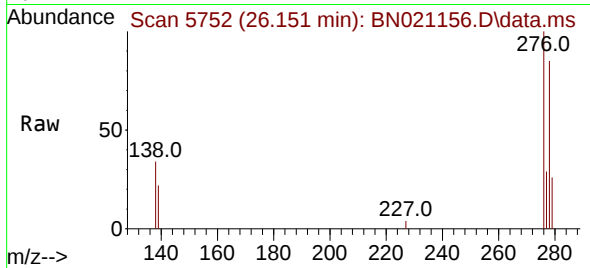




#28
Dibenzo(a,h)anthracene
Concen: 0.283 ng/ul
RT: 26.151 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

Instrument :
BNA_N
ClientSampleId :
SLCS935

Tgt Ion:278 Resp: 5894
Ion Ratio Lower Upper
278 100
139 25.6 18.3 27.5
279 30.7 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.296 ng/ul
RT: 26.872 min Scan# 5967
Delta R.T. -0.015 min
Lab File: BN021156.D
Acq: 11 Aug 2022 20:24

Tgt Ion:276 Resp: 6952
Ion Ratio Lower Upper
276 100
138 30.4 22.6 34.0
277 26.0 20.2 30.2

