

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080922\
 Data File : BN021095.D
 Acq On : 09 Aug 2022 21:16
 Operator : CG/JU
 Sample : PB146837BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 09 23:14:18 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)

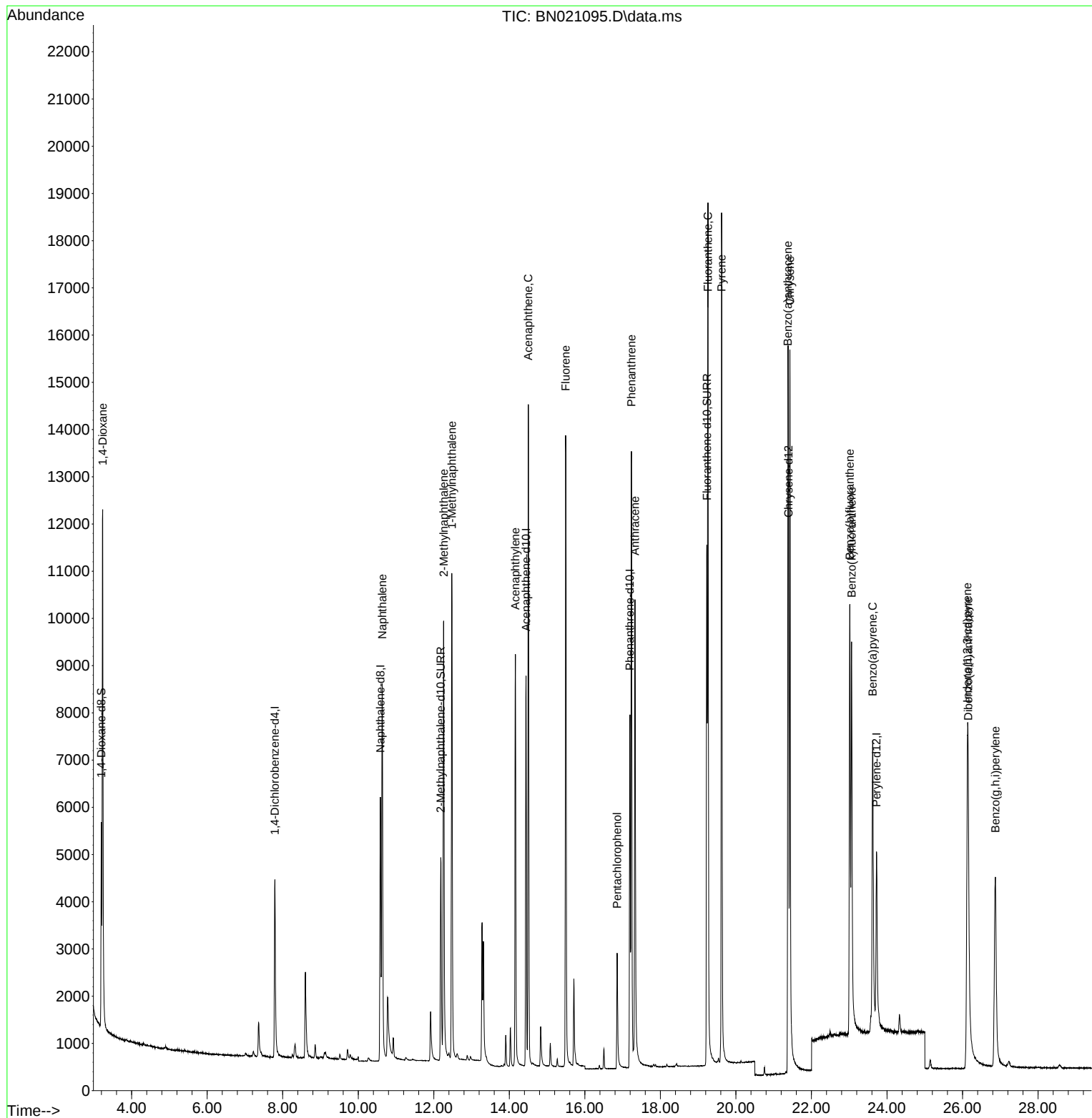
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	2463	0.400	ng/ul	0.01
4) Naphthalene-d8	10.585	136	8424	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.443	164	4831	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.193	188	9469	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	7626	0.400	ng/ul	0.00
23) Perylene-d12	23.724	264	5804	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	2807	0.891	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.185	152	6380	0.517	ng/ul	0.00
18) Fluoranthene-d10	19.231	212	13166	0.559	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.232	88	7242	2.231	ng/ul#	84
5) Naphthalene	10.635	128	12078	0.467	ng/ul	99
7) 2-Methylnaphthalene	12.262	142	7623	0.486	ng/ul	99
8) 1-Methylnaphthalene	12.477	142	7700	0.490	ng/ul	100
10) Acenaphthylene	14.160	152	11007	0.487	ng/ul	98
11) Acenaphthene	14.503	153	8459	0.453	ng/ul	99
12) Fluorene	15.493	166	9469	0.464	ng/ul	100
14) Pentachlorophenol	16.855	266	1941	1.329	ng/ul	99
15) Phenanthrene	17.235	178	15082	0.445	ng/ul	99
16) Anthracene	17.328	178	12991	0.495	ng/ul	98
19) Fluoranthene	19.259	202	16754	0.496	ng/ul	99
20) Pyrene	19.621	202	17247	0.495	ng/ul	98
21) Benzo(a)anthracene	21.377	228	12864	0.517	ng/ul	100
22) Chrysene	21.430	228	14506	0.443	ng/ul	99
24) Benzo(b)fluoranthene	23.017	252	12554	0.467	ng/ul	100
25) Benzo(k)fluoranthene	23.064	252	12790	0.451	ng/ul	99
26) Benzo(a)pyrene	23.622	252	11485	0.469	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.128	276	11432	0.391	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.152	278	9111	0.394	ng/ul	98
29) Benzo(g,h,i)perylene	26.870	276	10068	0.386	ng/ul	100

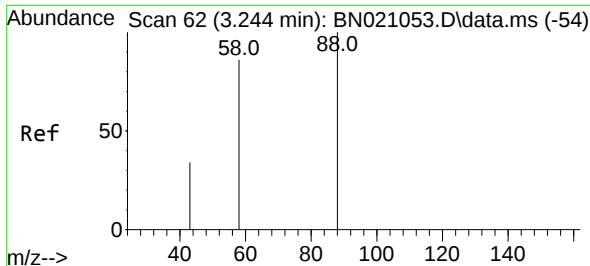
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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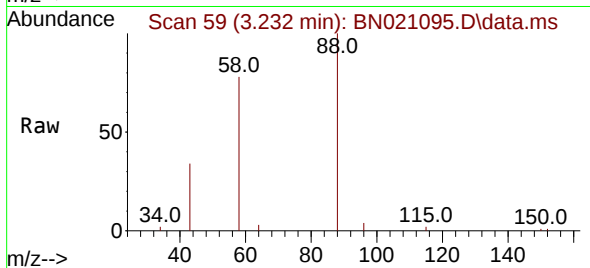
Quant Time: Aug 09 23:14:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 09 23:10:06 2022
Response via : Initial Calibration



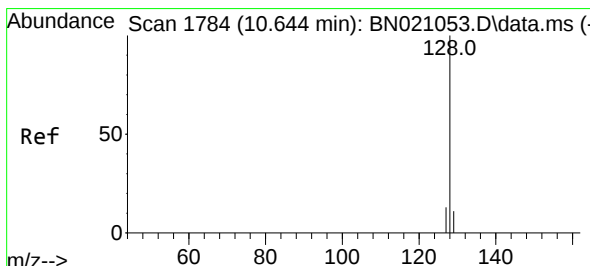
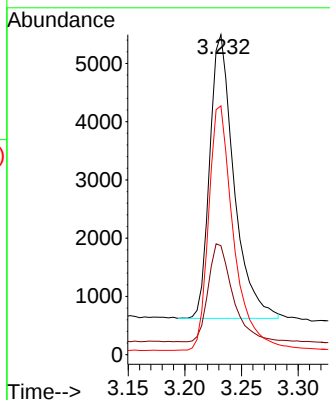
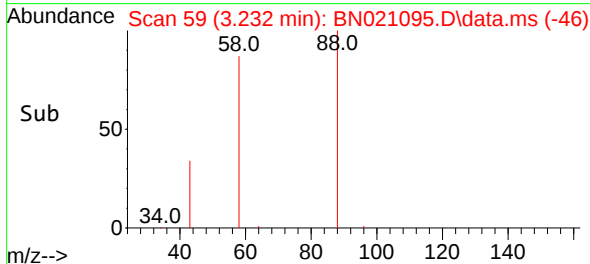


#2
 1,4-Dioxane
 Concen: 2.231 ng/ul
 RT: 3.232 min Scan# 51
 Delta R.T. 0.004 min
 Lab File: BN021095.D
 Acq: 09 Aug 2022 21:16

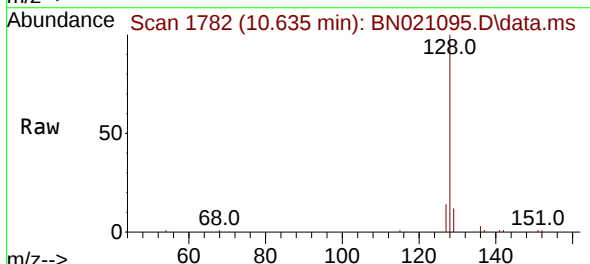
Instrument :
 BNA_N
 ClientSampleId :



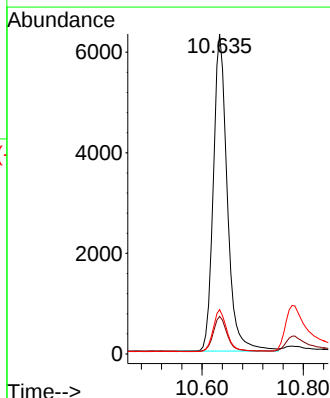
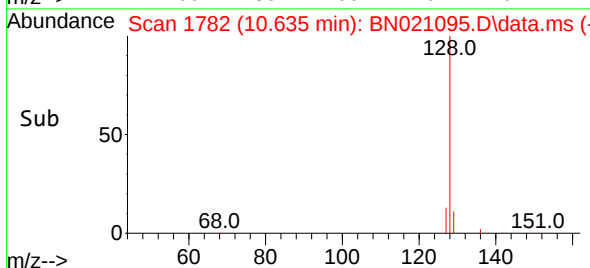
Tgt Ion: 88 Resp: 7242
 Ion Ratio Lower Upper
 88 100
 43 34.0 31.4 47.0
 58 77.8 49.0 73.6#

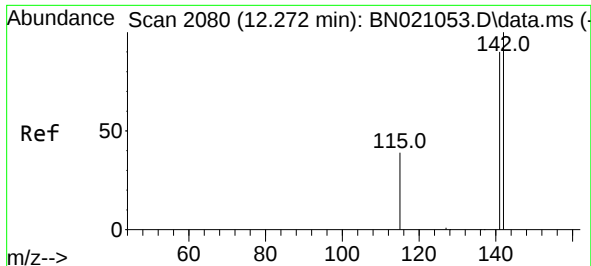


#5
 Naphthalene
 Concen: 0.467 ng/ul
 RT: 10.635 min Scan# 1782
 Delta R.T. 0.007 min
 Lab File: BN021095.D
 Acq: 09 Aug 2022 21:16



Tgt Ion: 128 Resp: 12078
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.8 14.6
 127 13.8 11.6 17.4

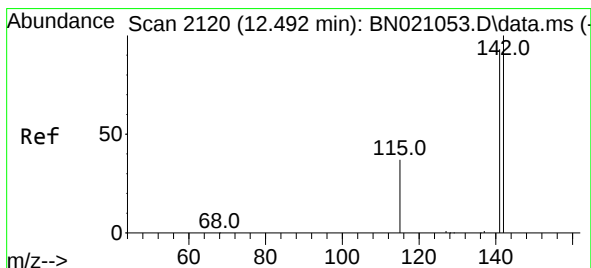
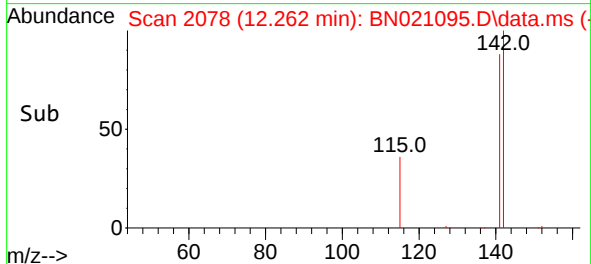
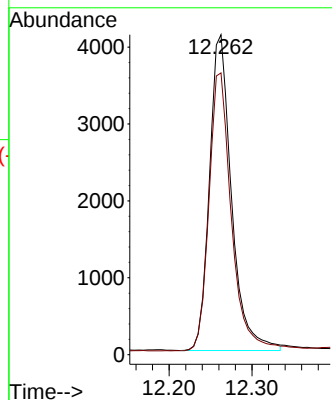
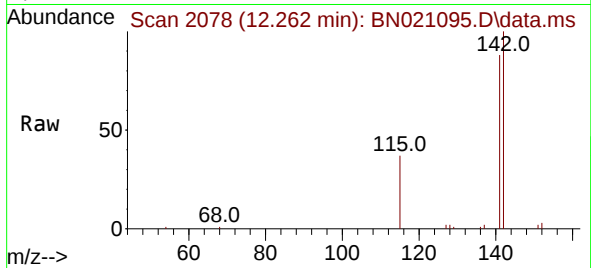




#7
2-Methylnaphthalene
Concen: 0.486 ng/ul
RT: 12.262 min Scan# 2080
Delta R.T. 0.012 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

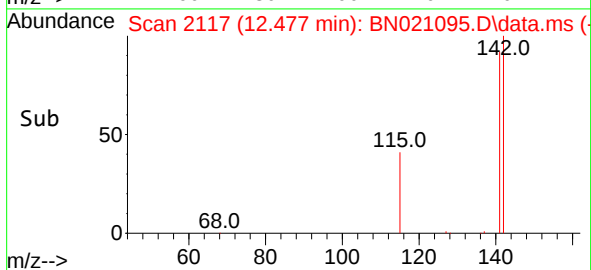
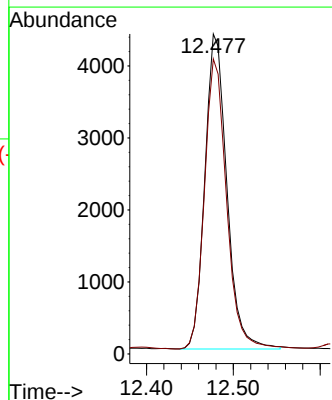
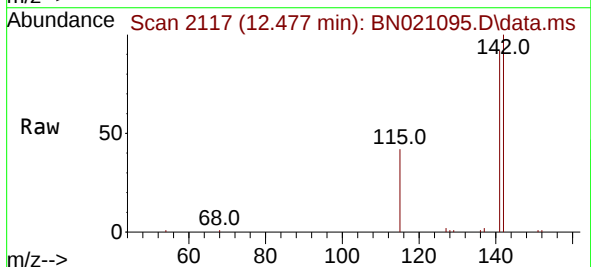
Instrument :
BNA_N
ClientSampleId :

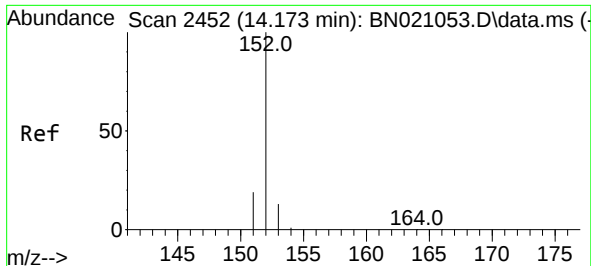
Tgt Ion:142 Resp: 7623
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.490 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

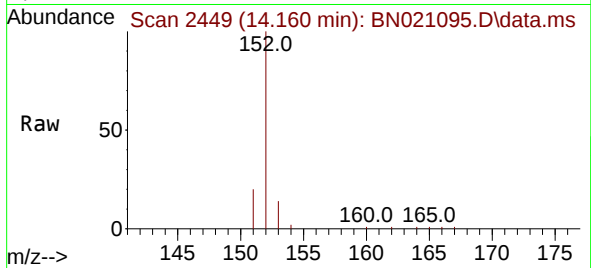
Tgt Ion:142 Resp: 7700
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9



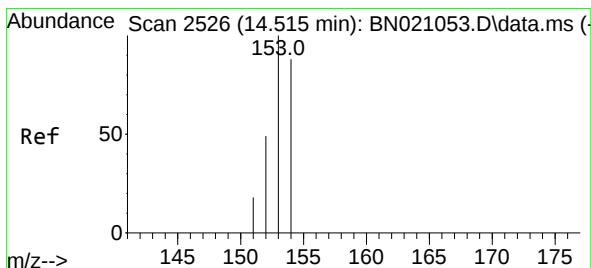
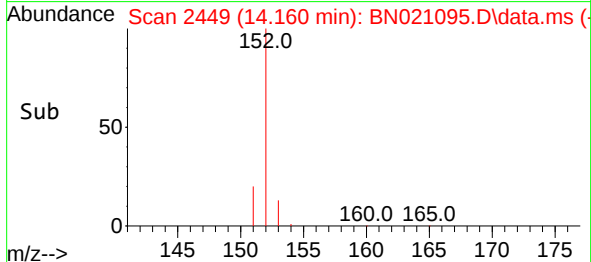
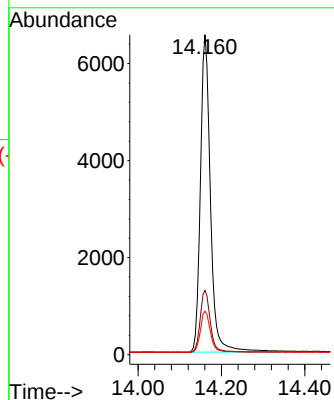


#10
Acenaphthylene
Concen: 0.487 ng/ul
RT: 14.160 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Instrument :
BNA_N
ClientSampleId :

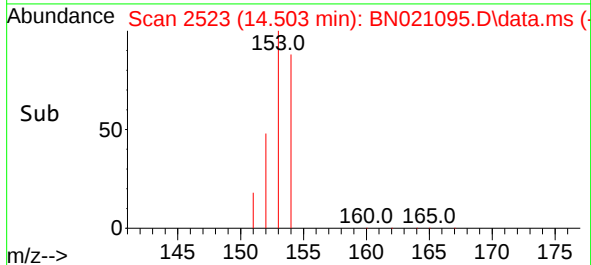
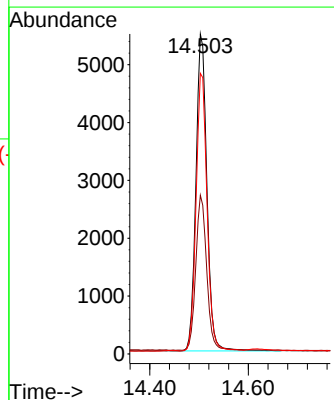
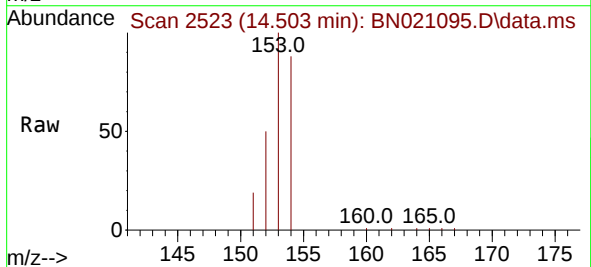


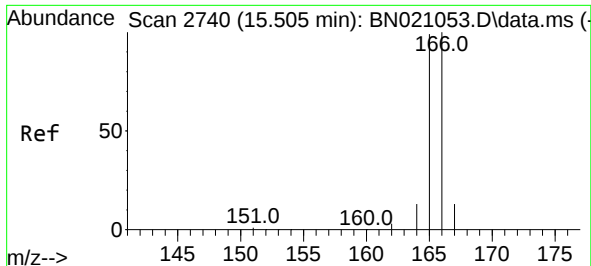
Tgt Ion:152 Resp: 11007
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 13.6 11.2 16.8



#11
Acenaphthene
Concen: 0.453 ng/ul
RT: 14.503 min Scan# 2523
Delta R.T. 0.001 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Tgt Ion:153 Resp: 8459
Ion Ratio Lower Upper
153 100
152 49.6 40.2 60.4
154 87.7 70.7 106.1

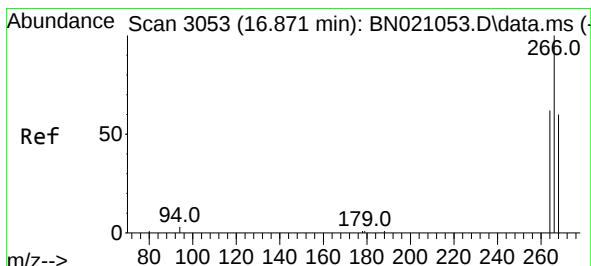
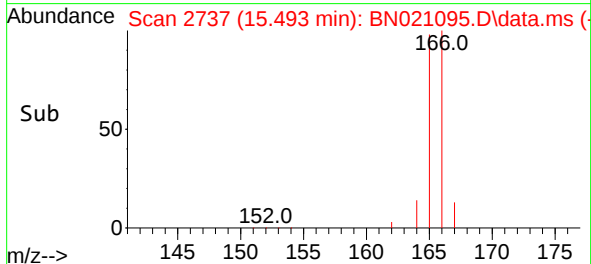
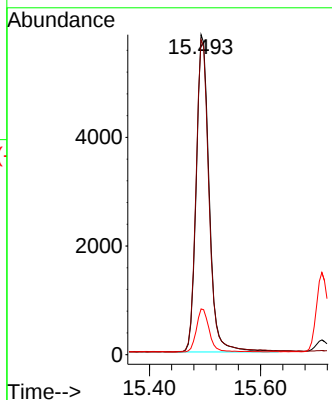
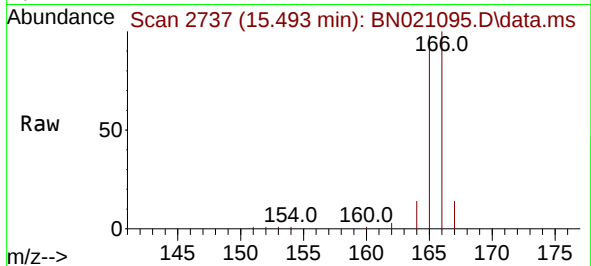




#12
 Fluorene
 Concen: 0.464 ng/ul
 RT: 15.493 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BN021095.D
 Acq: 09 Aug 2022 21:16

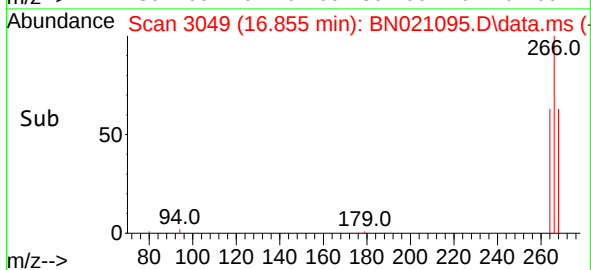
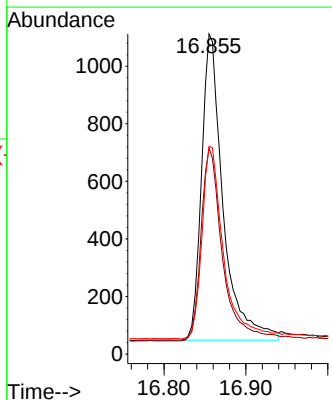
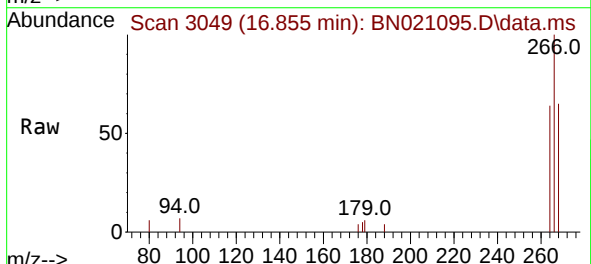
Instrument :
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 ClientSampleId :

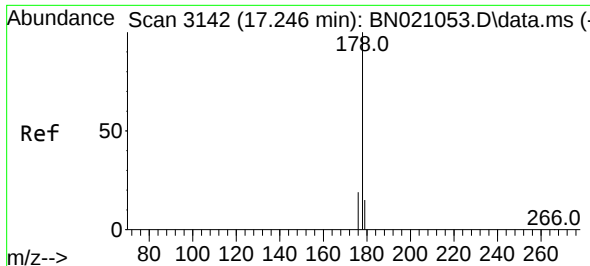
Tgt Ion:166 Resp: 9469
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.6 117.8
 167 14.3 11.8 17.6



#14
 Pentachlorophenol
 Concen: 1.329 ng/ul
 RT: 16.855 min Scan# 3049
 Delta R.T. 0.001 min
 Lab File: BN021095.D
 Acq: 09 Aug 2022 21:16

Tgt Ion:266 Resp: 1941
 Ion Ratio Lower Upper
 266 100
 264 63.0 49.8 74.8
 268 63.4 50.6 75.8

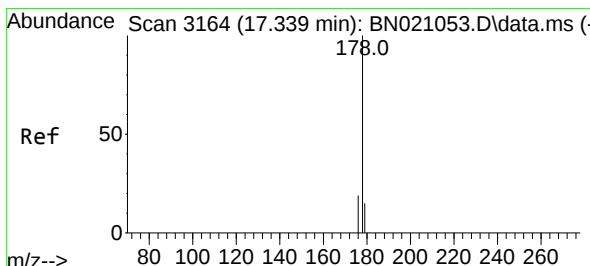
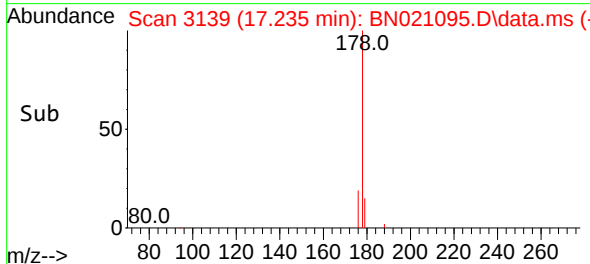
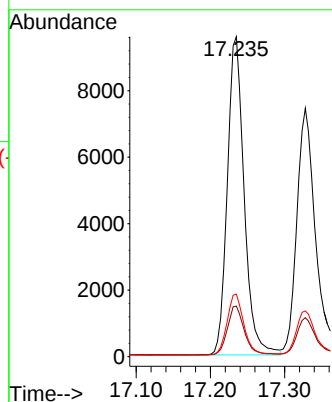
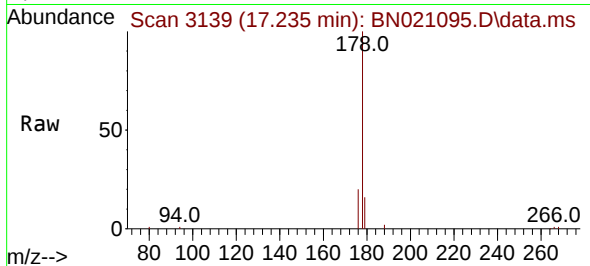




#15
Phenanthrene
Concen: 0.445 ng/ul
RT: 17.235 min Scan# 3142
Delta R.T. 0.005 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

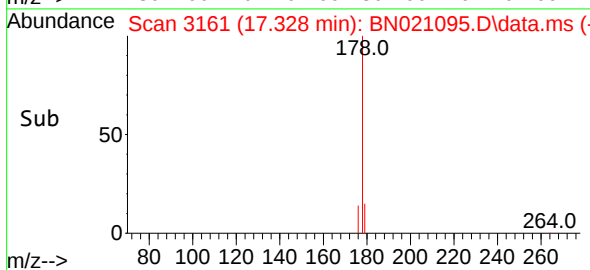
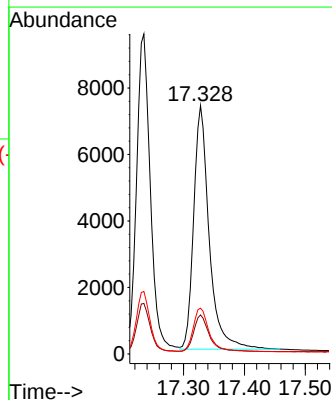
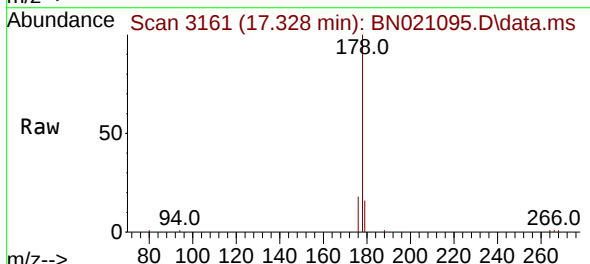
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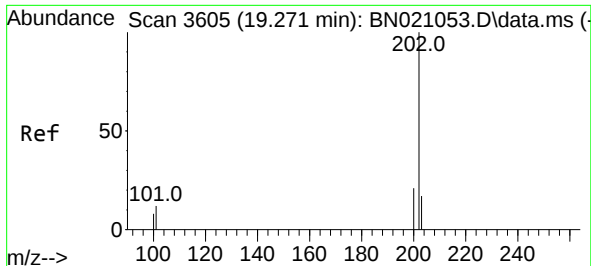
Tgt Ion:178 Resp: 15082
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.6 15.9 23.9



#16
Anthracene
Concen: 0.495 ng/ul
RT: 17.328 min Scan# 3161
Delta R.T. 0.005 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

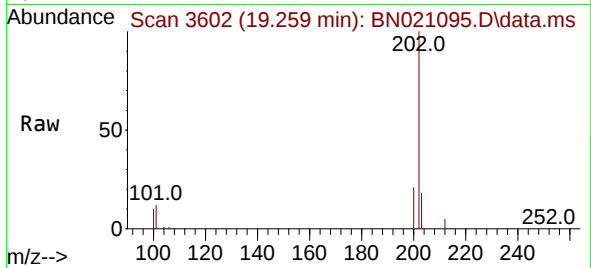
Tgt Ion:178 Resp: 12991
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 18.4 15.9 23.9



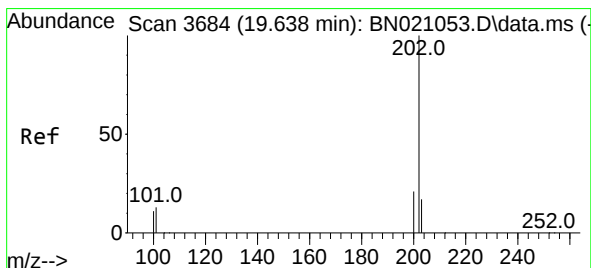
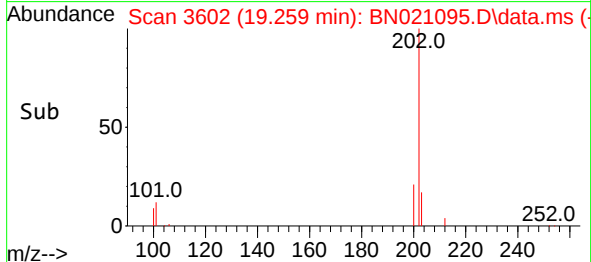
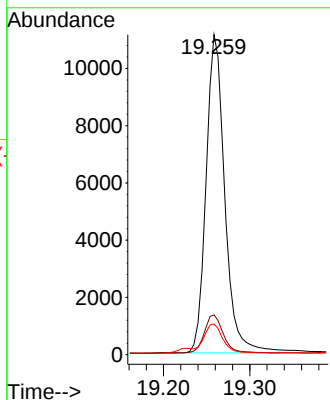


#19
Fluoranthene
Concen: 0.496 ng/ul
RT: 19.259 min Scan# 3602
Delta R.T. -0.004 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Instrument :
BNA_N
ClientSampleId :

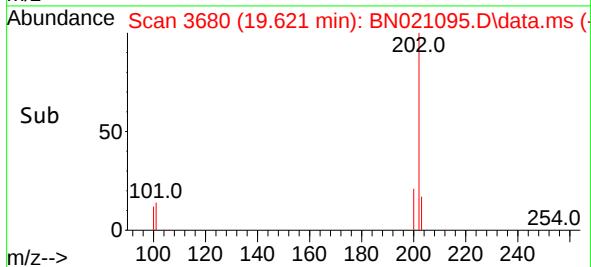
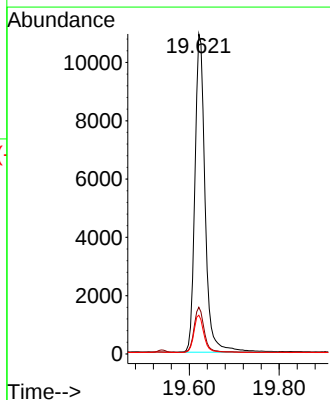
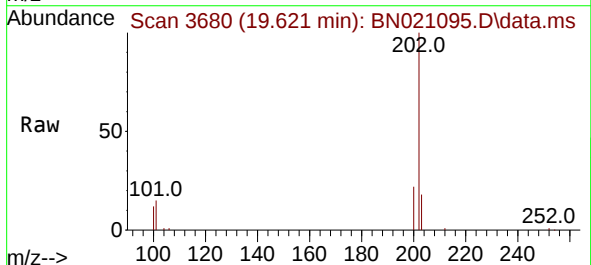


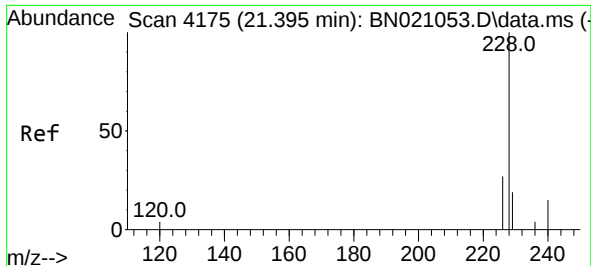
Tgt Ion:202 Resp: 16754
Ion Ratio Lower Upper
202 100
101 12.4 10.0 15.0
100 9.6 8.0 12.0



#20
Pyrene
Concen: 0.495 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. -0.004 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

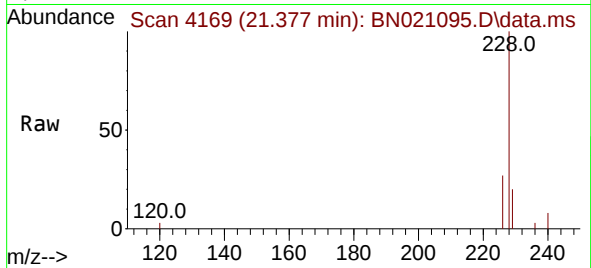
Tgt Ion:202 Resp: 17247
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 12.1 9.0 13.4



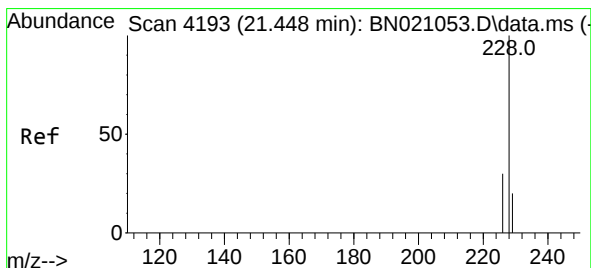
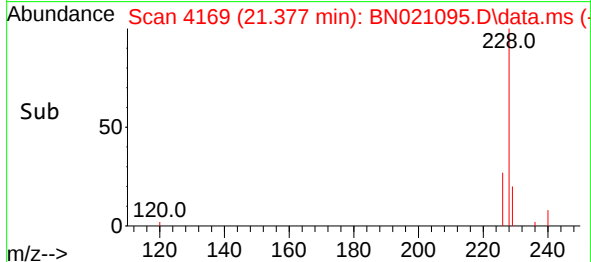
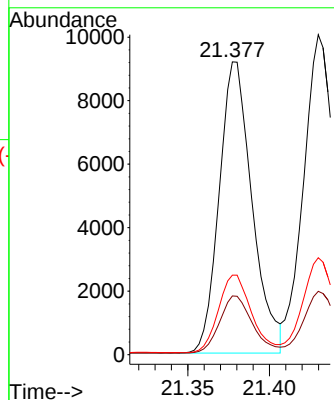


#21
Benzo(a)anthracene
Concen: 0.517 ng/ul
RT: 21.377 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Instrument :
BNA_N
ClientSampleId :

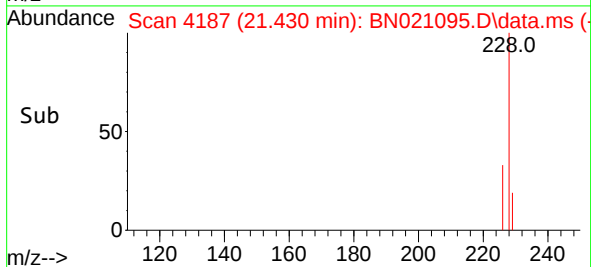
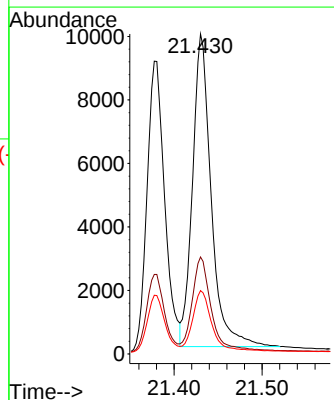
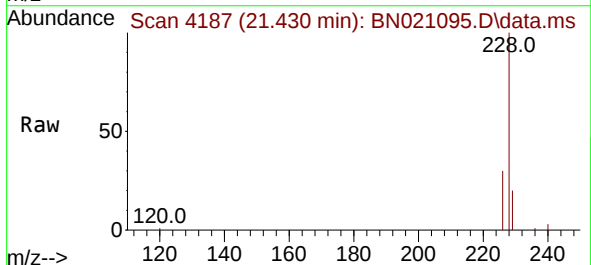


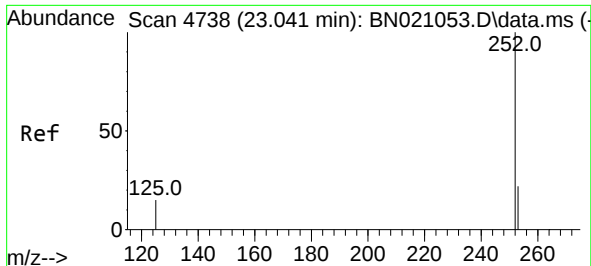
Tgt Ion:228 Resp: 12864
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.1 21.9 32.9



#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. -0.012 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

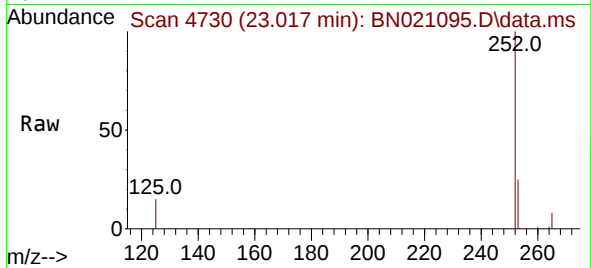
Tgt Ion:228 Resp: 14506
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.8 15.8 23.8



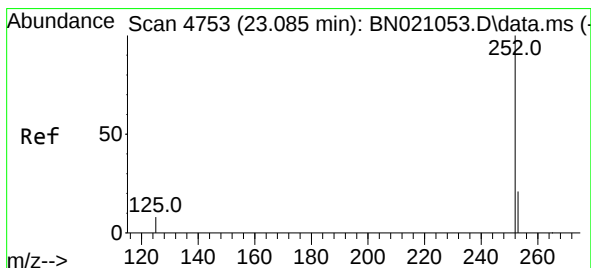
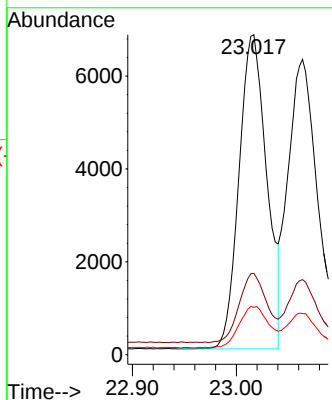


#24
Benzo(b)fluoranthene
Concen: 0.467 ng/ul
RT: 23.017 min Scan# 4730
Delta R.T. -0.012 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Instrument :
BNA_N
ClientSampleId :

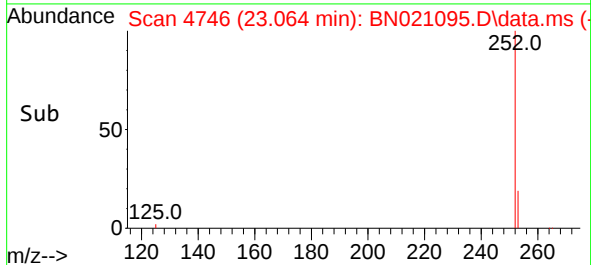
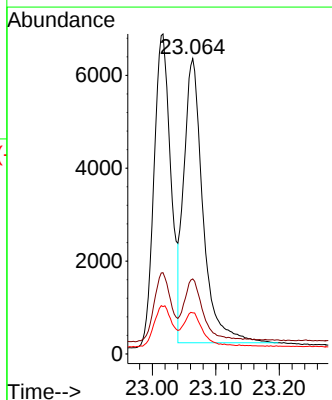
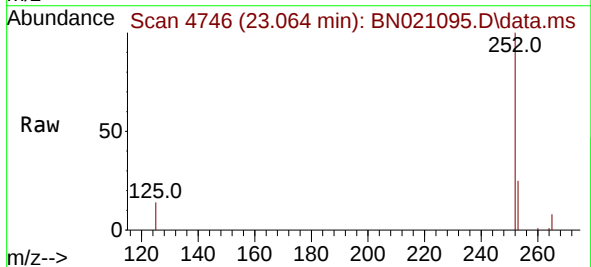


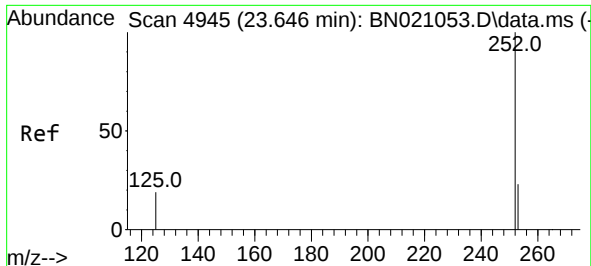
Tgt Ion:252 Resp: 12554
Ion Ratio Lower Upper
252 100
253 25.4 0.0 50.8
125 14.8 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.451 ng/ul
RT: 23.064 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

Tgt Ion:252 Resp: 12790
Ion Ratio Lower Upper
252 100
253 25.4 20.6 31.0
125 13.9 11.8 17.6

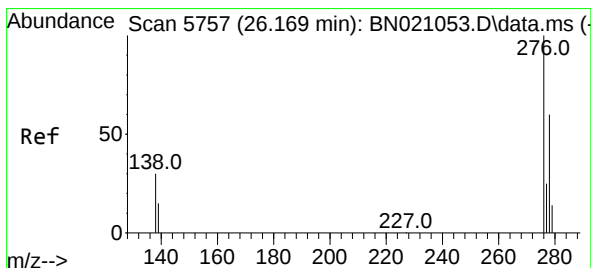
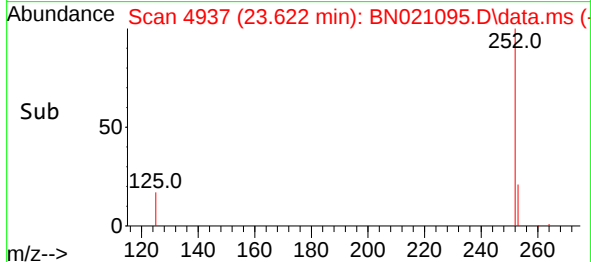
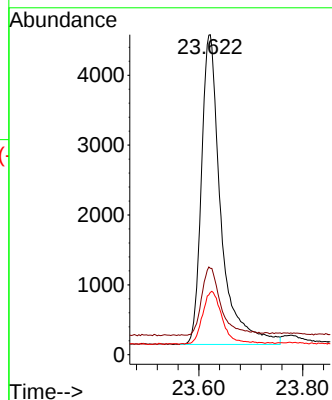
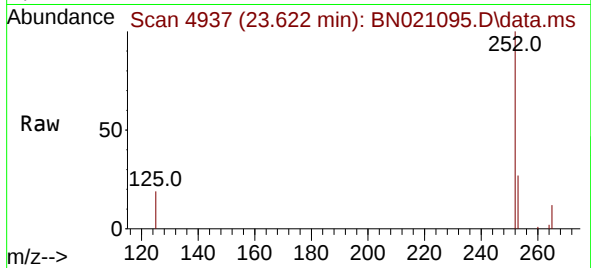




#26
Benzo(a)pyrene
Concen: 0.469 ng/ul
RT: 23.622 min Scan# 4945
Delta R.T. -0.012 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

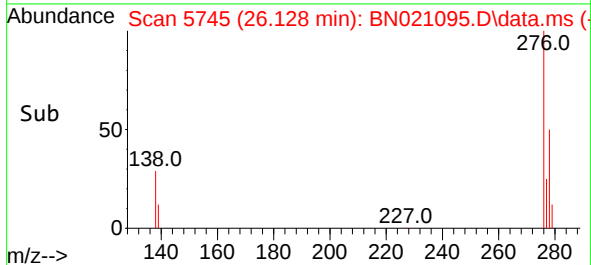
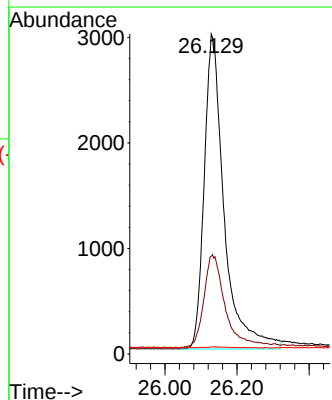
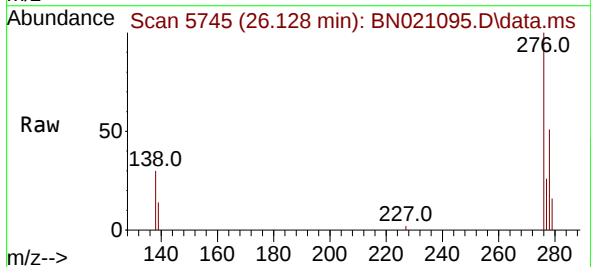
Instrument :
BNA_N
ClientSampleId :

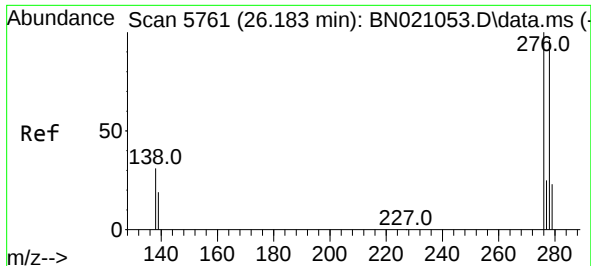
Tgt Ion:252 Resp: 11485
Ion Ratio Lower Upper
252 100
253 27.0 22.1 33.1
125 19.5 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng/ul
RT: 26.128 min Scan# 5745
Delta R.T. -0.021 min
Lab File: BN021095.D
Acq: 09 Aug 2022 21:16

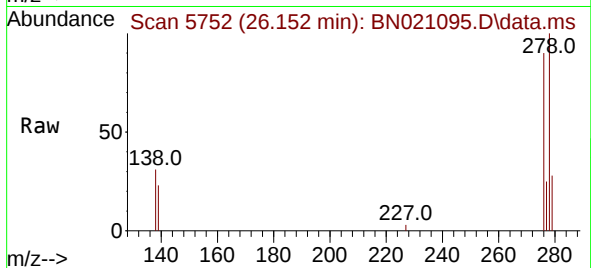
Tgt Ion:276 Resp: 11432
Ion Ratio Lower Upper
276 100
138 31.9 26.1 39.1
227 0.3 0.1 0.1#



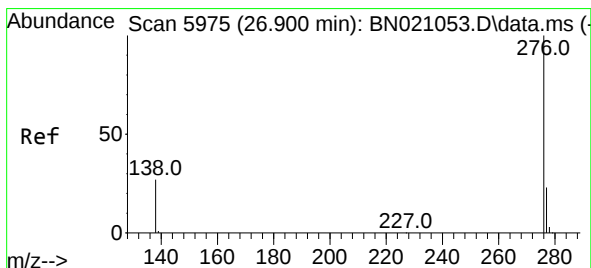
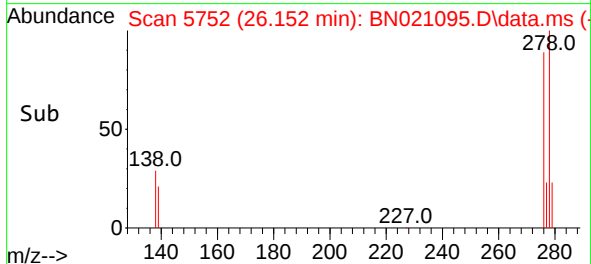
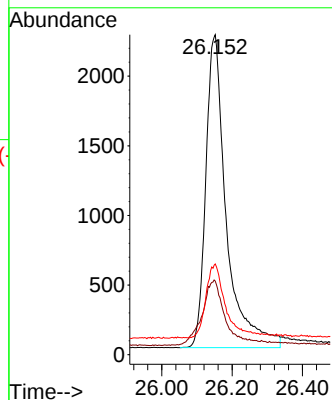


#28
 Dibenzo(a,h)anthracene
 Concen: 0.394 ng/ul
 RT: 26.152 min Scan# 51
 Delta R.T. -0.014 min
 Lab File: BN021095.D
 Acq: 09 Aug 2022 21:16

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 278 Resp: 9111
 Ion Ratio Lower Upper
 278 100
 139 23.0 18.3 27.5
 279 28.3 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.386 ng/ul
 RT: 26.870 min Scan# 5966
 Delta R.T. -0.017 min
 Lab File: BN021095.D
 Acq: 09 Aug 2022 21:16

Tgt Ion: 276 Resp: 10068
 Ion Ratio Lower Upper
 276 100
 138 27.9 22.6 34.0
 277 25.1 20.2 30.2

