

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
 Data File : BN021806.D
 Acq On : 19 Sep 2022 16:14
 Operator : CG/JU
 Sample : N4595-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 20 00:25:13 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

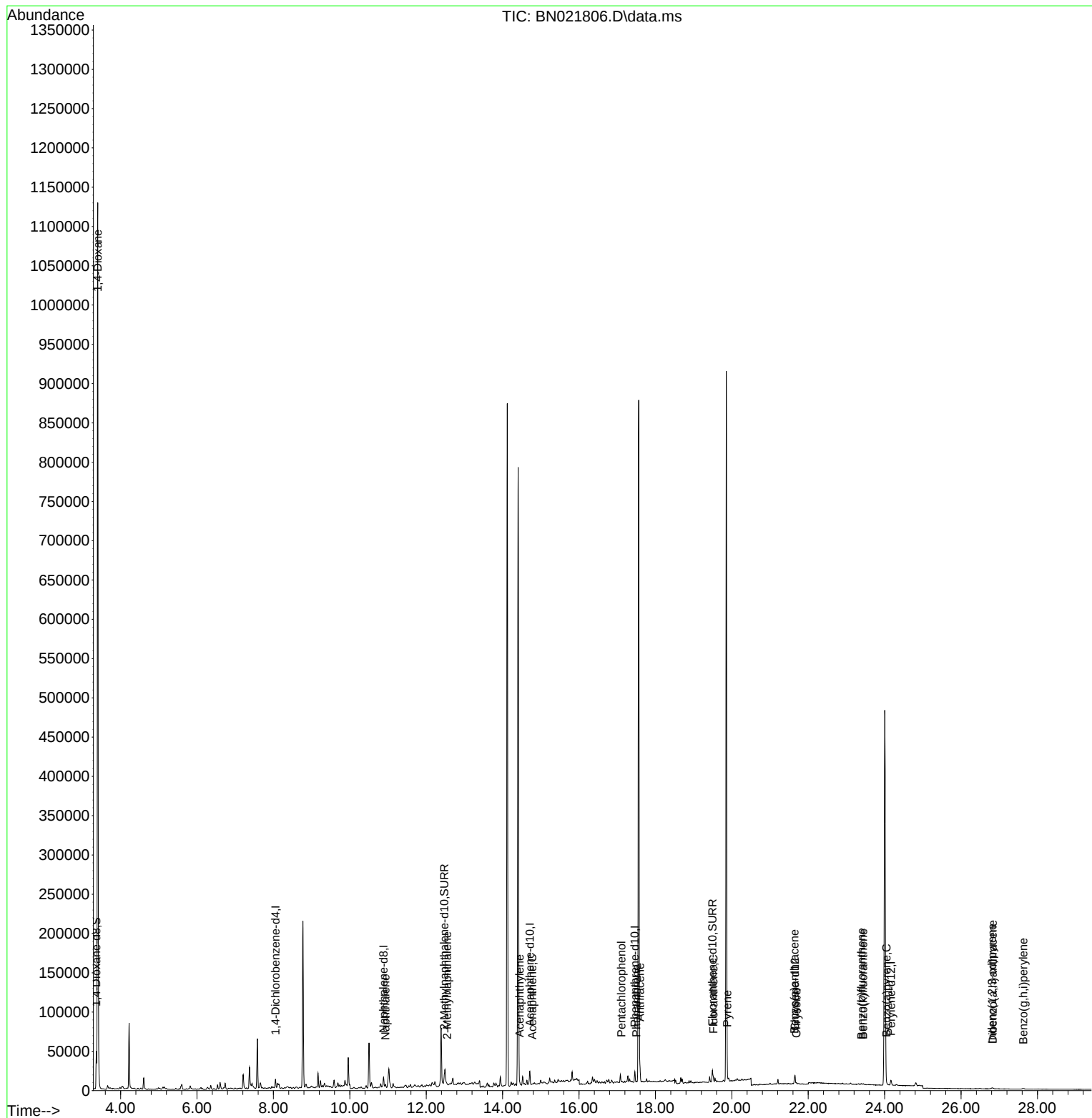
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	5400	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	17578	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.712	164	9917	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	15380	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.653	240	9161	0.400	ng/ul	# 0.00
23) Perylene-d12	24.164	264	9110	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	29266	4.405	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.473	152	10441	0.375	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	13525	0.397	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.401	88	804036	117.997	ng/ul#	85
5) Naphthalene	10.933	128	1161	0.023	ng/ul#	1
7) 2-Methylnaphthalene	12.550	142	649	0.020	ng/ul#	4
10) Acenaphthylene	14.444	152	1616	0.039	ng/ul#	1
11) Acenaphthene	14.772	153	770	0.022	ng/ul#	69
14) Pentachlorophenol	17.109	266	114	0.038	ng/ul#	77
15) Phenanthrene	17.502	178	1867	0.038	ng/ul#	1
16) Anthracene	17.595	178	19699	0.489	ng/ul#	85
19) Fluoranthene	19.520	202	2904	0.068	ng/ul#	1
20) Pyrene	19.882	202	3933	0.093	ng/ul#	43
21) Benzo(a)anthracene	21.635	228	5597	0.182	ng/ul#	59
22) Chrysene	21.688	228	1341	0.040	ng/ul#	1
24) Benzo(b)fluoranthene	23.389	252	1633	0.037	ng/ul#	1
25) Benzo(k)fluoranthene	23.439	252	1454	0.034	ng/ul#	1
26) Benzo(a)pyrene	24.050	252	990	0.030	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.811	276	1786	0.047	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.831	278	1425	0.045	ng/ul#	1
29) Benzo(g,h,i)perylene	27.626	276	1613	0.046	ng/ul#	18

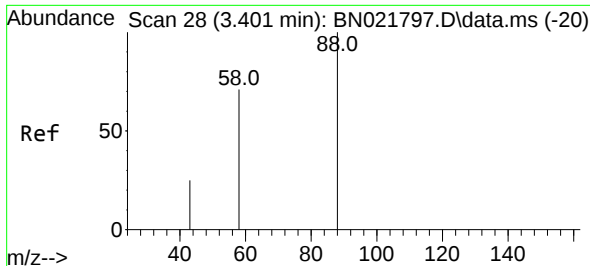
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
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Quant Time: Sep 20 00:25:13 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

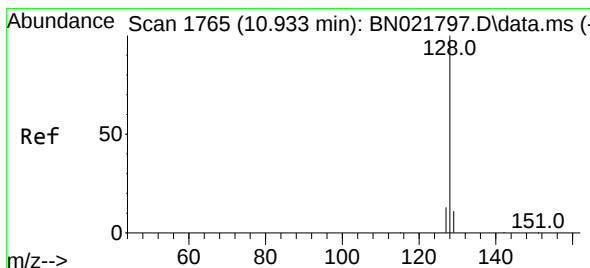
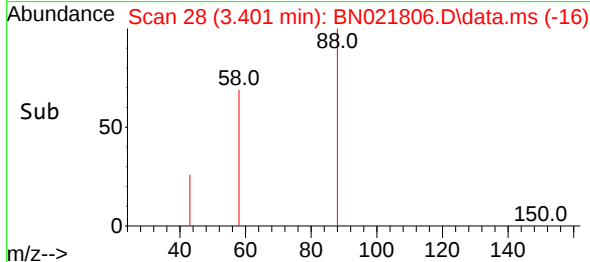
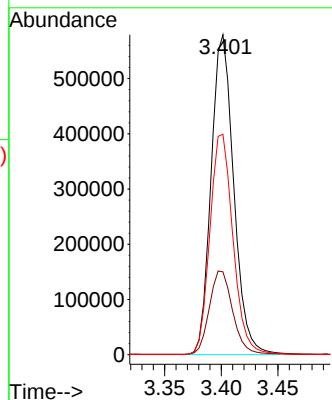
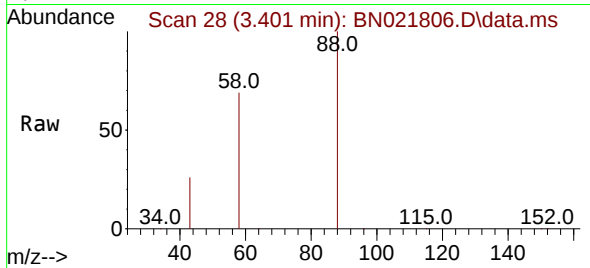




#2
 1,4-Dioxane
 Concen: 117.997 ng/ul
 RT: 3.401 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN021806.D
 Acq: 19 Sep 2022 16:14

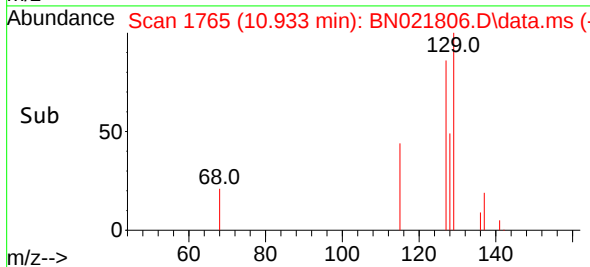
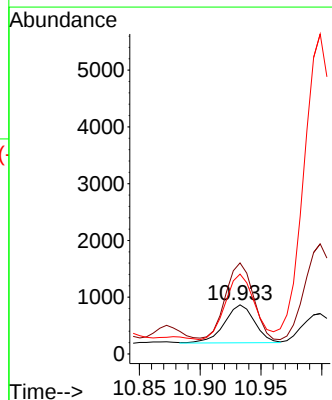
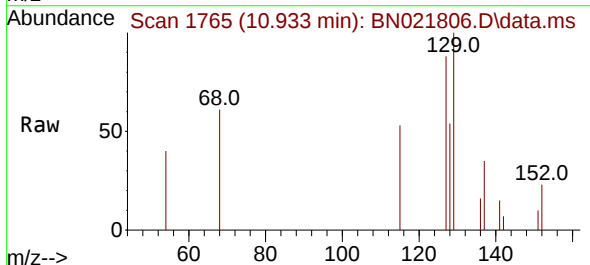
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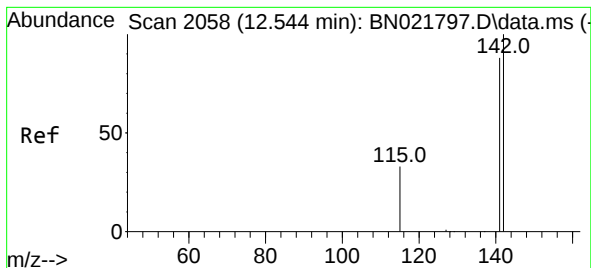
Tgt Ion: 88 Resp: 804036
 Ion Ratio Lower Upper
 88 100
 43 25.9 31.4 47.0#
 58 68.9 49.0 73.6



#5
 Naphthalene
 Concen: 0.023 ng/ul
 RT: 10.933 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: BN021806.D
 Acq: 19 Sep 2022 16:14

Tgt Ion:128 Resp: 1161
 Ion Ratio Lower Upper
 128 100
 129 185.5 9.8 14.6#
 127 162.7 11.6 17.4#

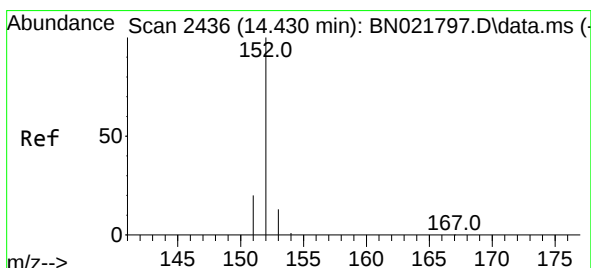
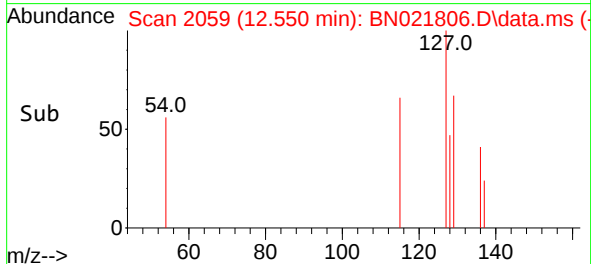
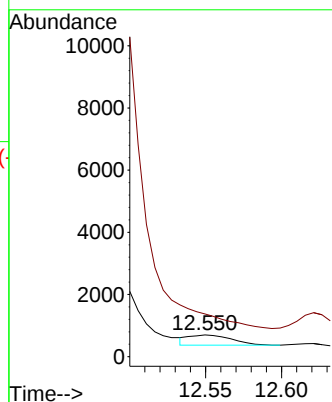
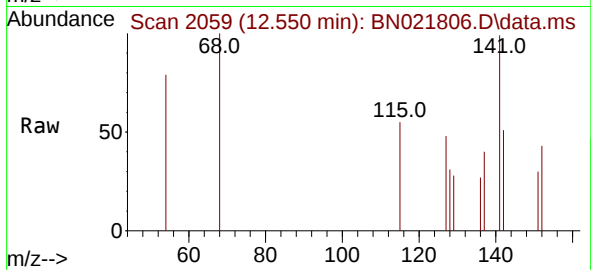




#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.550 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BN021806.D
Acq: 19 Sep 2022 16:14

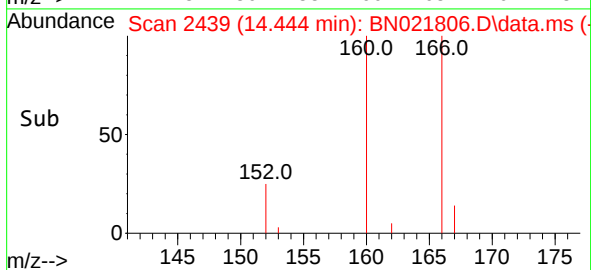
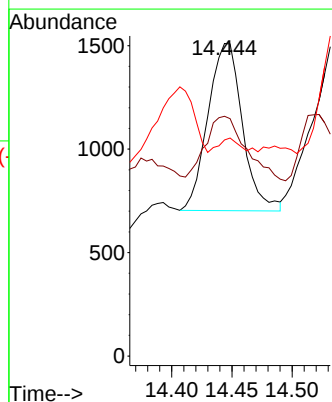
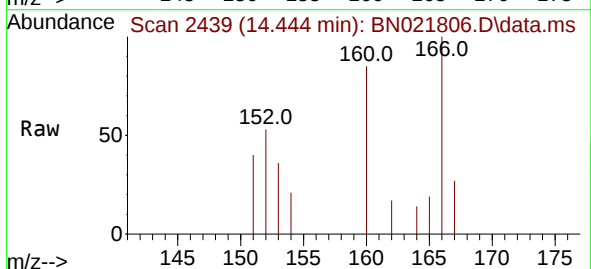
Instrument :
BNA_M
ClientSampleId :

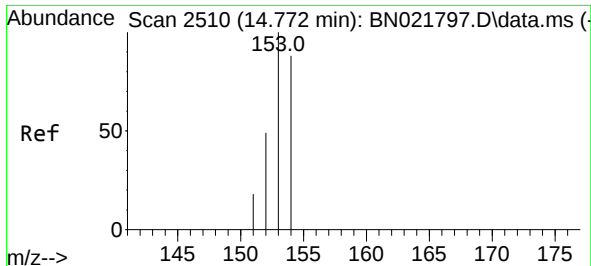
Tgt Ion:142 Resp: 649
Ion Ratio Lower Upper
142 100
141 0.0 72.2 108.2#



#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 14.444 min Scan# 2439
Delta R.T. 0.014 min
Lab File: BN021806.D
Acq: 19 Sep 2022 16:14

Tgt Ion:152 Resp: 1616
Ion Ratio Lower Upper
152 100
151 76.7 16.9 25.3#
153 69.1 11.2 16.8#

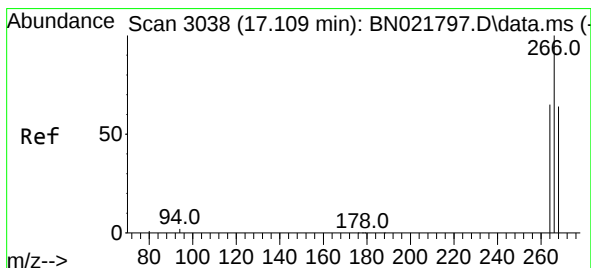
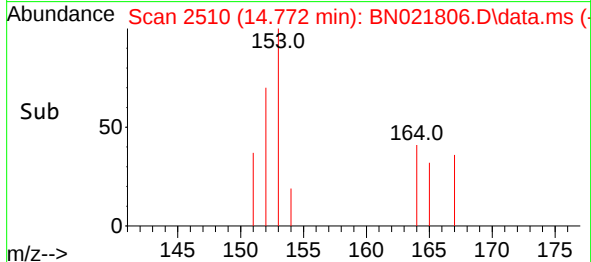
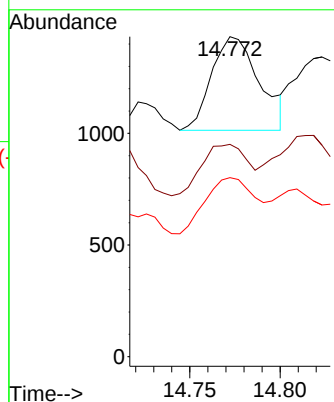
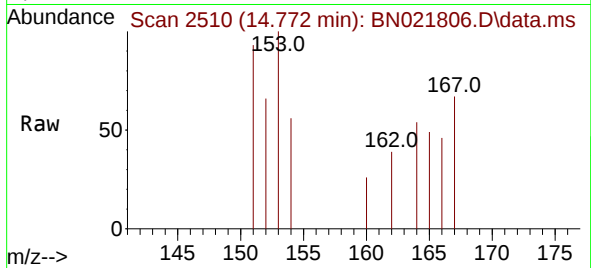




#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.772 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BN021806.D
Acq: 19 Sep 2022 16:14

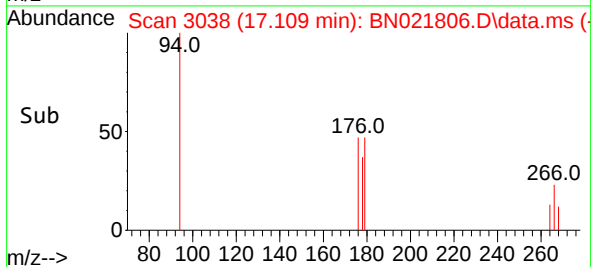
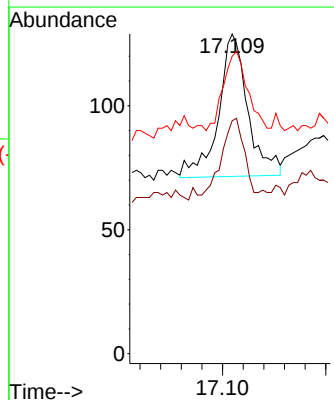
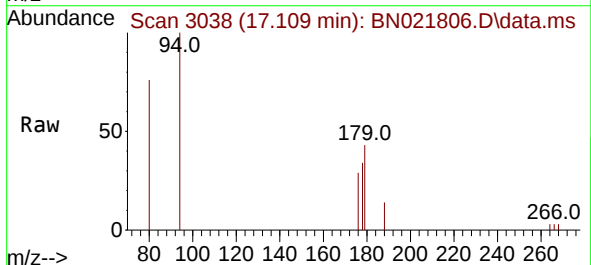
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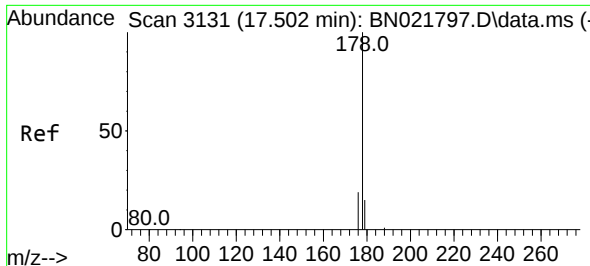
Tgt Ion:153 Resp: 770
Ion Ratio Lower Upper
153 100
152 66.4 40.2 60.4#
154 56.0 70.7 106.1#



#14
Pentachlorophenol
Concen: 0.038 ng/ul
RT: 17.109 min Scan# 3038
Delta R.T. 0.000 min
Lab File: BN021806.D
Acq: 19 Sep 2022 16:14

Tgt Ion:266 Resp: 114
Ion Ratio Lower Upper
266 100
264 40.4 49.8 74.8#
268 50.0 50.6 75.8#

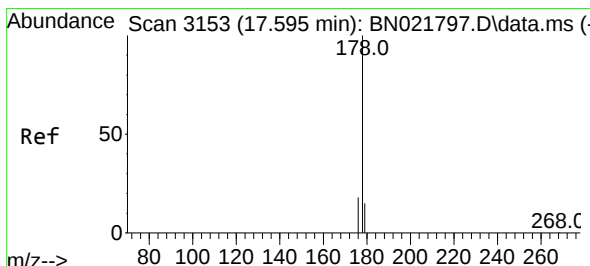
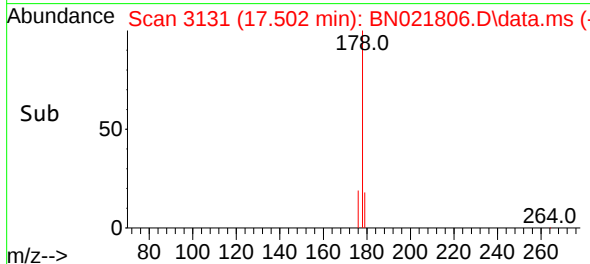
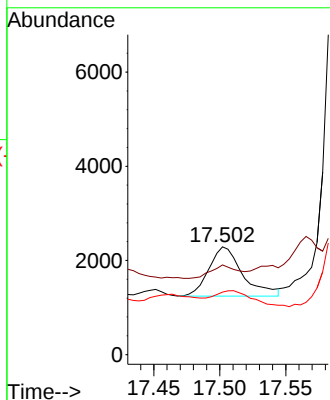
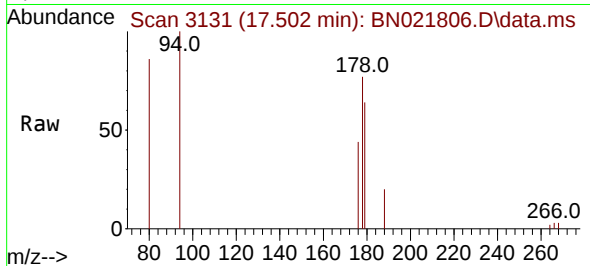




#15
Phenanthrene
Concen: 0.038 ng/u1
RT: 17.502 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BN021806.D
Acq: 19 Sep 2022 16:14

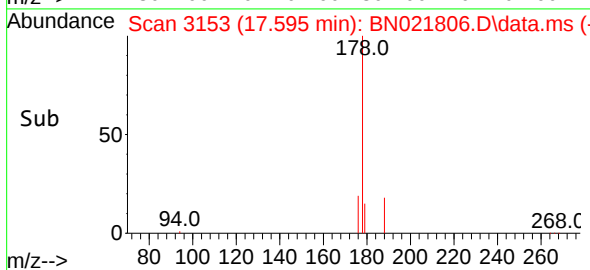
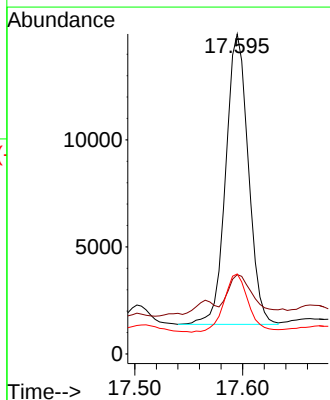
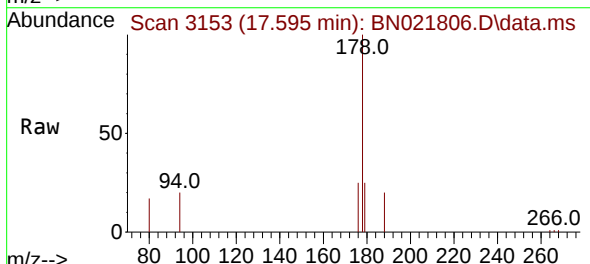
Instrument :
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ClientSampleId :

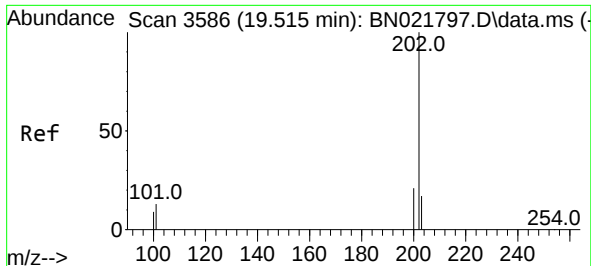
Tgt Ion:178 Resp: 1867
Ion Ratio Lower Upper
178 100
179 83.3 12.8 19.2#
176 58.0 15.9 23.9#



#16
Anthracene
Concen: 0.489 ng/u1
RT: 17.595 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BN021806.D
Acq: 19 Sep 2022 16:14

Tgt Ion:178 Resp: 19699
Ion Ratio Lower Upper
178 100
179 24.8 12.9 19.3#
176 25.0 15.9 23.9#

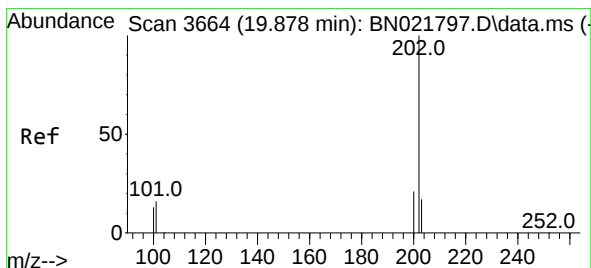
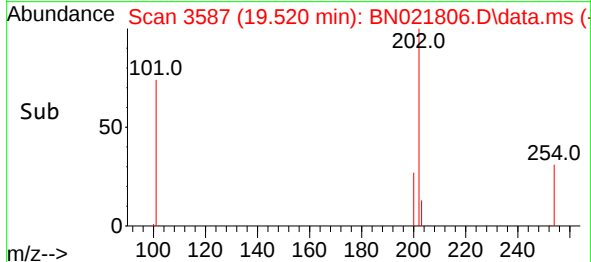
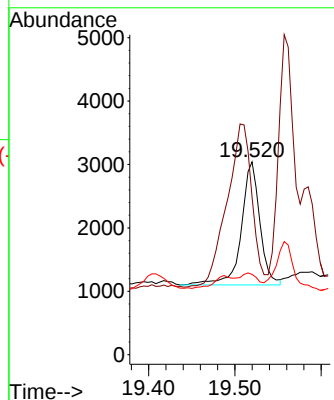
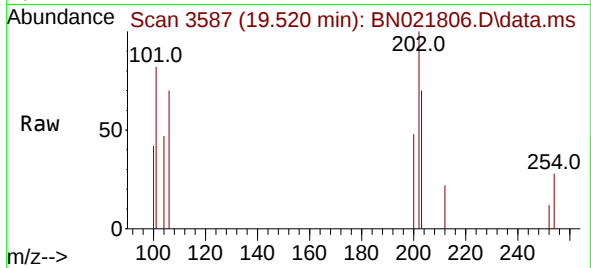




#19
Fluoranthene
Concen: 0.068 ng/ul
RT: 19.520 min Scan# 3586
Delta R.T. 0.005 min
Lab File: BN021806.D
Acq: 19 Sep 2022 16:14

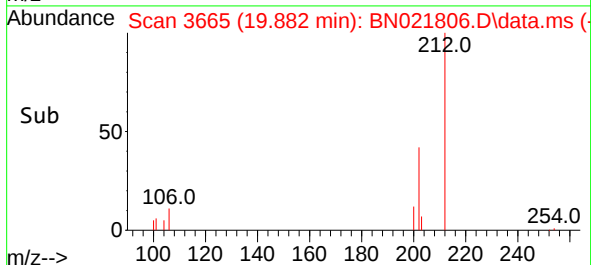
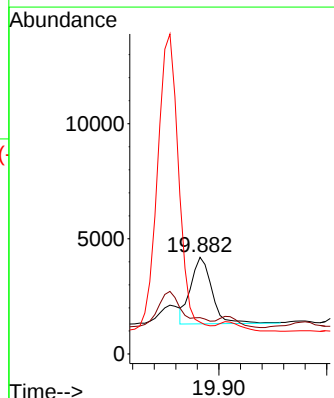
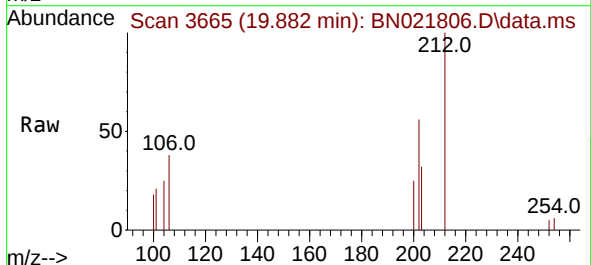
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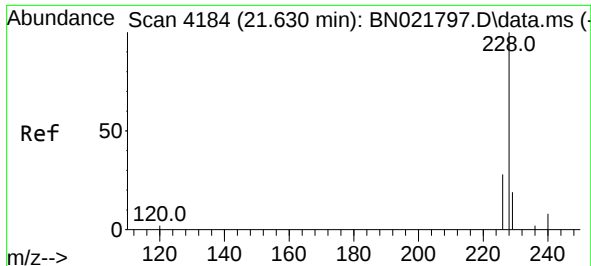
Tgt Ion:202 Resp: 2904
Ion Ratio Lower Upper
202 100
101 81.9 10.0 15.0#
100 41.7 8.0 12.0#



#20
Pyrene
Concen: 0.093 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021806.D
Acq: 19 Sep 2022 16:14

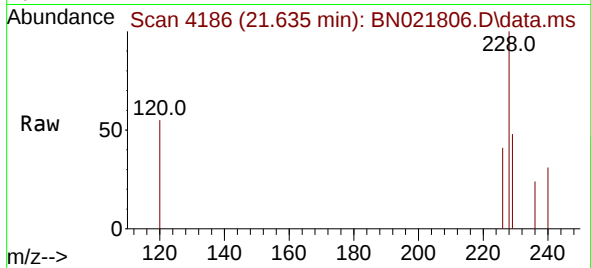
Tgt Ion:202 Resp: 3933
Ion Ratio Lower Upper
202 100
101 37.6 11.3 16.9#
100 32.9 9.0 13.4#



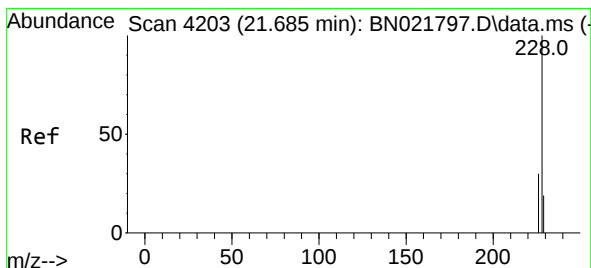
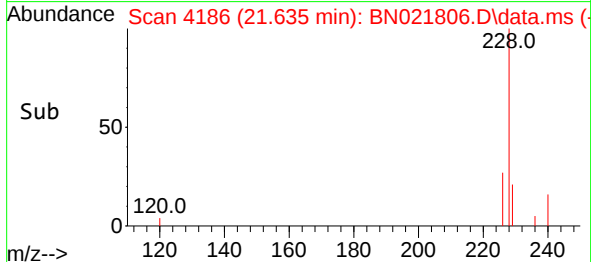
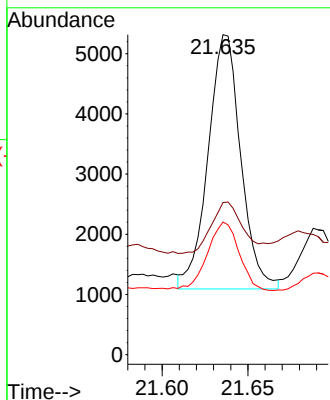


#21
Benzo(a)anthracene
Concen: 0.182 ng/ul
RT: 21.635 min Scan# 4184
Delta R.T. 0.006 min
Lab File: BN021806.D
Acq: 19 Sep 2022 16:14

Instrument :
BNA_M
ClientSampleId :

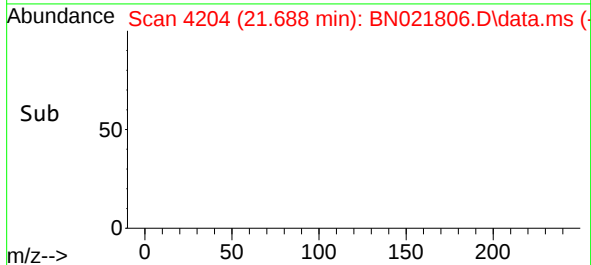
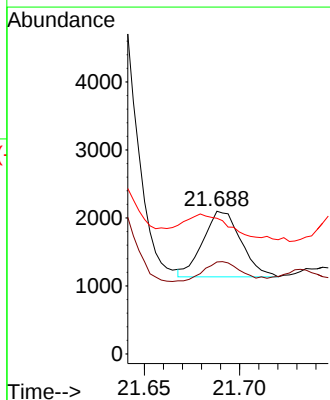
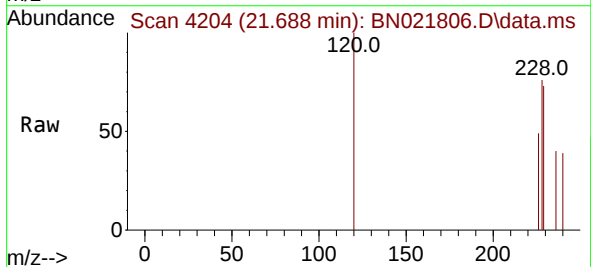


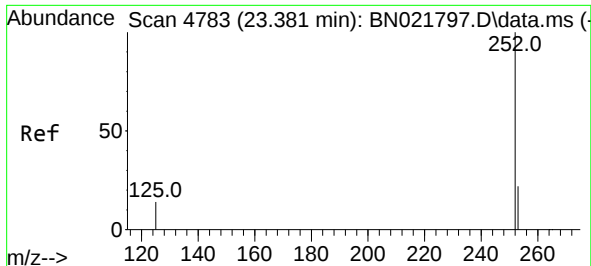
Tgt Ion:228 Resp: 5597
Ion Ratio Lower Upper
228 100
229 47.5 16.0 24.0#
226 41.5 21.9 32.9#



#22
Chrysene
Concen: 0.040 ng/ul
RT: 21.688 min Scan# 4204
Delta R.T. 0.003 min
Lab File: BN021806.D
Acq: 19 Sep 2022 16:14

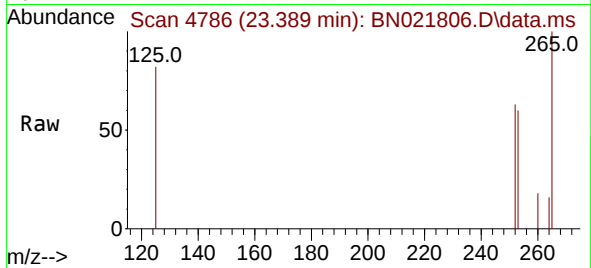
Tgt Ion:228 Resp: 1341
Ion Ratio Lower Upper
228 100
226 64.4 24.6 37.0#
229 95.1 15.8 23.8#



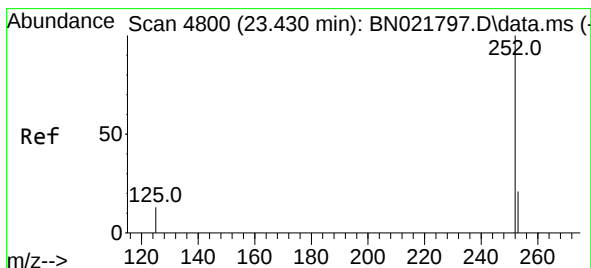
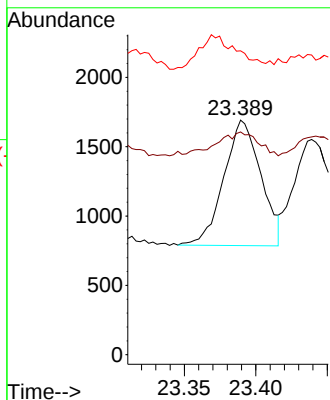


#24
Benzo(b)fluoranthene
Concen: 0.037 ng/ul
RT: 23.389 min Scan# 4783
Delta R.T. 0.009 min
Lab File: BN021806.D
Acq: 19 Sep 2022 16:14

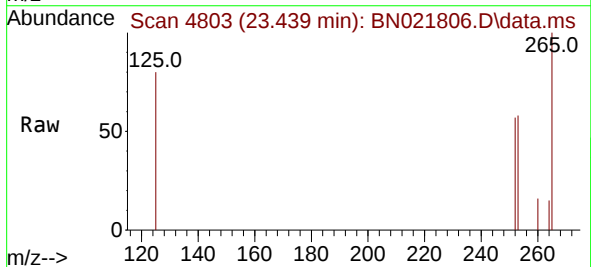
Instrument :
BNA_M
ClientSampleId :



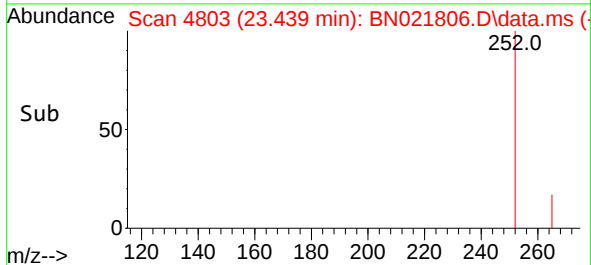
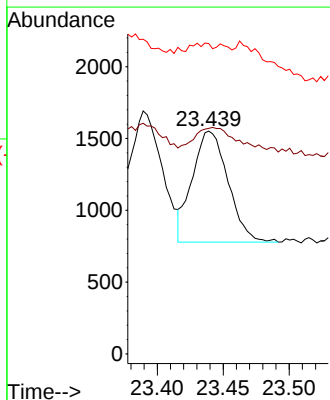
Tgt Ion:252 Resp: 1633
Ion Ratio Lower Upper
252 100
253 94.9 0.0 50.8#
125 129.5 0.0 30.0#

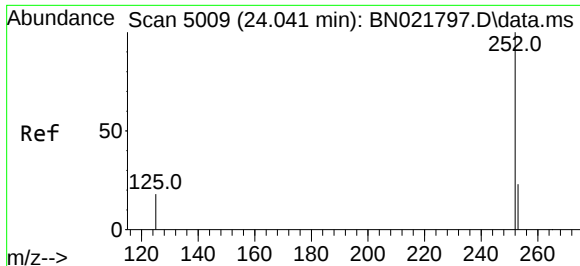


#25
Benzo(k)fluoranthene
Concen: 0.034 ng/ul
RT: 23.439 min Scan# 4803
Delta R.T. 0.009 min
Lab File: BN021806.D
Acq: 19 Sep 2022 16:14



Tgt Ion:252 Resp: 1454
Ion Ratio Lower Upper
252 100
253 101.2 20.6 31.0#
125 139.2 11.8 17.6#

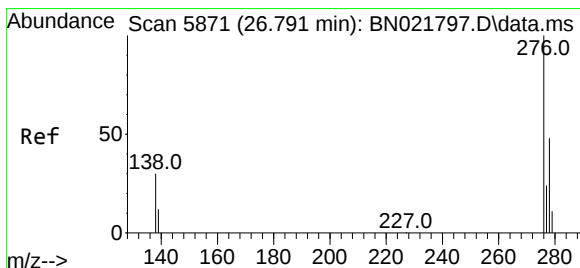
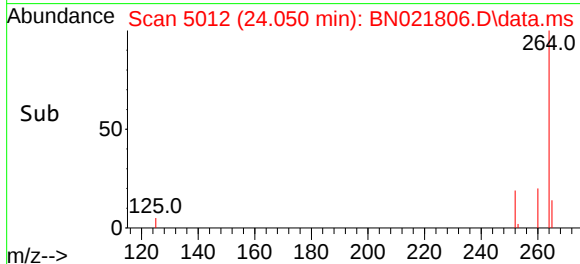
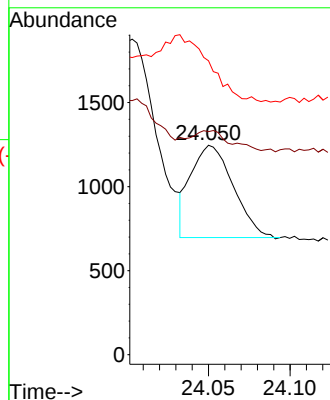
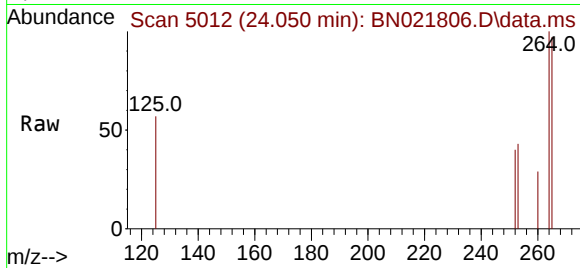




#26
Benzo(a)pyrene
Concen: 0.030 ng/ul
RT: 24.050 min Scan# 5009
Delta R.T. 0.009 min
Lab File: BN021806.D
Acq: 19 Sep 2022 16:14

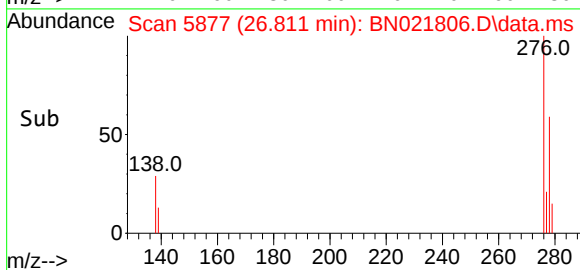
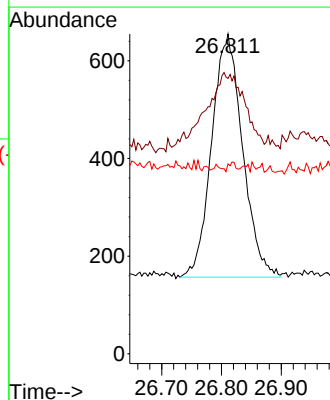
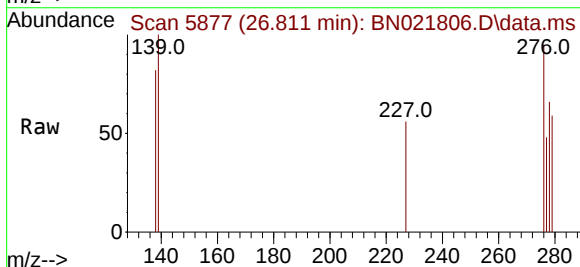
Instrument :
BNA_M
ClientSampleId :

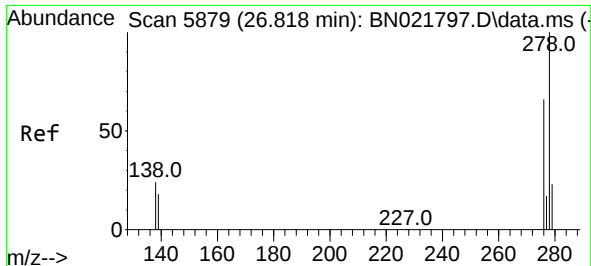
Tgt Ion:252 Resp: 990
Ion Ratio Lower Upper
252 100
253 106.5 22.1 33.1#
125 140.4 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.047 ng/ul
RT: 26.811 min Scan# 5877
Delta R.T. 0.020 min
Lab File: BN021806.D
Acq: 19 Sep 2022 16:14

Tgt Ion:276 Resp: 1786
Ion Ratio Lower Upper
276 100
138 36.1 26.1 39.1
227 0.9 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.045 ng/ul

RT: 26.831 min Scan# 5883

Delta R.T. 0.013 min

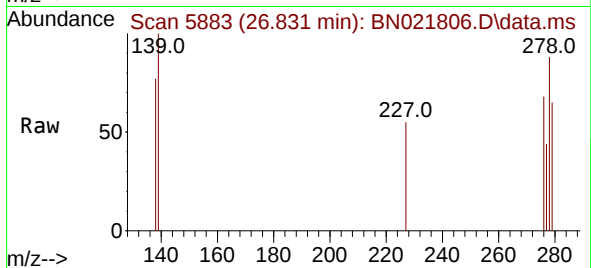
Lab File: BN021806.D

Acq: 19 Sep 2022 16:14

Instrument :

BNA_M

ClientSampleId :



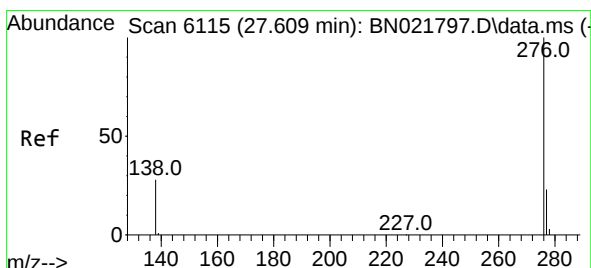
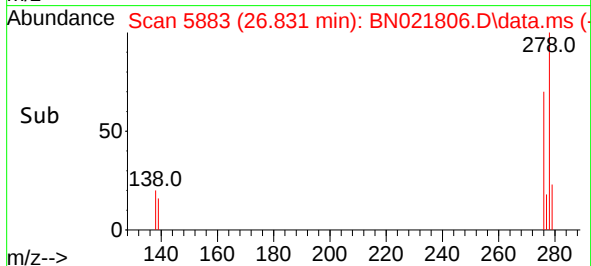
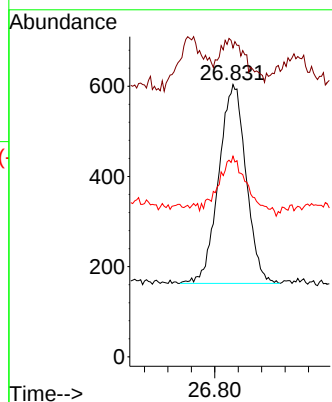
Tgt Ion:278 Resp: 1425

Ion Ratio Lower Upper

278 100

139 113.4 18.3 27.5#

279 73.7 23.9 35.9#



#29

Benzo(g,h,i)perylene

Concen: 0.046 ng/ul

RT: 27.626 min Scan# 6120

Delta R.T. 0.017 min

Lab File: BN021806.D

Acq: 19 Sep 2022 16:14

Tgt Ion:276 Resp: 1613

Ion Ratio Lower Upper

276 100

138 85.6 22.6 34.0#

277 51.5 20.2 30.2#

