

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091922\
 Data File : BN021810.D
 Acq On : 19 Sep 2022 18:47
 Operator : CG/JU
 Sample : PB147715BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS715

Quant Time: Sep 20 00:26:13 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)

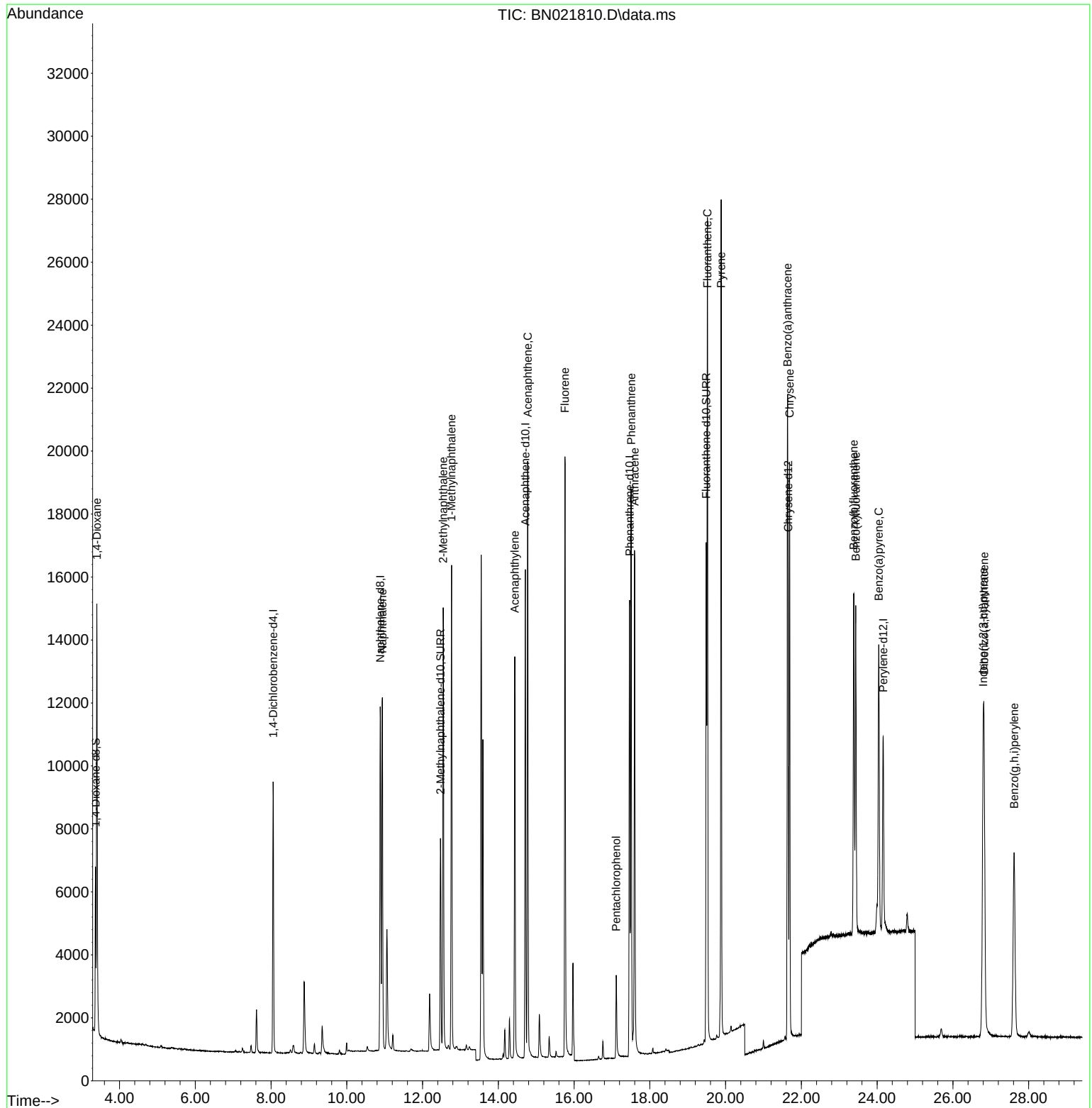
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4501	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	15360	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.712	164	8985	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	17892	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	11077	0.400	ng/ul	# 0.00
23) Perylene-d12	24.158	264	9284	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	3540	0.639	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.472	152	9163	0.377	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	17863	0.434	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.401	88	9836	1.732	ng/ul#	87
5) Naphthalene	10.938	128	15725	0.363	ng/ul	98
7) 2-Methylnaphthalene	12.544	142	10448	0.371	ng/ul	98
8) 1-Methylnaphthalene	12.764	142	10826	0.375	ng/ul	100
10) Acenaphthylene	14.434	152	15421	0.409	ng/ul	98
11) Acenaphthene	14.772	153	11388	0.356	ng/ul	99
12) Fluorene	15.758	166	13065	0.364	ng/ul	99
14) Pentachlorophenol	17.113	266	2108	0.608	ng/ul	99
15) Phenanthrene	17.506	178	20716	0.367	ng/ul	99
16) Anthracene	17.595	178	18913	0.404	ng/ul	99
19) Fluoranthene	19.520	202	22046	0.426	ng/ul	99
20) Pyrene	19.882	202	21894	0.429	ng/ul	96
21) Benzo(a)anthracene	21.632	228	16443	0.443	ng/ul	99
22) Chrysene	21.688	228	16404	0.405	ng/ul	99
24) Benzo(b)fluoranthene	23.380	252	15169	0.337	ng/ul	89
25) Benzo(k)fluoranthene	23.433	252	14356	0.329	ng/ul#	90
26) Benzo(a)pyrene	24.041	252	14505	0.425	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.797	276	15999	0.417	ng/ul	97
28) Dibenzo(a,h)anthracene	26.821	278	12999	0.399	ng/ul#	92
29) Benzo(g,h,i)perylene	27.616	276	13612	0.385	ng/ul	93

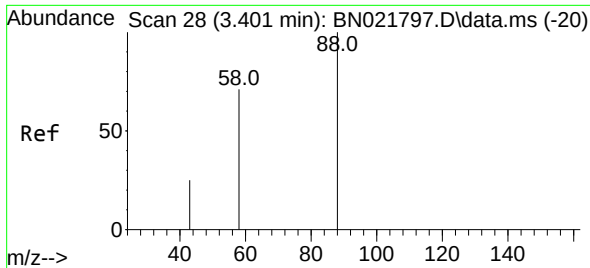
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

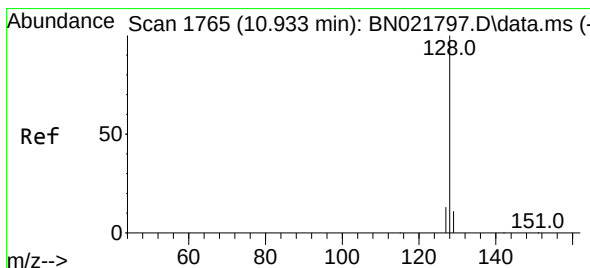
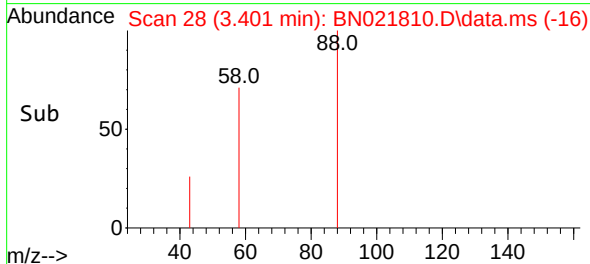
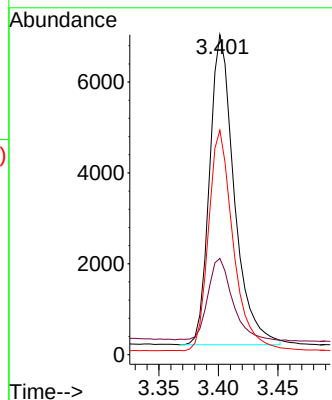
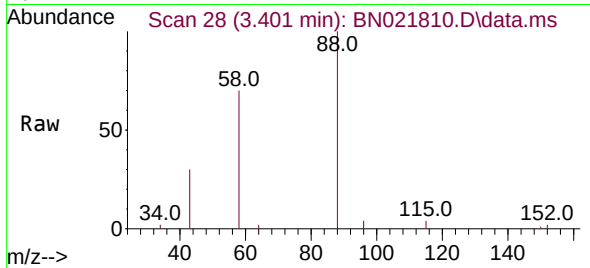




#2
1,4-Dioxane
Concen: 1.732 ng/ul
RT: 3.401 min Scan# 28
Delta R.T. -0.000 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

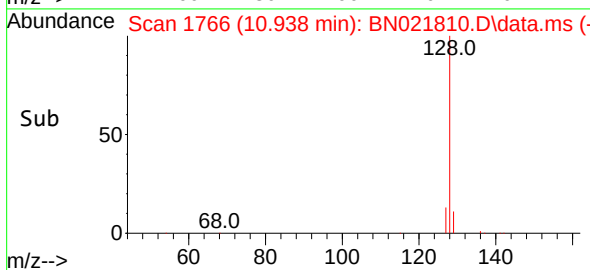
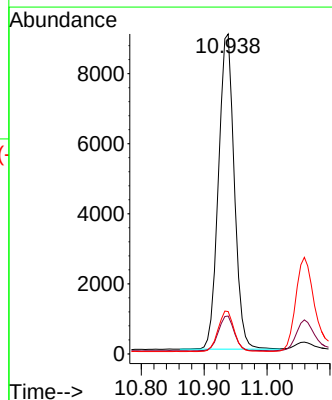
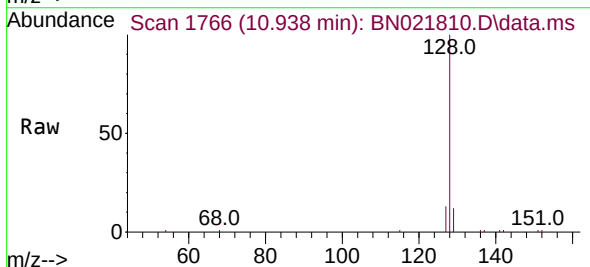
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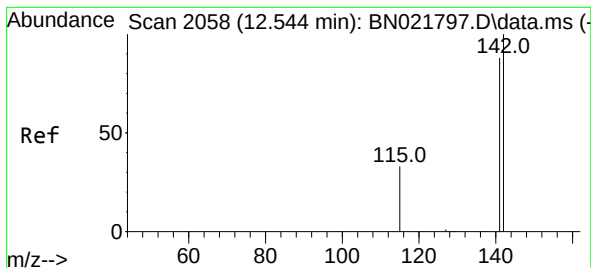
Tgt Ion: 88 Resp: 9836
Ion Ratio Lower Upper
88 100
43 30.1 31.4 47.0#
58 70.1 49.0 73.6



#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.938 min Scan# 1766
Delta R.T. 0.005 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:128 Resp: 15725
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.6
127 13.2 11.6 17.4

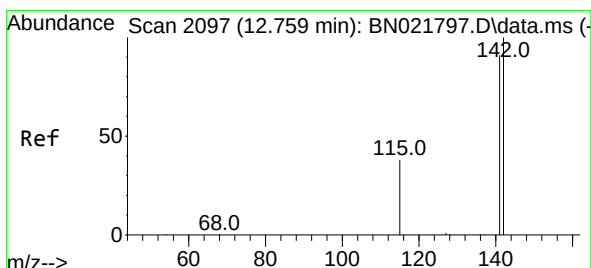
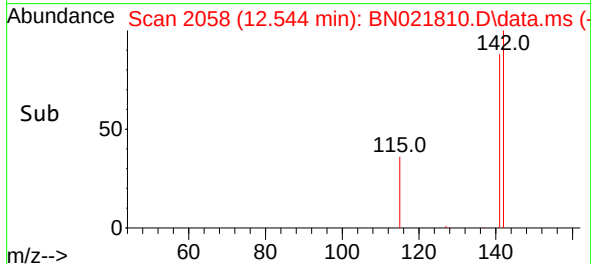
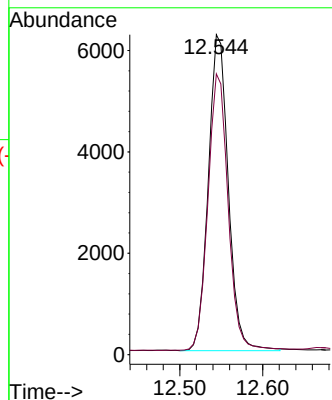
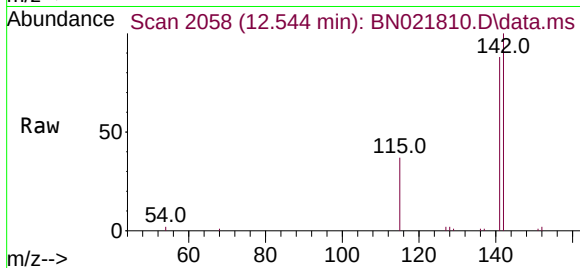




#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.544 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

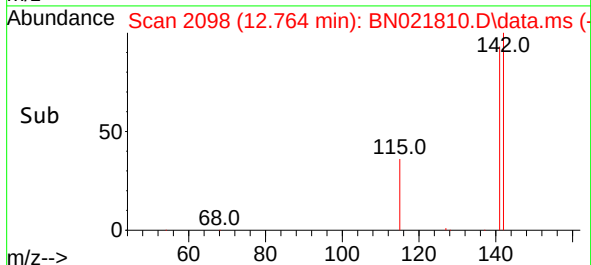
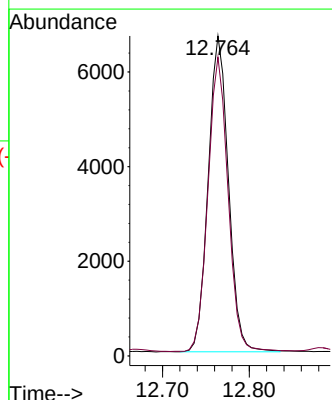
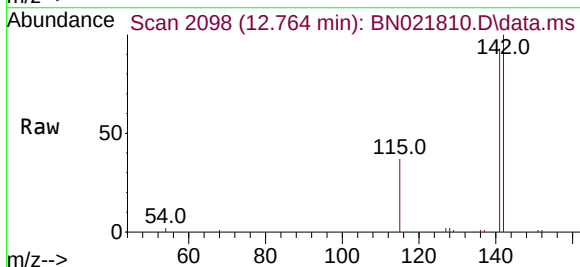
Instrument :
BNA_N
ClientSampleId :
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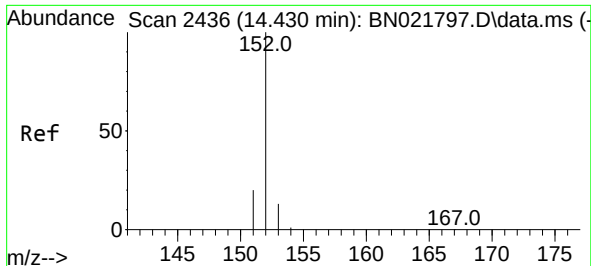
Tgt Ion:142 Resp: 10448
Ion Ratio Lower Upper
142 100
141 88.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.764 min Scan# 2098
Delta R.T. 0.005 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:142 Resp: 10826
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9

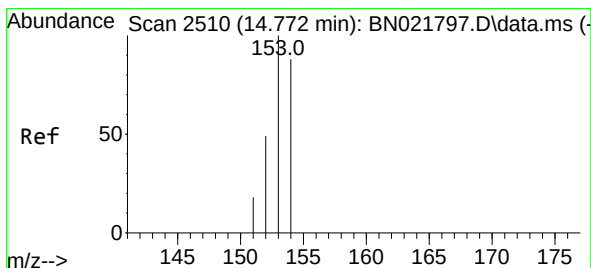
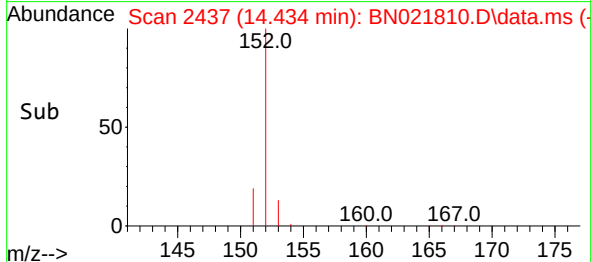
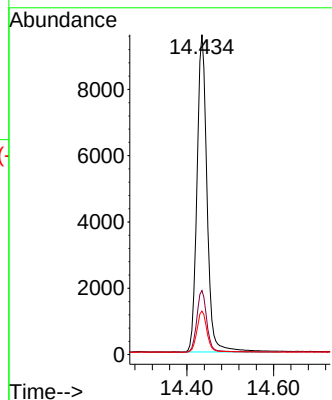
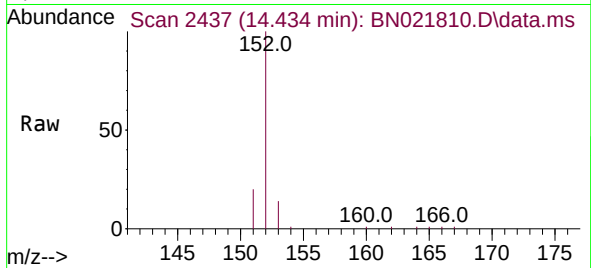




#10
Acenaphthylene
Concen: 0.409 ng/ul
RT: 14.434 min Scan# 2436
Delta R.T. 0.005 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

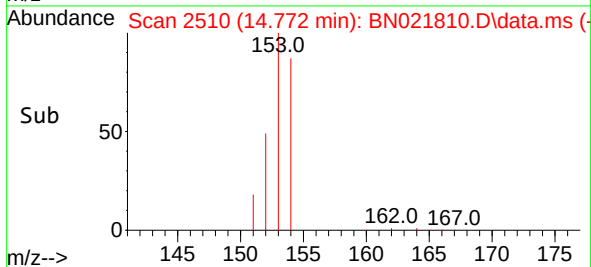
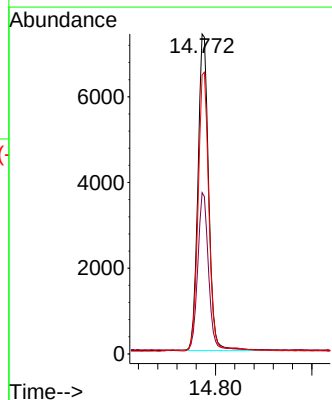
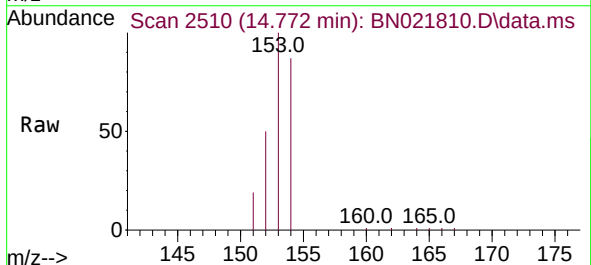
Instrument :
BNA_N
ClientSampleId :
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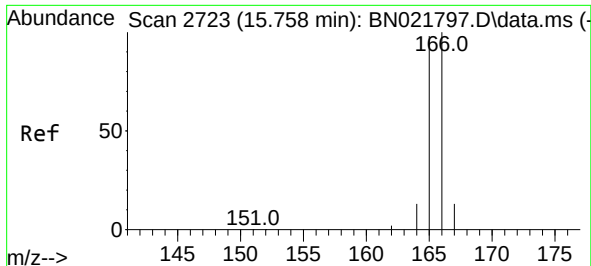
Tgt Ion:152 Resp: 15421
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 13.6 11.2 16.8



#11
Acenaphthene
Concen: 0.356 ng/ul
RT: 14.772 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:153 Resp: 11388
Ion Ratio Lower Upper
153 100
152 50.4 40.2 60.4
154 87.2 70.7 106.1

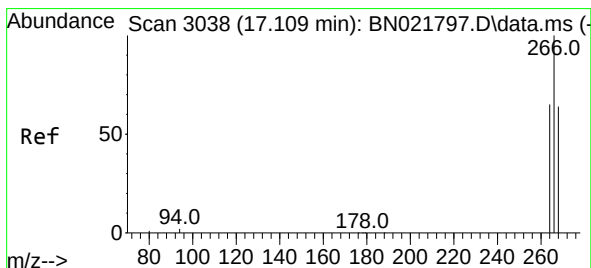
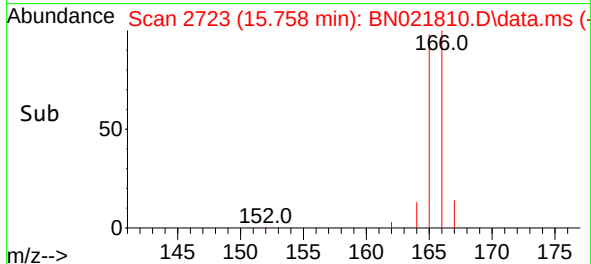
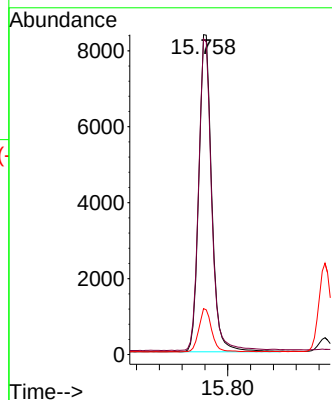
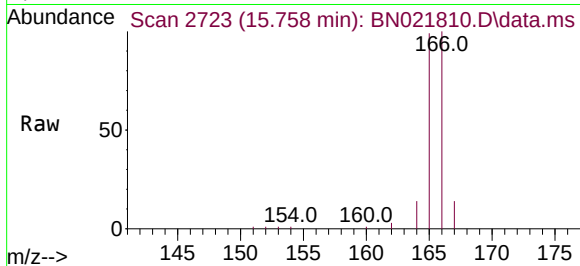




#12
 Fluorene
 Concen: 0.364 ng/ul
 RT: 15.758 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN021810.D
 Acq: 19 Sep 2022 18:47

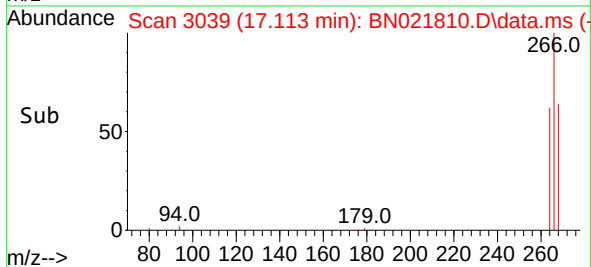
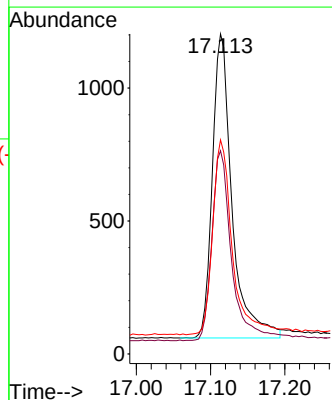
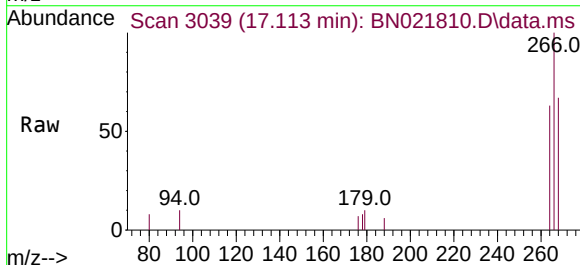
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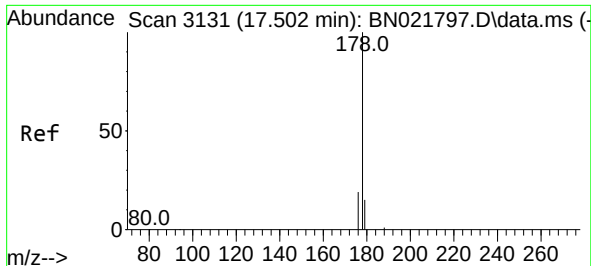
Tgt Ion:	166	Resp:	13065
Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	14.4	11.8	17.6



#14
 Pentachlorophenol
 Concen: 0.608 ng/ul
 RT: 17.113 min Scan# 3039
 Delta R.T. 0.004 min
 Lab File: BN021810.D
 Acq: 19 Sep 2022 18:47

Tgt Ion:	266	Resp:	2108
Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.8	74.8
268	64.5	50.6	75.8

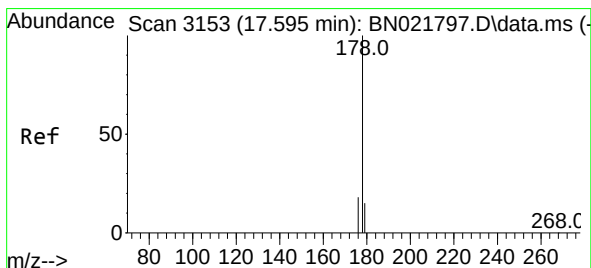
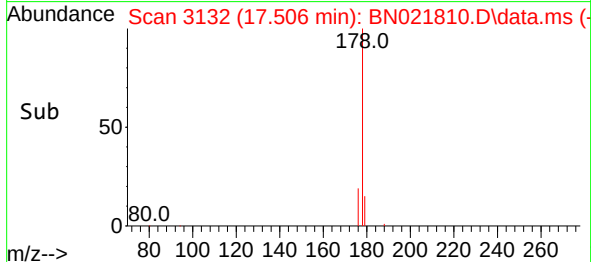
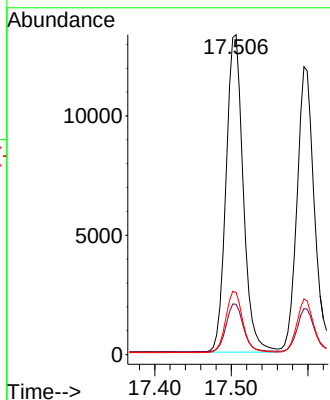
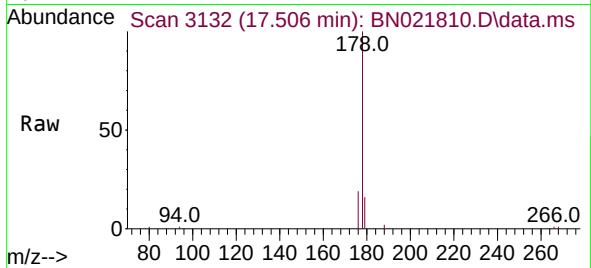




#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 17.506 min Scan# 3131
Delta R.T. 0.004 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

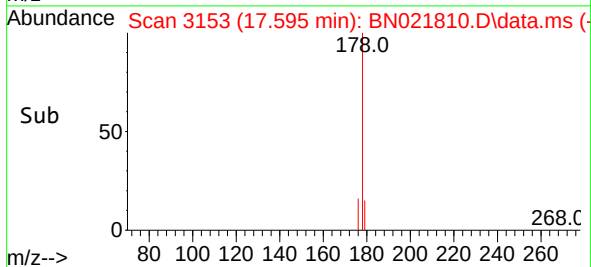
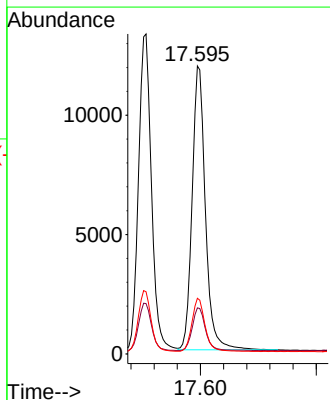
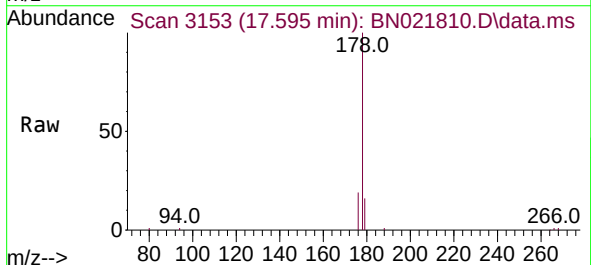
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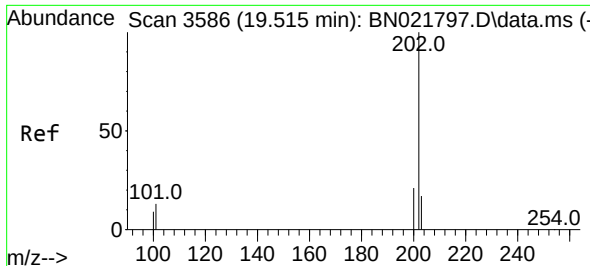
Tgt Ion:178 Resp: 20716
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.4 15.9 23.9



#16
Anthracene
Concen: 0.404 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:178 Resp: 18913
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.3 15.9 23.9

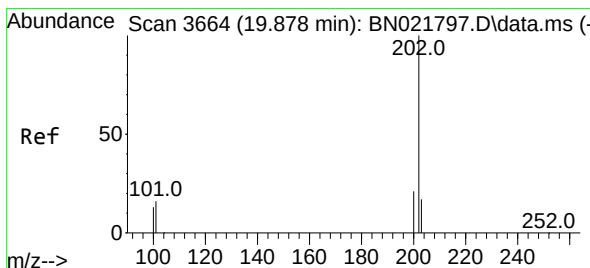
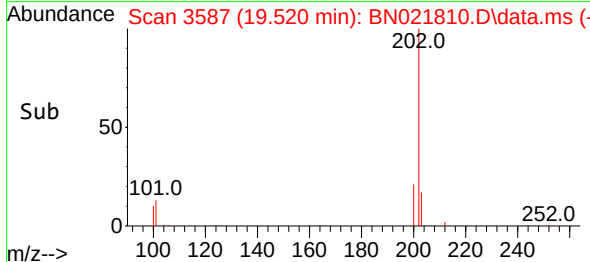
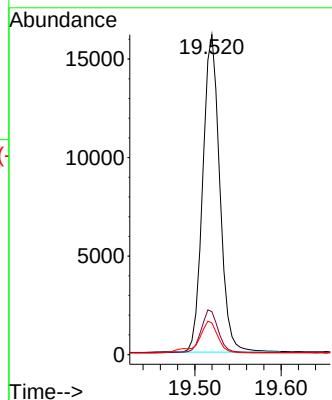
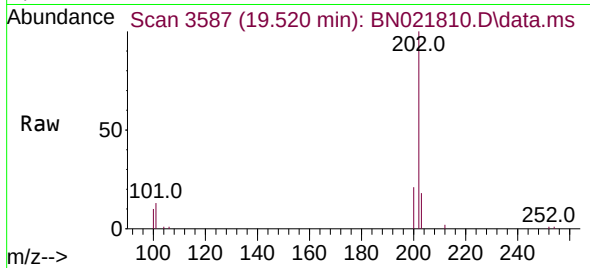




#19
Fluoranthene
Concen: 0.426 ng/ul
RT: 19.520 min Scan# 3586
Delta R.T. 0.005 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

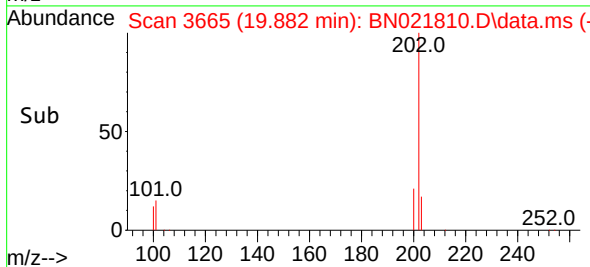
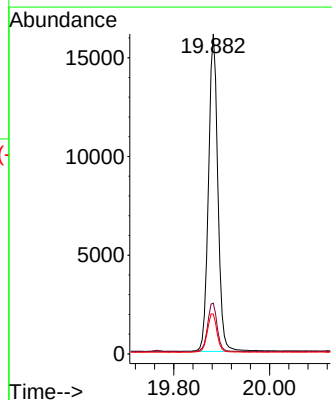
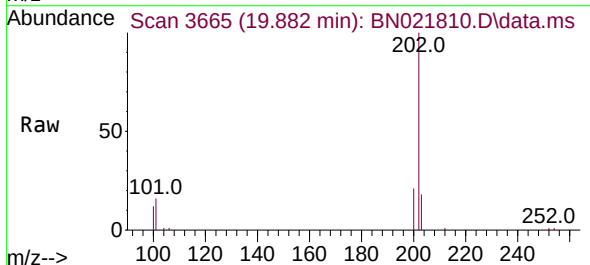
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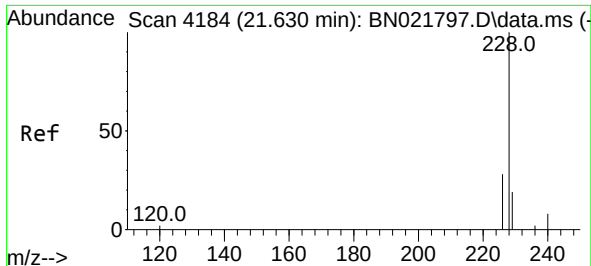
Tgt Ion:202 Resp: 22046
Ion Ratio Lower Upper
202 100
101 13.4 10.0 15.0
100 9.9 8.0 12.0



#20
Pyrene
Concen: 0.429 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:202 Resp: 21894
Ion Ratio Lower Upper
202 100
101 15.8 11.3 16.9
100 12.4 9.0 13.4

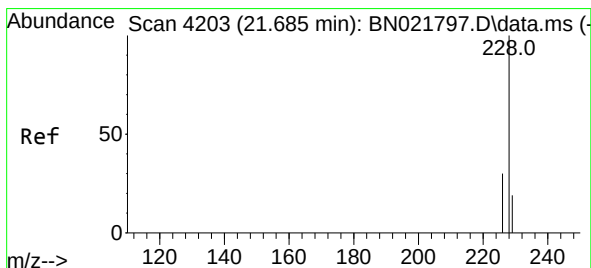
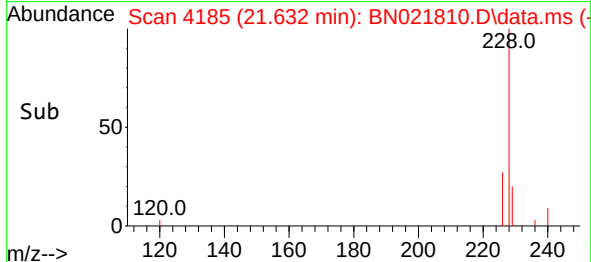
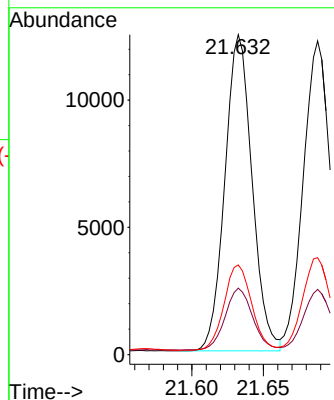
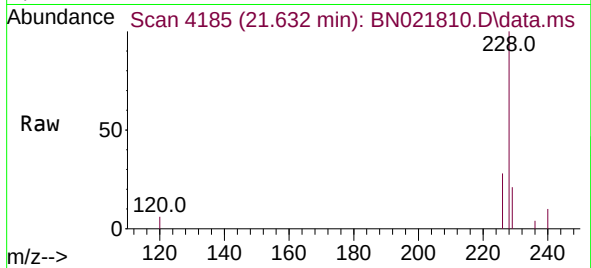




#21
Benzo(a)anthracene
Concen: 0.443 ng/ul
RT: 21.632 min Scan# 4184
Delta R.T. 0.003 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

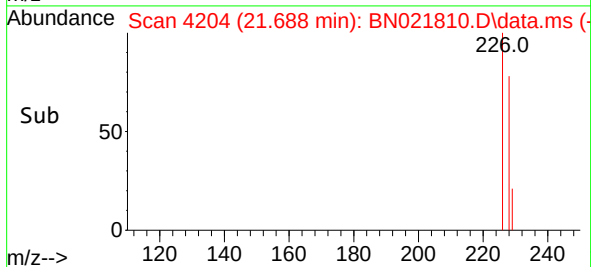
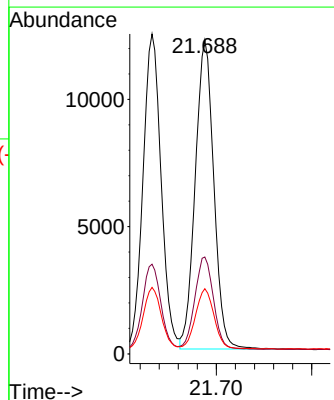
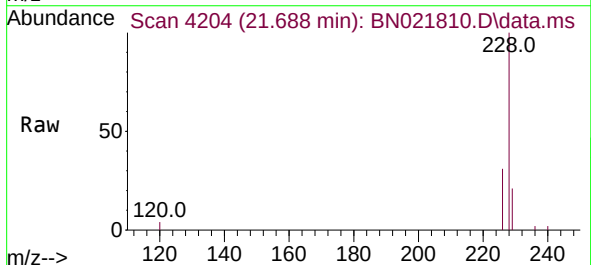
Instrument :
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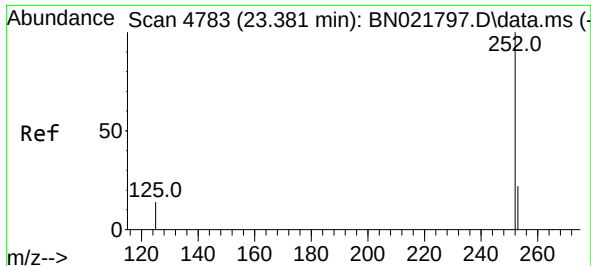
Tgt Ion:228 Resp: 16443
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.0 21.9 32.9



#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.688 min Scan# 4204
Delta R.T. 0.003 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

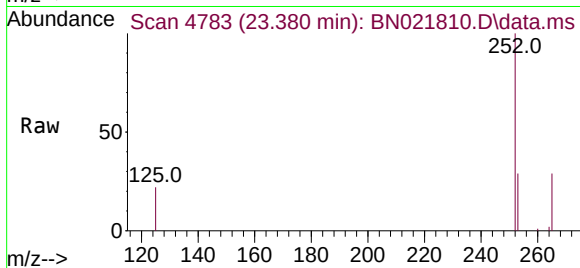
Tgt Ion:228 Resp: 16404
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 20.8 15.8 23.8



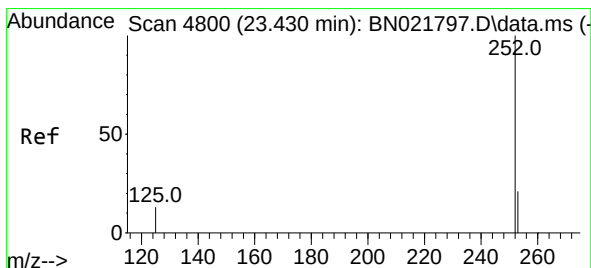
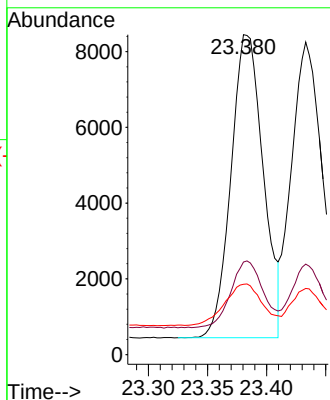
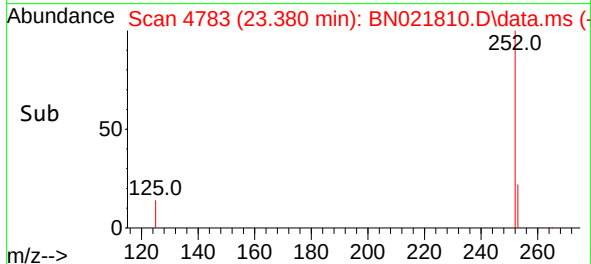


#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.380 min Scan# 4783
Delta R.T. -0.000 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Instrument :
BNA_N
ClientSampleId :
SLCS715

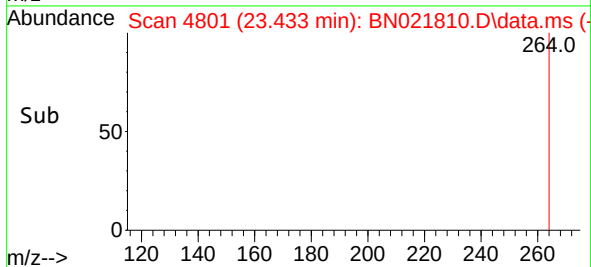
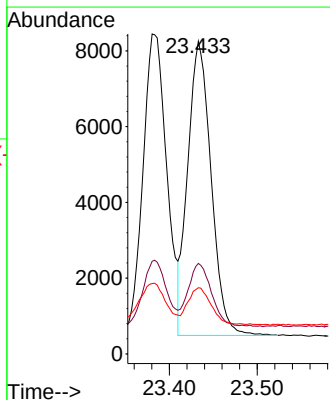
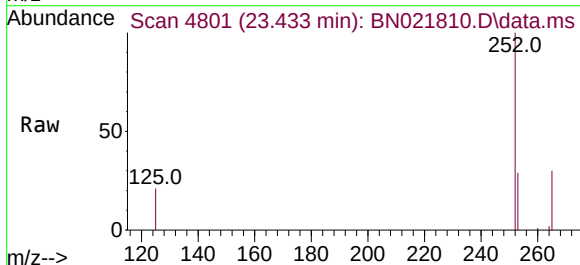


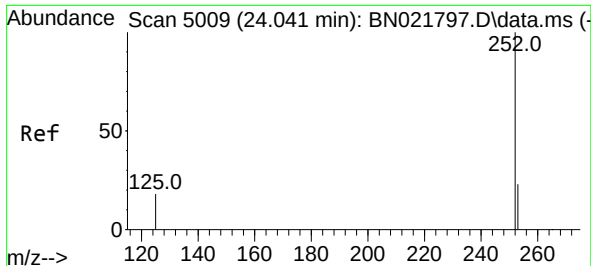
Tgt Ion:252 Resp: 15169
Ion Ratio Lower Upper
252 100
253 28.9 0.0 50.8
125 22.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.329 ng/ul
RT: 23.433 min Scan# 4801
Delta R.T. 0.003 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:252 Resp: 14356
Ion Ratio Lower Upper
252 100
253 28.9 20.6 31.0
125 21.2 11.8 17.6#

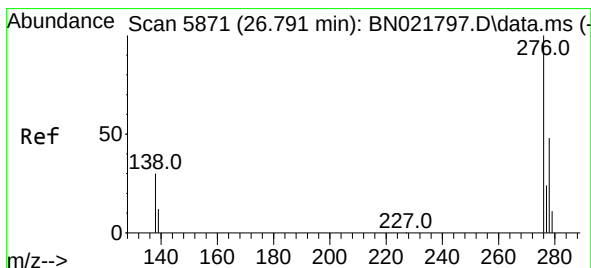
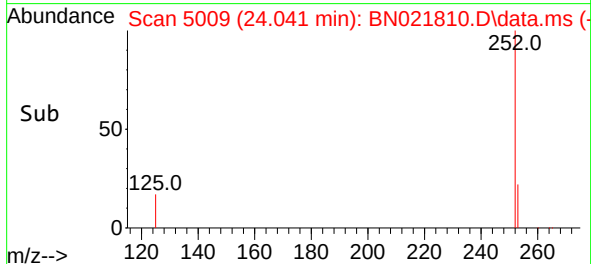
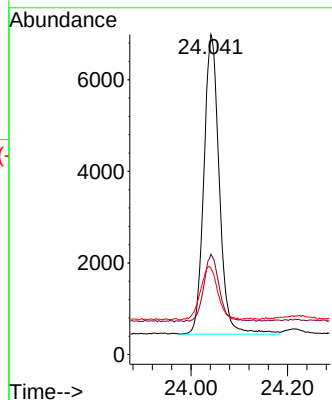
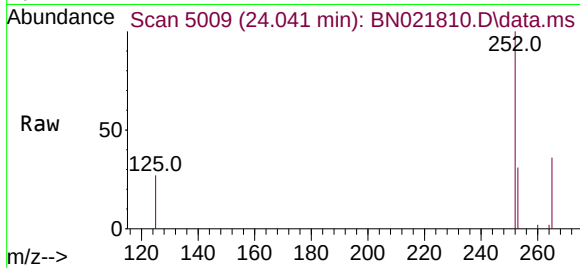




#26
Benzo(a)pyrene
Concen: 0.425 ng/ul
RT: 24.041 min Scan# 5009
Delta R.T. -0.000 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

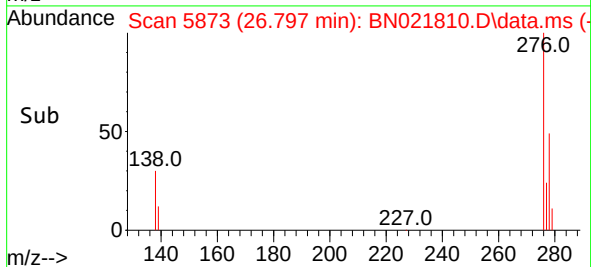
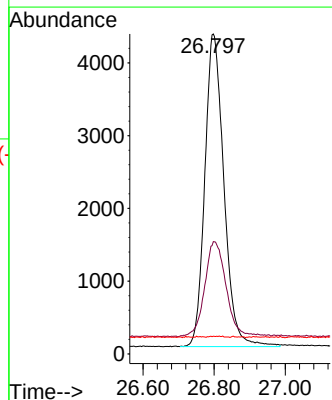
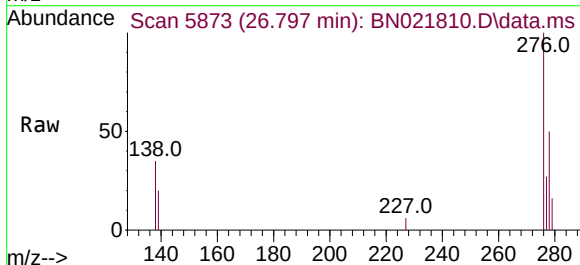
Instrument :
BNA_N
ClientSampleId :
SLCS715

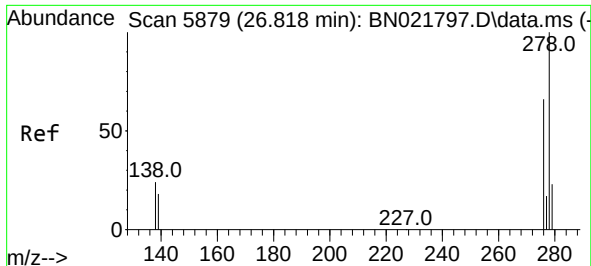
Tgt Ion:252 Resp: 14505
Ion Ratio Lower Upper
252 100
253 31.3 22.1 33.1
125 27.0 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng/ul
RT: 26.797 min Scan# 5873
Delta R.T. 0.007 min
Lab File: BN021810.D
Acq: 19 Sep 2022 18:47

Tgt Ion:276 Resp: 15999
Ion Ratio Lower Upper
276 100
138 34.4 26.1 39.1
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.399 ng/ul

RT: 26.821 min Scan# 5879

Delta R.T. 0.003 min

Lab File: BN021810.D

Acq: 19 Sep 2022 18:47

Instrument :

BNA_N

ClientSampleId :

SLCS715

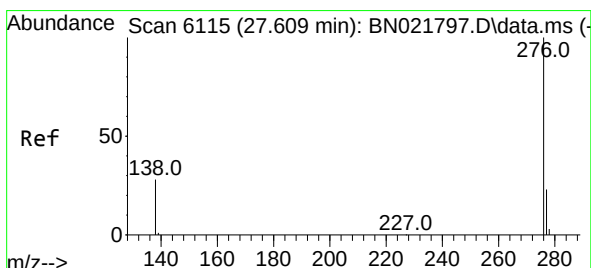
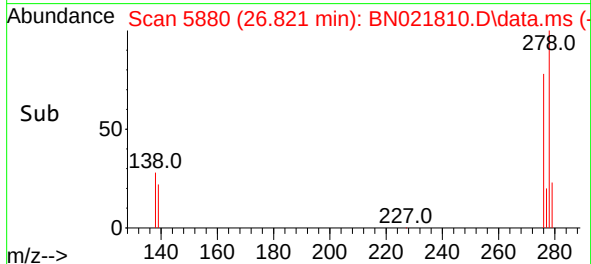
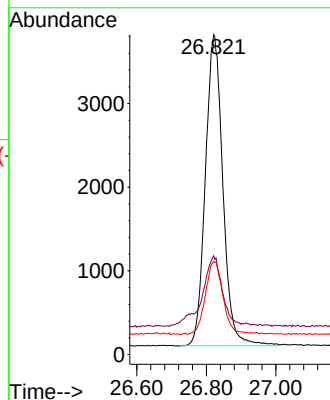
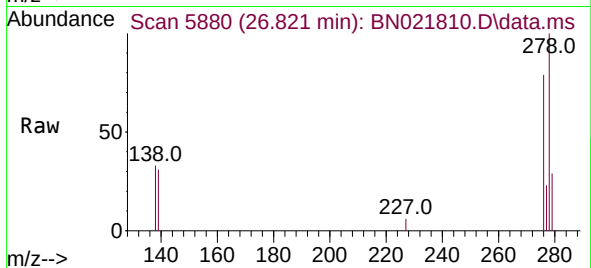
Tgt Ion:278 Resp: 12999

Ion Ratio Lower Upper

278 100

139 30.9 18.3 27.5#

279 29.1 23.9 35.9



#29

Benzo(g,h,i)perylene

Concen: 0.385 ng/ul

RT: 27.616 min Scan# 6117

Delta R.T. 0.007 min

Lab File: BN021810.D

Acq: 19 Sep 2022 18:47

Tgt Ion:276 Resp: 13612

Ion Ratio Lower Upper

276 100

138 33.7 22.6 34.0

277 26.5 20.2 30.2

