

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
 Data File : BN021869.D
 Acq On : 22 Sep 2022 17:57
 Operator : CG/JU
 Sample : PB147812BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS812

Quant Time: Sep 23 02:10:46 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)

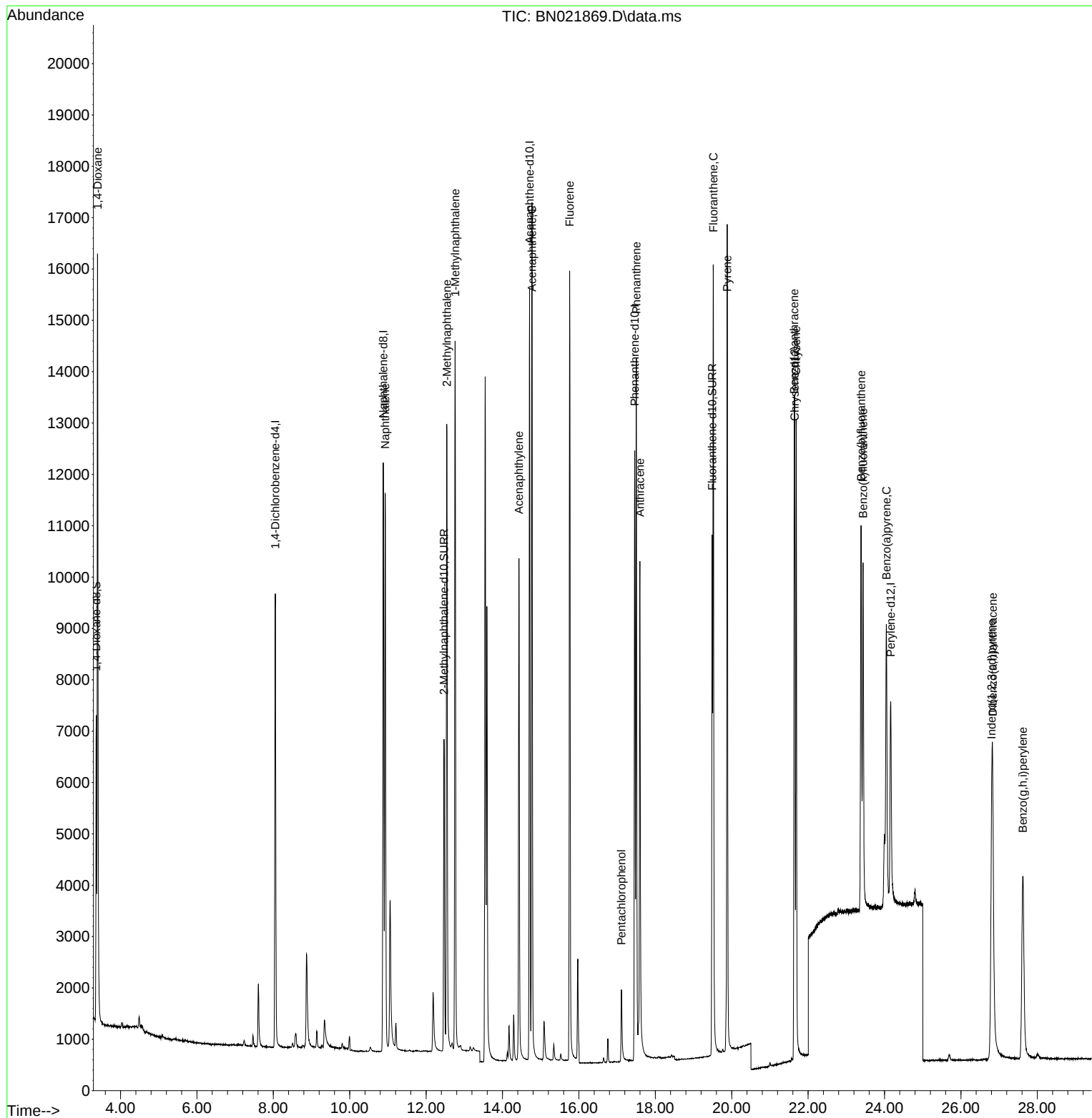
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	4932	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	16254	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.707	164	8574	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	14700	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.650	240	8433	0.400	ng/ul	# 0.00
23) Perylene-d12	24.161	264	6257	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	3875	0.639	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	8540	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	11343	0.362	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.397	88	10711	1.721	ng/ul#	86
5) Naphthalene	10.927	128	15422	0.336	ng/ul	98
7) 2-Methylnaphthalene	12.544	142	9803	0.329	ng/ul	98
8) 1-Methylnaphthalene	12.758	142	10156	0.332	ng/ul	99
10) Acenaphthylene	14.430	152	12281	0.341	ng/ul	99
11) Acenaphthene	14.772	153	10177	0.334	ng/ul	99
12) Fluorene	15.758	166	10933	0.319	ng/ul	100
14) Pentachlorophenol	17.113	266	1231	0.432	ng/ul	99
15) Phenanthrene	17.502	178	15502	0.334	ng/ul	100
16) Anthracene	17.595	178	12403	0.322	ng/ul	99
19) Fluoranthene	19.520	202	14241	0.362	ng/ul	99
20) Pyrene	19.882	202	14036	0.361	ng/ul	96
21) Benzo(a)anthracene	21.635	228	10229	0.362	ng/ul	98
22) Chrysene	21.688	228	11535	0.374	ng/ul	99
24) Benzo(b)fluoranthene	23.386	252	10899	0.359	ng/ul	89
25) Benzo(k)fluoranthene	23.436	252	9979	0.339	ng/ul#	90
26) Benzo(a)pyrene	24.047	252	9490	0.413	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.804	276	10511	0.406	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.831	278	8349	0.380	ng/ul	97
29) Benzo(g,h,i)perylene	27.622	276	9509	0.399	ng/ul	96

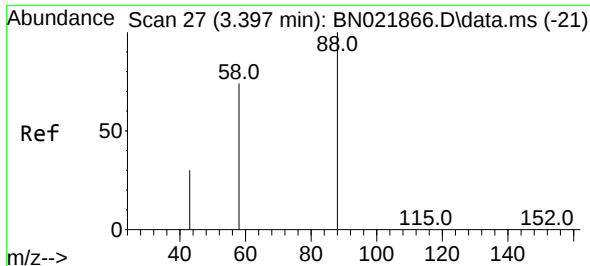
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 23 02:10:46 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

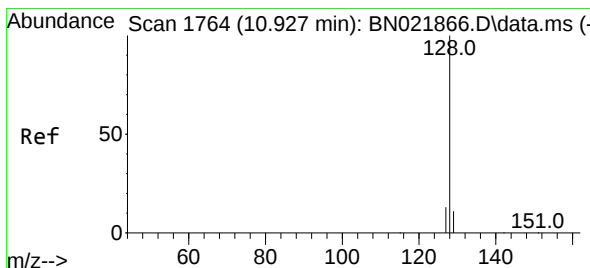
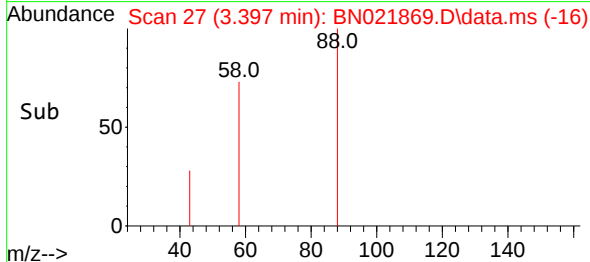
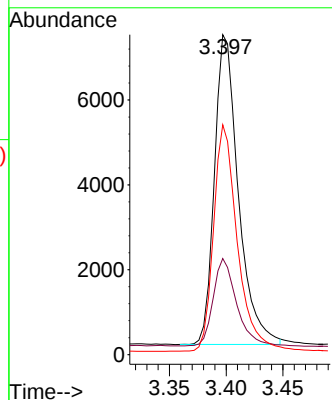
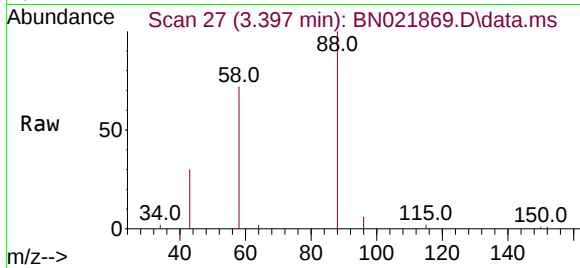




#2
1,4-Dioxane
Concen: 1.721 ng/ul
RT: 3.397 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

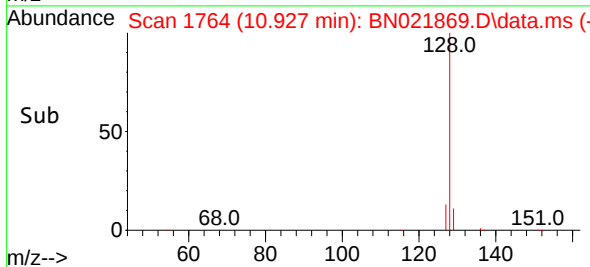
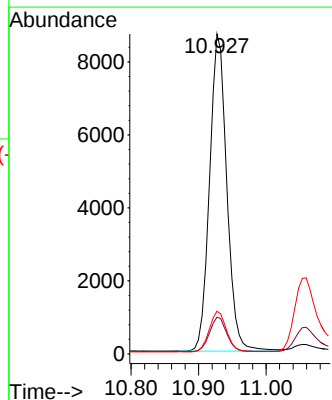
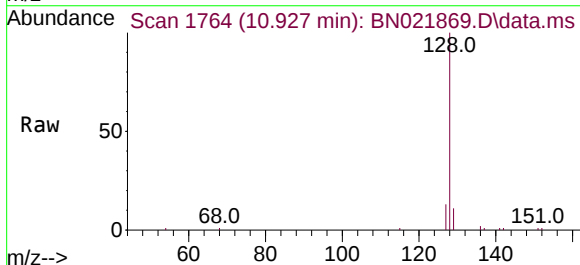
Instrument :
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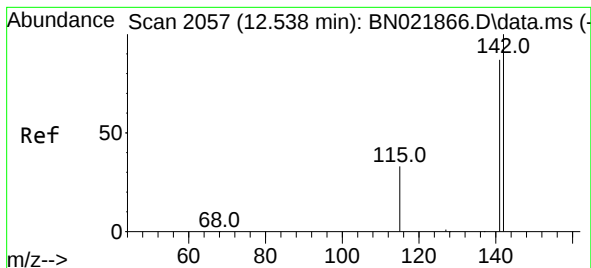
Tgt Ion: 88 Resp: 10711
Ion Ratio Lower Upper
88 100
43 30.0 31.4 47.0#
58 71.8 49.0 73.6



#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:128 Resp: 15422
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.6
127 13.3 11.6 17.4

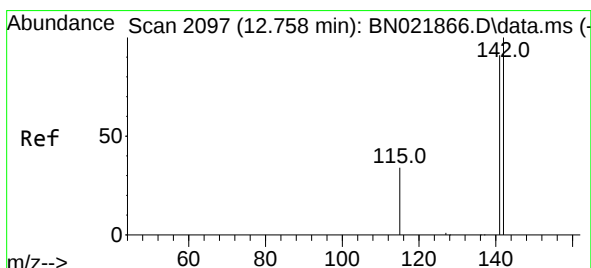
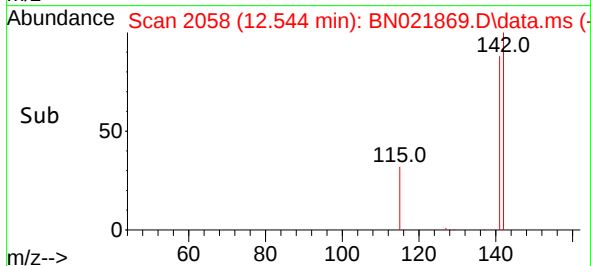
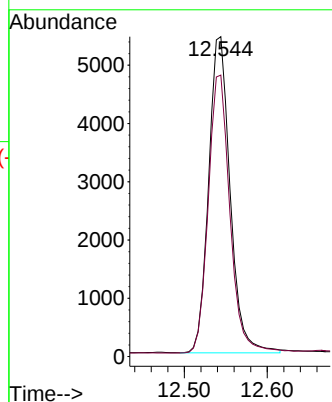
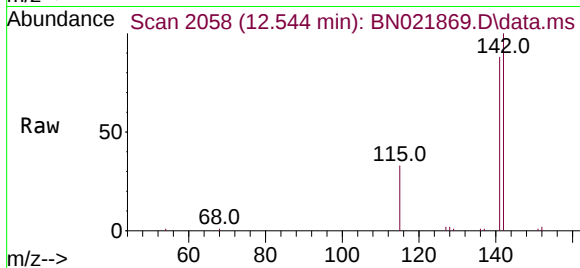




#7
2-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.544 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

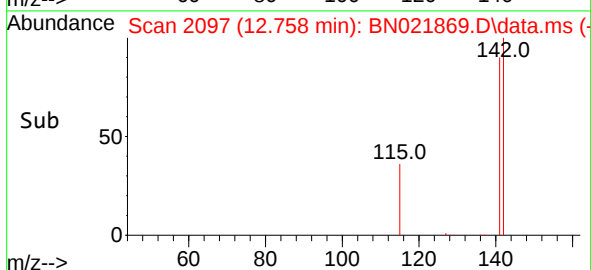
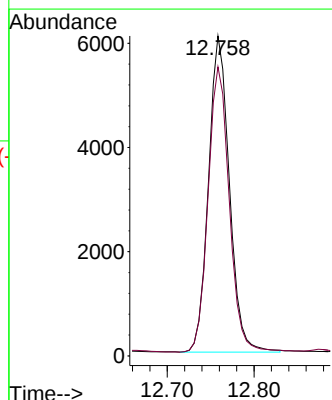
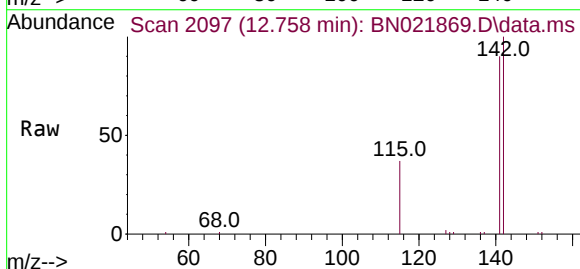
Instrument :
BNA_N
ClientSampleId :
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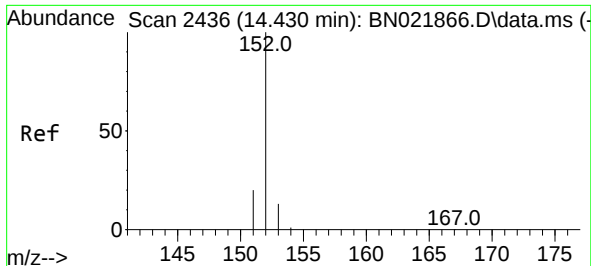
Tgt Ion:142 Resp: 9803
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.758 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:142 Resp: 10156
Ion Ratio Lower Upper
142 100
141 91.3 73.9 110.9

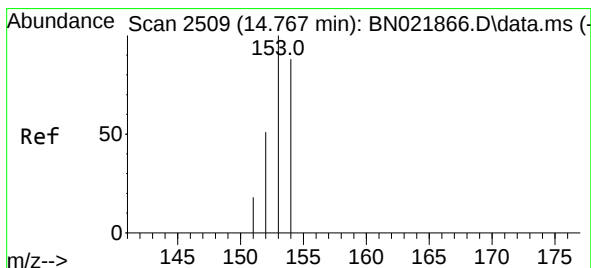
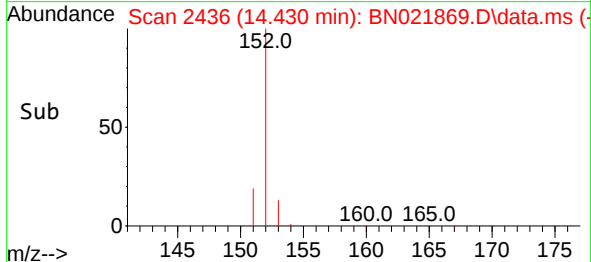
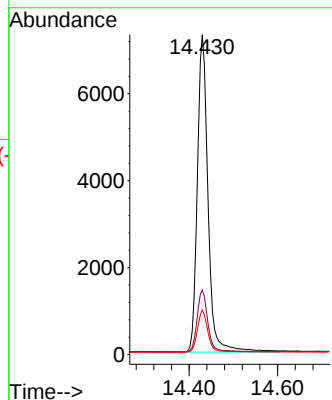
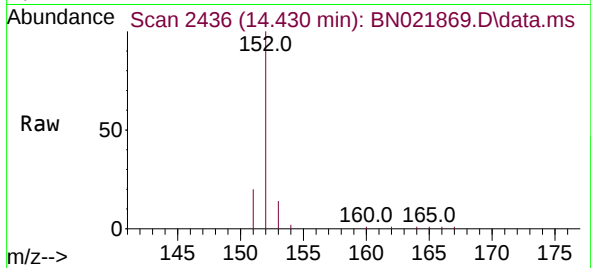




#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.430 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

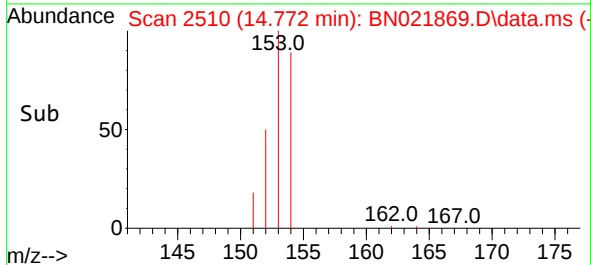
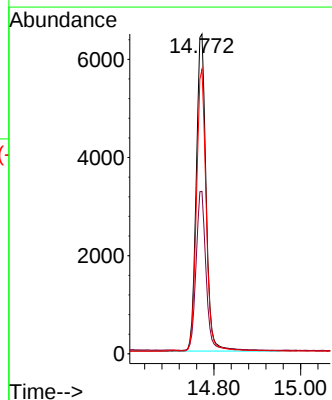
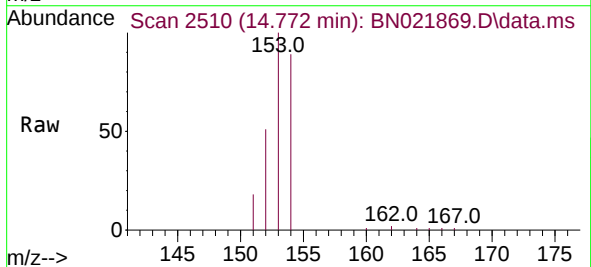
Instrument :
BNA_N
ClientSampleId :
SLCS812

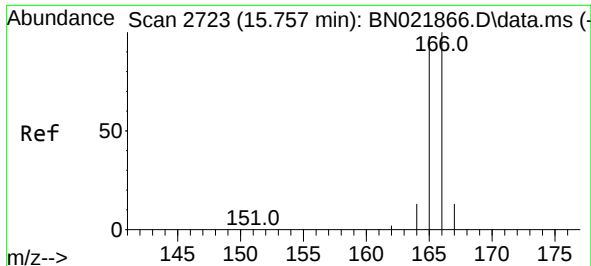
Tgt Ion:152 Resp: 12281
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.772 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:153 Resp: 10177
Ion Ratio Lower Upper
153 100
152 50.8 40.2 60.4
154 88.9 70.7 106.1

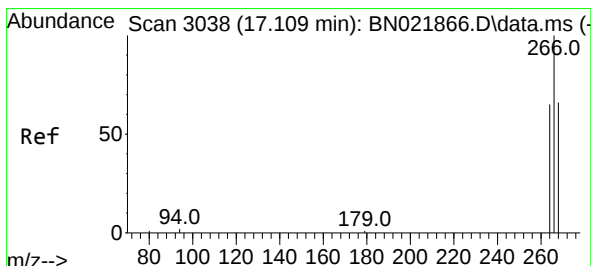
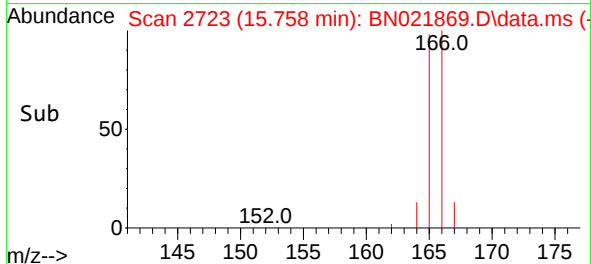
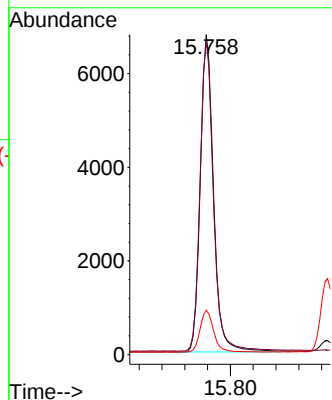
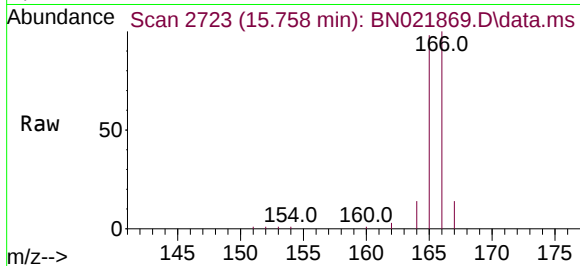




#12
Fluorene
Concen: 0.319 ng/ul
RT: 15.758 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

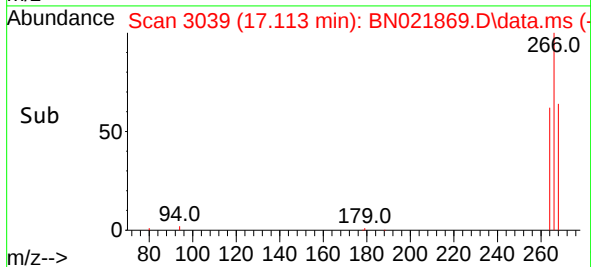
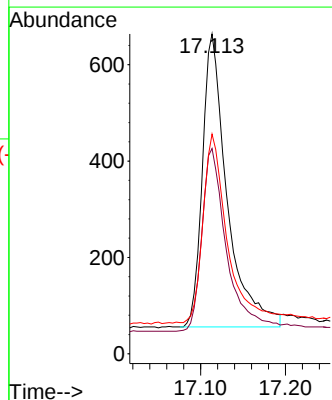
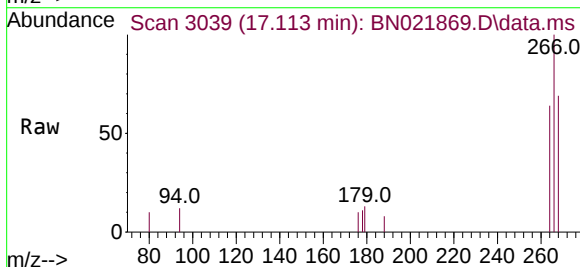
Instrument :
BNA_N
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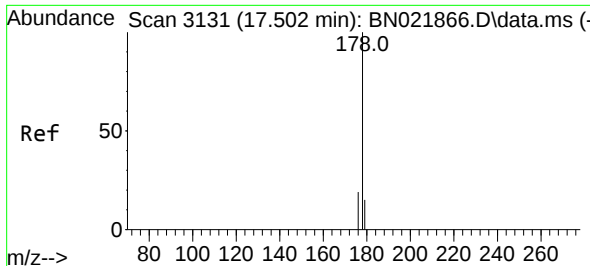
Tgt Ion:166 Resp: 10933
Ion Ratio Lower Upper
166 100
165 98.0 78.6 117.8
167 13.9 11.8 17.6



#14
Pentachlorophenol
Concen: 0.432 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:266 Resp: 1231
Ion Ratio Lower Upper
266 100
264 62.8 49.8 74.8
268 64.0 50.6 75.8

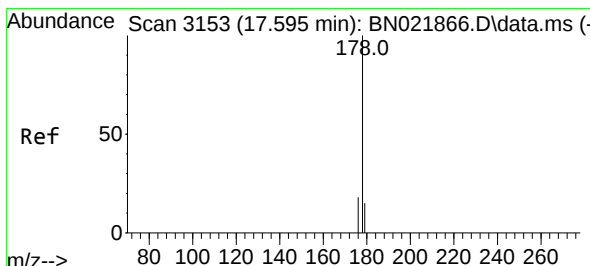
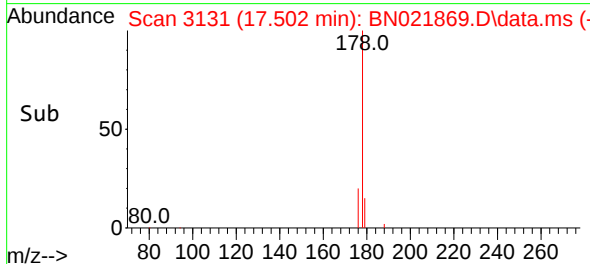
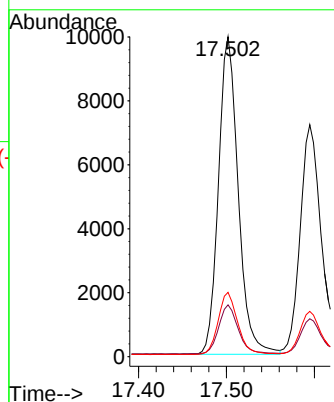
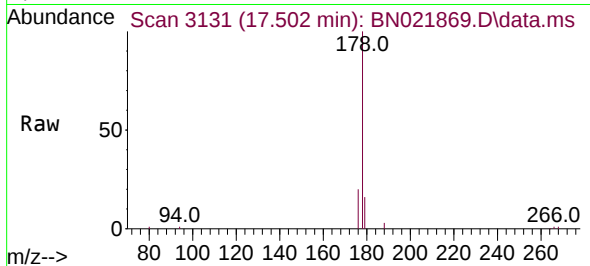




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.502 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

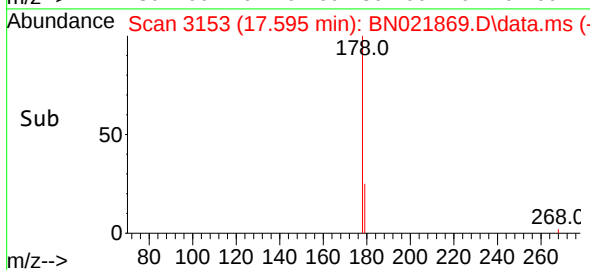
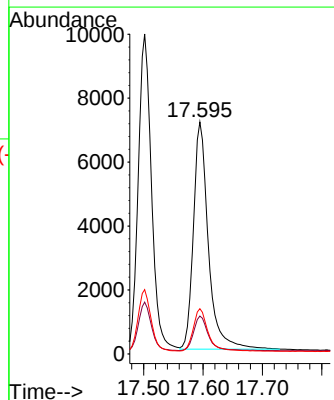
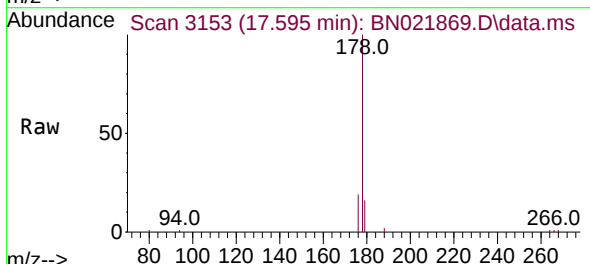
Instrument :
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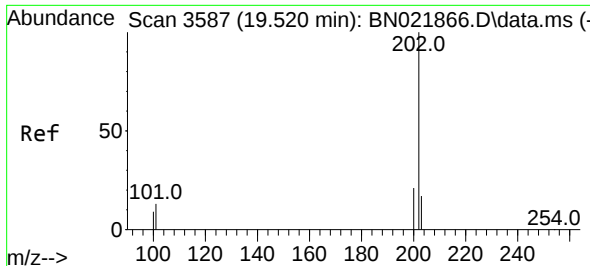
Tgt Ion:	178	Resp:	15502
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	20.1	15.9	23.9



#16
Anthracene
Concen: 0.322 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:	178	Resp:	12403
Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	19.5	15.9	23.9

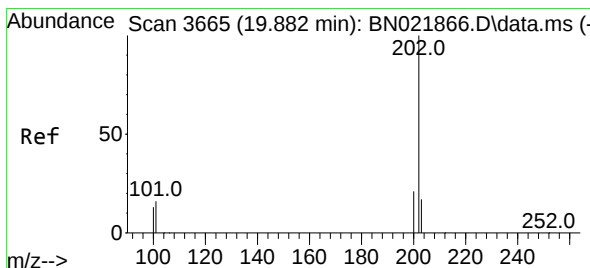
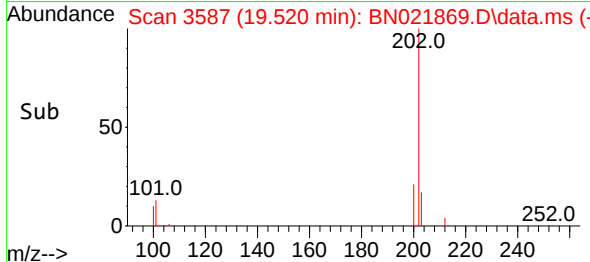
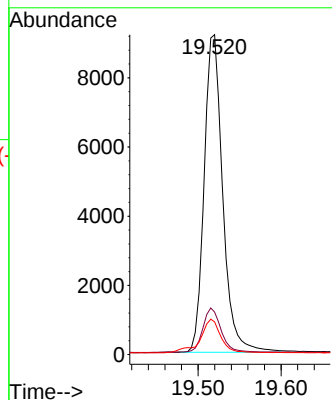
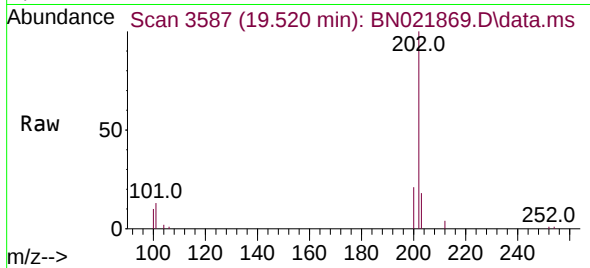




#19
Fluoranthene
Concen: 0.362 ng/ul
RT: 19.520 min Scan# 3587
Delta R.T. 0.005 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

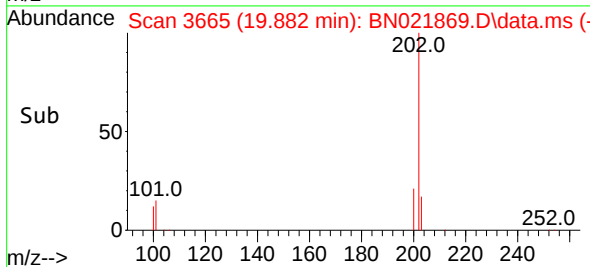
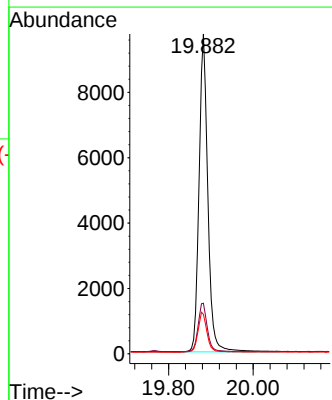
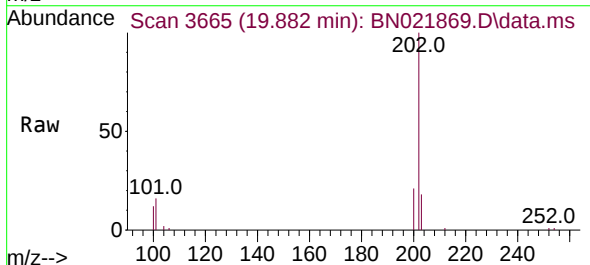
Instrument :
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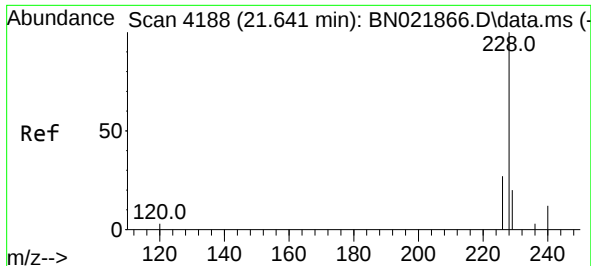
Tgt Ion:202 Resp: 14241
Ion Ratio Lower Upper
202 100
101 13.3 10.0 15.0
100 10.2 8.0 12.0



#20
Pyrene
Concen: 0.361 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:202 Resp: 14036
Ion Ratio Lower Upper
202 100
101 15.8 11.3 16.9
100 12.4 9.0 13.4

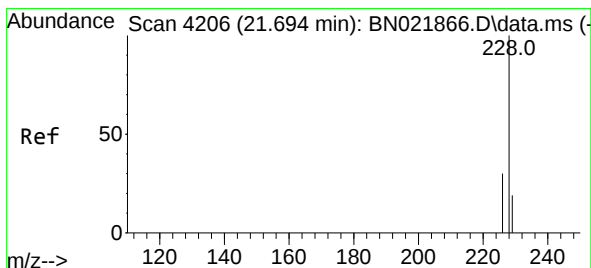
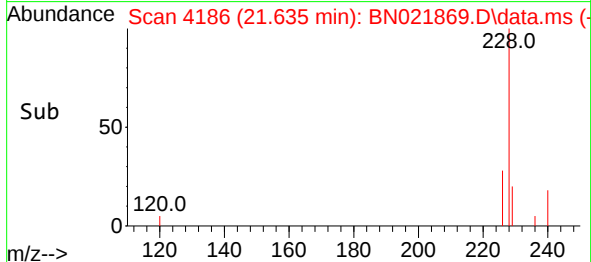
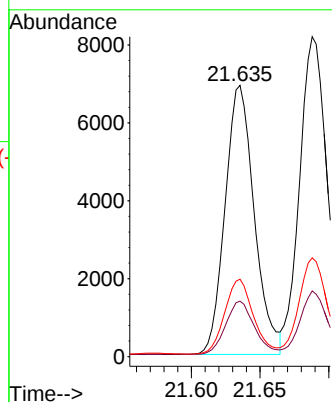
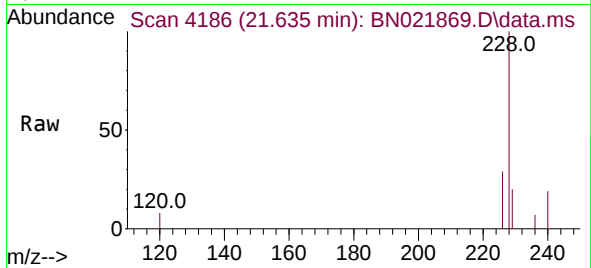




#21
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 21.635 min Scan# 4188
Delta R.T. 0.006 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

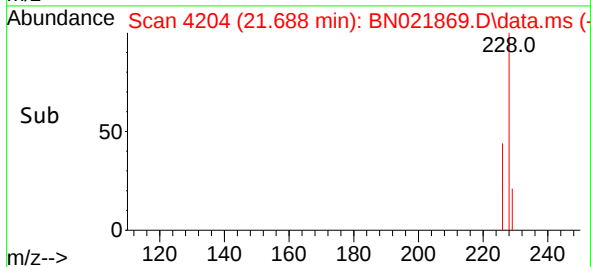
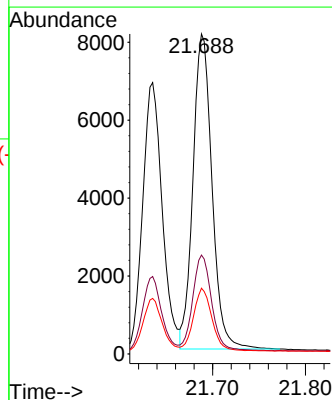
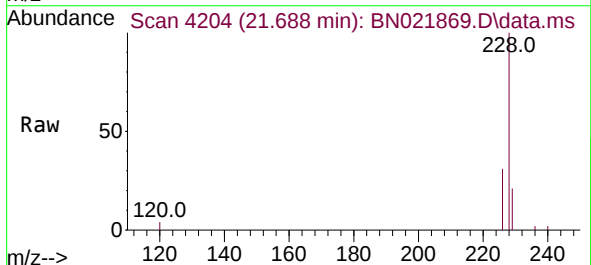
Instrument :
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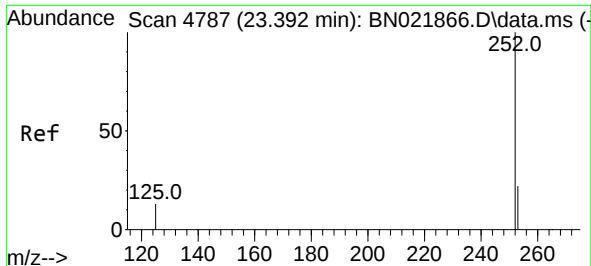
Tgt Ion:228 Resp: 10229
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 28.5 21.9 32.9



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.688 min Scan# 4204
Delta R.T. 0.003 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:228 Resp: 11535
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 20.5 15.8 23.8

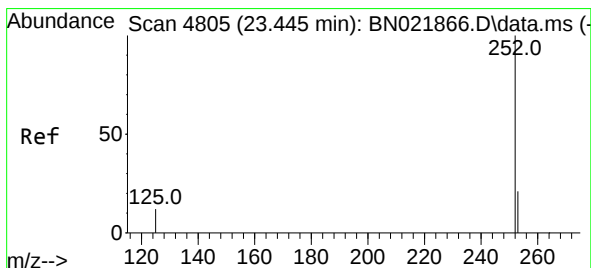
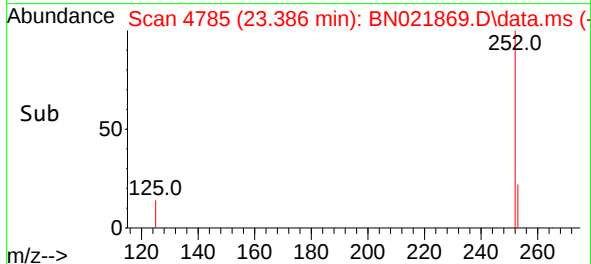
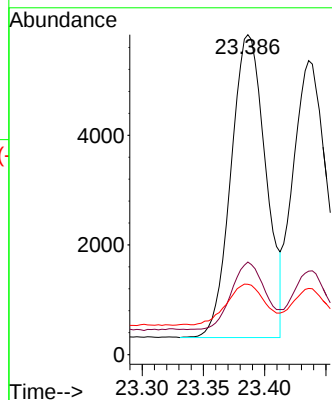
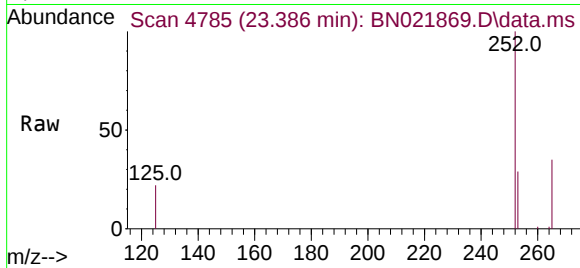




#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 23.386 min Scan# 4785
Delta R.T. 0.006 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

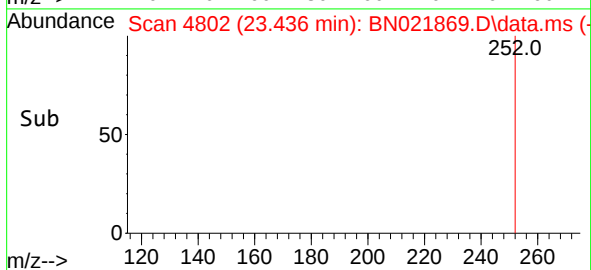
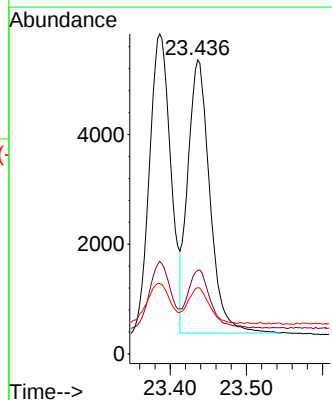
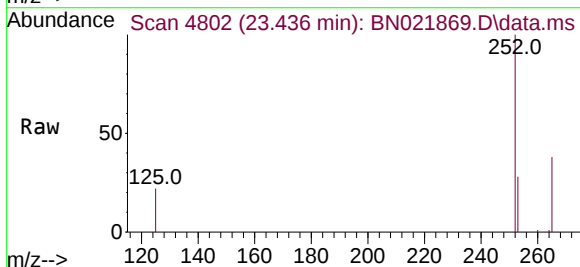
Instrument :
BNA_N
ClientSampleId :
SLCS812

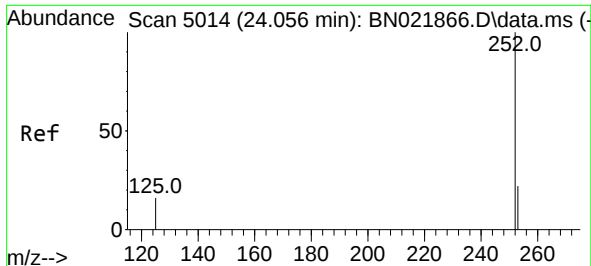
Tgt Ion:252 Resp: 10899
Ion Ratio Lower Upper
252 100
253 28.9 0.0 50.8
125 22.0 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 23.436 min Scan# 4802
Delta R.T. 0.006 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:252 Resp: 9979
Ion Ratio Lower Upper
252 100
253 28.4 20.6 31.0
125 22.5 11.8 17.6#

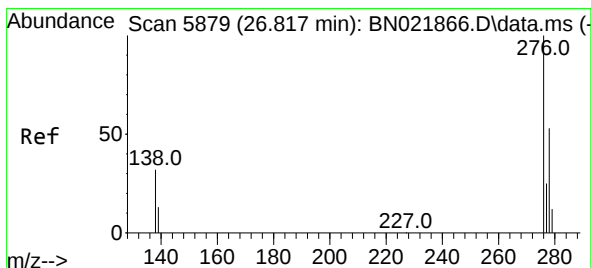
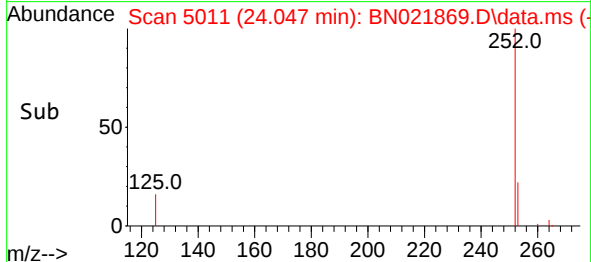
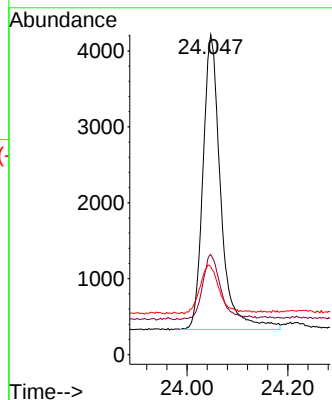
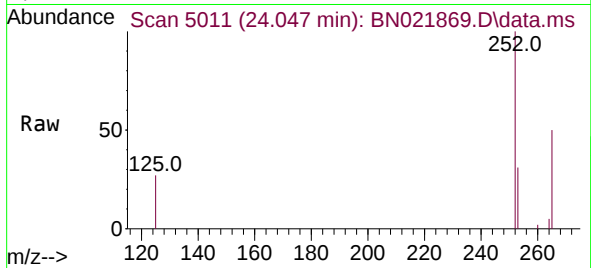




#26
Benzo(a)pyrene
Concen: 0.413 ng/ul
RT: 24.047 min Scan# 5014
Delta R.T. 0.006 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

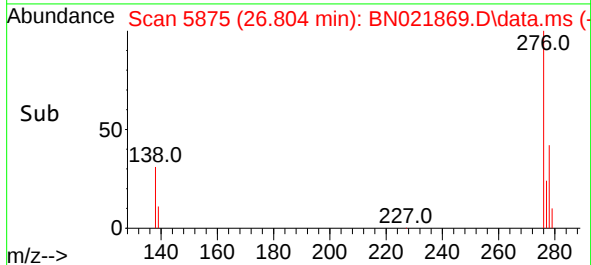
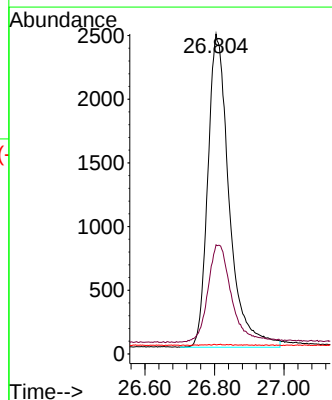
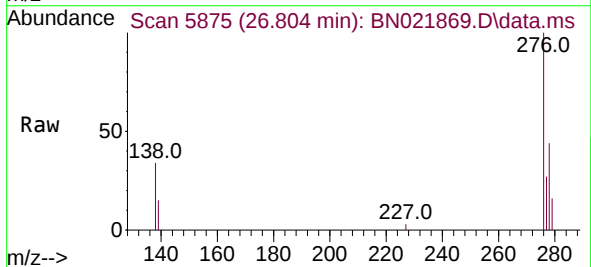
Instrument :
BNA_N
ClientSampleId :
SLCS812

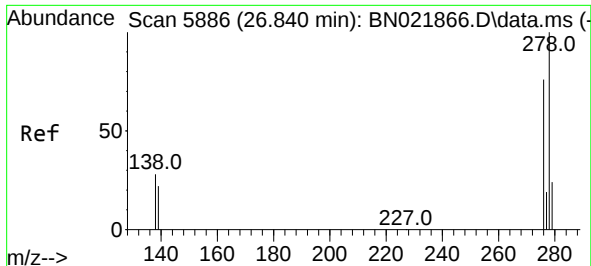
Tgt Ion:252 Resp: 9490
Ion Ratio Lower Upper
252 100
253 31.3 22.1 33.1
125 27.4 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.804 min Scan# 5875
Delta R.T. 0.013 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:276 Resp: 10511
Ion Ratio Lower Upper
276 100
138 34.1 26.1 39.1
227 0.0 0.1 0.1#

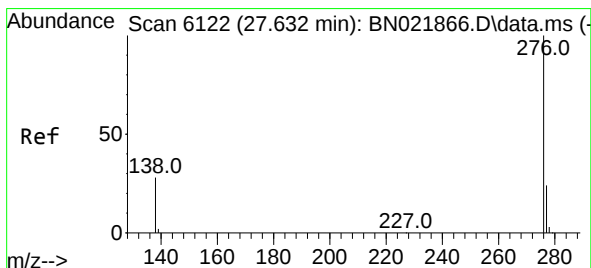
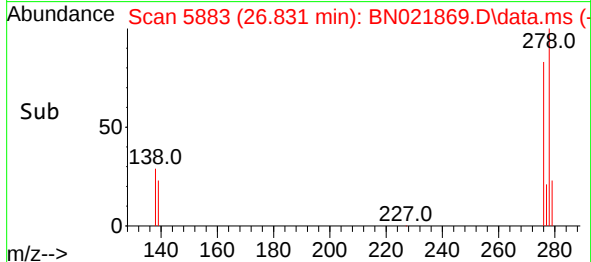
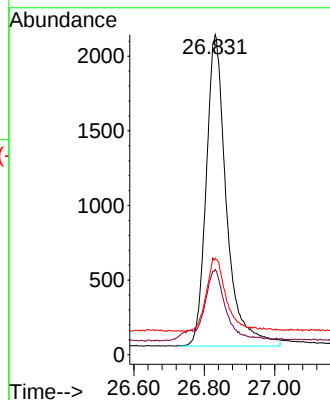
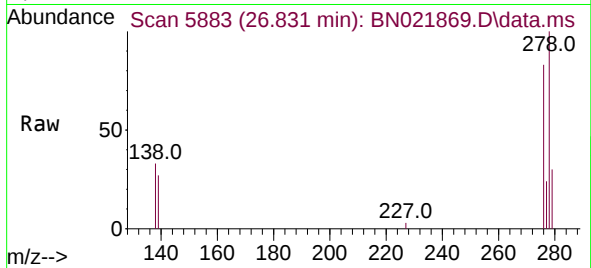




#28
Dibenzo(a,h)anthracene
Concen: 0.380 ng/ul
RT: 26.831 min Scan# 5886
Delta R.T. 0.013 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Instrument :
BNA_N
ClientSampleId :
SLCS812

Tgt Ion:278 Resp: 8349
Ion Ratio Lower Upper
278 100
139 26.6 18.3 27.5
279 30.1 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 27.622 min Scan# 6119
Delta R.T. 0.013 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:276 Resp: 9509
Ion Ratio Lower Upper
276 100
138 31.3 22.6 34.0
277 25.8 20.2 30.2

