

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041822\
 Data File : BN019473.D
 Acq On : 18 Apr 2022 11:46
 Operator : CG/JU
 Sample : SSTD0.123
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.1223

Quant Time: Apr 18 15:04:38 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 15:02:34 2022
 Response via : Initial Calibration

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

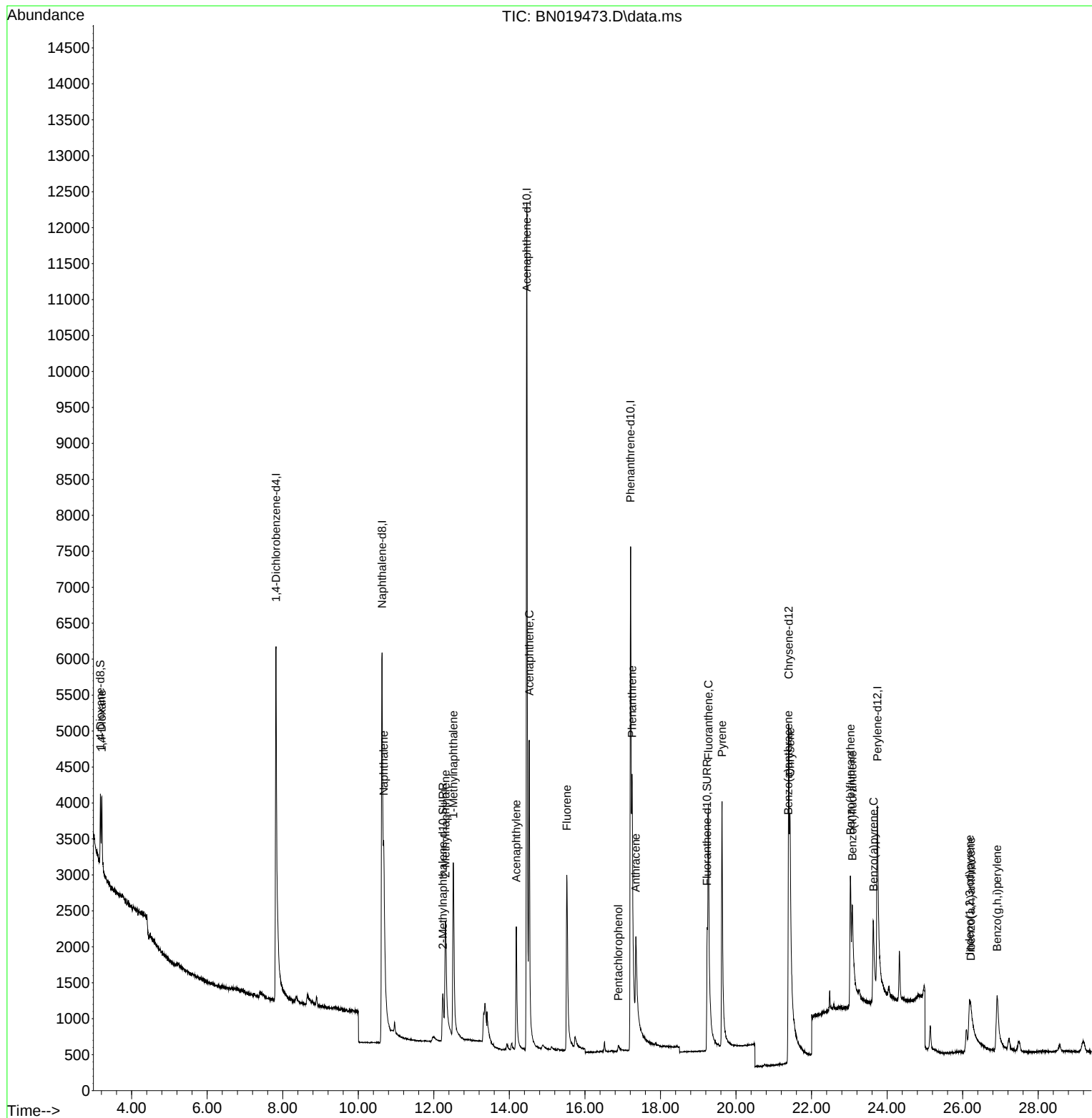
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	4661	0.400	ng/ul	0.00
4) Naphthalene-d8	10.629	136	14360	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.461	164	8284	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	11985	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	7353	0.400	ng/ul	0.00
23) Perylene-d12	23.742	264	5274	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	678	0.113	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.241	152	1709	0.084	ng/ul	0.02
18) Fluoranthene-d10	19.235	212	3288	0.121	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	633	0.110	ng/ul#	60
5) Naphthalene	10.673	128	4078	0.100	ng/ul#	93
7) 2-Methylnaphthalene	12.312	142	2246	0.084	ng/ul#	100
8) 1-Methylnaphthalene	12.516	142	2705	0.097	ng/ul#	100
10) Acenaphthylene	14.184	152	2939	0.098	ng/ul	94
11) Acenaphthene	14.526	153	3089	0.103	ng/ul	98
12) Fluorene	15.521	166	2894	0.087	ng/ul	96
14) Pentachlorophenol	16.885	266	131	0.068	ng/ul#	87
15) Phenanthrene	17.252	178	4296	0.108	ng/ul	95
16) Anthracene	17.349	178	2730	0.089	ng/ul#	88
19) Fluoranthene	19.268	202	4412	0.121	ng/ul#	94
20) Pyrene	19.630	202	4949	0.127	ng/ul	94
21) Benzo(a)anthracene	21.383	228	1882	0.083	ng/ul	93
22) Chrysene	21.433	228	2762	0.093	ng/ul	95
24) Benzo(b)fluoranthene	23.032	252	2604	0.107	ng/ul	70
25) Benzo(k)fluoranthene	23.081	252	2846	0.101	ng/ul#	74
26) Benzo(a)pyrene	23.646	252	2426	0.116	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	26.182	276	2435	0.105	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.219	278	1561	0.095	ng/ul#	43
29) Benzo(g,h,i)perylene	26.913	276	2722	0.121	ng/ul#	85

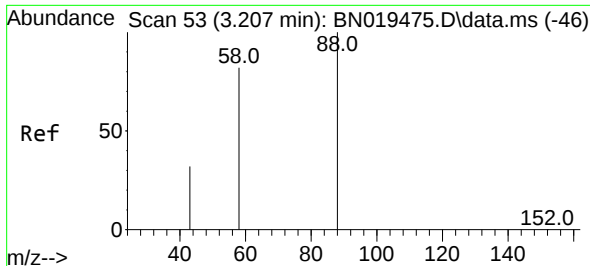
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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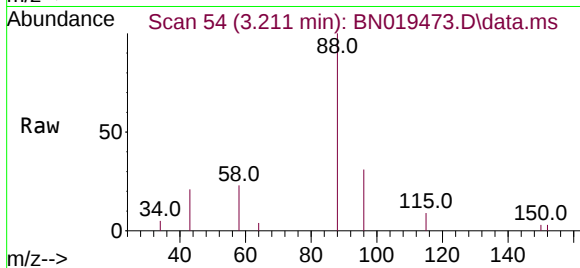
Quant Time: Apr 18 15:04:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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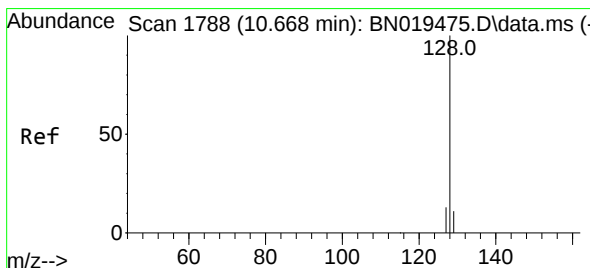
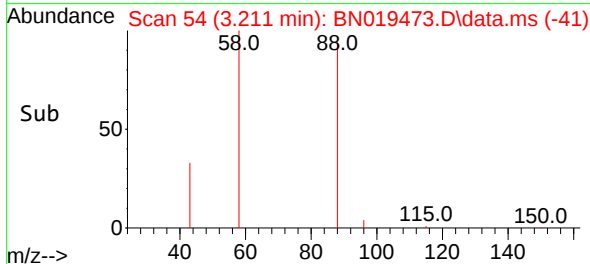
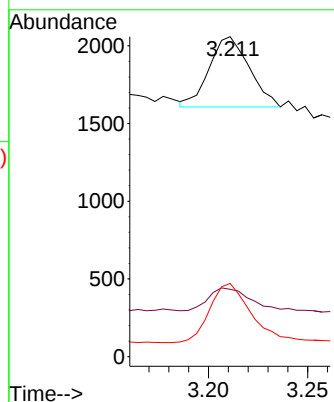


#2
1,4-Dioxane
Concen: 0.110 ng/ul
RT: 3.211 min Scan# 54
Delta R.T. 0.004 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

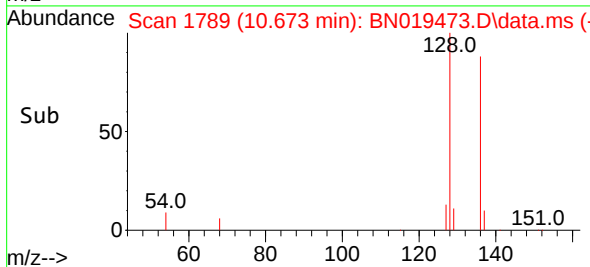
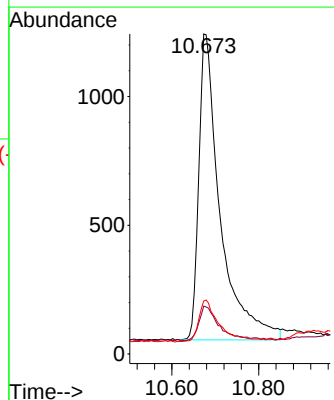
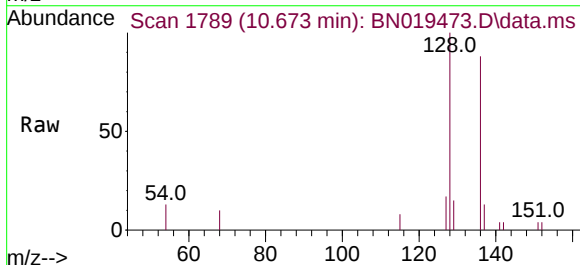


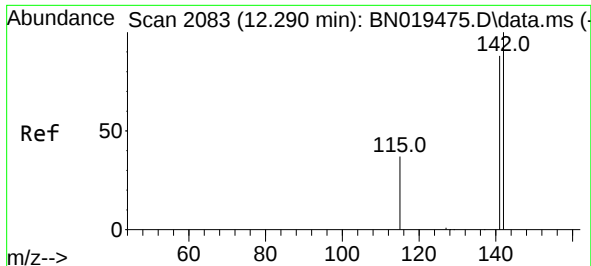
Tgt Ion: 88 Resp: 633
Ion Ratio Lower Upper
88 100
43 21.0 39.0 58.4#
58 22.9 39.8 59.8#



#5
Naphthalene
Concen: 0.100 ng/ul
RT: 10.673 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

Tgt Ion: 128 Resp: 4078
Ion Ratio Lower Upper
128 100
129 15.0 9.5 14.3#
127 16.6 11.0 16.4#

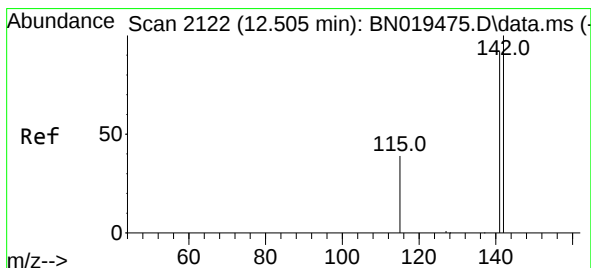
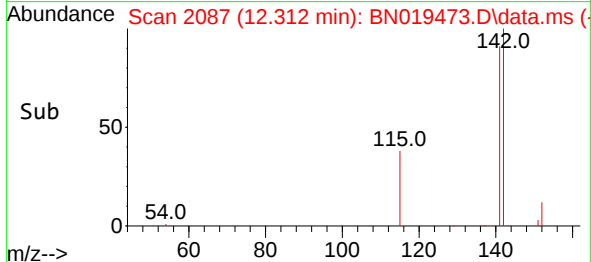
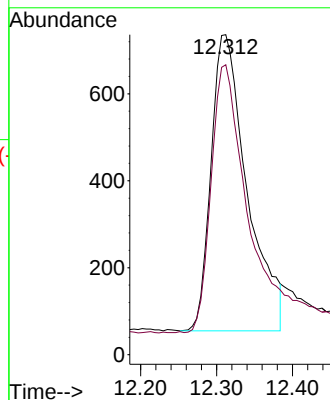
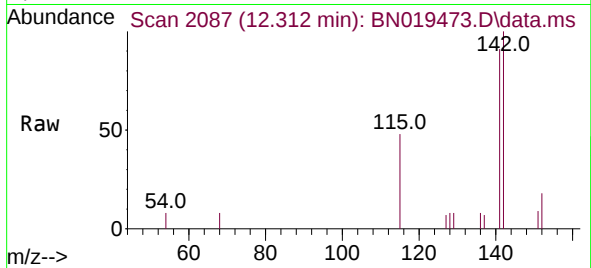




#7
2-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.312 min Scan# 2087
Delta R.T. 0.022 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

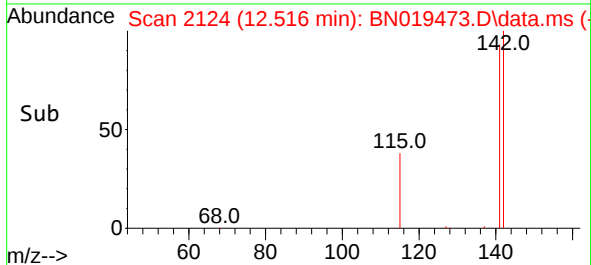
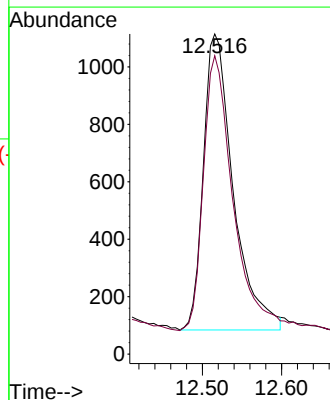
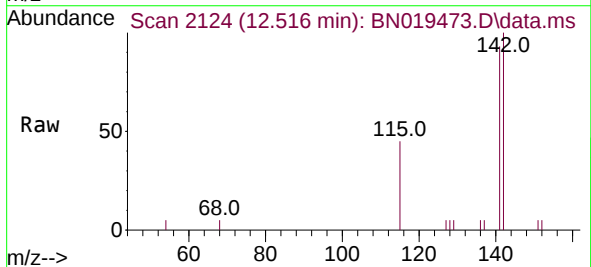
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

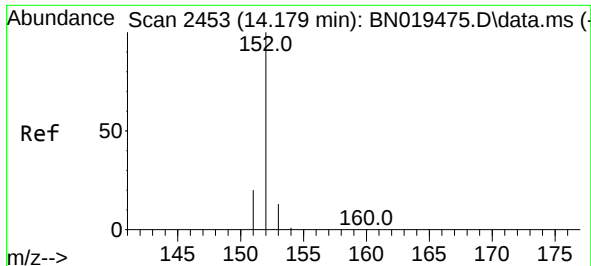
Tgt Ion:142 Resp: 2246
Ion Ratio Lower Upper
142 100
141 88.8 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.516 min Scan# 2124
Delta R.T. 0.011 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

Tgt Ion:142 Resp: 2705
Ion Ratio Lower Upper
142 100
141 91.5 0.0 0.0#

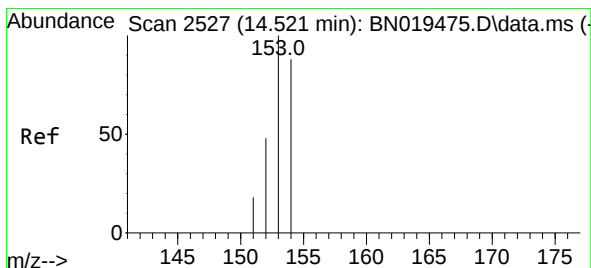
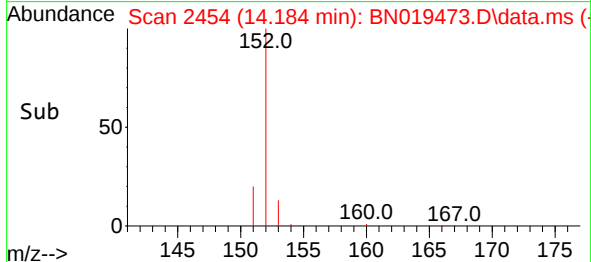
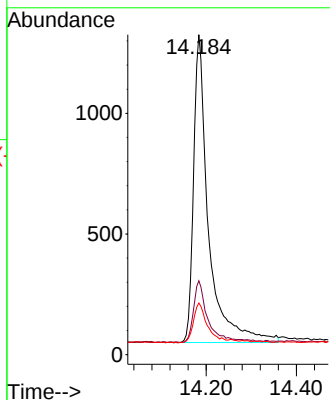
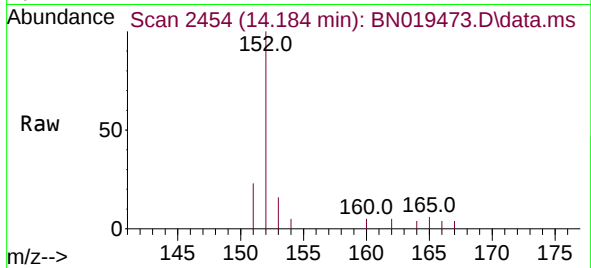




#10
Acenaphthylene
Concen: 0.098 ng/ul
RT: 14.184 min Scan# 2453
Delta R.T. 0.005 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

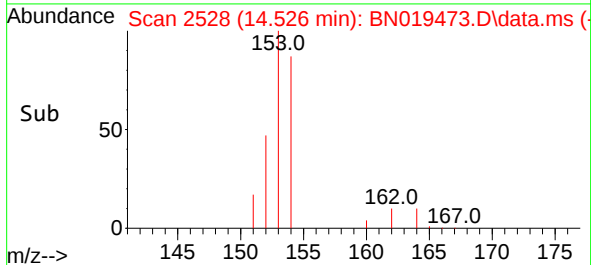
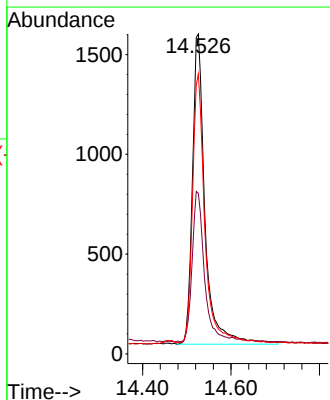
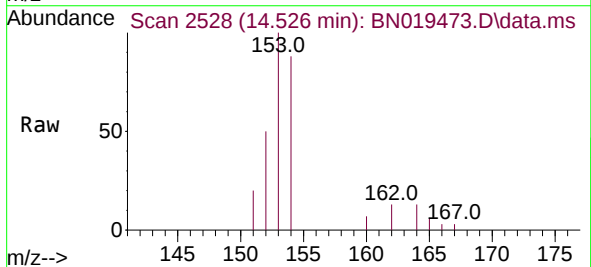
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

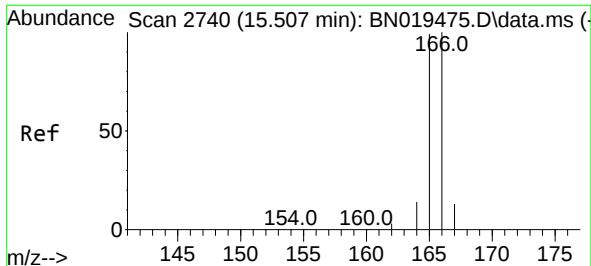
Tgt Ion:	152	Resp:	2939
Ion Ratio	Lower	Upper	
152	100		
151	23.1	16.3	24.5
153	16.1	11.1	16.7



#11
Acenaphthene
Concen: 0.103 ng/ul
RT: 14.526 min Scan# 2528
Delta R.T. 0.005 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

Tgt Ion:	153	Resp:	3089
Ion Ratio	Lower	Upper	
153	100		
152	50.2	38.6	57.8
154	87.5	71.2	106.8

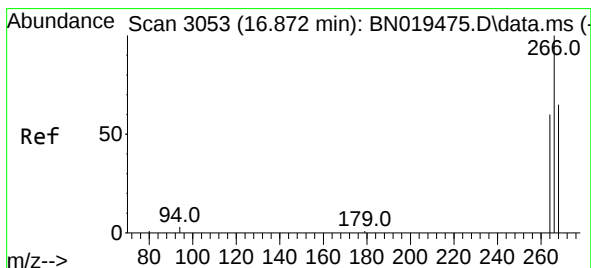
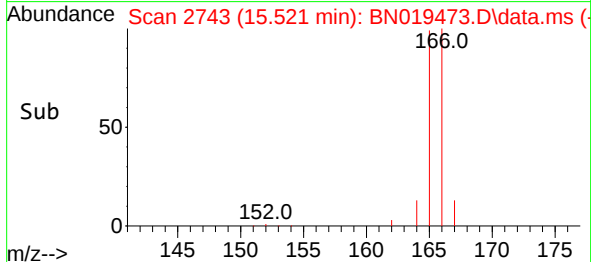
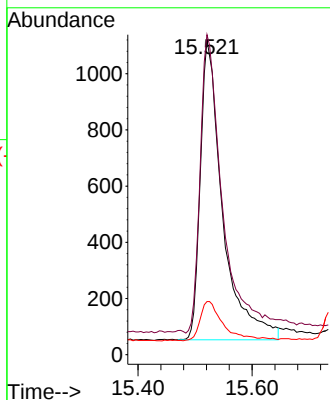
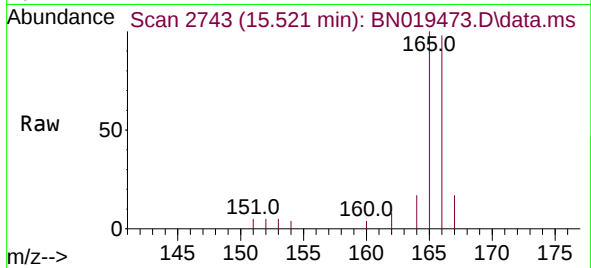




#12
 Fluorene
 Concen: 0.087 ng/ul
 RT: 15.521 min Scan# 21
 Delta R.T. 0.014 min
 Lab File: BN019473.D
 Acq: 18 Apr 2022 11:46

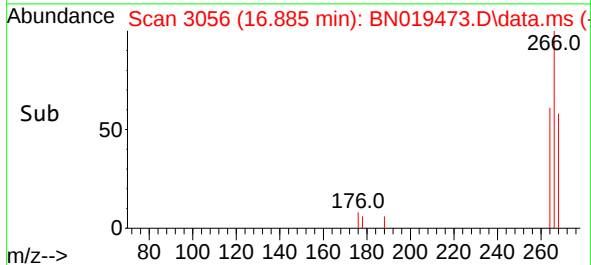
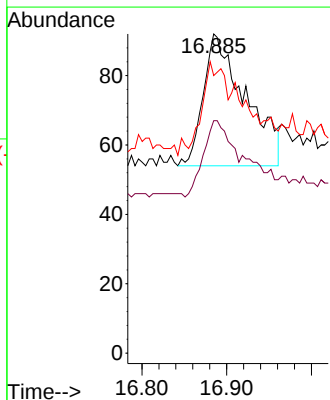
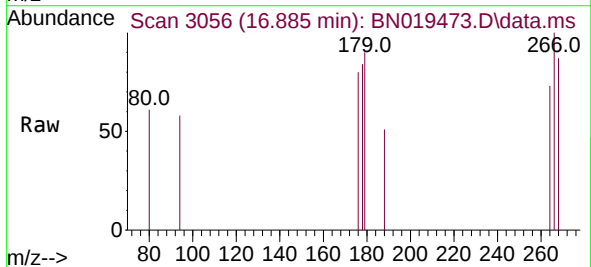
Instrument :
 BNA_N
 ClientSampleId :
 SST00.1223

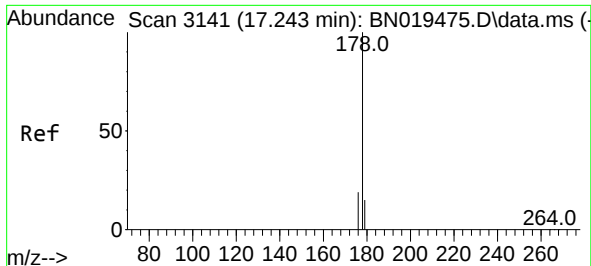
Tgt Ion:	166	Resp:	2894
Ion Ratio	Lower	Upper	
166	100		
165	101.7	78.2	117.2
167	16.9	11.3	16.9



#14
 Pentachlorophenol
 Concen: 0.068 ng/ul
 RT: 16.885 min Scan# 3056
 Delta R.T. 0.013 min
 Lab File: BN019473.D
 Acq: 18 Apr 2022 11:46

Tgt Ion:	266	Resp:	131
Ion Ratio	Lower	Upper	
266	100		
264	57.3	44.9	67.3
268	74.0	44.6	67.0#

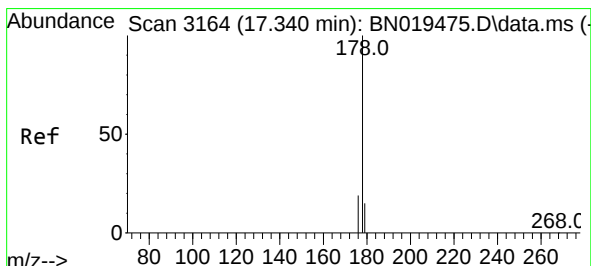
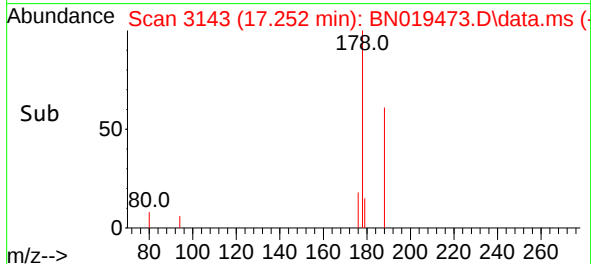
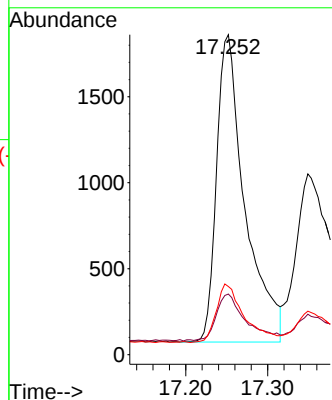
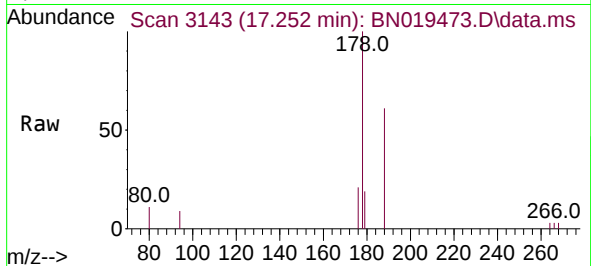




#15
Phenanthrene
Concen: 0.108 ng/u1
RT: 17.252 min Scan# 3143
Delta R.T. 0.009 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

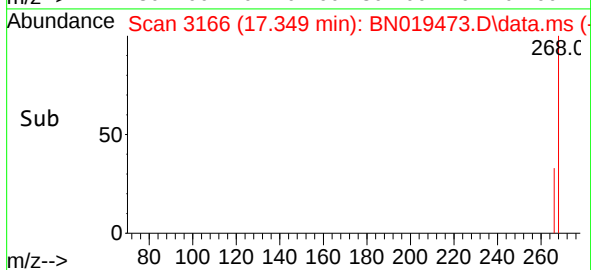
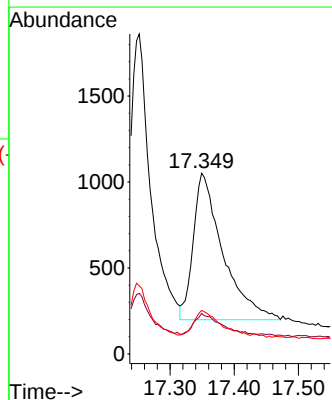
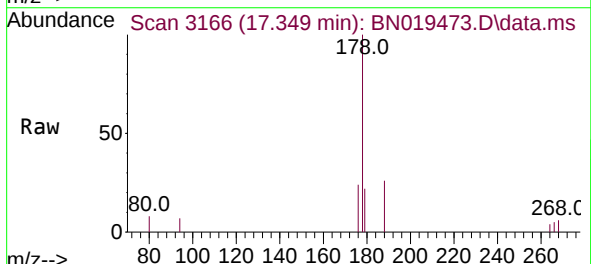
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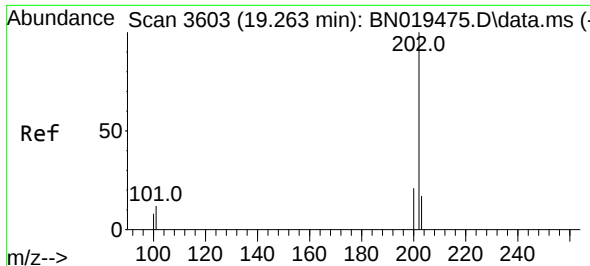
Tgt Ion:178 Resp: 4296
Ion Ratio Lower Upper
178 100
179 19.0 12.9 19.3
176 21.3 15.5 23.3



#16
Anthracene
Concen: 0.089 ng/u1
RT: 17.349 min Scan# 3166
Delta R.T. 0.009 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

Tgt Ion:178 Resp: 2730
Ion Ratio Lower Upper
178 100
179 22.4 13.1 19.7#
176 24.1 15.3 22.9#

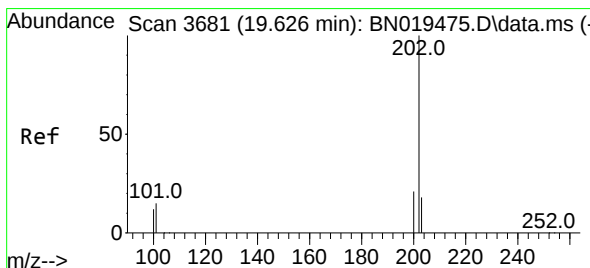
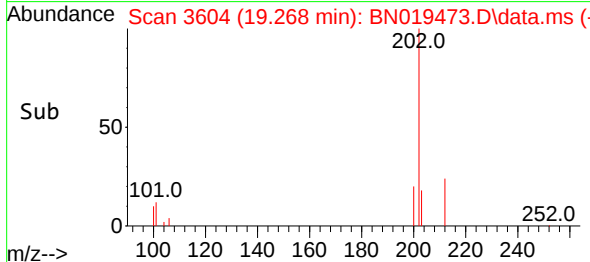
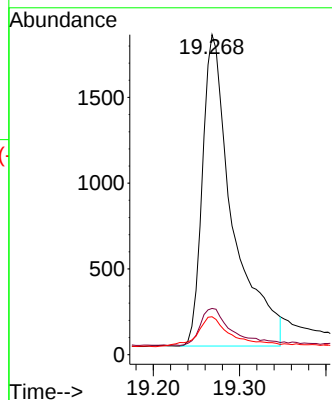
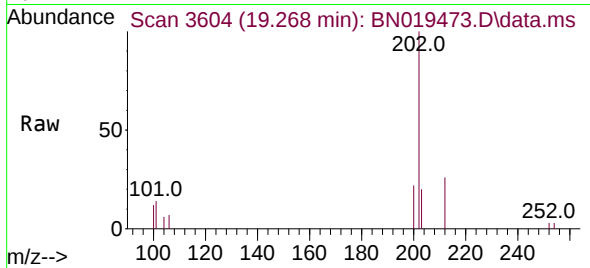




#19
Fluoranthene
Concen: 0.121 ng/u1
RT: 19.268 min Scan# 3604
Delta R.T. 0.005 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

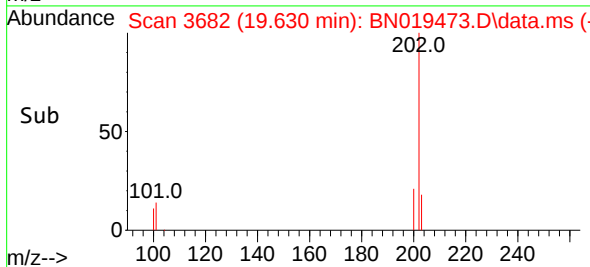
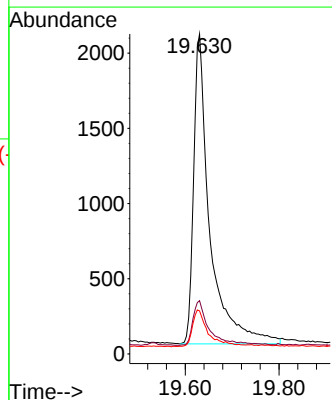
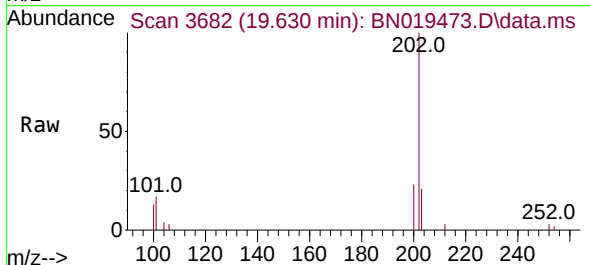
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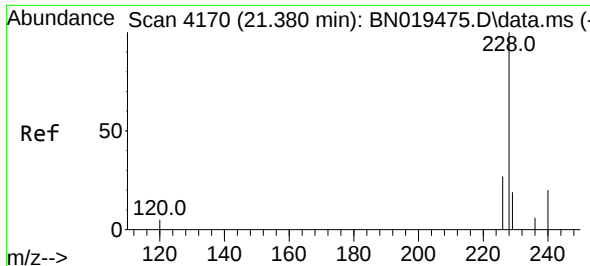
Tgt Ion:202 Resp: 4412
Ion Ratio Lower Upper
202 100
101 14.5 9.7 14.5
100 11.8 7.4 11.2#



#20
Pyrene
Concen: 0.127 ng/u1
RT: 19.630 min Scan# 3682
Delta R.T. 0.005 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

Tgt Ion:202 Resp: 4949
Ion Ratio Lower Upper
202 100
101 16.6 11.4 17.0
100 13.4 9.0 13.4

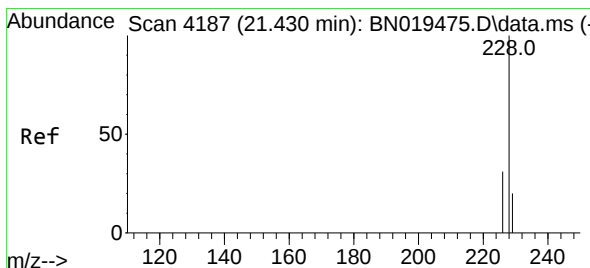
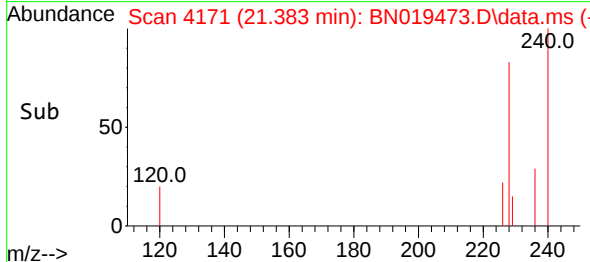
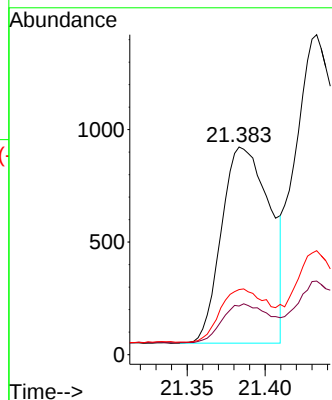
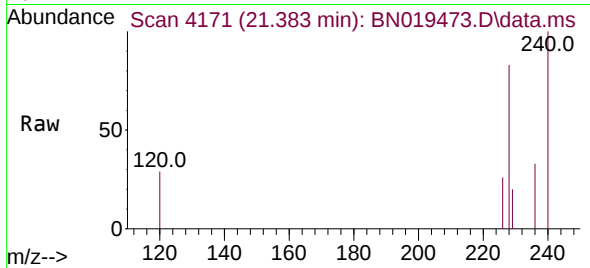




#21
Benzo(a)anthracene
Concen: 0.083 ng/u1
RT: 21.383 min Scan# 4170
Delta R.T. 0.003 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

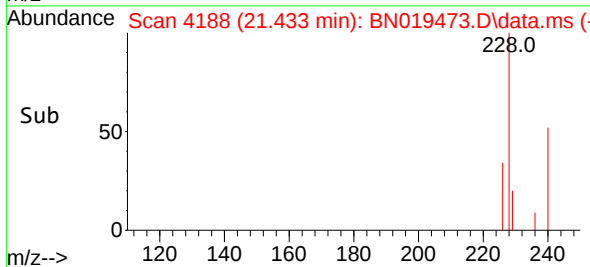
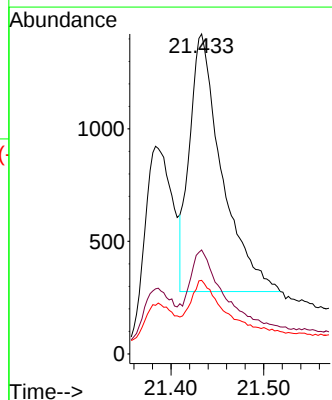
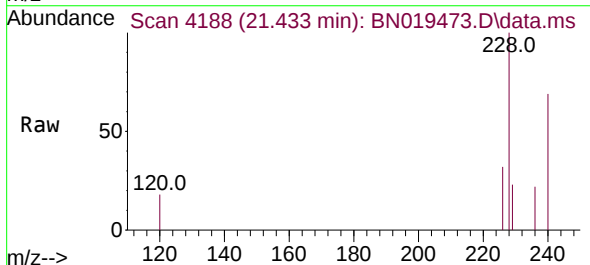
Instrument :
BNA_N
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SSTD0.1223

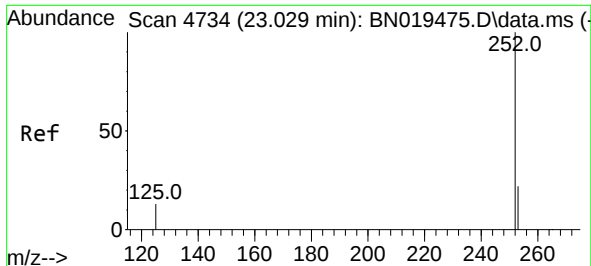
Tgt Ion:228 Resp: 1882
Ion Ratio Lower Upper
228 100
229 23.4 16.1 24.1
226 31.3 22.1 33.1



#22
Chrysene
Concen: 0.093 ng/u1
RT: 21.433 min Scan# 4188
Delta R.T. 0.003 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

Tgt Ion:228 Resp: 2762
Ion Ratio Lower Upper
228 100
226 32.5 24.2 36.2
229 23.0 16.0 24.0

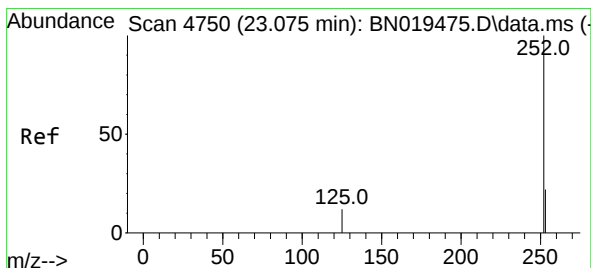
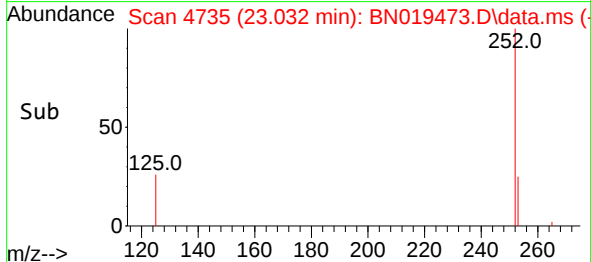
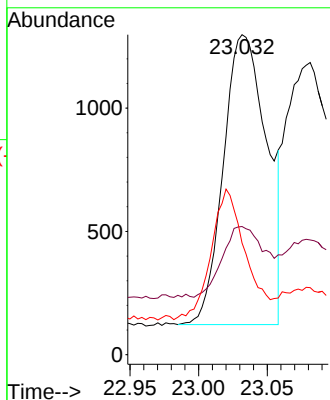
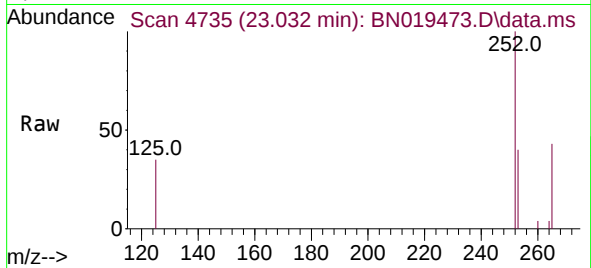




#24
Benzo(b)fluoranthene
Concen: 0.107 ng/ul
RT: 23.032 min Scan# 4735
Delta R.T. 0.003 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

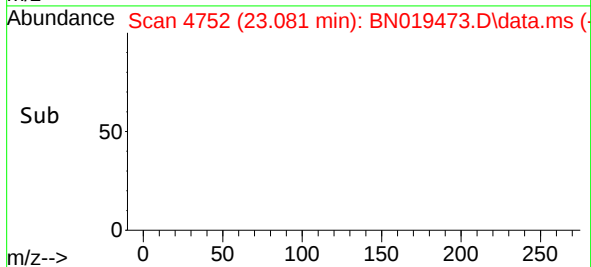
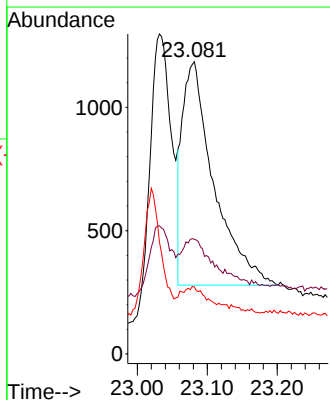
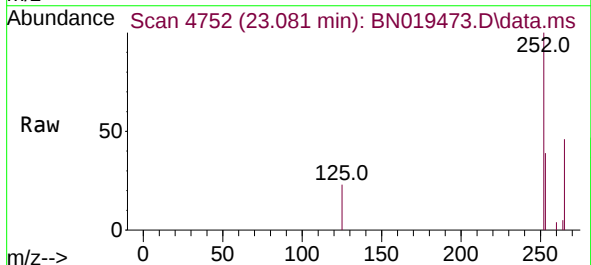
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

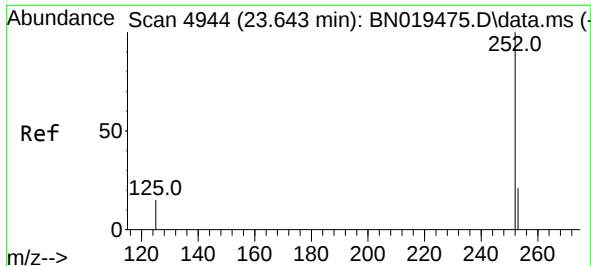
Tgt Ion:252 Resp: 2604
Ion Ratio Lower Upper
252 100
253 40.1 0.0 52.0
125 34.9 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.101 ng/ul
RT: 23.081 min Scan# 4752
Delta R.T. 0.006 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

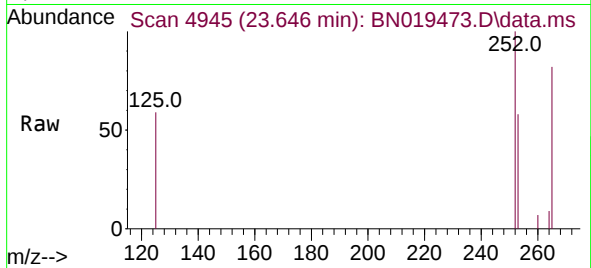
Tgt Ion:252 Resp: 2846
Ion Ratio Lower Upper
252 100
253 39.2 20.2 30.2#
125 23.0 11.0 16.6#



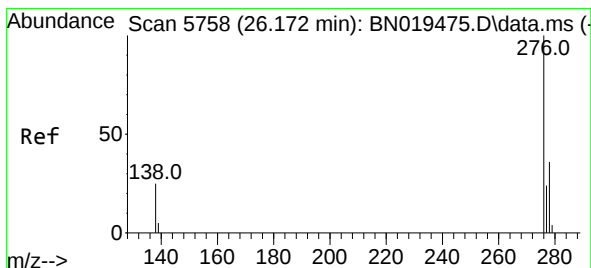
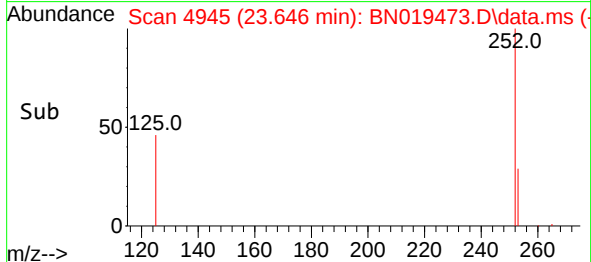
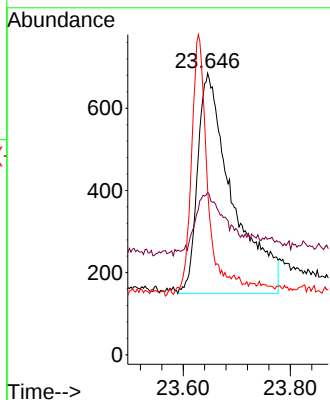


#26
Benzo(a)pyrene
Concen: 0.116 ng/ul
RT: 23.646 min Scan# 4945
Delta R.T. 0.003 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

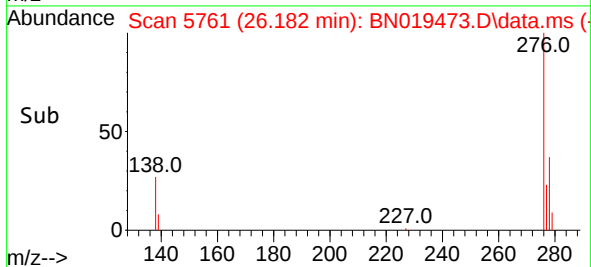
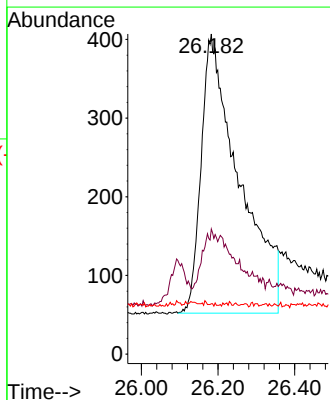
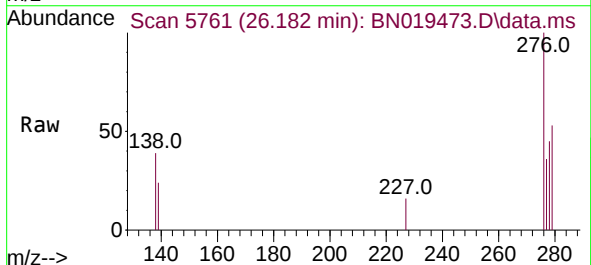


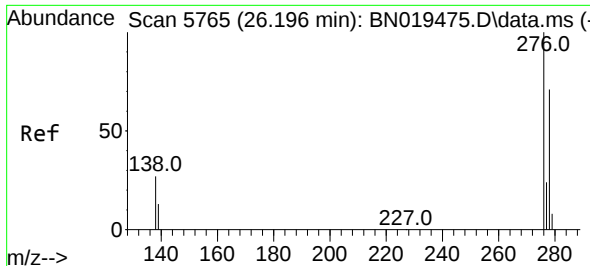
Tgt Ion:252 Resp: 2426
Ion Ratio Lower Upper
252 100
253 57.7 23.4 35.0#
125 58.8 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng/ul
RT: 26.182 min Scan# 5761
Delta R.T. 0.010 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

Tgt Ion:276 Resp: 2435
Ion Ratio Lower Upper
276 100
138 20.1 23.6 35.4#
227 0.0 0.0 0.0#

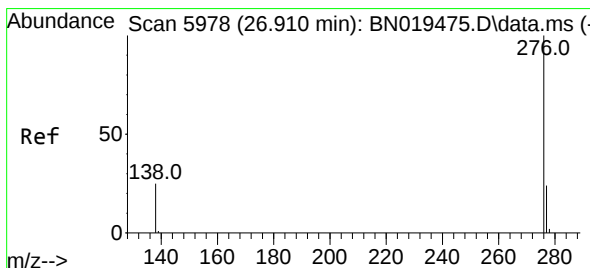
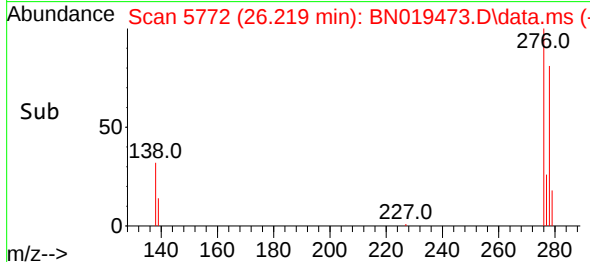
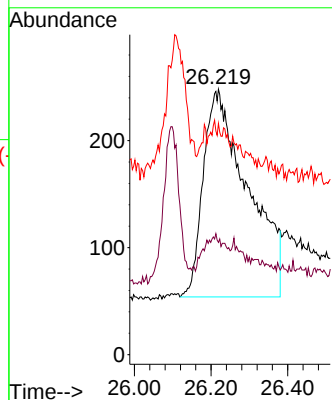
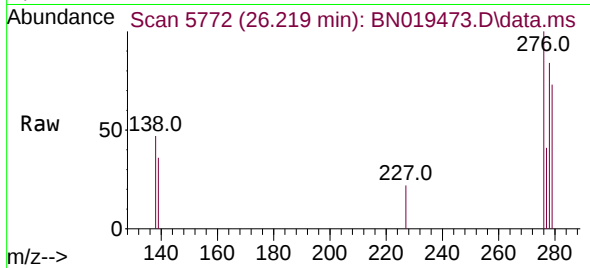




#28
Dibenzo(a,h)anthracene
Concen: 0.095 ng/ul
RT: 26.219 min Scan# 51
Delta R.T. 0.024 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

Tgt Ion:278 Resp: 1561
Ion Ratio Lower Upper
278 100
139 42.3 18.6 28.0#
279 87.1 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.121 ng/ul
RT: 26.913 min Scan# 5979
Delta R.T. 0.003 min
Lab File: BN019473.D
Acq: 18 Apr 2022 11:46

Tgt Ion:276 Resp: 2722
Ion Ratio Lower Upper
276 100
138 34.4 20.9 31.3#
277 32.3 20.4 30.6#

