

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082222\
 Data File : BN021303.D
 Acq On : 22 Aug 2022 16:17
 Operator : CG/JU
 Sample : SST0.837
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8240

Quant Time: Aug 22 17:53:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 17:51:15 2022
 Response via : Initial Calibration

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

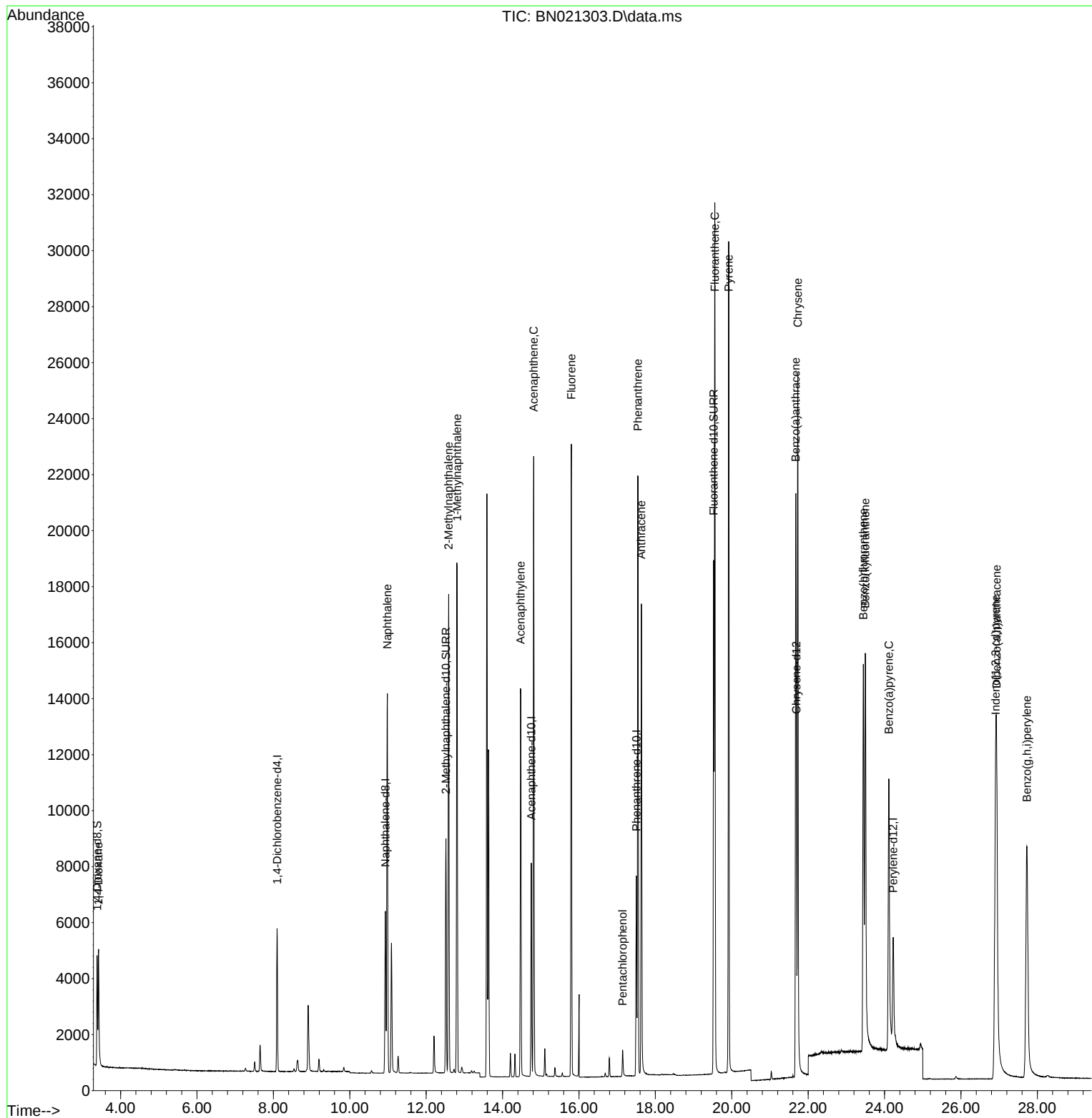
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	2538	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	7944	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.754	164	4168	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	8248	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	7128	0.400	ng/ul	# 0.00
23) Perylene-d12	24.225	264	6010	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	2803	0.863	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	10331	0.888	ng/ul	0.00
18) Fluoranthene-d10	19.525	212	18922	0.860	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	2991	0.894	ng/ul	90
5) Naphthalene	10.982	128	18882	0.774	ng/ul	97
7) 2-Methylnaphthalene	12.588	142	12004	0.811	ng/ul	98
8) 1-Methylnaphthalene	12.808	142	12704	0.858	ng/ul	99
10) Acenaphthylene	14.472	152	16233	0.833	ng/ul	97
11) Acenaphthene	14.814	153	12351	0.766	ng/ul	98
12) Fluorene	15.799	166	13889	0.788	ng/ul	99
14) Pentachlorophenol	17.143	266	712	0.560	ng/ul	100
15) Phenanthrene	17.540	178	23162	0.785	ng/ul	99
16) Anthracene	17.633	178	18964	0.830	ng/ul	98
19) Fluoranthene	19.557	202	25566	0.810	ng/ul	99
20) Pyrene	19.920	202	24554	0.754	ng/ul	98
21) Benzo(a)anthracene	21.673	228	18594	0.799	ng/ul	99
22) Chrysene	21.729	228	23862	0.779	ng/ul	99
24) Benzo(b)fluoranthene	23.445	252	20035	0.720	ng/ul	97
25) Benzo(k)fluoranthene	23.495	252	22323	0.760	ng/ul	96
26) Benzo(a)pyrene	24.111	252	18598	0.733	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.905	276	22400	0.739	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.932	278	18524	0.774	ng/ul	94
29) Benzo(g,h,i)perylene	27.723	276	21732	0.804	ng/ul	99

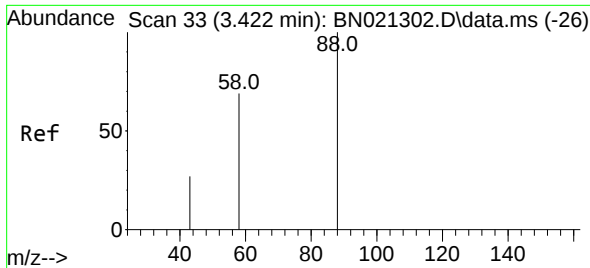
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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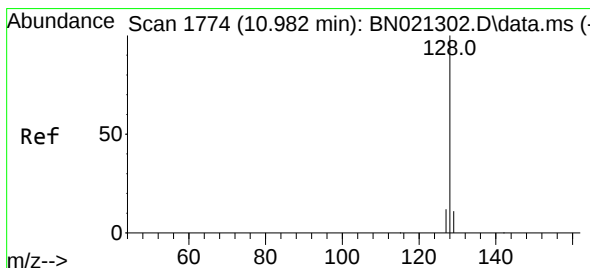
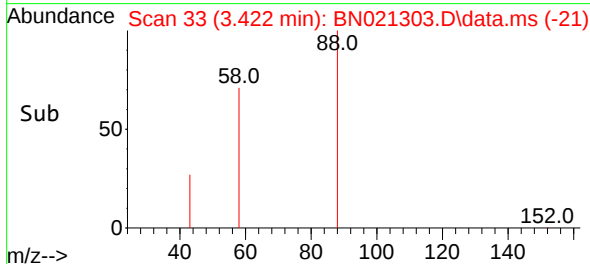
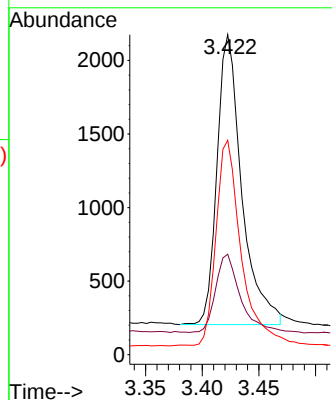
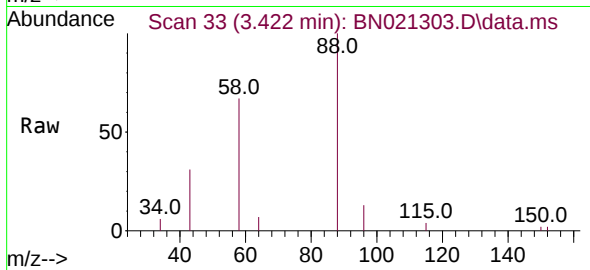




#2
1,4-Dioxane
Concen: 0.894 ng/ul
RT: 3.422 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

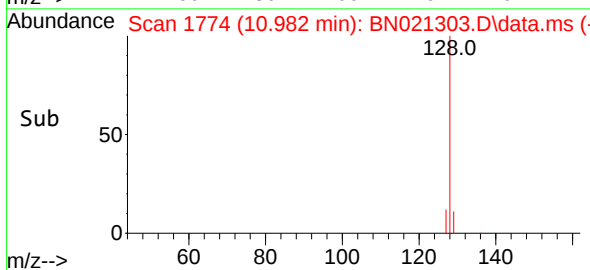
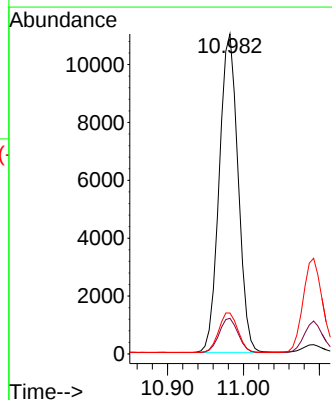
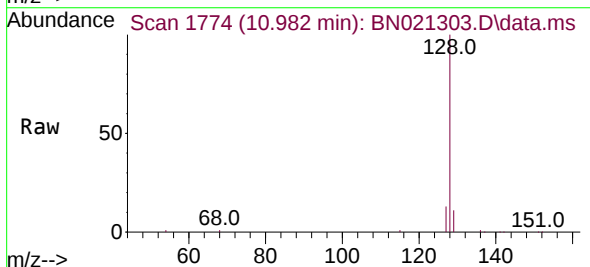
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

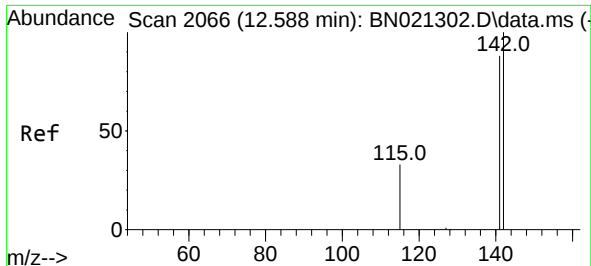
Tgt Ion: 88 Resp: 2991
Ion Ratio Lower Upper
88 100
43 31.4 31.4 47.0
58 67.0 49.0 73.6



#5
Naphthalene
Concen: 0.774 ng/ul
RT: 10.982 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

Tgt Ion: 128 Resp: 18882
Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.6
127 12.8 11.6 17.4

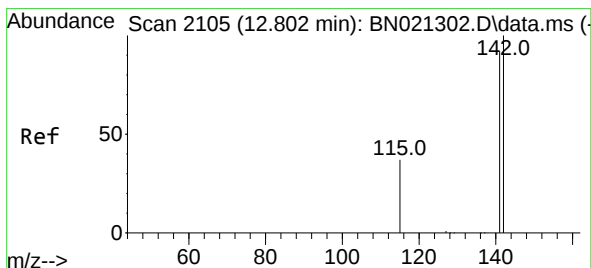
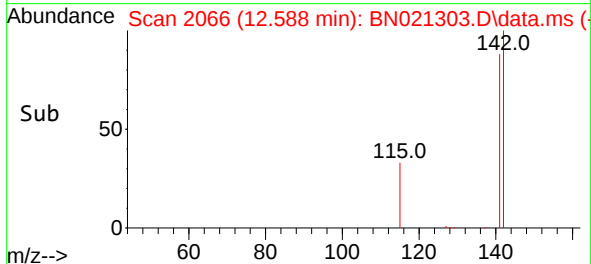
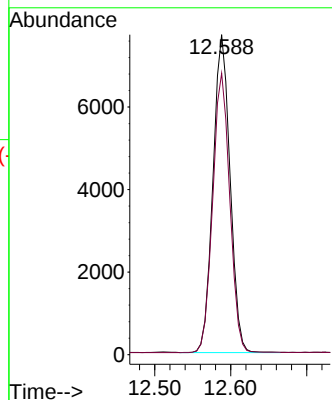
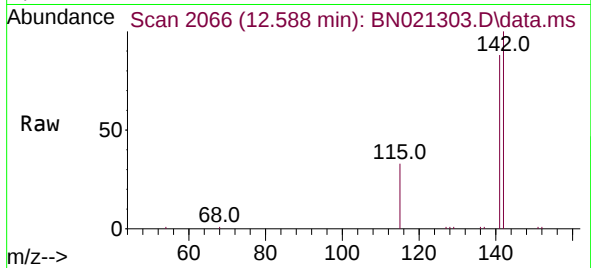




#7
2-Methylnaphthalene
Concen: 0.811 ng/ul
RT: 12.588 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

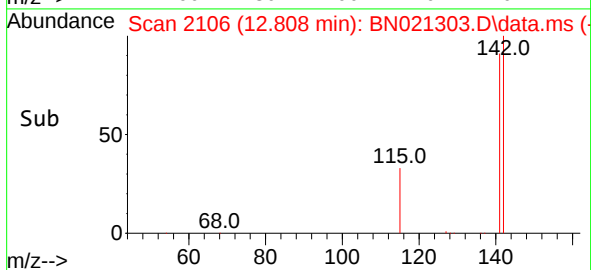
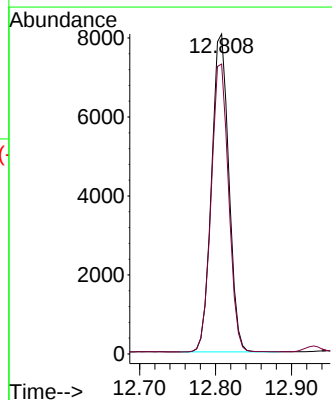
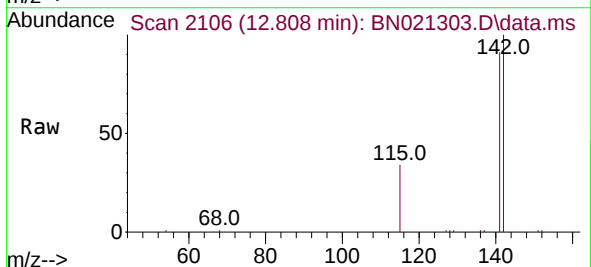
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

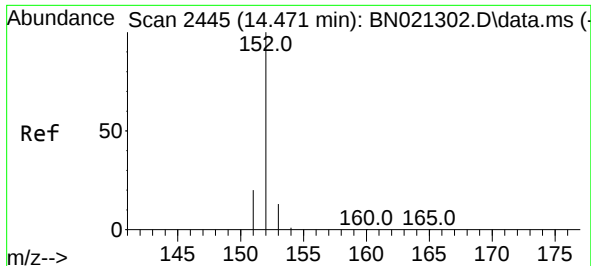
Tgt Ion:142 Resp: 12004
Ion Ratio Lower Upper
142 100
141 88.1 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.858 ng/ul
RT: 12.808 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

Tgt Ion:142 Resp: 12704
Ion Ratio Lower Upper
142 100
141 91.5 73.9 110.9

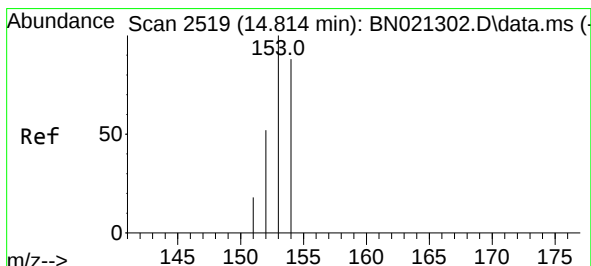
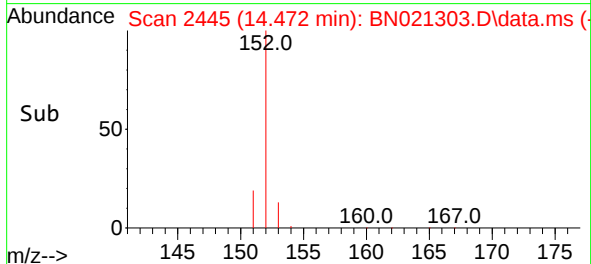
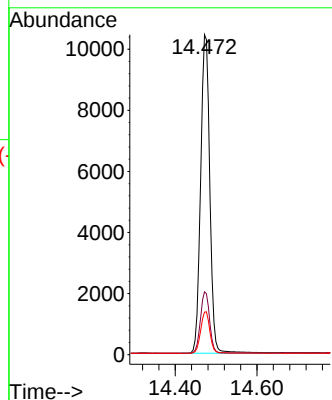
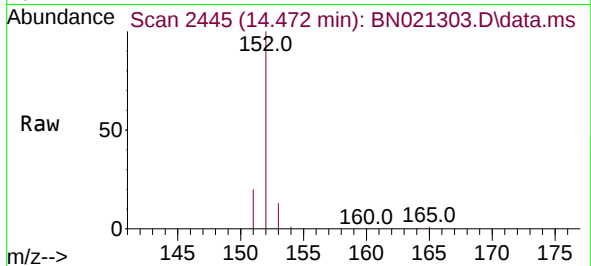




#10
Acenaphthylene
Concen: 0.833 ng/ul
RT: 14.472 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

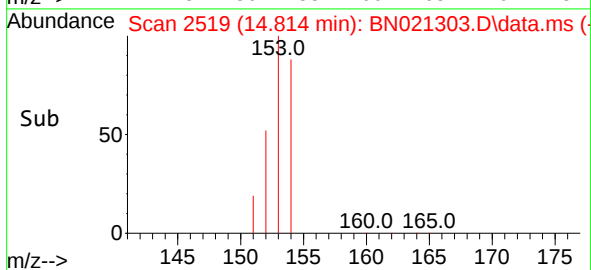
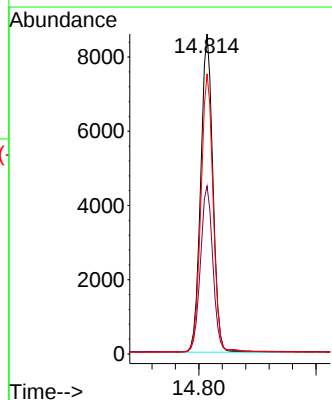
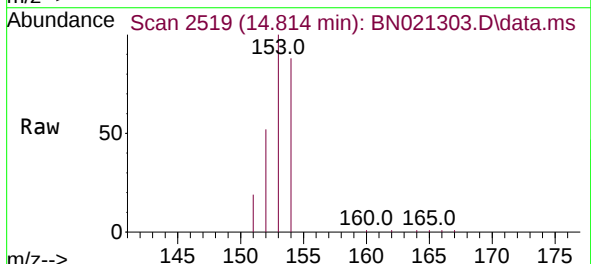
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

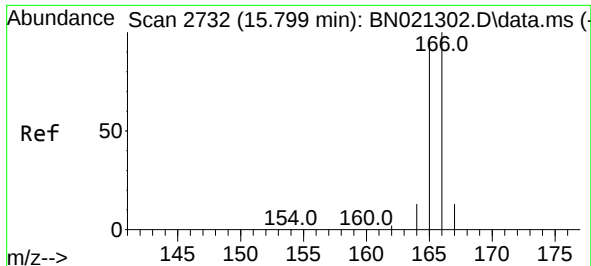
Tgt Ion:152	Resp:	16233
Ion Ratio	Lower	Upper
152	100	
151	19.7	16.9 25.3
153	13.3	11.2 16.8



#11
Acenaphthene
Concen: 0.766 ng/ul
RT: 14.814 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

Tgt Ion:153	Resp:	12351
Ion Ratio	Lower	Upper
153	100	
152	52.5	40.2 60.4
154	87.6	70.7 106.1

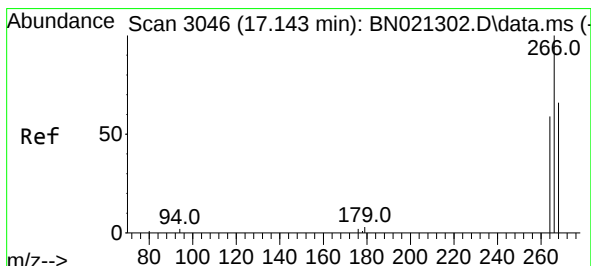
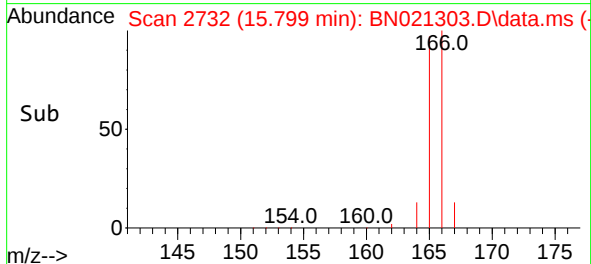
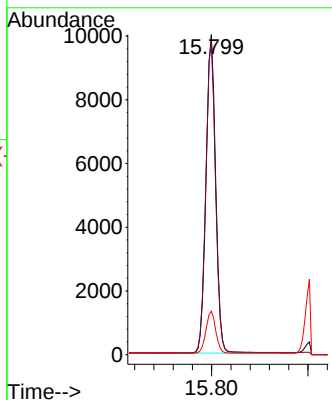
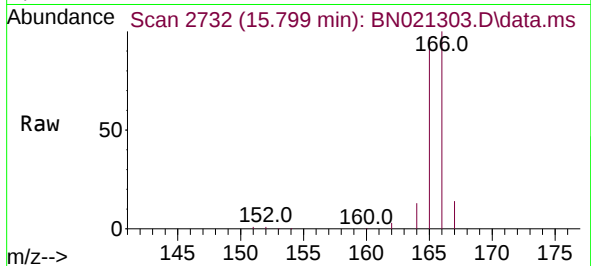




#12
Fluorene
Concen: 0.788 ng/ul
RT: 15.799 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

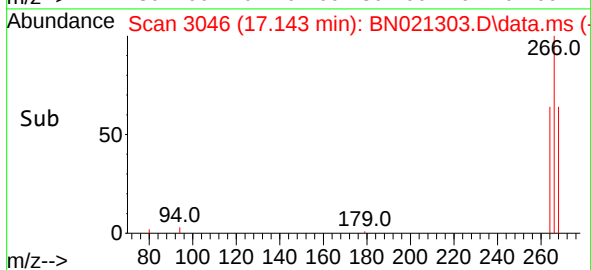
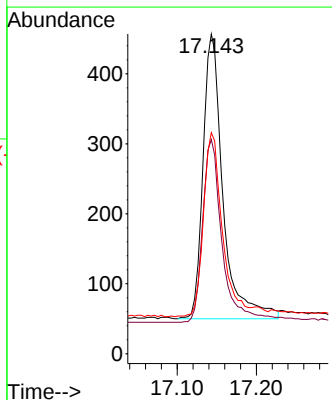
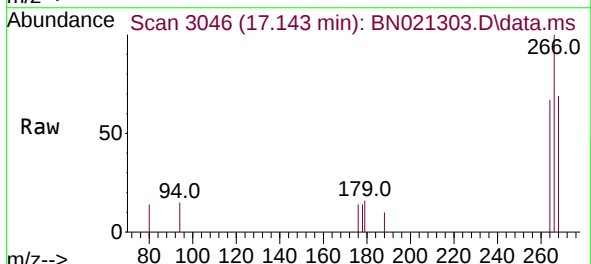
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

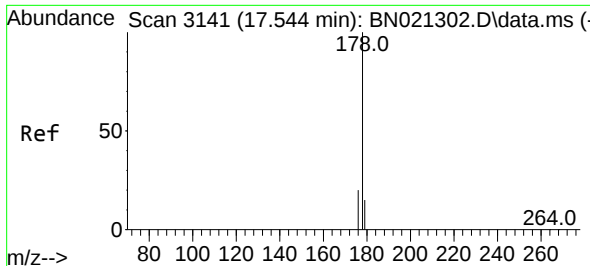
Tgt Ion:166 Resp: 13889
Ion Ratio Lower Upper
166 100
165 97.4 78.6 117.8
167 13.6 11.8 17.6



#14
Pentachlorophenol
Concen: 0.560 ng/ul
RT: 17.143 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

Tgt Ion:266 Resp: 712
Ion Ratio Lower Upper
266 100
264 62.8 49.8 74.8
268 63.2 50.6 75.8

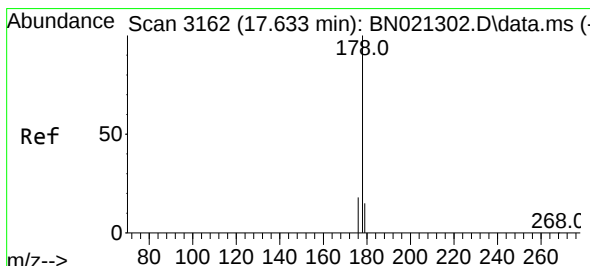
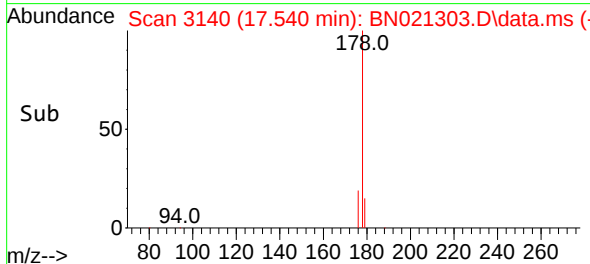
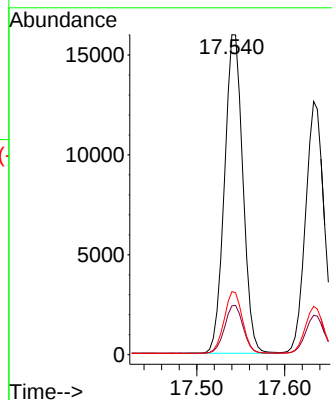
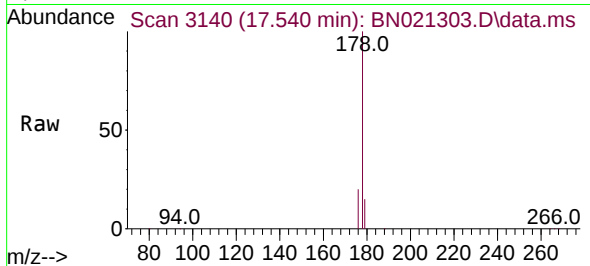




#15
Phenanthrene
Concen: 0.785 ng/ul
RT: 17.540 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

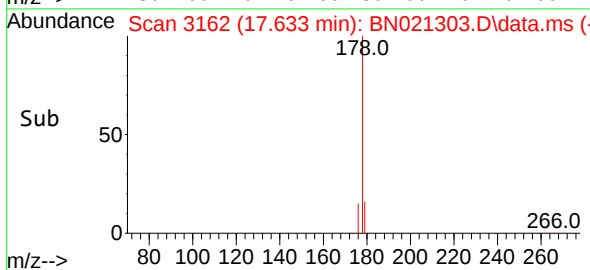
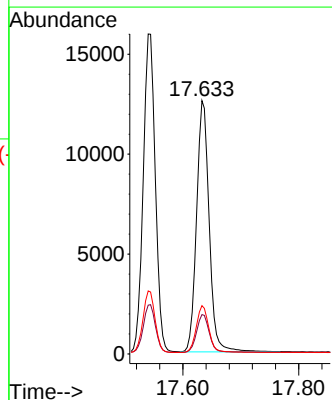
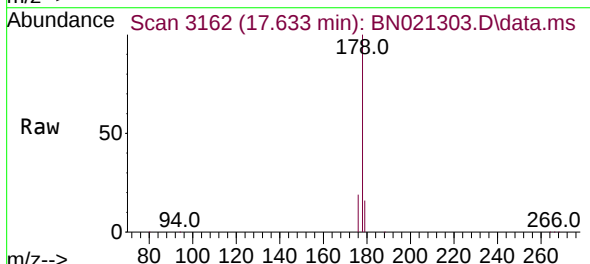
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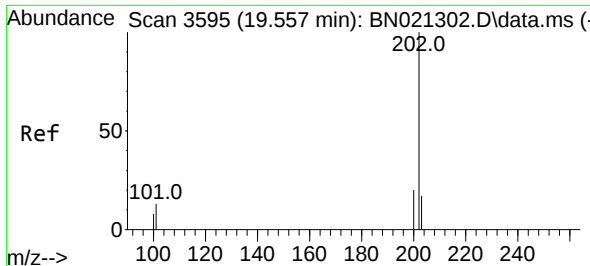
Tgt Ion:178 Resp: 23162
Ion Ratio Lower Upper
178 100
179 15.2 12.8 19.2
176 19.7 15.9 23.9



#16
Anthracene
Concen: 0.830 ng/ul
RT: 17.633 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

Tgt Ion:178 Resp: 18964
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.1 15.9 23.9

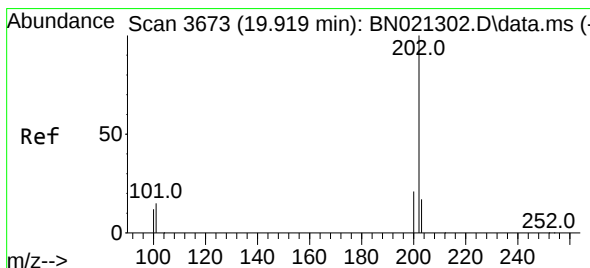
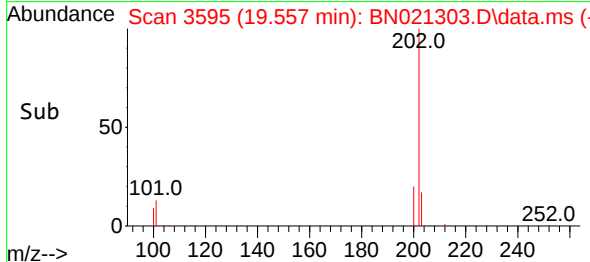
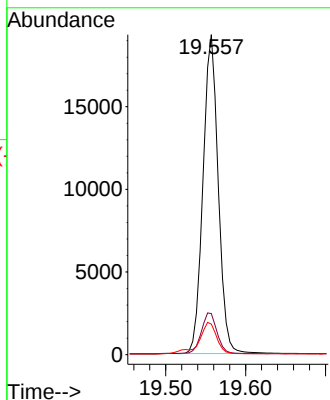
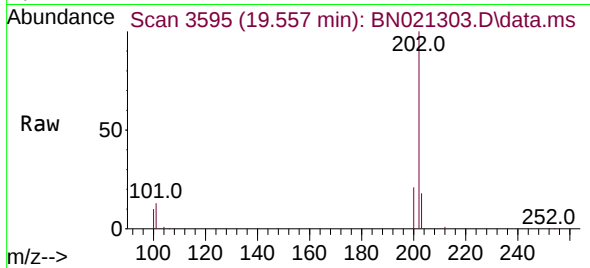




#19
Fluoranthene
Concen: 0.810 ng/ul
RT: 19.557 min Scan# 3595
Delta R.T. 0.000 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

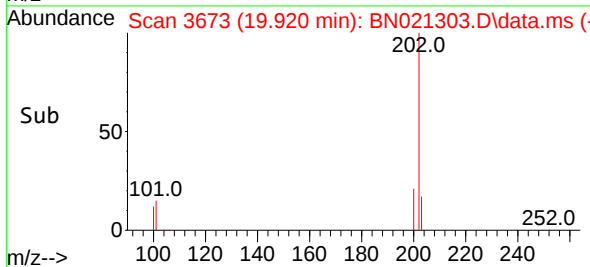
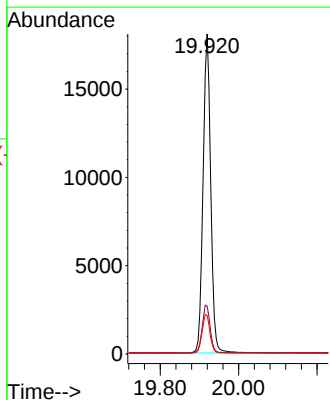
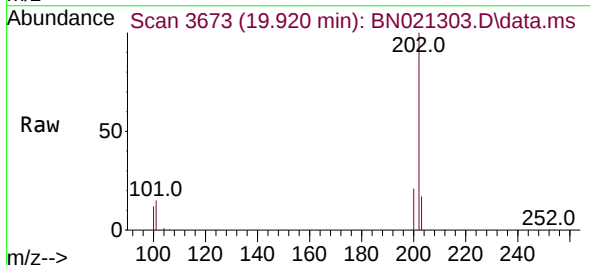
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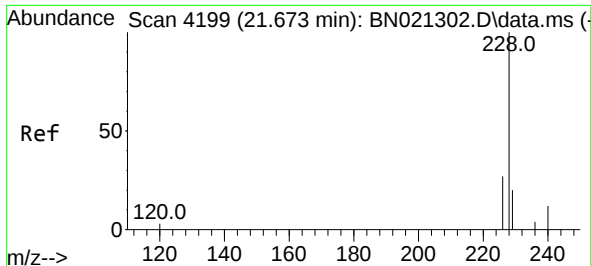
Tgt Ion:202 Resp: 25566
Ion Ratio Lower Upper
202 100
101 12.9 10.0 15.0
100 9.6 8.0 12.0



#20
Pyrene
Concen: 0.754 ng/ul
RT: 19.920 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

Tgt Ion:202 Resp: 24554
Ion Ratio Lower Upper
202 100
101 14.9 11.3 16.9
100 12.1 9.0 13.4

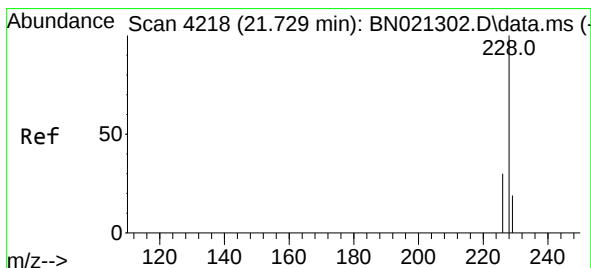
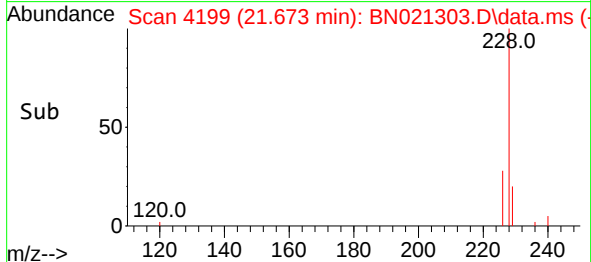
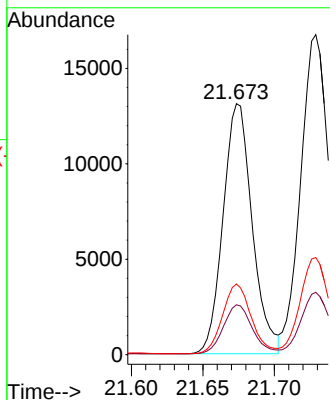
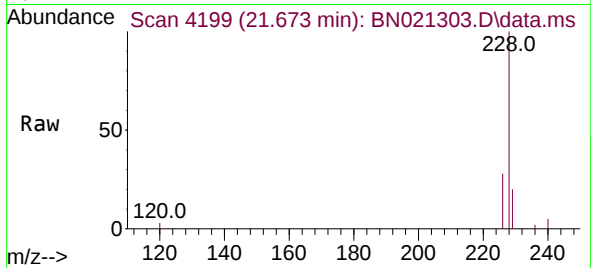




#21
Benzo(a)anthracene
Concen: 0.799 ng/ul
RT: 21.673 min Scan# 4199
Delta R.T. 0.000 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

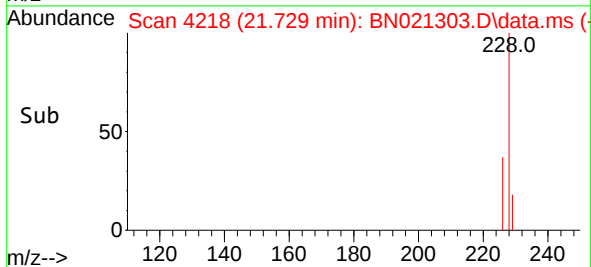
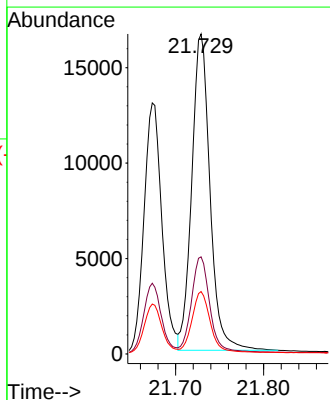
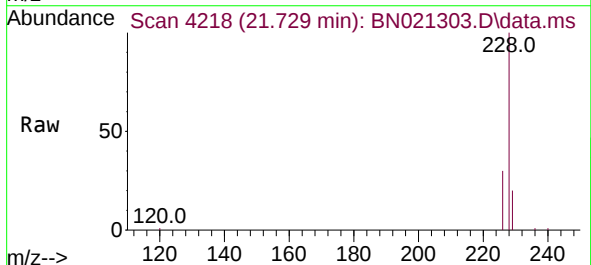
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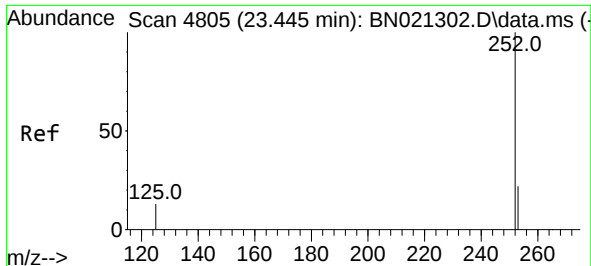
Tgt Ion:228 Resp: 18594
Ion Ratio Lower Upper
228 100
229 19.9 16.0 24.0
226 28.2 21.9 32.9



#22
Chrysene
Concen: 0.779 ng/ul
RT: 21.729 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

Tgt Ion:228 Resp: 23862
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.5 15.8 23.8

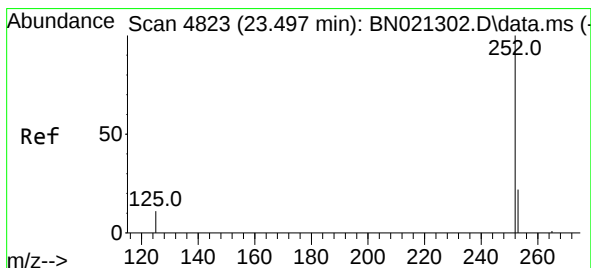
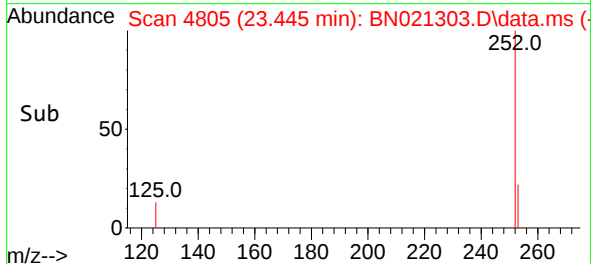
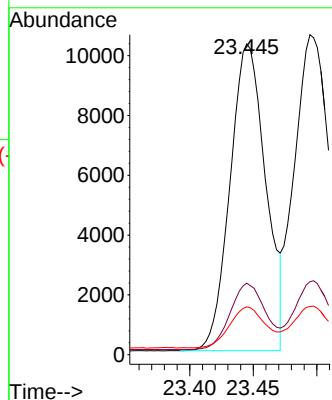
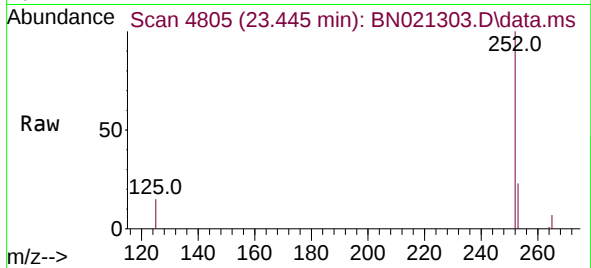




#24
Benzo(b)fluoranthene
Concen: 0.720 ng/ul
RT: 23.445 min Scan# 4805
Delta R.T. 0.000 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

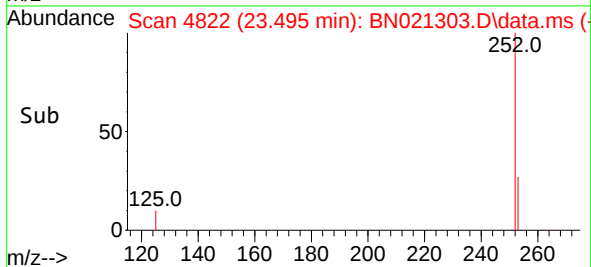
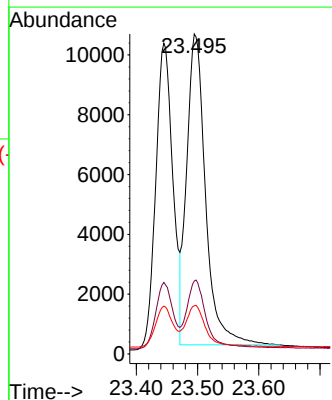
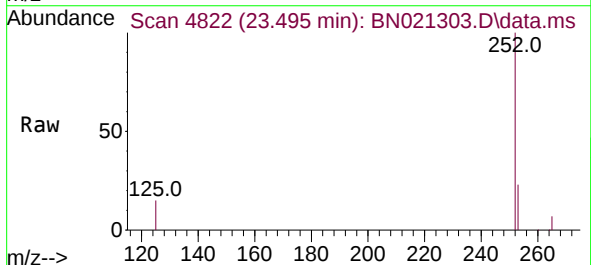
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

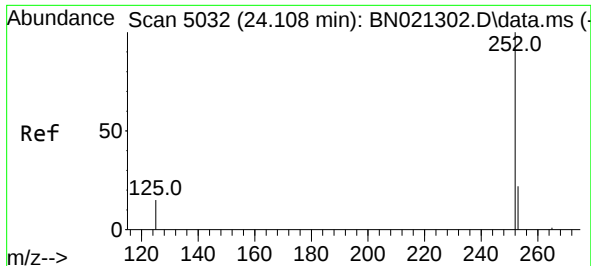
Tgt Ion:252	Resp:	20035
Ion Ratio	Lower	Upper
252	100	
253	23.0	0.0 50.8
125	15.4	0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.760 ng/ul
RT: 23.495 min Scan# 4822
Delta R.T. -0.003 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

Tgt Ion:252	Resp:	22323
Ion Ratio	Lower	Upper
252	100	
253	22.8	20.6 31.0
125	15.1	11.8 17.6

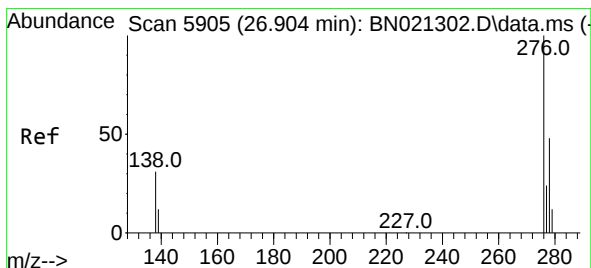
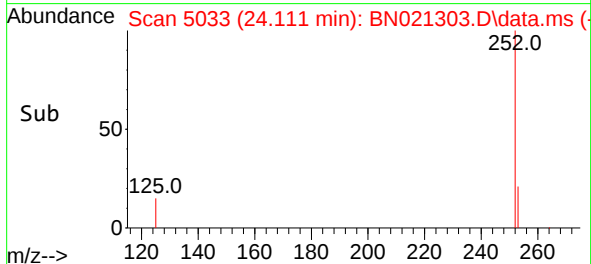
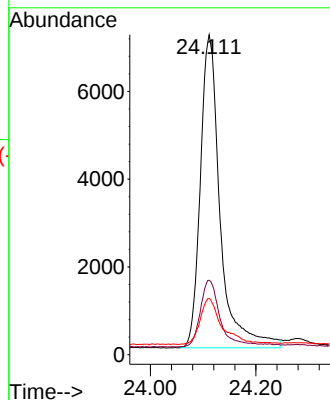
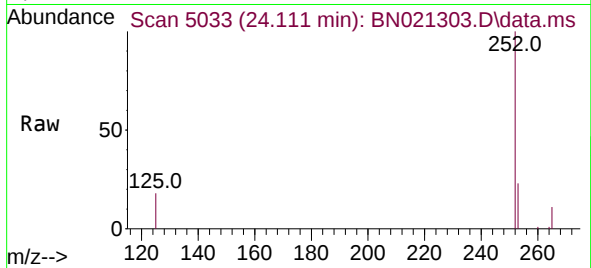




#26
Benzo(a)pyrene
Concen: 0.733 ng/ul
RT: 24.111 min Scan# 5033
Delta R.T. 0.003 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

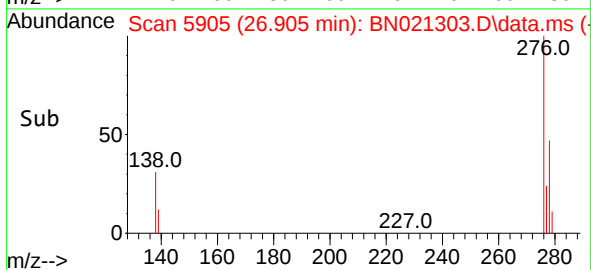
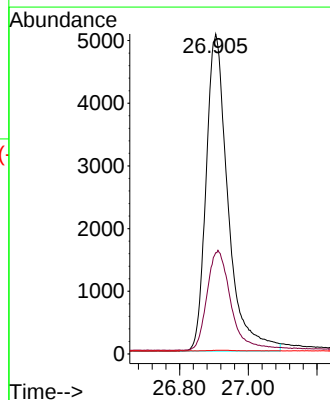
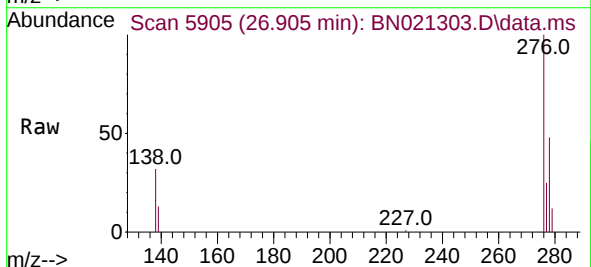
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

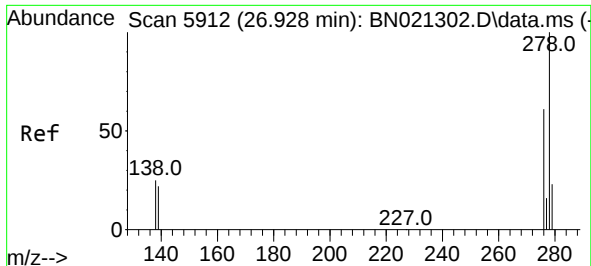
Tgt Ion:252 Resp: 18598
Ion Ratio Lower Upper
252 100
253 23.2 22.1 33.1
125 17.6 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.739 ng/ul
RT: 26.905 min Scan# 5905
Delta R.T. 0.001 min
Lab File: BN021303.D
Acq: 22 Aug 2022 16:17

Tgt Ion:276 Resp: 22400
Ion Ratio Lower Upper
276 100
138 34.3 26.1 39.1
227 0.0 0.1 0.1#

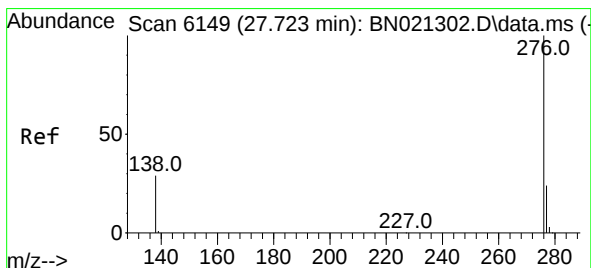
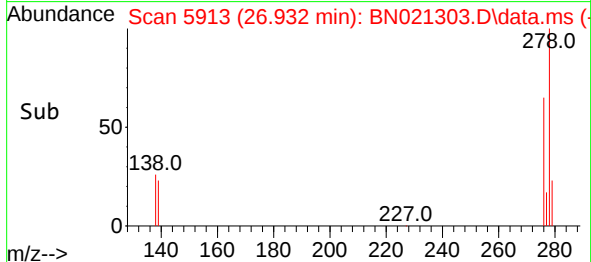
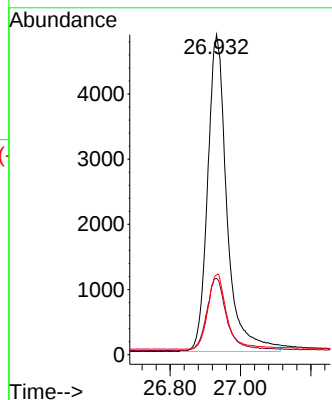
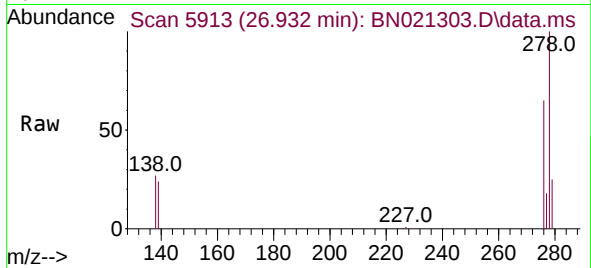




#28
 Dibenzo(a,h)anthracene
 Concen: 0.774 ng/ul
 RT: 26.932 min Scan# 5912
 Delta R.T. 0.004 min
 Lab File: BN021303.D
 Acq: 22 Aug 2022 16:17

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8240

Tgt Ion:278 Resp: 18524
 Ion Ratio Lower Upper
 278 100
 139 23.9 18.3 27.5
 279 24.9 23.9 35.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.804 ng/ul
 RT: 27.723 min Scan# 6149
 Delta R.T. 0.001 min
 Lab File: BN021303.D
 Acq: 22 Aug 2022 16:17

Tgt Ion:276 Resp: 21732
 Ion Ratio Lower Upper
 276 100
 138 29.0 22.6 34.0
 277 24.6 20.2 30.2

