

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082222\
 Data File : BN021305.D
 Acq On : 22 Aug 2022 17:32
 Operator : CG/JU
 Sample : SSTD3.239
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2242

Quant Time: Aug 22 18:00:51 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)

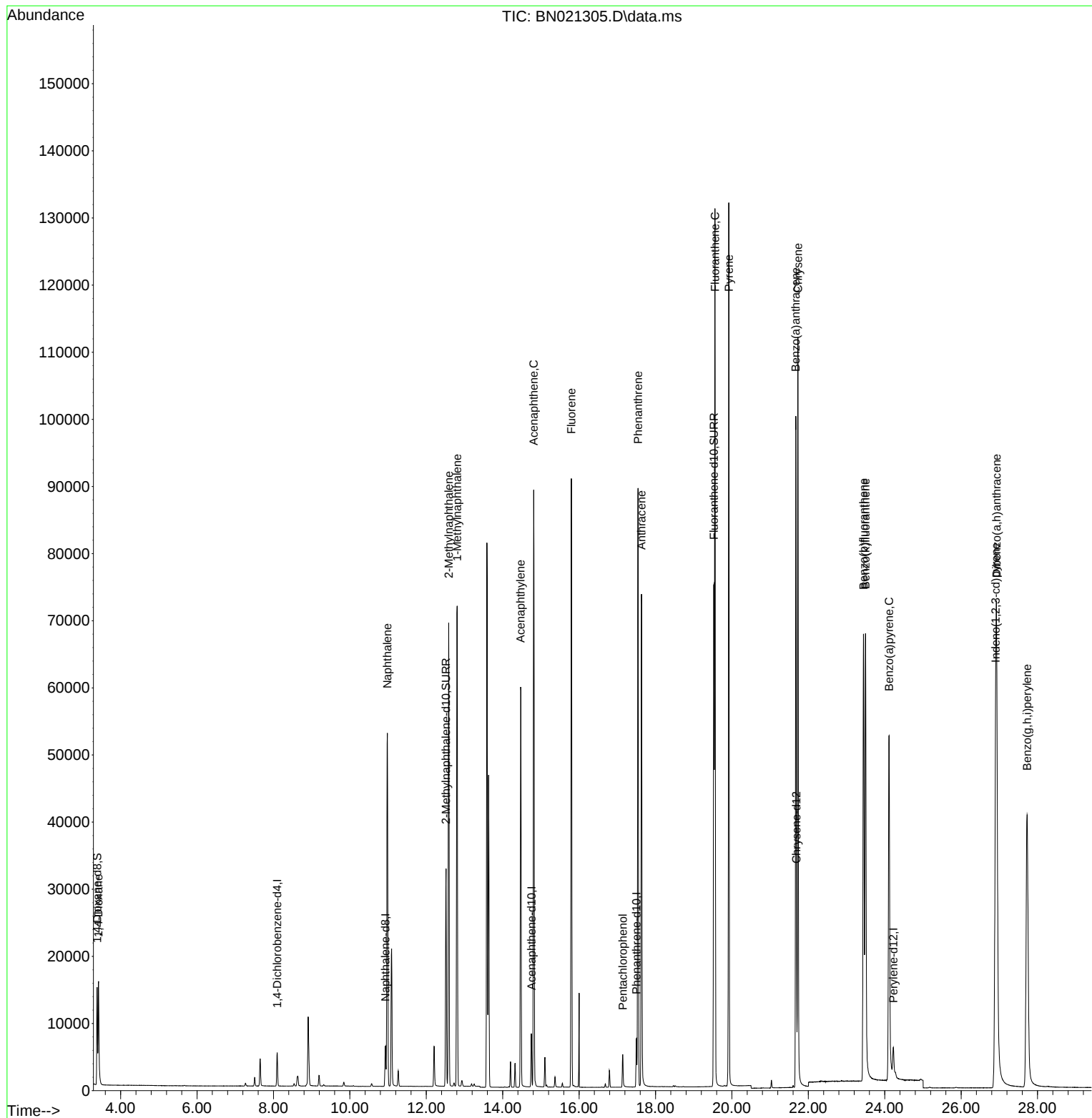
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	2599	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	8295	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.754	164	4389	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	8473	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	8255	0.400	ng/ul #	0.00
23) Perylene-d12	24.225	264	6576	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	10482	3.152	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.516	152	41279	3.396	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	79950	3.136	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.422	88	11149	3.255	ng/ul#	86
5) Naphthalene	10.982	128	73858	2.899	ng/ul	96
7) 2-Methylnaphthalene	12.588	142	48039	3.108	ng/ul	98
8) 1-Methylnaphthalene	12.808	142	50561	3.270	ng/ul	99
10) Acenaphthylene	14.471	152	68104	3.318	ng/ul	98
11) Acenaphthene	14.814	153	49907	2.940	ng/ul	99
12) Fluorene	15.799	166	57472	3.098	ng/ul	99
14) Pentachlorophenol	17.143	266	3417	2.615	ng/ul	99
15) Phenanthrene	17.544	178	92127	3.040	ng/ul	98
16) Anthracene	17.633	178	81732	3.481	ng/ul	98
19) Fluoranthene	19.557	202	107699	2.948	ng/ul	99
20) Pyrene	19.919	202	103766	2.751	ng/ul	98
21) Benzo(a)anthracene	21.673	228	89343	3.317	ng/ul	99
22) Chrysene	21.729	228	101466	2.861	ng/ul	99
24) Benzo(b)fluoranthene	23.445	252	93656	3.076	ng/ul	94
25) Benzo(k)fluoranthene	23.497	252	100496	3.128	ng/ul	95
26) Benzo(a)pyrene	24.114	252	89454	3.221	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.901	276	110772	3.341	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.928	278	92087	3.515	ng/ul#	93
29) Benzo(g,h,i)perylene	27.726	276	102005	3.448	ng/ul	98

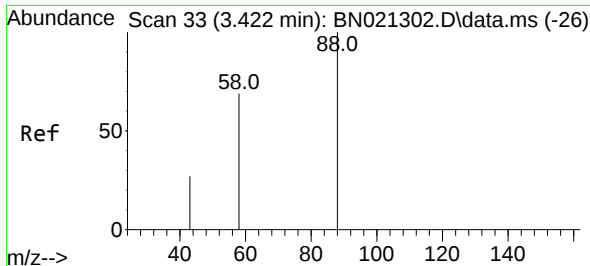
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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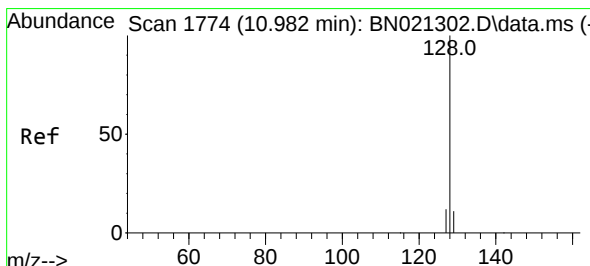
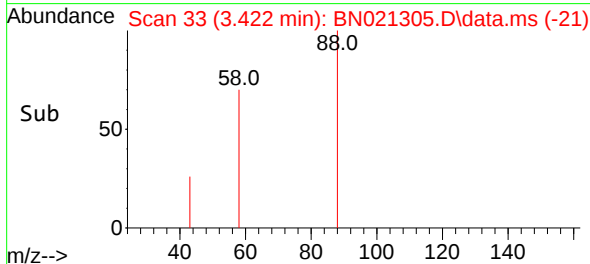
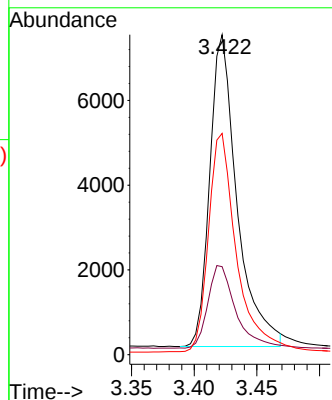
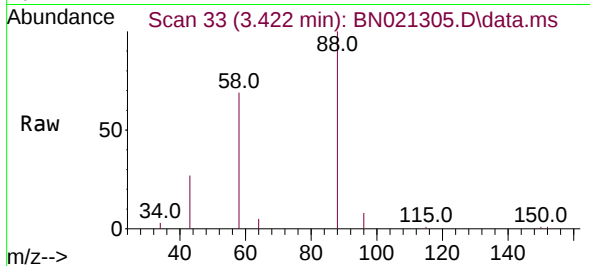




#2
1,4-Dioxane
Concen: 3.255 ng/ul
RT: 3.422 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

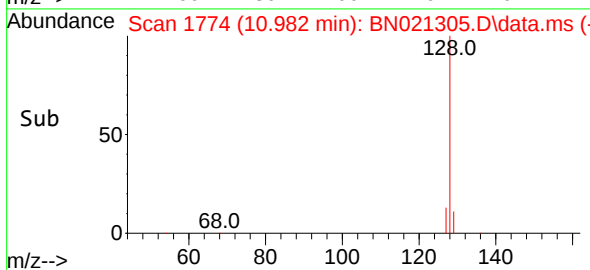
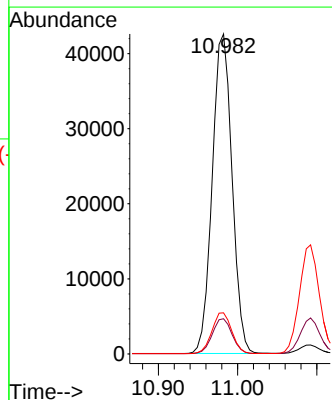
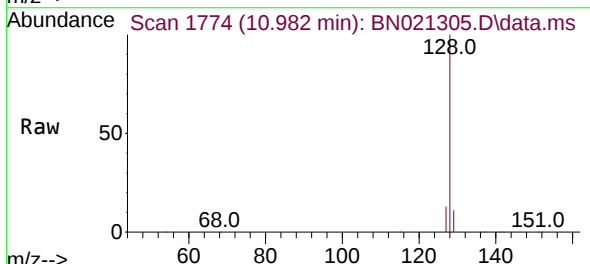
Instrument :
BNA_N
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SSTD3.2242

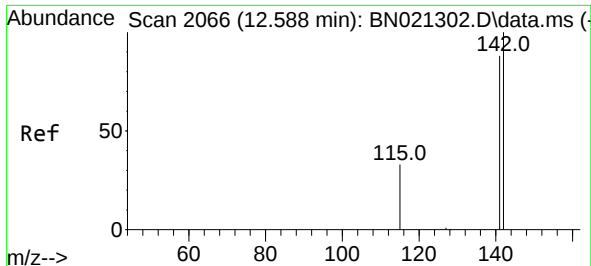
Tgt Ion: 88 Resp: 11149
Ion Ratio Lower Upper
88 100
43 27.5 31.4 47.0#
58 69.1 49.0 73.6



#5
Naphthalene
Concen: 2.899 ng/ul
RT: 10.982 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

Tgt Ion:128 Resp: 73858
Ion Ratio Lower Upper
128 100
129 11.0 9.8 14.6
127 12.8 11.6 17.4

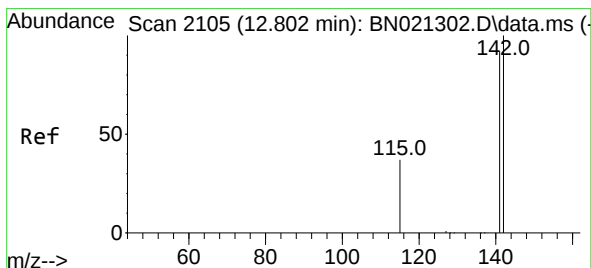
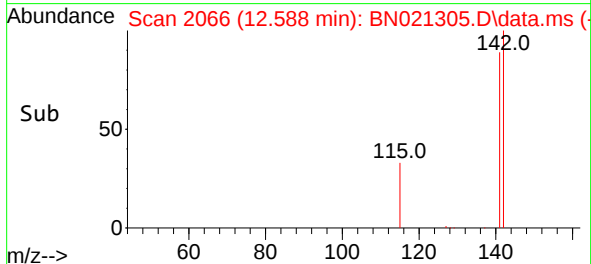
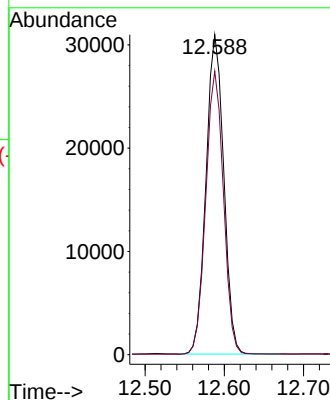
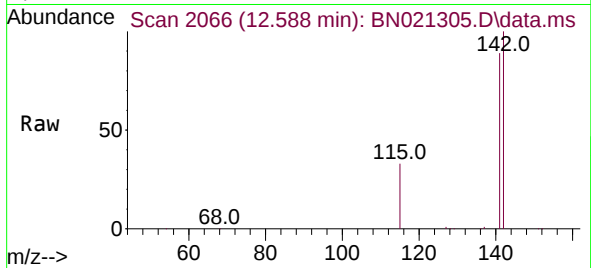




#7
2-Methylnaphthalene
Concen: 3.108 ng/ul
RT: 12.588 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

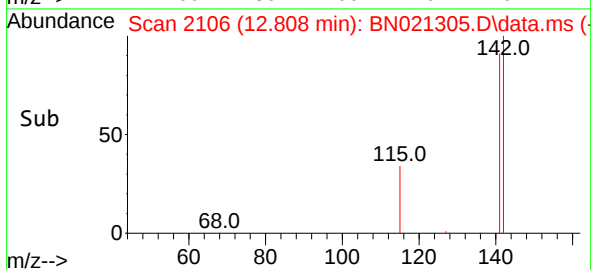
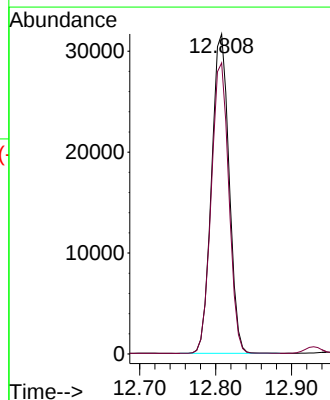
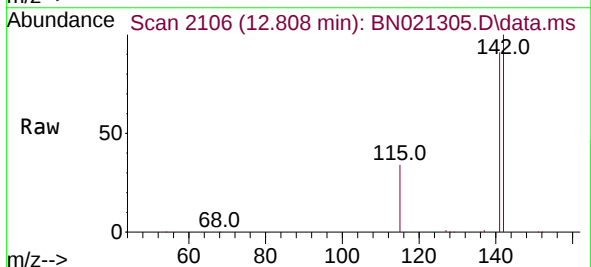
Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

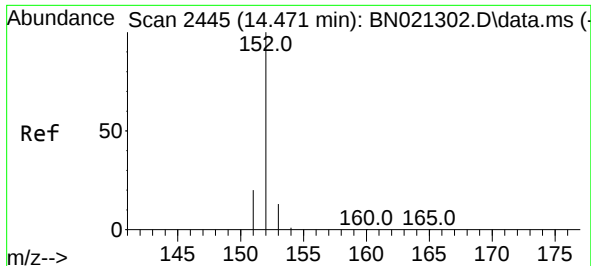
Tgt Ion:142 Resp: 48039
Ion Ratio Lower Upper
142 100
141 88.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 3.270 ng/ul
RT: 12.808 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

Tgt Ion:142 Resp: 50561
Ion Ratio Lower Upper
142 100
141 91.3 73.9 110.9

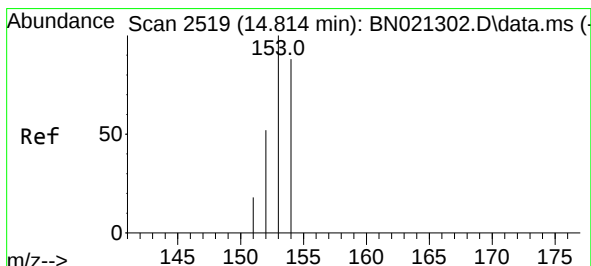
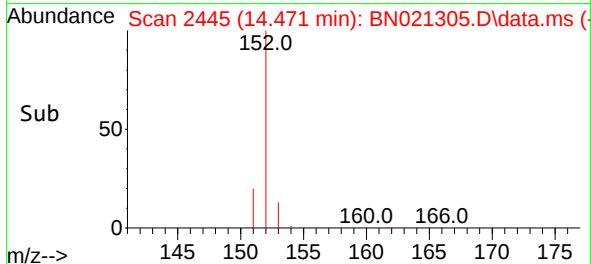
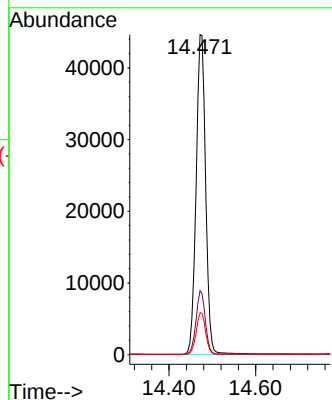
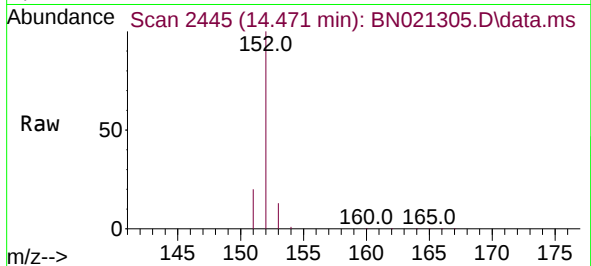




#10
Acenaphthylene
Concen: 3.318 ng/ul
RT: 14.471 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

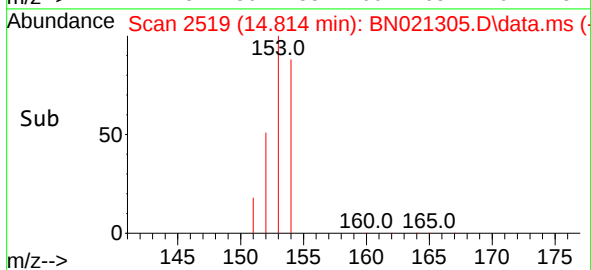
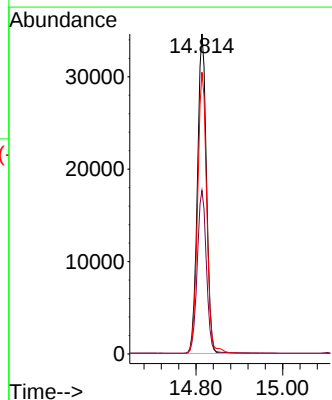
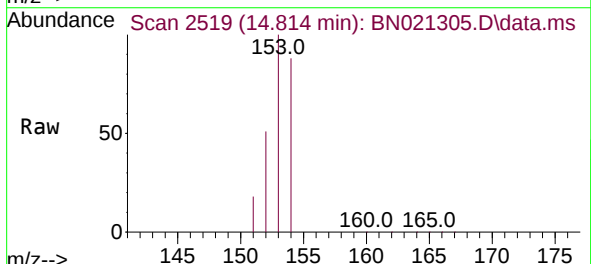
Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

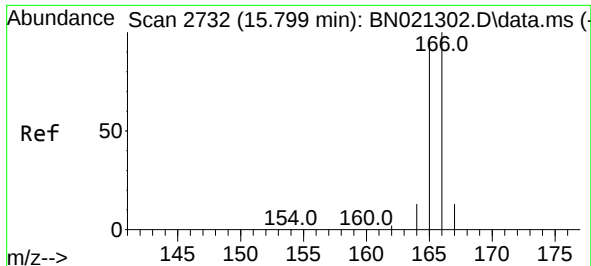
Tgt Ion:152 Resp: 68104
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 13.1 11.2 16.8



#11
Acenaphthene
Concen: 2.940 ng/ul
RT: 14.814 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

Tgt Ion:153 Resp: 49907
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 88.0 70.7 106.1

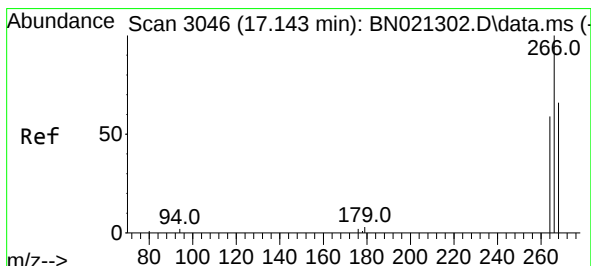
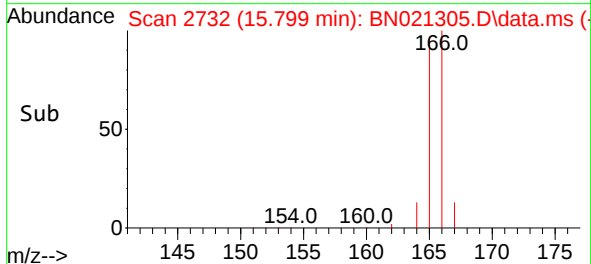
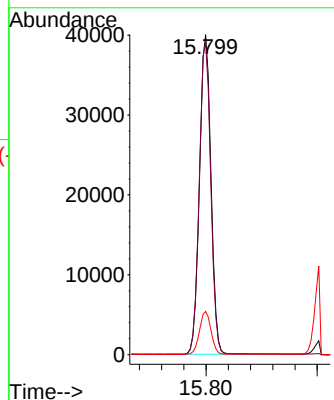
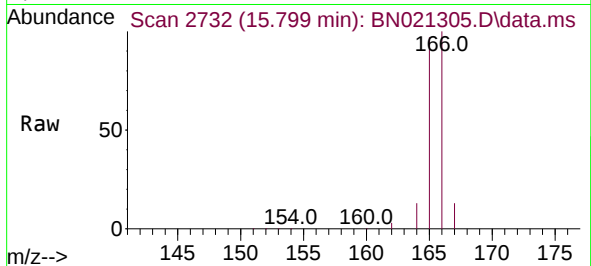




#12
 Fluorene
 Concen: 3.098 ng/ul
 RT: 15.799 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN021305.D
 Acq: 22 Aug 2022 17:32

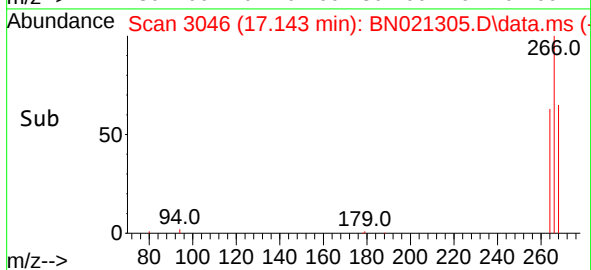
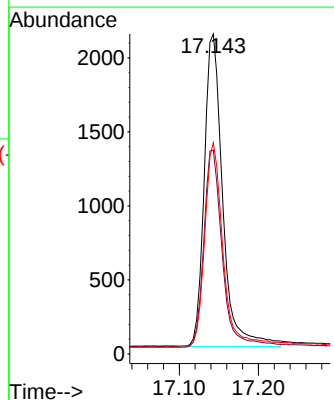
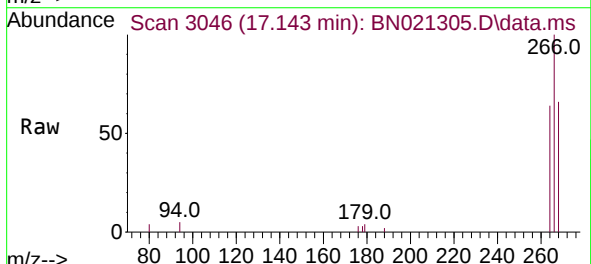
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 ClientSampleId :
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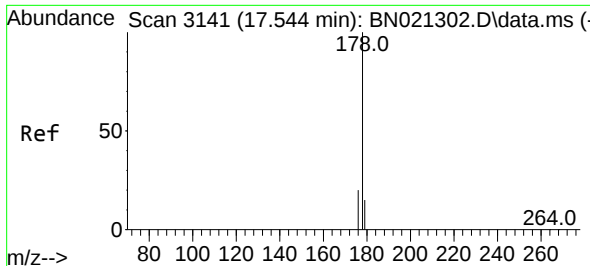
Tgt Ion:166 Resp: 57472
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.6 117.8
 167 13.5 11.8 17.6



#14
 Pentachlorophenol
 Concen: 2.615 ng/ul
 RT: 17.143 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: BN021305.D
 Acq: 22 Aug 2022 17:32

Tgt Ion:266 Resp: 3417
 Ion Ratio Lower Upper
 266 100
 264 63.4 49.8 74.8
 268 64.4 50.6 75.8

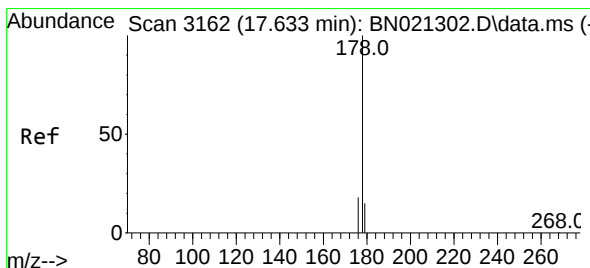
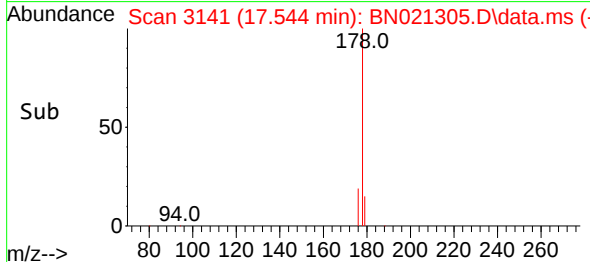
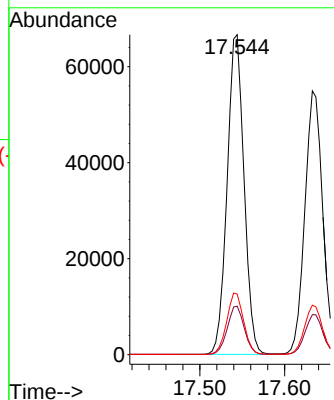
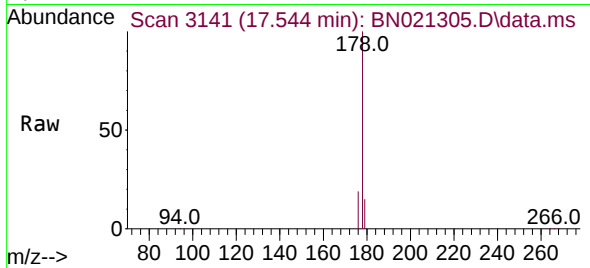




#15
Phenanthrene
Concen: 3.040 ng/u1
RT: 17.544 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

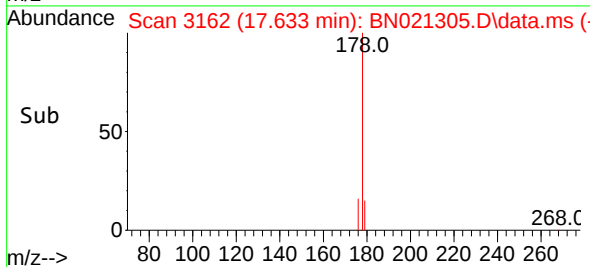
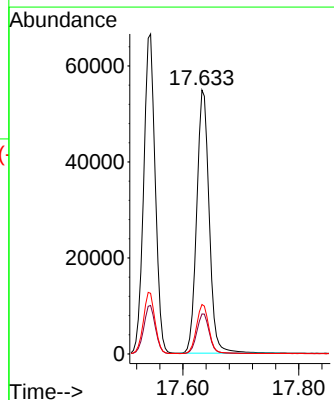
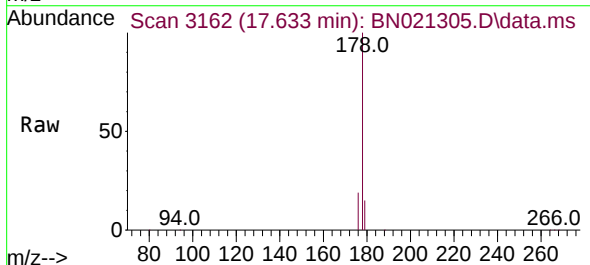
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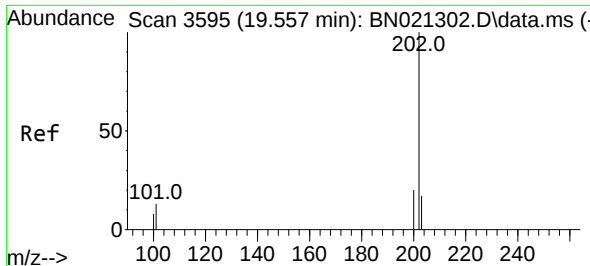
Tgt Ion:178 Resp: 92127
Ion Ratio Lower Upper
178 100
179 15.2 12.8 19.2
176 19.0 15.9 23.9



#16
Anthracene
Concen: 3.481 ng/u1
RT: 17.633 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

Tgt Ion:178 Resp: 81732
Ion Ratio Lower Upper
178 100
179 15.2 12.9 19.3
176 18.7 15.9 23.9

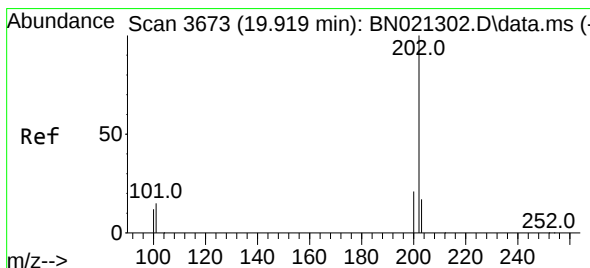
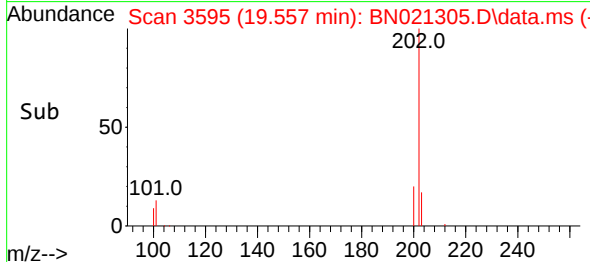
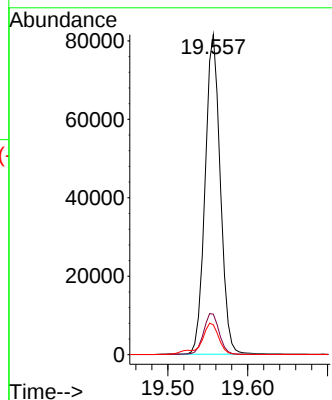
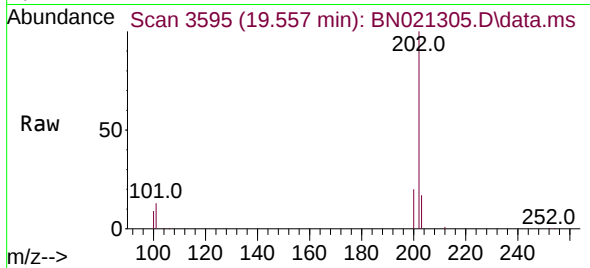




#19
Fluoranthene
Concen: 2.948 ng/u1
RT: 19.557 min Scan# 3595
Delta R.T. 0.000 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

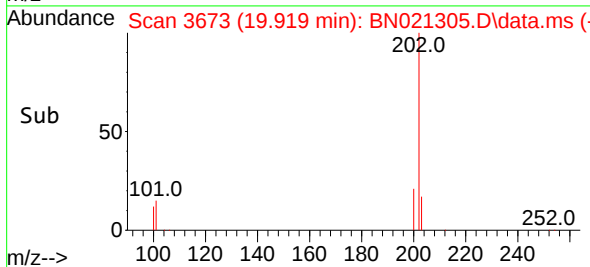
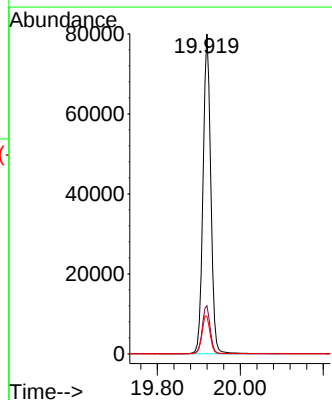
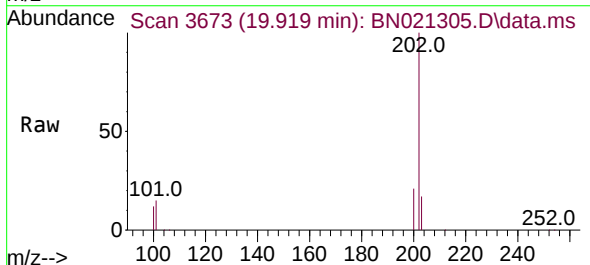
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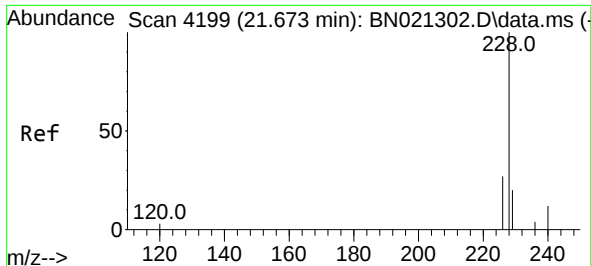
Tgt Ion:202 Resp: 107699
Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 9.3 8.0 12.0



#20
Pyrene
Concen: 2.751 ng/u1
RT: 19.919 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

Tgt Ion:202 Resp: 103766
Ion Ratio Lower Upper
202 100
101 15.0 11.3 16.9
100 11.9 9.0 13.4

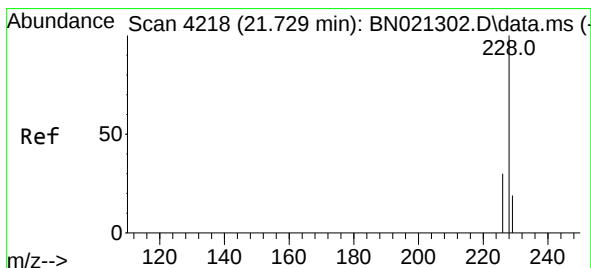
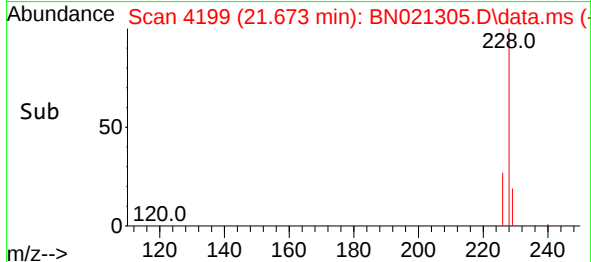
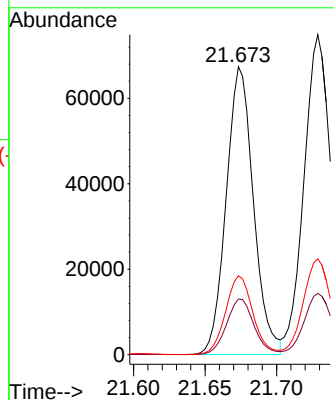
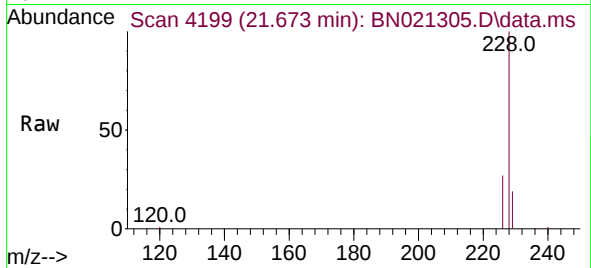




#21
Benzo(a)anthracene
Concen: 3.317 ng/ul
RT: 21.673 min Scan# 4199
Delta R.T. 0.000 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

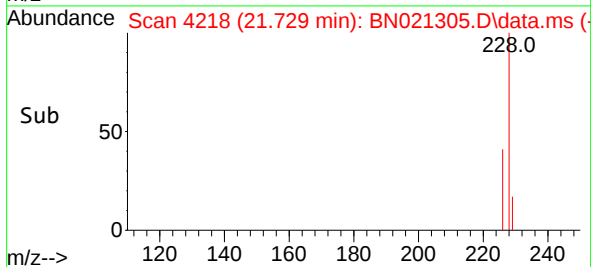
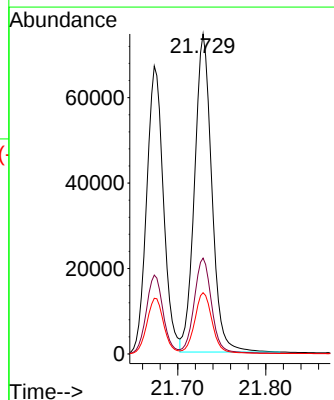
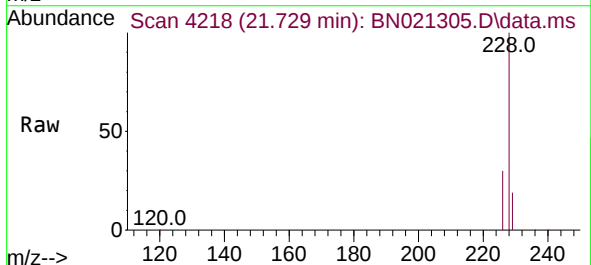
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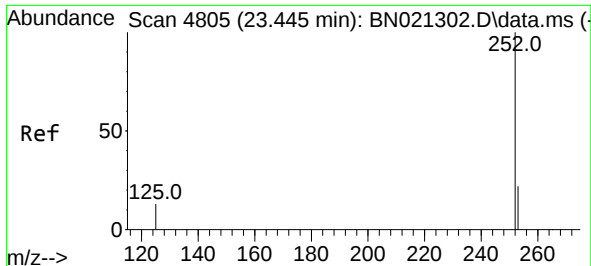
Tgt Ion:228 Resp: 89343
Ion Ratio Lower Upper
228 100
229 19.4 16.0 24.0
226 27.4 21.9 32.9



#22
Chrysene
Concen: 2.861 ng/ul
RT: 21.729 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

Tgt Ion:228 Resp: 101466
Ion Ratio Lower Upper
228 100
226 29.9 24.6 37.0
229 19.2 15.8 23.8

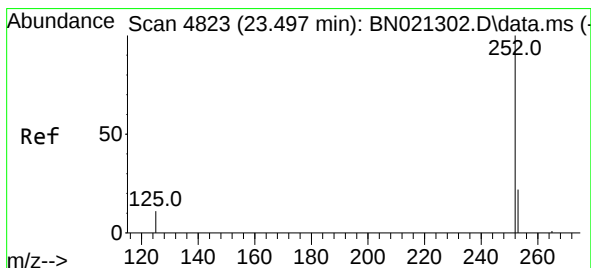
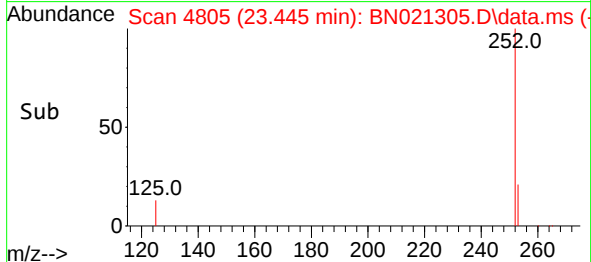
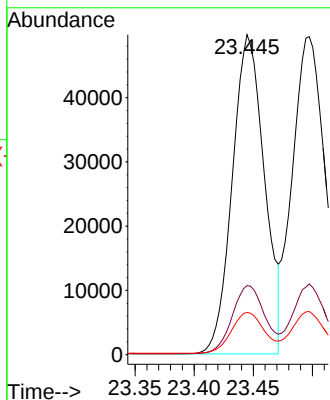
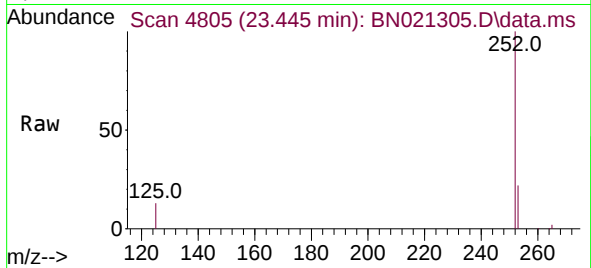




#24
Benzo(b)fluoranthene
Concen: 3.076 ng/ul
RT: 23.445 min Scan# 4805
Delta R.T. 0.000 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

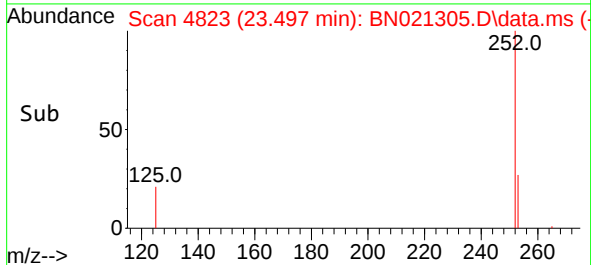
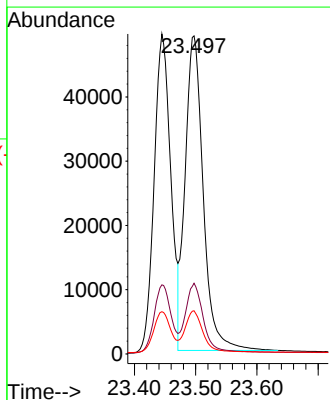
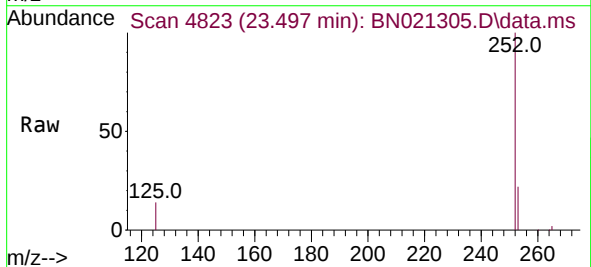
Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

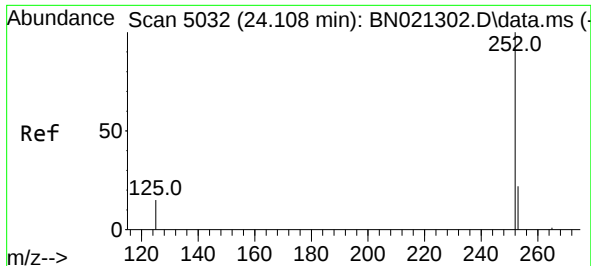
Tgt Ion:252 Resp: 93656
Ion Ratio Lower Upper
252 100
253 21.6 0.0 50.8
125 13.2 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 3.128 ng/ul
RT: 23.497 min Scan# 4823
Delta R.T. 0.000 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

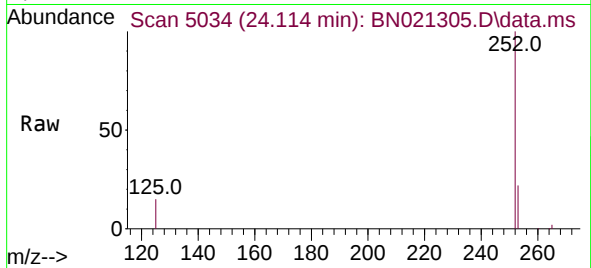
Tgt Ion:252 Resp: 100496
Ion Ratio Lower Upper
252 100
253 22.2 20.6 31.0
125 13.6 11.8 17.6



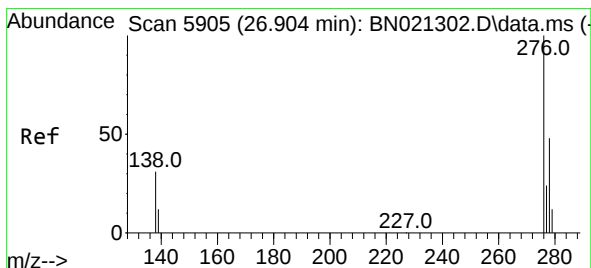
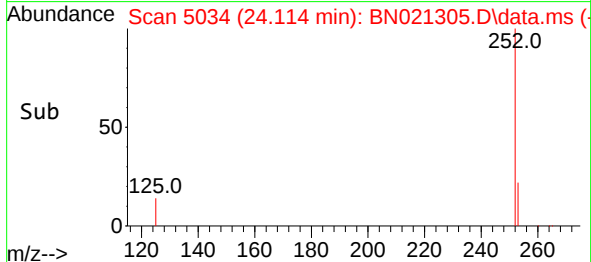
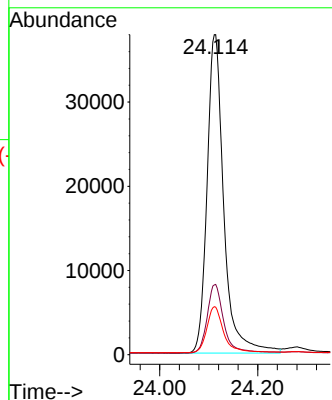


#26
Benzo(a)pyrene
Concen: 3.221 ng/ul
RT: 24.114 min Scan# 5034
Delta R.T. 0.006 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

Instrument :
BNA_N
ClientSampleId :
SSTD3.2242

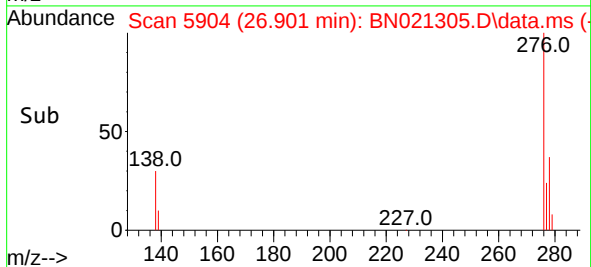
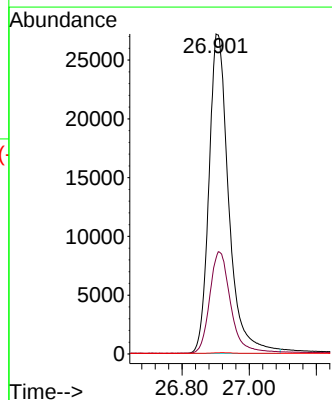
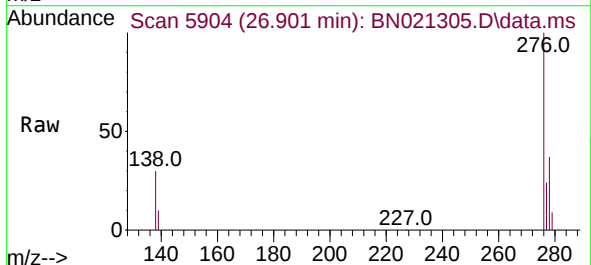


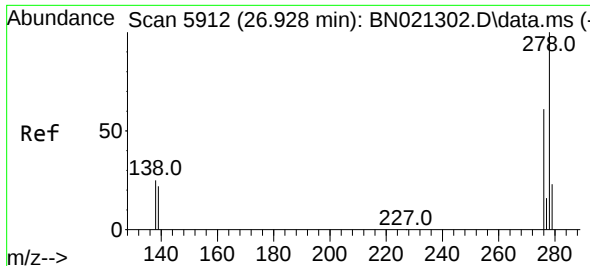
Tgt Ion:252 Resp: 89454
Ion Ratio Lower Upper
252 100
253 21.9 22.1 33.1#
125 14.9 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.341 ng/ul
RT: 26.901 min Scan# 5904
Delta R.T. -0.003 min
Lab File: BN021305.D
Acq: 22 Aug 2022 17:32

Tgt Ion:276 Resp: 110772
Ion Ratio Lower Upper
276 100
138 33.7 26.1 39.1
227 0.2 0.1 0.1#

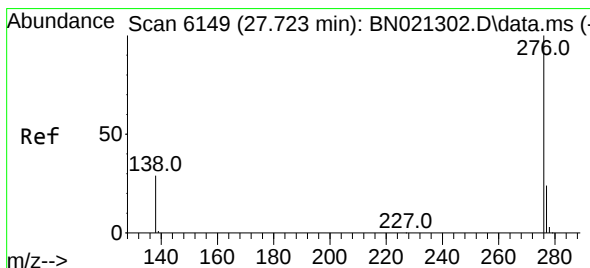
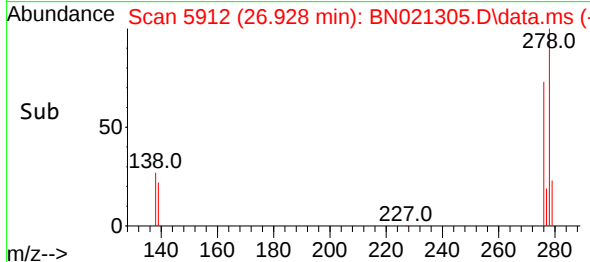
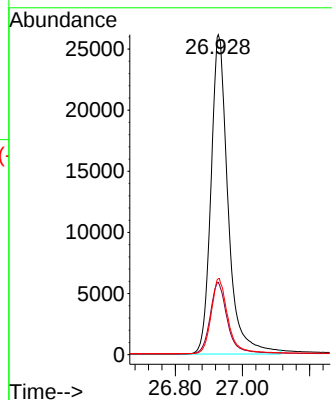
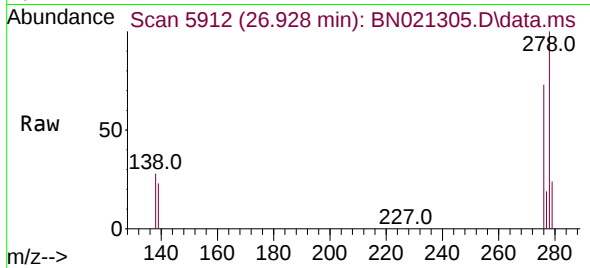




#28
 Dibenzo(a,h)anthracene
 Concen: 3.515 ng/ul
 RT: 26.928 min Scan# 5912
 Delta R.T. 0.000 min
 Lab File: BN021305.D
 Acq: 22 Aug 2022 17:32

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2242

Tgt Ion: 278 Resp: 92087
 Ion Ratio Lower Upper
 278 100
 139 22.6 18.3 27.5
 279 23.8 23.9 35.9#



#29
 Benzo(g,h,i)perylene
 Concen: 3.448 ng/ul
 RT: 27.726 min Scan# 6150
 Delta R.T. 0.003 min
 Lab File: BN021305.D
 Acq: 22 Aug 2022 17:32

Tgt Ion: 276 Resp: 102005
 Ion Ratio Lower Upper
 276 100
 138 28.9 22.6 34.0
 277 23.6 20.2 30.2

