

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020825.D
 Acq On : 25 Jul 2022 14:20
 Operator : CG/JU
 Sample : SST0.116
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1216

Quant Time: Jul 25 17:33:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:51:29 2022
 Response via : Initial Calibration

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

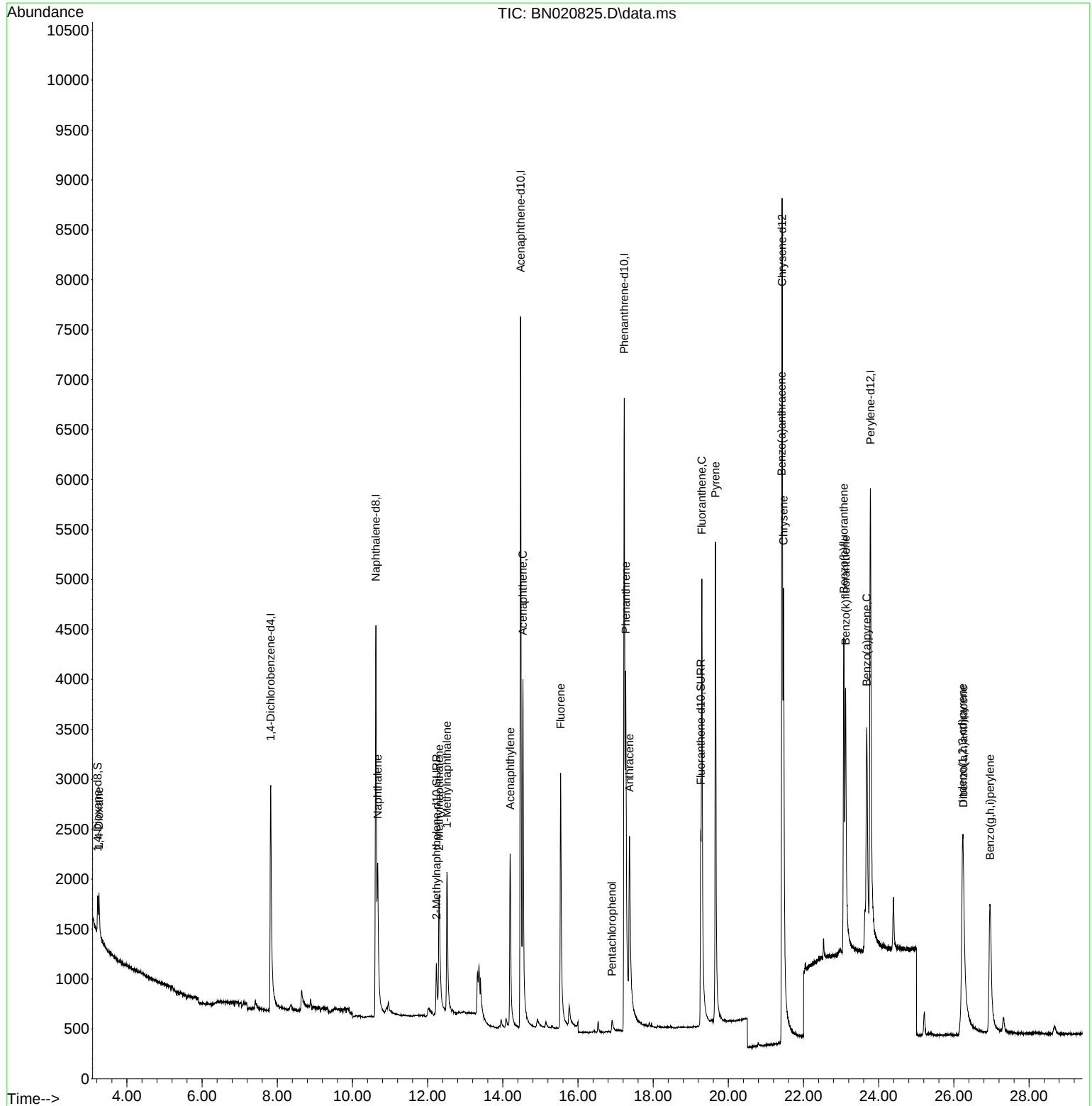
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	1991	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	7548	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	5146	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	10067	0.400	ng/ul	0.00
17) Chrysene-d12	21.431	240	9003	0.400	ng/ul	0.00
23) Perylene-d12	23.778	264	7744	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	302	0.131	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	1026	0.083	ng/ul	0.02
18) Fluoranthene-d10	19.267	212	3010	0.101	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.256	88	241	0.102	ng/ul#	70
5) Naphthalene	10.672	128	2538	0.109	ng/ul#	91
7) 2-Methylnaphthalene	12.306	142	1479	0.095	ng/ul	100
8) 1-Methylnaphthalene	12.515	142	1387	0.094	ng/ul	99
10) Acenaphthylene	14.197	152	2981	0.122	ng/ul	95
11) Acenaphthene	14.534	153	2500	0.128	ng/ul	99
12) Fluorene	15.538	166	2618	0.113	ng/ul#	97
14) Pentachlorophenol	16.905	266	158	0.078	ng/ul	96
15) Phenanthrene	17.272	178	4432	0.127	ng/ul	97
16) Anthracene	17.369	178	3342	0.111	ng/ul	95
19) Fluoranthene	19.295	202	5051	0.123	ng/ul#	95
20) Pyrene	19.657	202	5511	0.129	ng/ul	95
21) Benzo(a)anthracene	21.419	228	3267	0.101	ng/ul	98
22) Chrysene	21.469	228	4598	0.128	ng/ul	98
24) Benzo(b)fluoranthene	23.070	252	4356	0.122	ng/ul	77
25) Benzo(k)fluoranthene	23.117	252	4477	0.124	ng/ul#	85
26) Benzo(a)pyrene	23.681	252	4162	0.128	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	26.227	276	4080	0.126	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.250	278	3042	0.116	ng/ul#	82
29) Benzo(g,h,i)perylene	26.964	276	3888	0.140	ng/ul	93

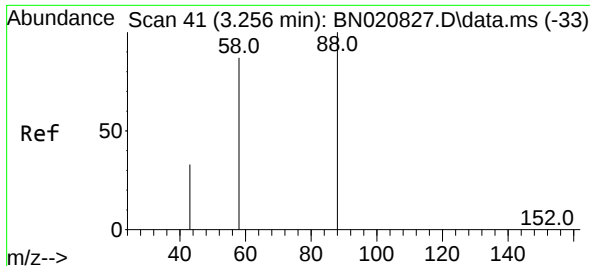
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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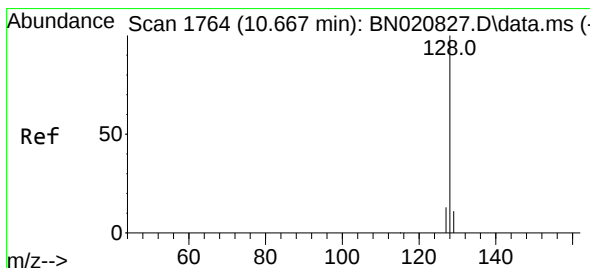
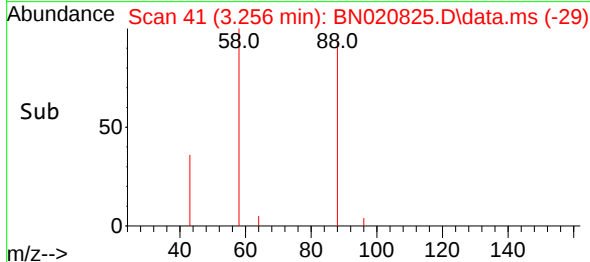
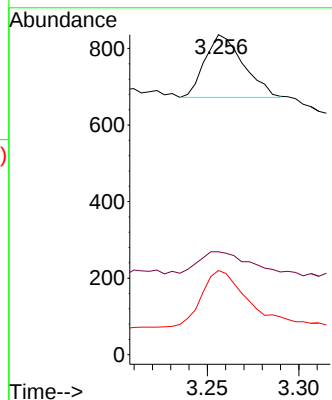
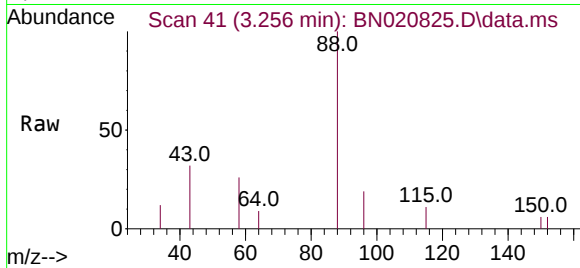




#2
1,4-Dioxane
Concen: 0.102 ng/ul
RT: 3.256 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

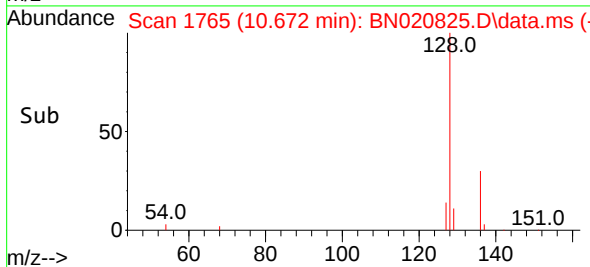
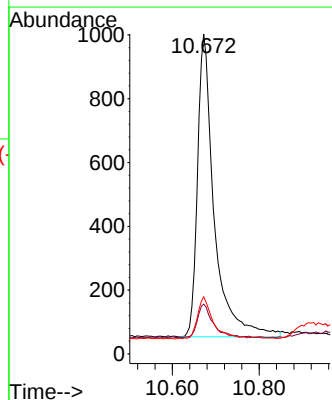
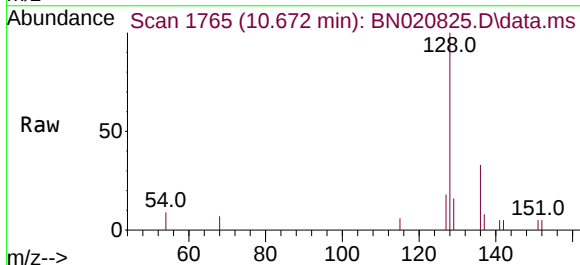
Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

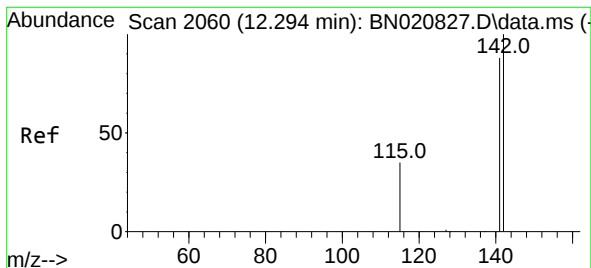
Tgt Ion: 88 Resp: 241
Ion Ratio Lower Upper
88 100
43 32.2 32.5 48.7#
58 26.3 46.2 69.2#



#5
Naphthalene
Concen: 0.109 ng/ul
RT: 10.672 min Scan# 1765
Delta R.T. 0.006 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

Tgt Ion: 128 Resp: 2538
Ion Ratio Lower Upper
128 100
129 15.6 9.5 14.3#
127 17.8 11.3 16.9#

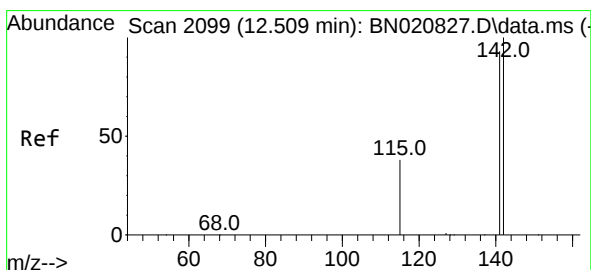
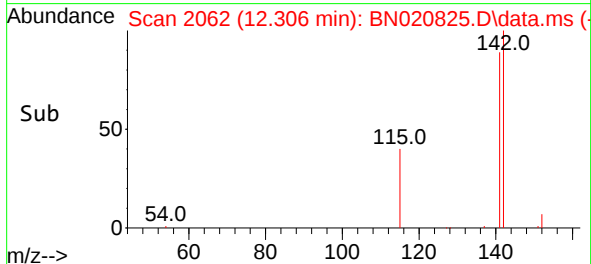
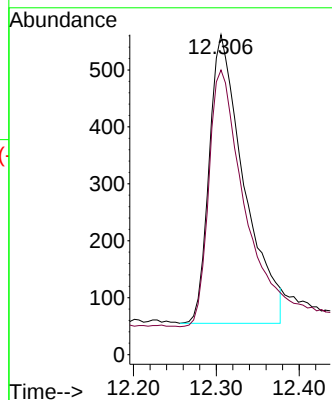
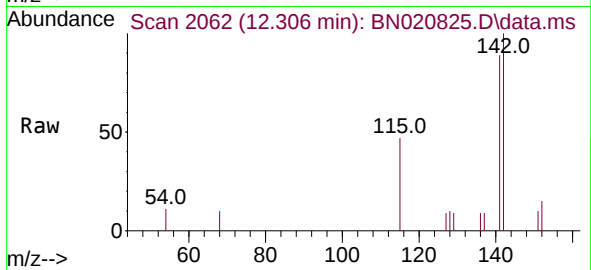




#7
2-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.306 min Scan# 2100
Delta R.T. 0.011 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

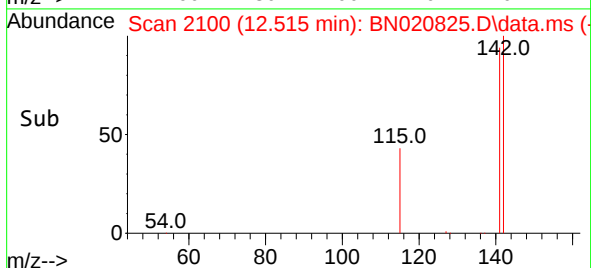
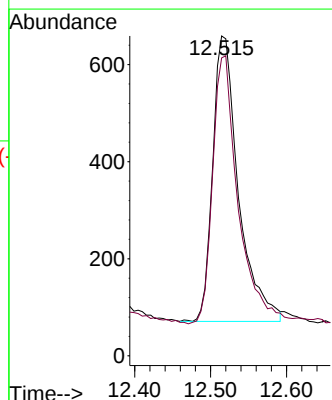
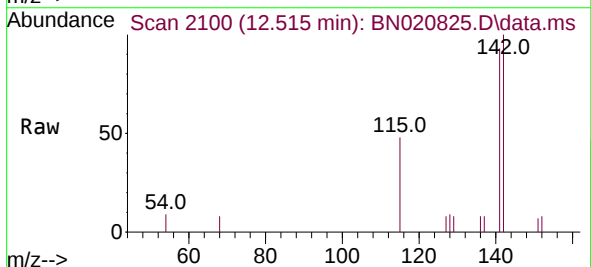
Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

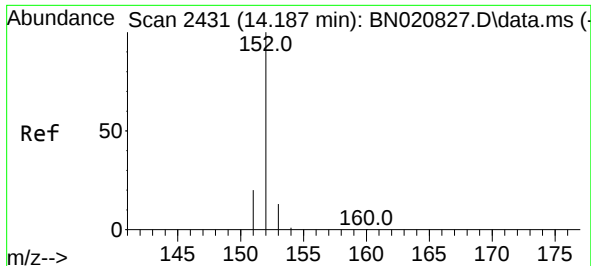
Tgt Ion:142 Resp: 1479
Ion Ratio Lower Upper
142 100
141 90.3 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.515 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

Tgt Ion:142 Resp: 1387
Ion Ratio Lower Upper
142 100
141 92.8 73.7 110.5

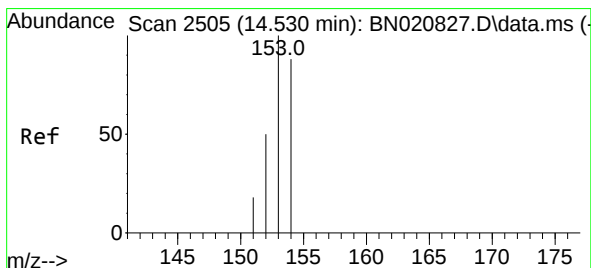
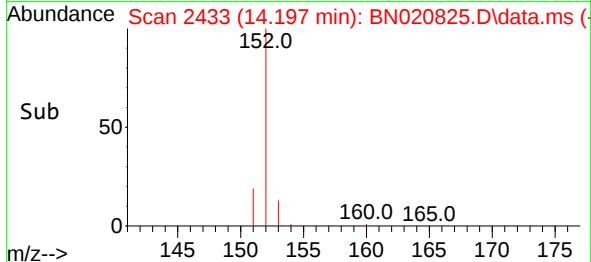
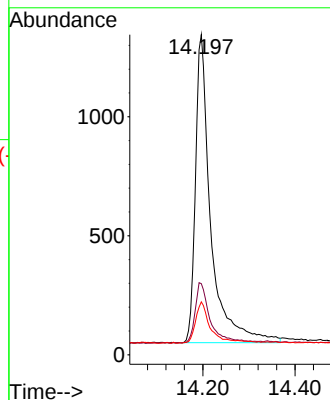
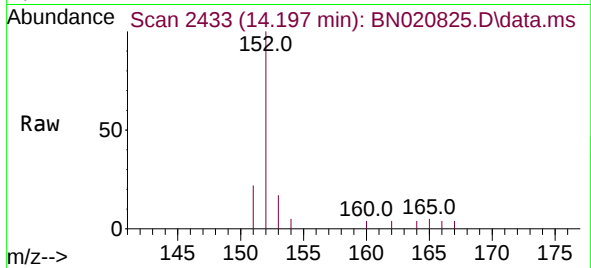




#10
Acenaphthylene
Concen: 0.122 ng/ul
RT: 14.197 min Scan# 2431
Delta R.T. 0.009 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

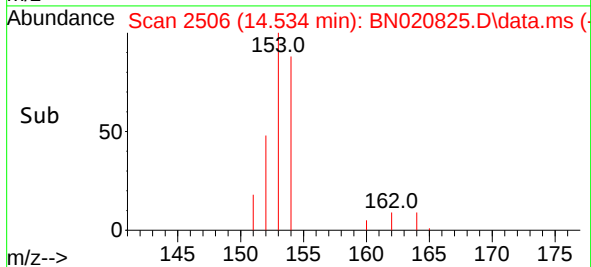
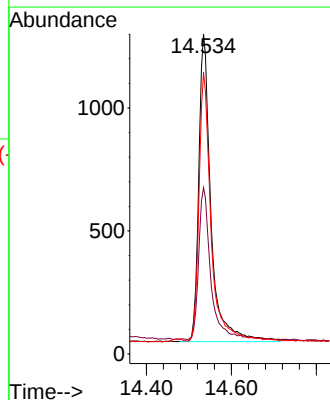
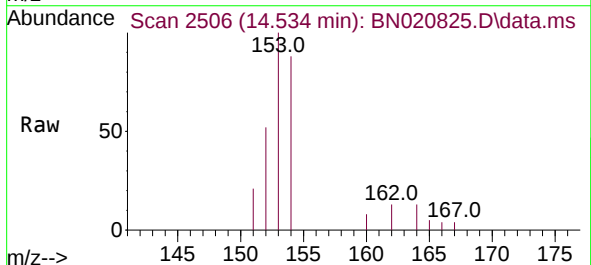
Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

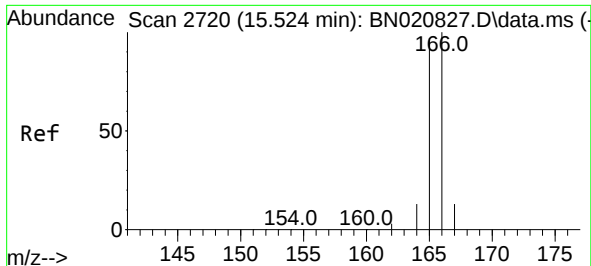
Tgt Ion:	152	Resp:	2981
Ion Ratio	Lower	Upper	
152	100		
151	22.2	16.5	24.7
153	16.5	11.1	16.7



#11
Acenaphthene
Concen: 0.128 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

Tgt Ion:	153	Resp:	2500
Ion Ratio	Lower	Upper	
153	100		
152	52.0	40.0	60.0
154	87.9	70.0	105.0

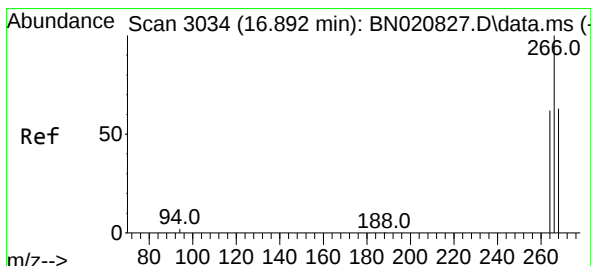
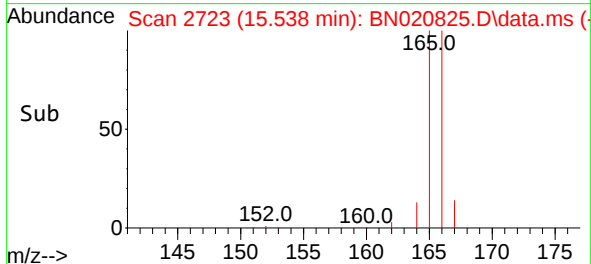
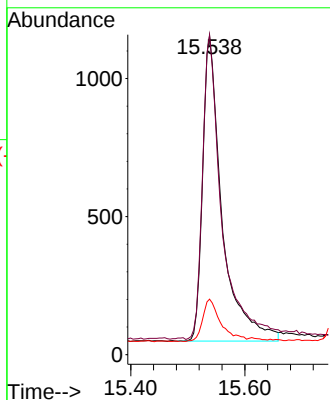
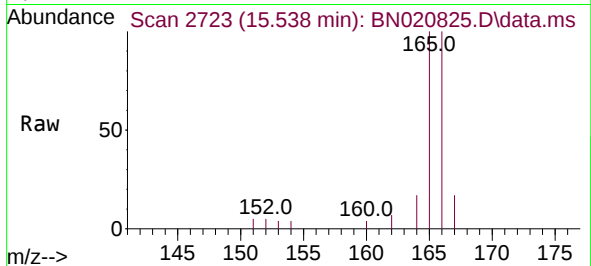




#12
 Fluorene
 Concen: 0.113 ng/ul
 RT: 15.538 min Scan# 21
 Delta R.T. 0.014 min
 Lab File: BN020825.D
 Acq: 25 Jul 2022 14:20

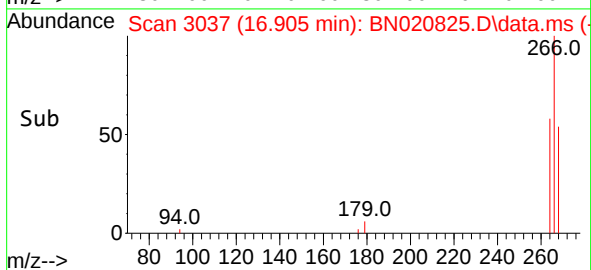
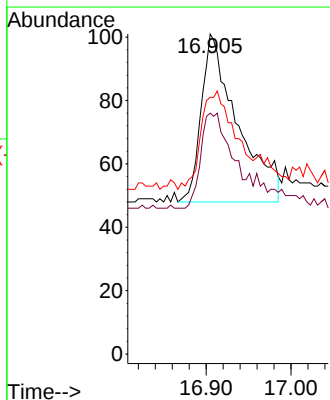
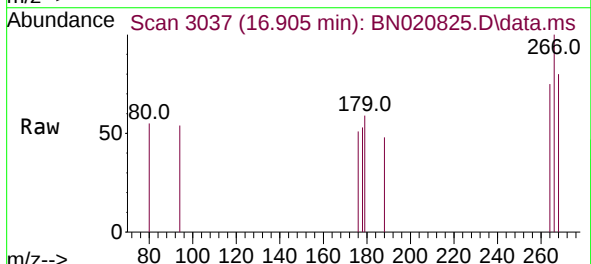
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.1216

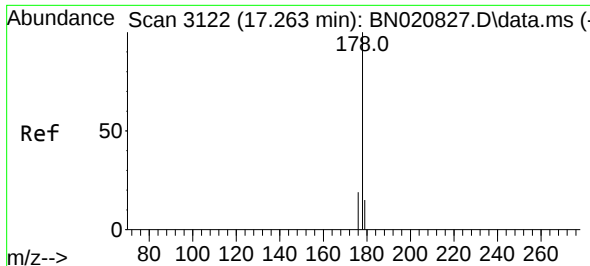
Tgt Ion:166 Resp: 2618
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.2 117.2
 167 17.4 11.3 16.9#



#14
 Pentachlorophenol
 Concen: 0.078 ng/ul
 RT: 16.905 min Scan# 3037
 Delta R.T. 0.013 min
 Lab File: BN020825.D
 Acq: 25 Jul 2022 14:20

Tgt Ion:266 Resp: 158
 Ion Ratio Lower Upper
 266 100
 264 58.2 51.6 77.4
 268 63.9 51.5 77.3

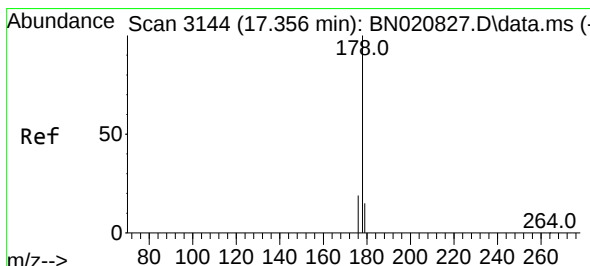
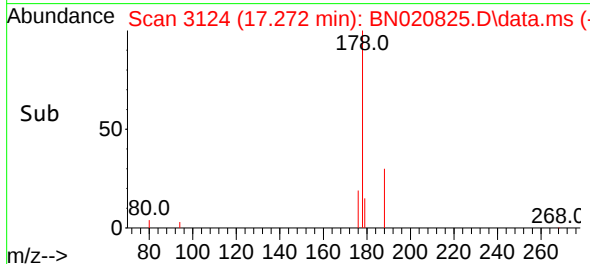
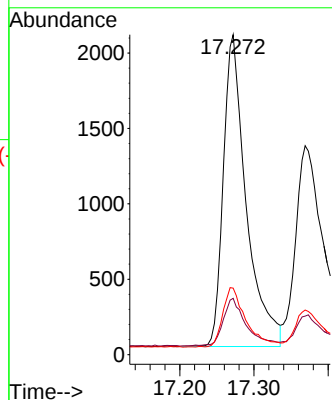
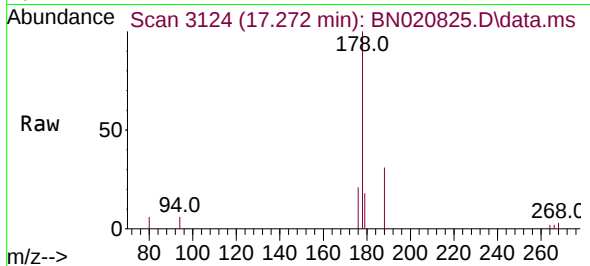




#15
Phenanthrene
Concen: 0.127 ng/ul
RT: 17.272 min Scan# 3124
Delta R.T. 0.009 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

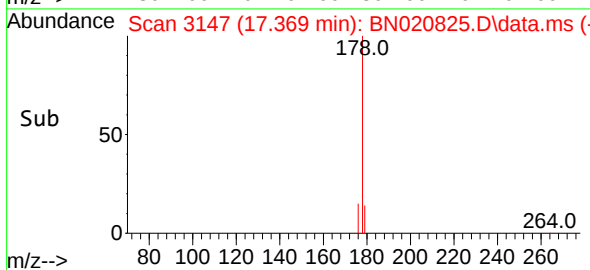
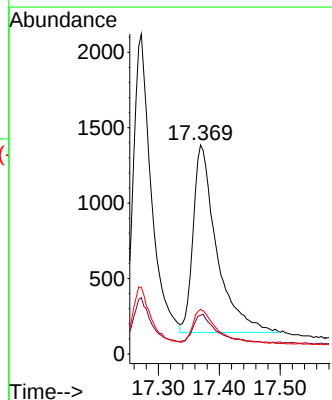
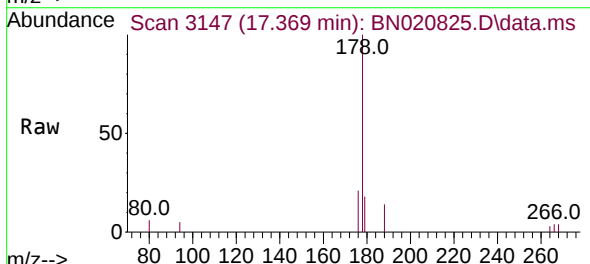
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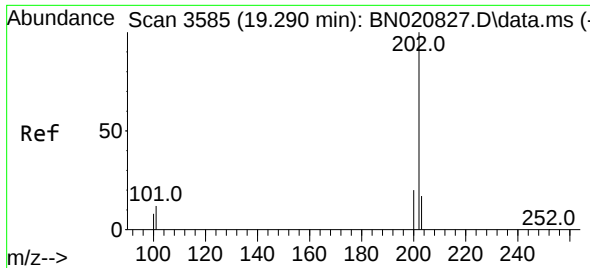
Tgt Ion:178 Resp: 4432
Ion Ratio Lower Upper
178 100
179 17.6 12.6 18.8
176 20.8 15.8 23.6



#16
Anthracene
Concen: 0.111 ng/ul
RT: 17.369 min Scan# 3147
Delta R.T. 0.013 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

Tgt Ion:178 Resp: 3342
Ion Ratio Lower Upper
178 100
179 18.4 12.8 19.2
176 21.4 15.2 22.8

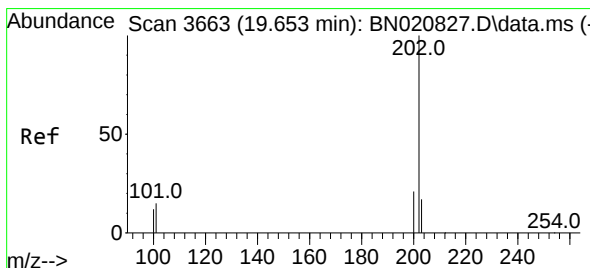
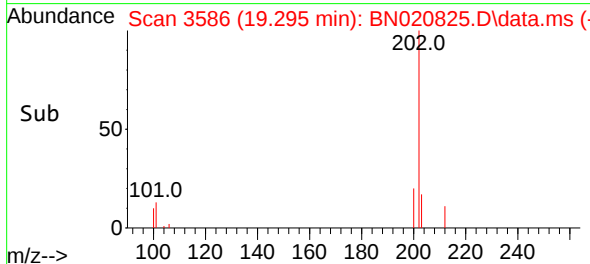
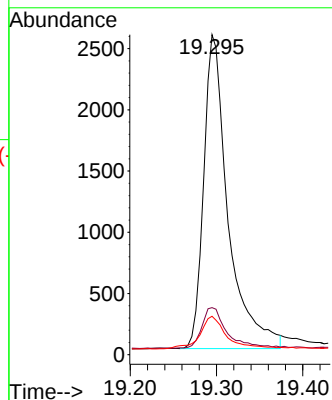
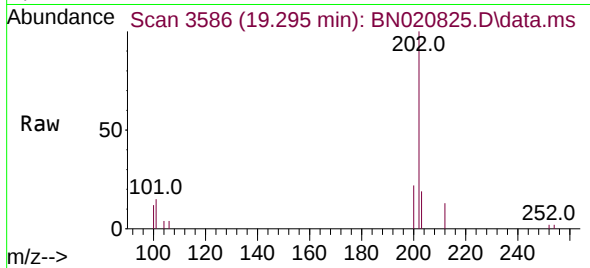




#19
Fluoranthene
Concen: 0.123 ng/ul
RT: 19.295 min Scan# 3585
Delta R.T. 0.005 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

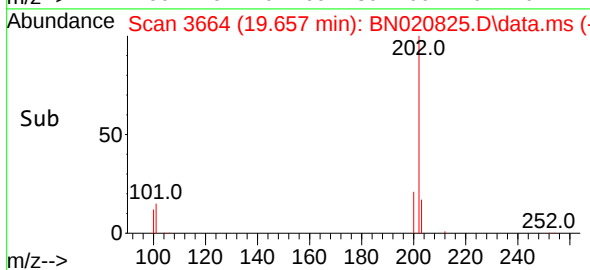
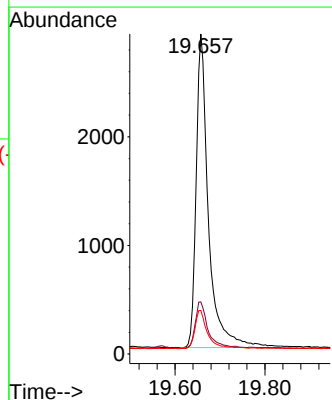
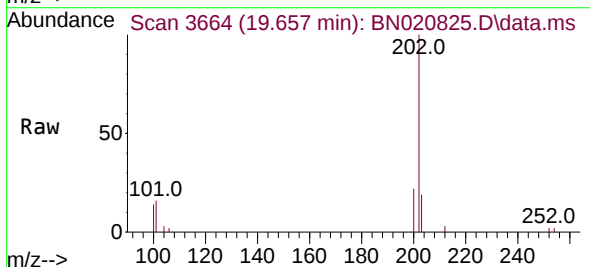
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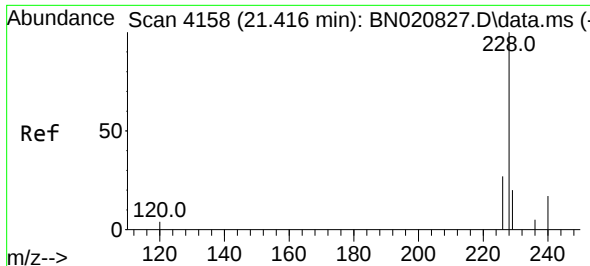
Tgt Ion:202 Resp: 5051
Ion Ratio Lower Upper
202 100
101 14.7 10.3 15.5
100 12.0 7.8 11.6#



#20
Pyrene
Concen: 0.129 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. 0.005 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

Tgt Ion:202 Resp: 5511
Ion Ratio Lower Upper
202 100
101 16.3 11.6 17.4
100 13.6 9.2 13.8

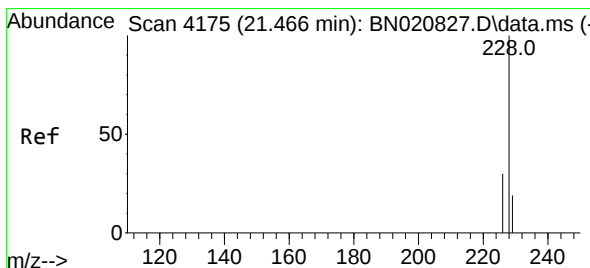
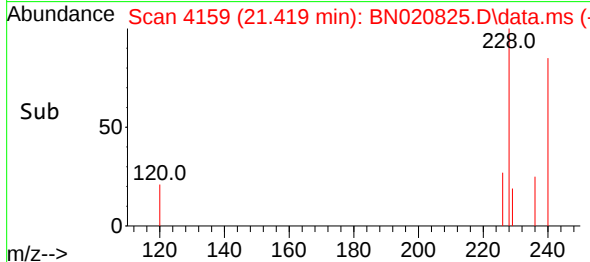
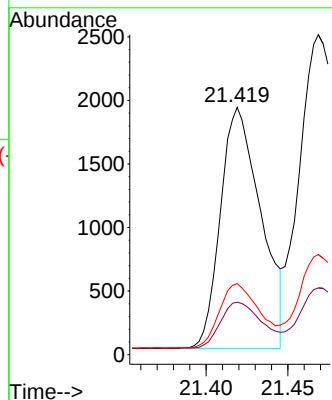
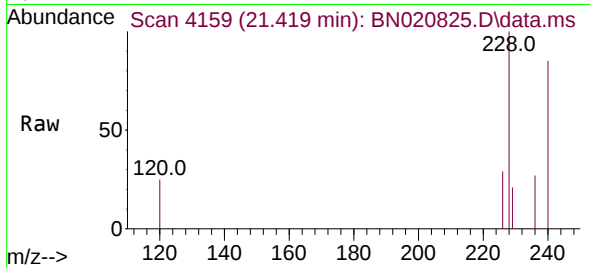




#21
Benzo(a)anthracene
Concen: 0.101 ng/ul
RT: 21.419 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

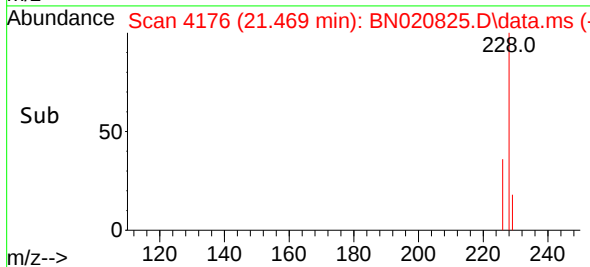
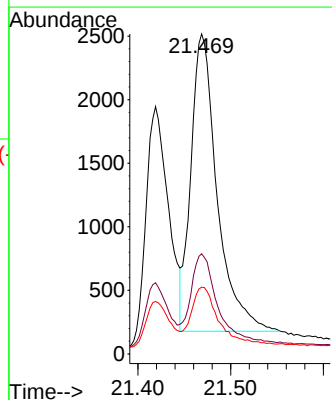
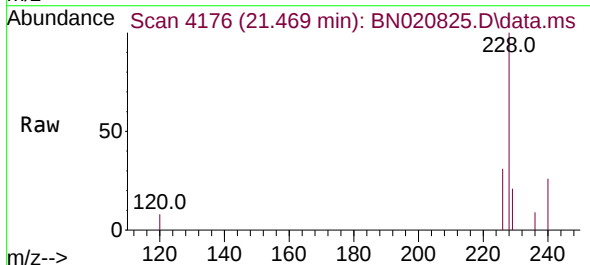
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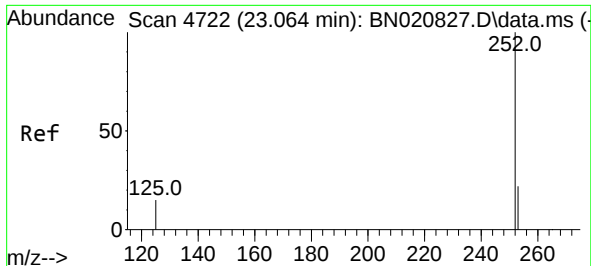
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Ion Ratio Lower Upper
228 100
229 21.2 15.9 23.9
226 28.8 22.2 33.2



#22
Chrysene
Concen: 0.128 ng/ul
RT: 21.469 min Scan# 4176
Delta R.T. 0.003 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

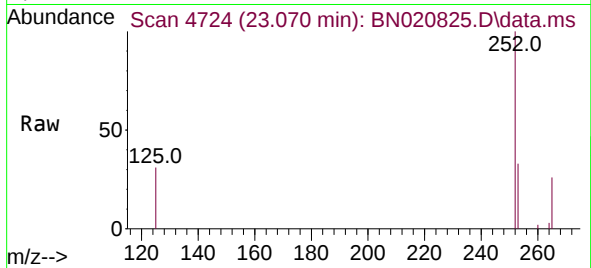
Tgt Ion:228 Resp: 4598
Ion Ratio Lower Upper
228 100
226 31.3 23.9 35.9
229 20.8 15.8 23.8



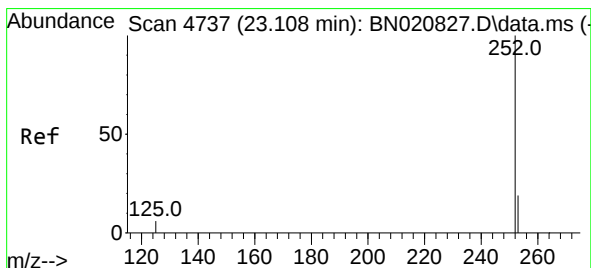
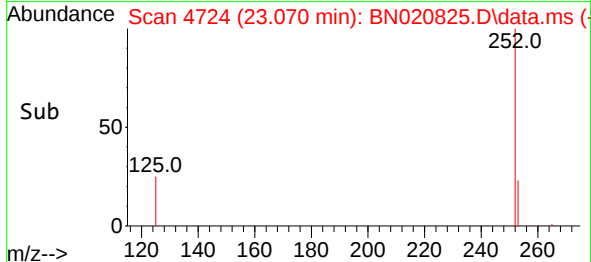
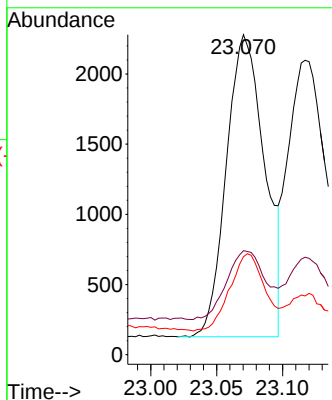


#24
Benzo(b)fluoranthene
Concen: 0.122 ng/ul
RT: 23.070 min Scan# 4724
Delta R.T. 0.006 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

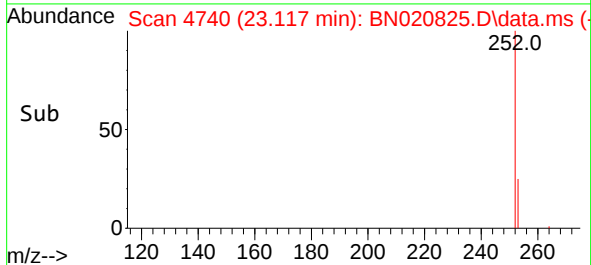
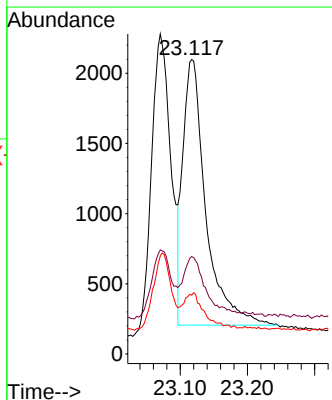
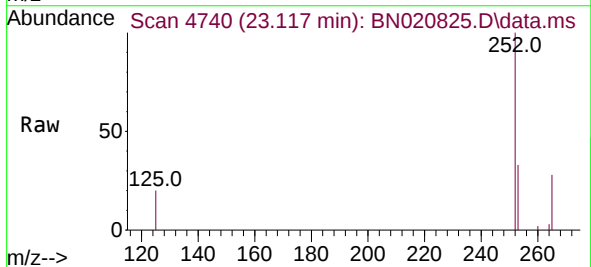


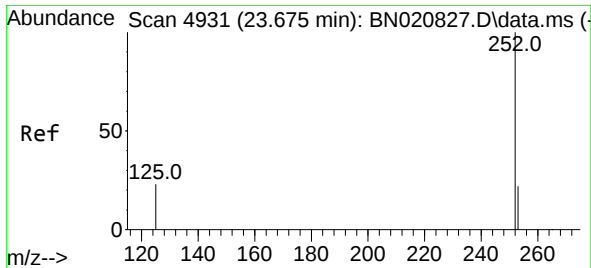
Tgt Ion:252 Resp: 4356
Ion Ratio Lower Upper
252 100
253 32.5 0.0 48.6
125 30.6 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.124 ng/ul
RT: 23.117 min Scan# 4740
Delta R.T. 0.009 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

Tgt Ion:252 Resp: 4477
Ion Ratio Lower Upper
252 100
253 33.1 19.7 29.5#
125 20.0 12.0 18.0#

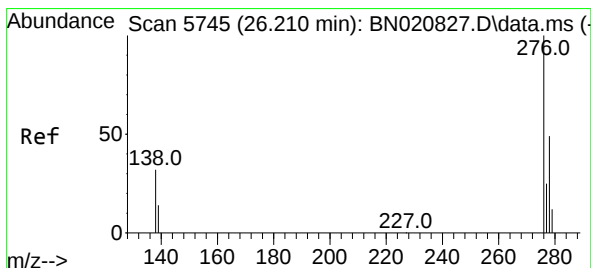
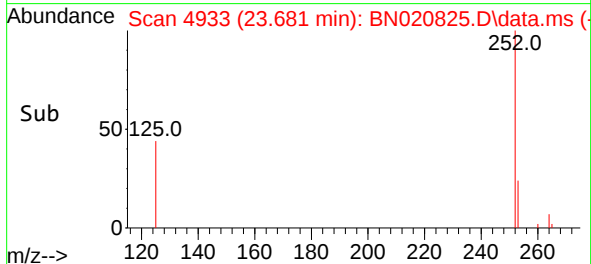
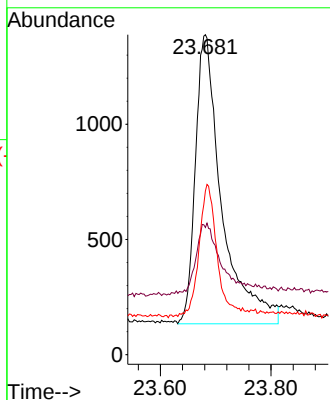
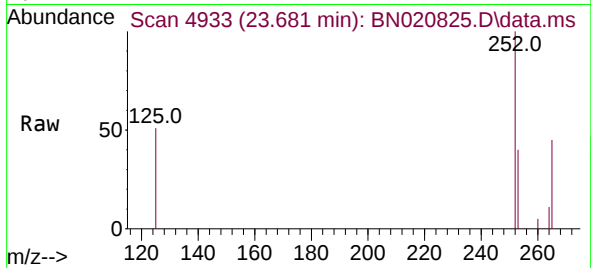




#26
Benzo(a)pyrene
Concen: 0.128 ng/ul
RT: 23.681 min Scan# 4931
Delta R.T. 0.006 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

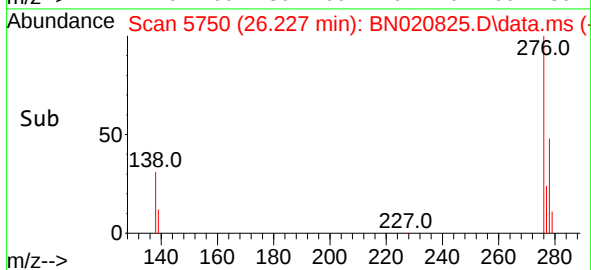
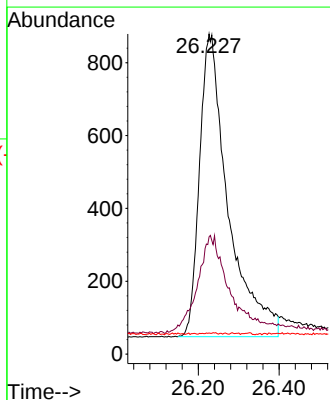
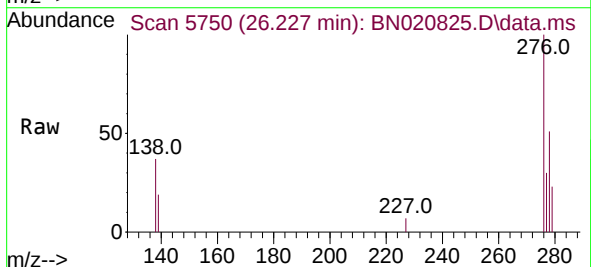
Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

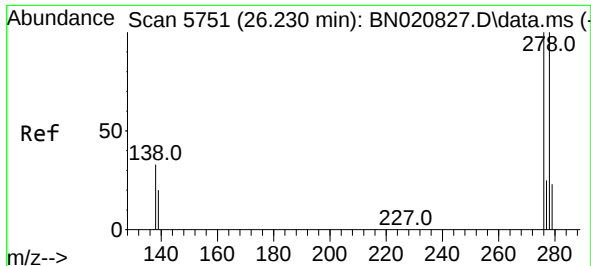
Tgt Ion:252 Resp: 4162
Ion Ratio Lower Upper
252 100
253 39.7 21.0 31.4#
125 51.1 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.126 ng/ul
RT: 26.227 min Scan# 5750
Delta R.T. 0.017 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

Tgt Ion:276 Resp: 4080
Ion Ratio Lower Upper
276 100
138 35.7 27.4 41.2
227 0.1 0.2 0.2#

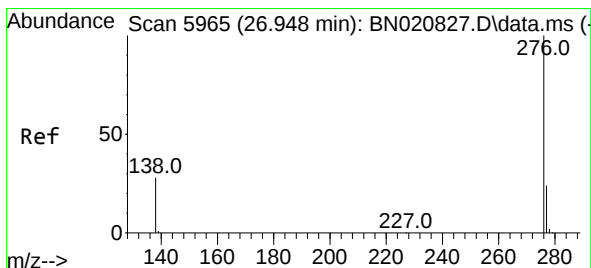
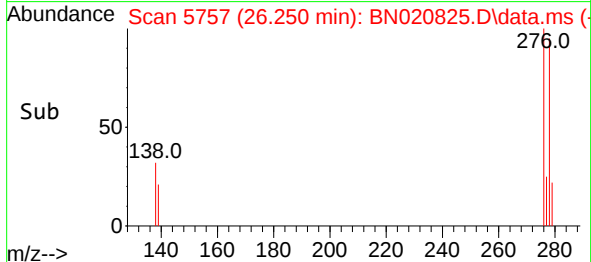
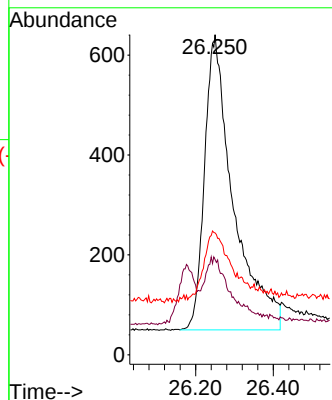
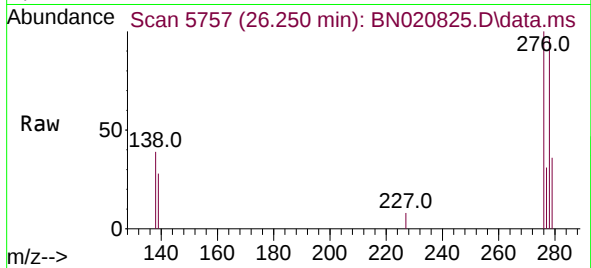




#28
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 26.250 min Scan# 51
Delta R.T. 0.020 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.1216

Tgt Ion:278 Resp: 3042
Ion Ratio Lower Upper
278 100
139 29.8 18.8 28.2#
279 38.1 21.4 32.0#



#29
Benzo(g,h,i)perylene
Concen: 0.140 ng/ul
RT: 26.964 min Scan# 5970
Delta R.T. 0.017 min
Lab File: BN020825.D
Acq: 25 Jul 2022 14:20

Tgt Ion:276 Resp: 3888
Ion Ratio Lower Upper
276 100
138 33.5 23.5 35.3
277 28.0 20.1 30.1

