

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072522\
 Data File : BN020828.D
 Acq On : 25 Jul 2022 16:12
 Operator : CG/JU
 Sample : SST0.819
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8219

Quant Time: Jul 25 17:34:31 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)

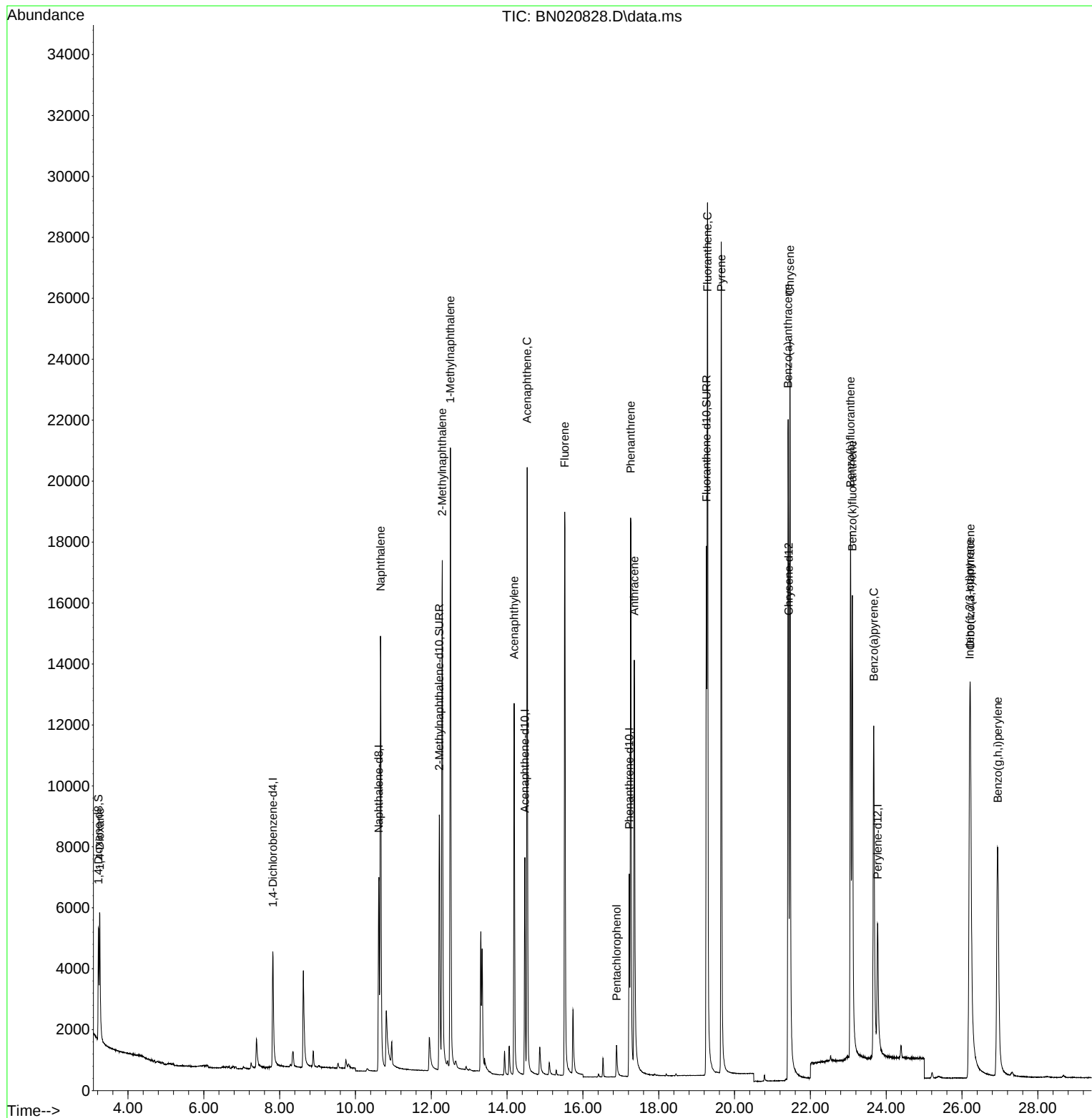
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	2786	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	9606	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	4327	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	8781	0.400	ng/ul	0.00
17) Chrysene-d12	21.428	240	8067	0.400	ng/ul	0.00
23) Perylene-d12	23.772	264	6737	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	2670	0.827	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	12601	0.799	ng/ul	0.00
18) Fluoranthene-d10	19.257	212	21783	0.819	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.256	88	2671	0.810	ng/ul	92
5) Naphthalene	10.661	128	22187	0.748	ng/ul	99
7) 2-Methylnaphthalene	12.289	142	14128	0.712	ng/ul	99
8) 1-Methylnaphthalene	12.503	142	15498	0.824	ng/ul	100
10) Acenaphthylene	14.187	152	15812	0.771	ng/ul	99
11) Acenaphthene	14.530	153	12444	0.758	ng/ul	100
12) Fluorene	15.520	166	13984	0.719	ng/ul	99
14) Pentachlorophenol	16.888	266	1007	0.569	ng/ul	98
15) Phenanthrene	17.259	178	23125	0.758	ng/ul	100
16) Anthracene	17.356	178	19498	0.740	ng/ul	99
19) Fluoranthene	19.285	202	26877	0.730	ng/ul	100
20) Pyrene	19.648	202	27165	0.711	ng/ul	98
21) Benzo(a)anthracene	21.410	228	20344	0.702	ng/ul	100
22) Chrysene	21.463	228	24324	0.754	ng/ul	100
24) Benzo(b)fluoranthene	23.058	252	23432	0.752	ng/ul	96
25) Benzo(k)fluoranthene	23.108	252	23440	0.745	ng/ul	97
26) Benzo(a)pyrene	23.672	252	20711	0.731	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.203	276	21909	0.777	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.220	278	17034	0.748	ng/ul	97
29) Benzo(g,h,i)perylene	26.941	276	19593	0.810	ng/ul	98

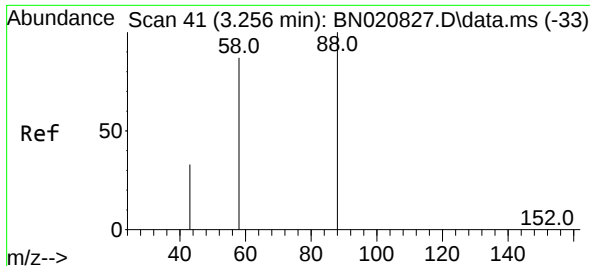
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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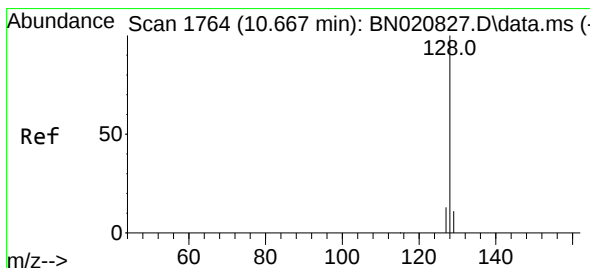
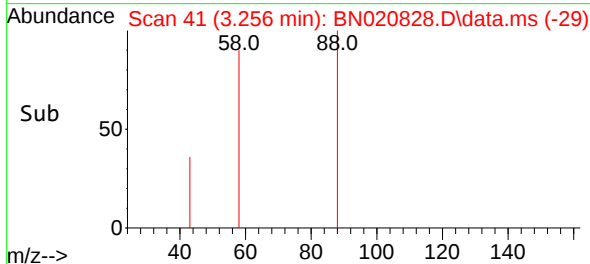
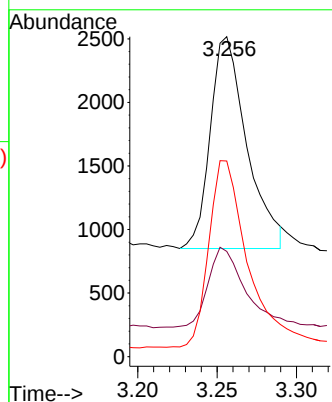
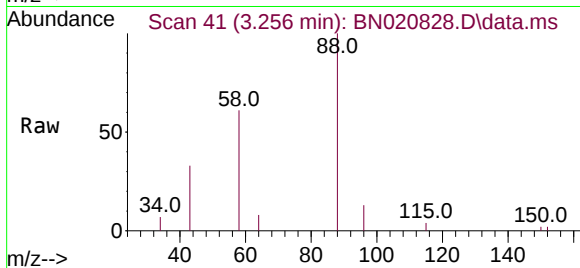




#2
 1,4-Dioxane
 Concen: 0.810 ng/ul
 RT: 3.256 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN020828.D
 Acq: 25 Jul 2022 16:12

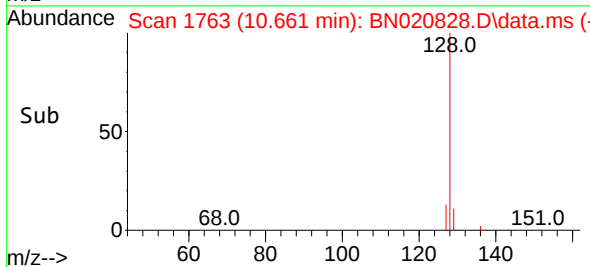
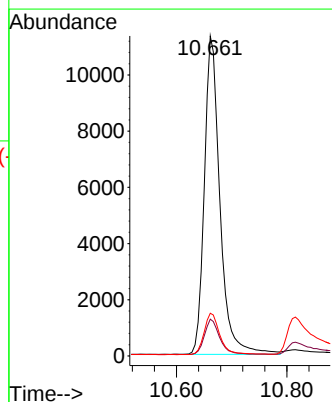
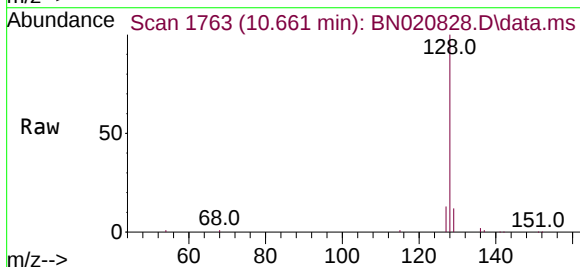
Instrument :
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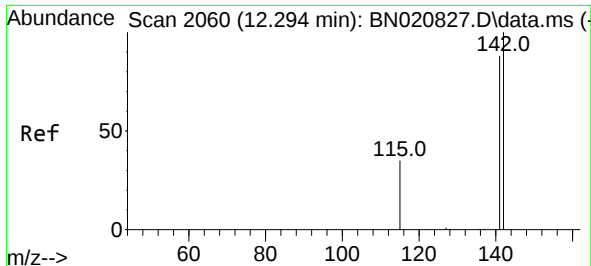
Tgt Ion: 88 Resp: 2671
 Ion Ratio Lower Upper
 88 100
 43 32.9 32.5 48.7
 58 61.1 46.2 69.2



#5
 Naphthalene
 Concen: 0.748 ng/ul
 RT: 10.661 min Scan# 1763
 Delta R.T. -0.006 min
 Lab File: BN020828.D
 Acq: 25 Jul 2022 16:12

Tgt Ion: 128 Resp: 22187
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.5 14.3
 127 13.4 11.3 16.9

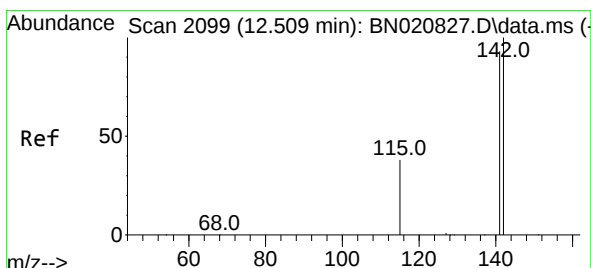
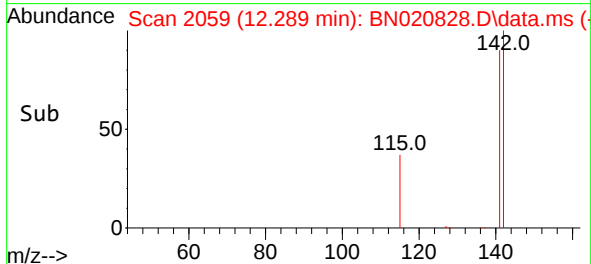
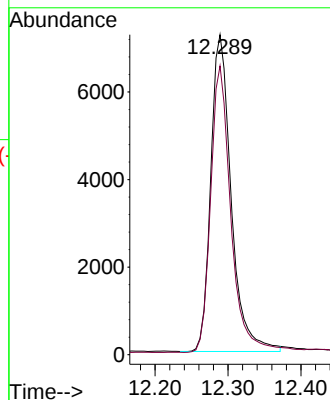
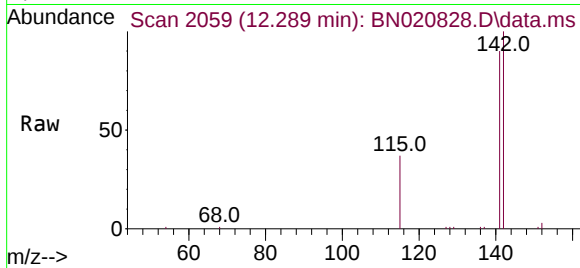




#7
2-Methylnaphthalene
Concen: 0.712 ng/ul
RT: 12.289 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BN020828.D
Acq: 25 Jul 2022 16:12

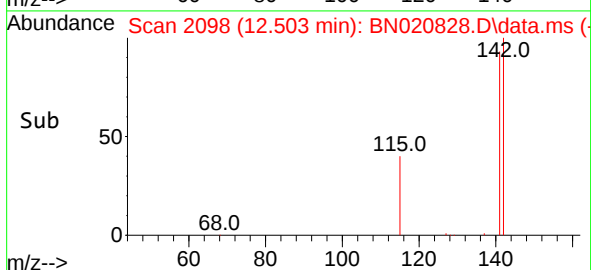
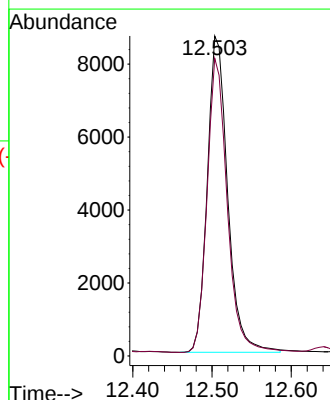
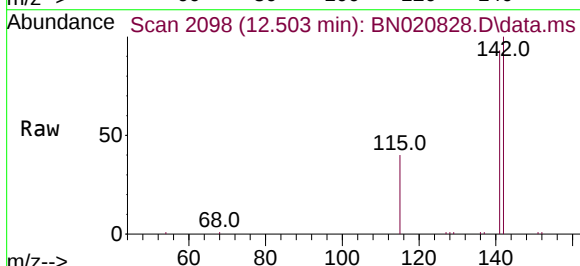
Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

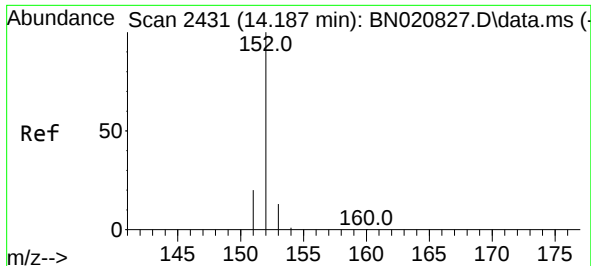
Tgt Ion:142 Resp: 14128
Ion Ratio Lower Upper
142 100
141 89.2 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.824 ng/ul
RT: 12.503 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN020828.D
Acq: 25 Jul 2022 16:12

Tgt Ion:142 Resp: 15498
Ion Ratio Lower Upper
142 100
141 91.7 73.7 110.5

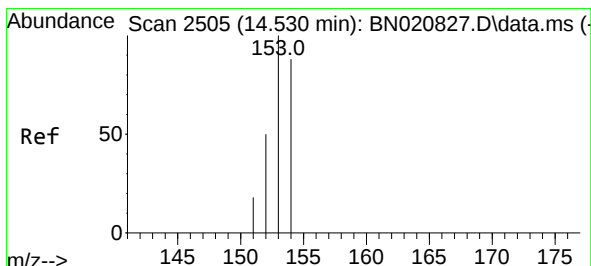
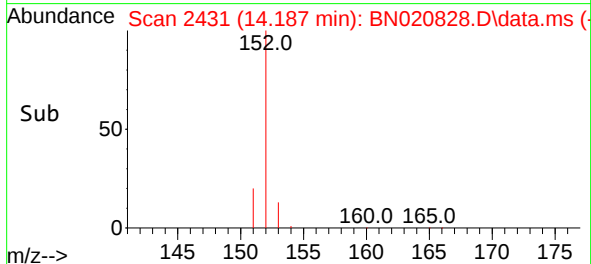
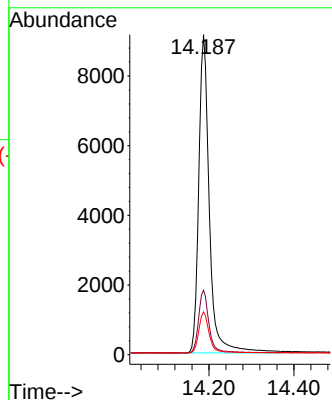
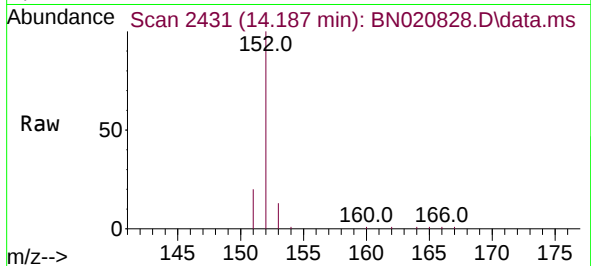




#10
Acenaphthylene
Concen: 0.771 ng/ul
RT: 14.187 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN020828.D
Acq: 25 Jul 2022 16:12

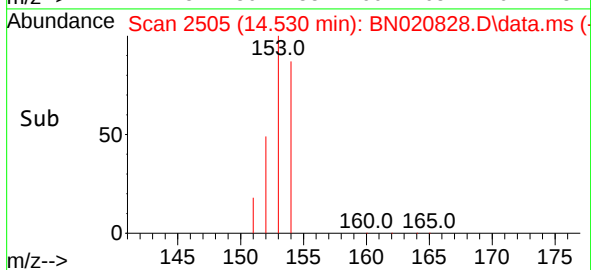
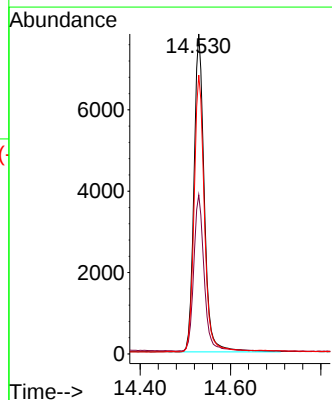
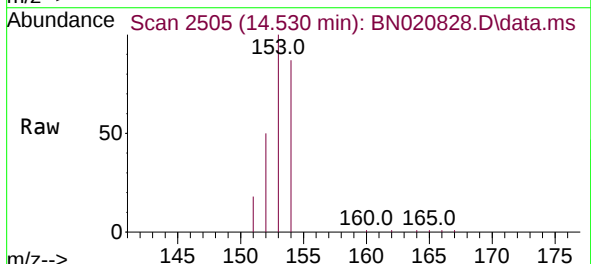
Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

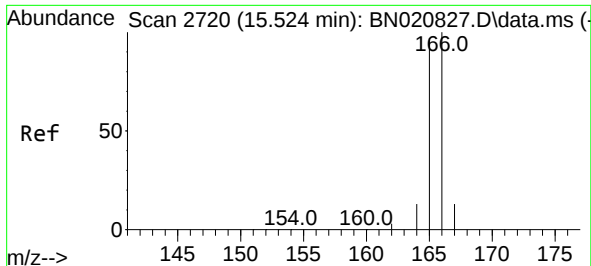
Tgt Ion:152 Resp: 15812
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7
153 13.3 11.1 16.7



#11
Acenaphthene
Concen: 0.758 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BN020828.D
Acq: 25 Jul 2022 16:12

Tgt Ion:153 Resp: 12444
Ion Ratio Lower Upper
153 100
152 49.7 40.0 60.0
154 87.1 70.0 105.0

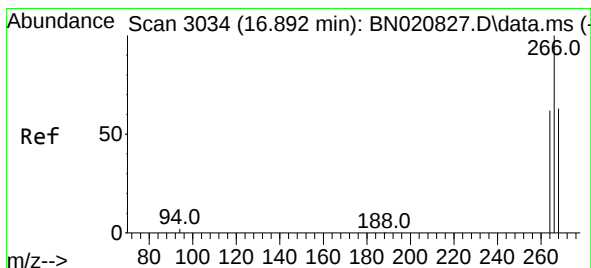
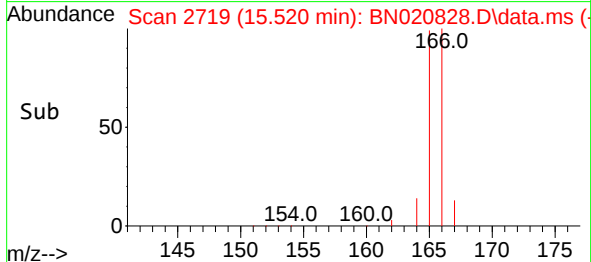
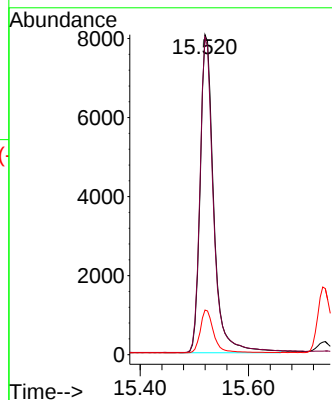
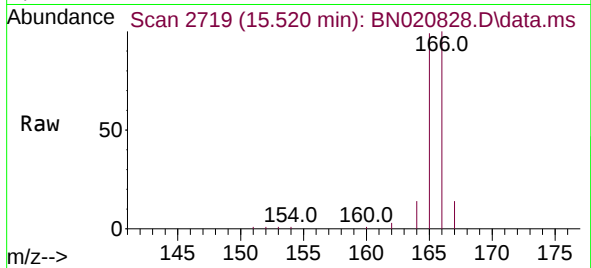




#12
 Fluorene
 Concen: 0.719 ng/ul
 RT: 15.520 min Scan# 2719
 Delta R.T. -0.005 min
 Lab File: BN020828.D
 Acq: 25 Jul 2022 16:12

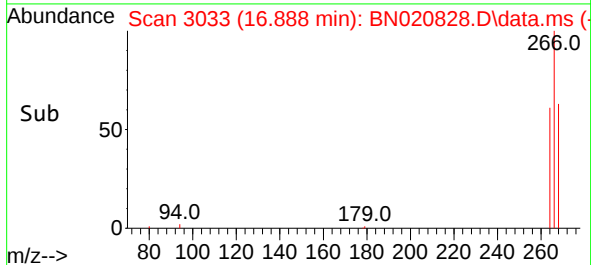
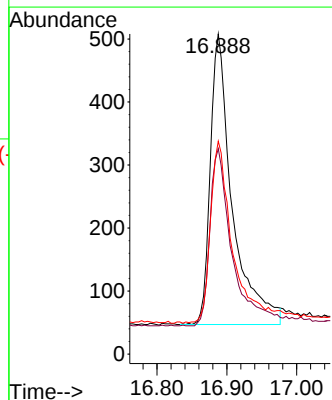
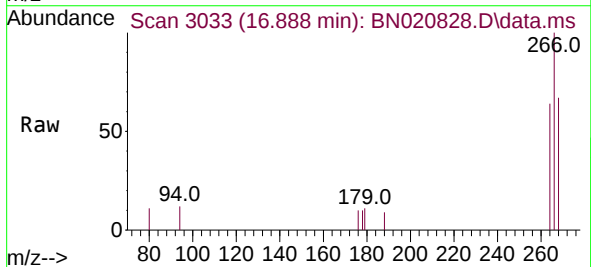
Instrument :
 BNA_N
 ClientSampleId :
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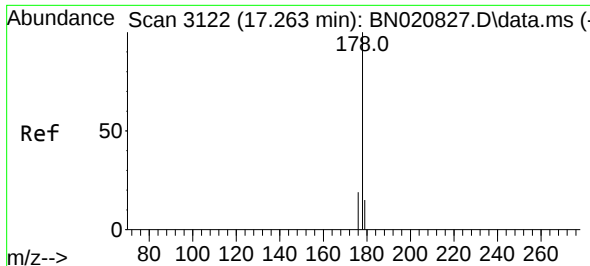
Tgt Ion:166 Resp: 13984
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.2 117.2
 167 14.0 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.569 ng/ul
 RT: 16.888 min Scan# 3033
 Delta R.T. -0.004 min
 Lab File: BN020828.D
 Acq: 25 Jul 2022 16:12

Tgt Ion:266 Resp: 1007
 Ion Ratio Lower Upper
 266 100
 264 61.7 51.6 77.4
 268 63.6 51.5 77.3

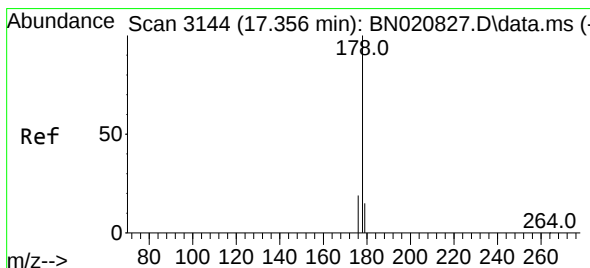
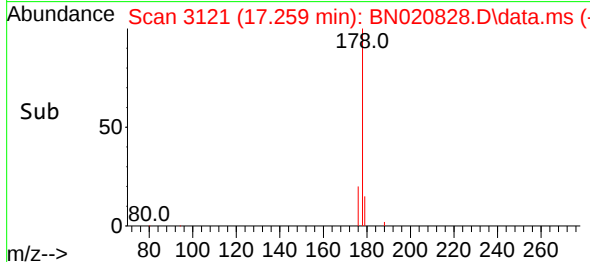
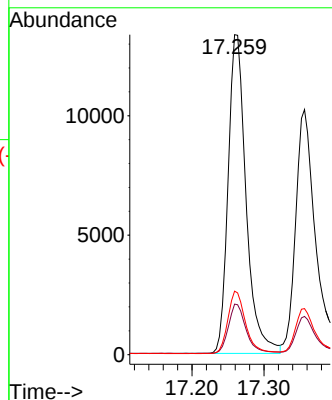
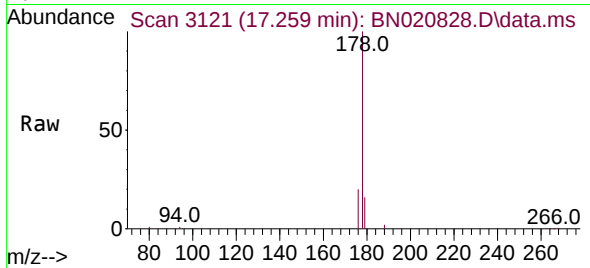




#15
Phenanthrene
Concen: 0.758 ng/ul
RT: 17.259 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BN020828.D
Acq: 25 Jul 2022 16:12

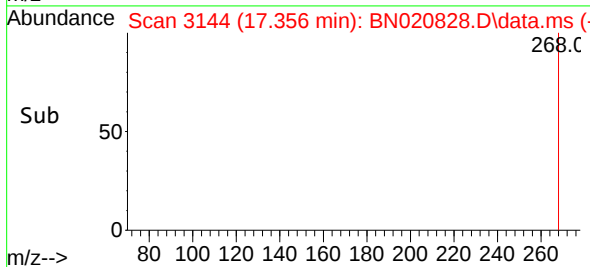
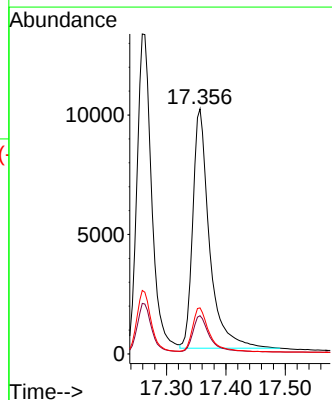
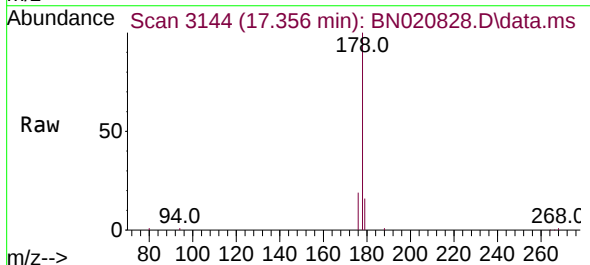
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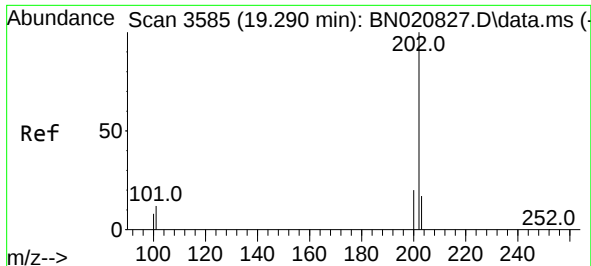
Tgt Ion:178 Resp: 23125
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.9 15.8 23.6



#16
Anthracene
Concen: 0.740 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BN020828.D
Acq: 25 Jul 2022 16:12

Tgt Ion:178 Resp: 19498
Ion Ratio Lower Upper
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179 15.6 12.8 19.2
176 18.8 15.2 22.8

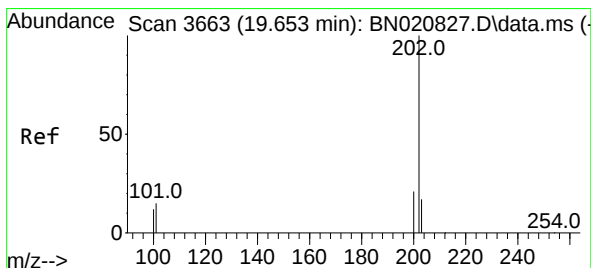
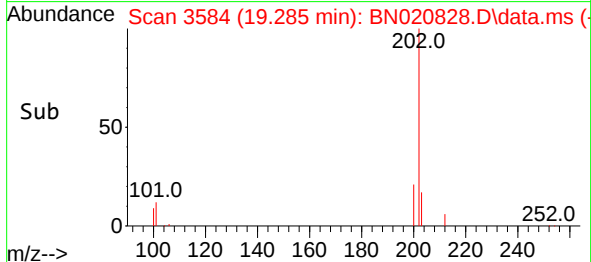
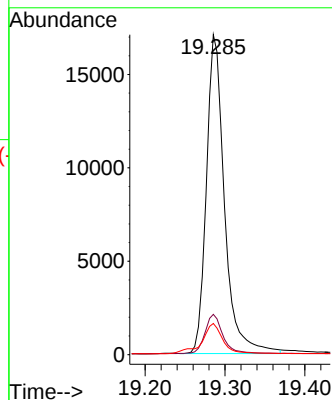
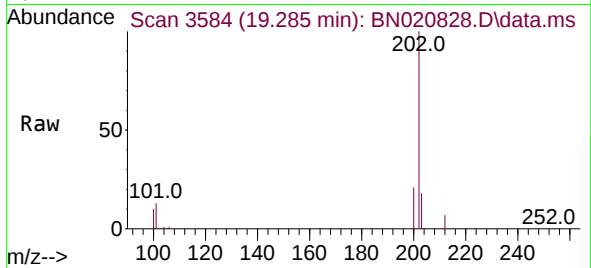




#19
Fluoranthene
Concen: 0.730 ng/ul
RT: 19.285 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BN020828.D
Acq: 25 Jul 2022 16:12

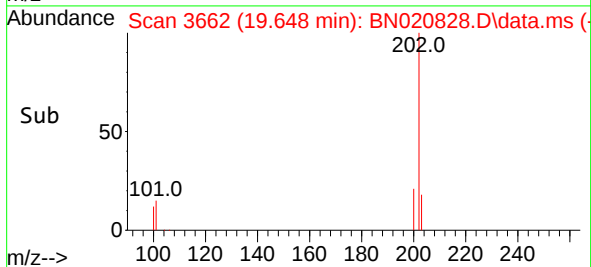
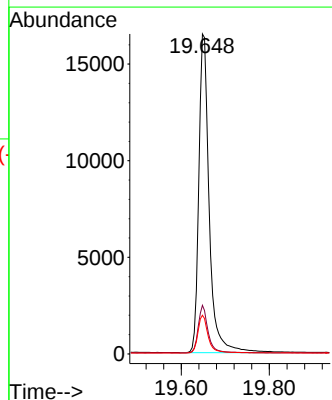
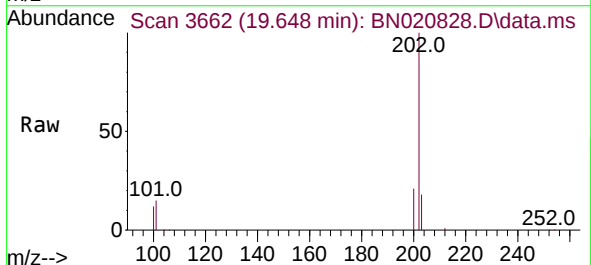
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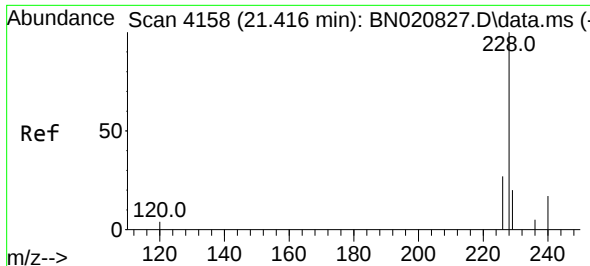
Tgt Ion:202 Resp: 26877
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.7 7.8 11.6



#20
Pyrene
Concen: 0.711 ng/ul
RT: 19.648 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN020828.D
Acq: 25 Jul 2022 16:12

Tgt Ion:202 Resp: 27165
Ion Ratio Lower Upper
202 100
101 15.2 11.6 17.4
100 12.1 9.2 13.8

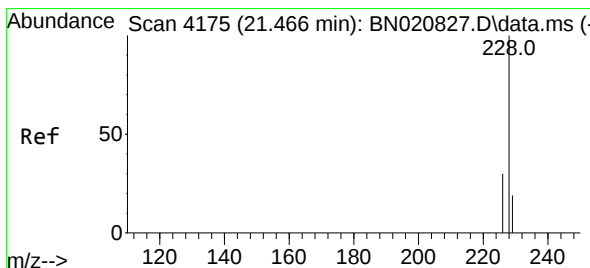
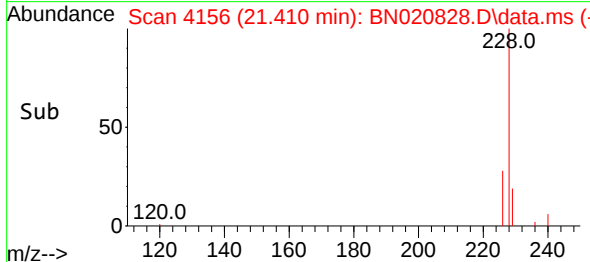
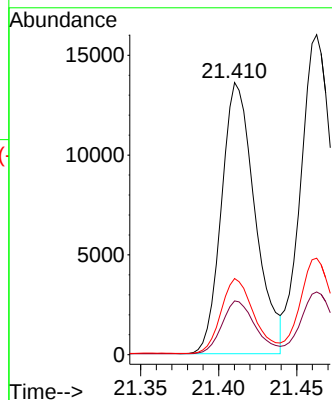
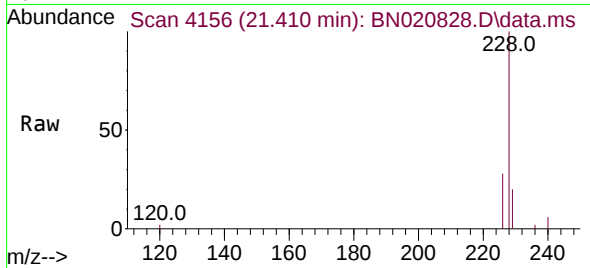




#21
Benzo(a)anthracene
Concen: 0.702 ng/ul
RT: 21.410 min Scan# 4158
Delta R.T. -0.006 min
Lab File: BN020828.D
Acq: 25 Jul 2022 16:12

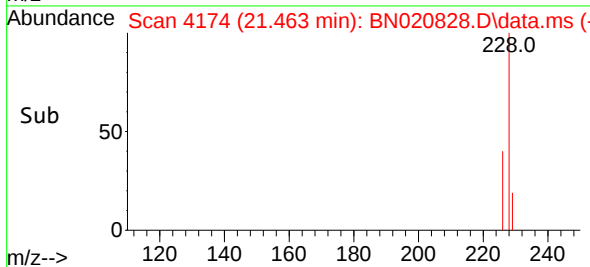
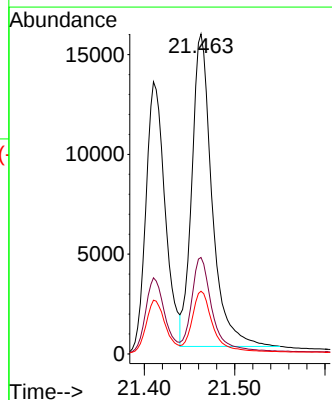
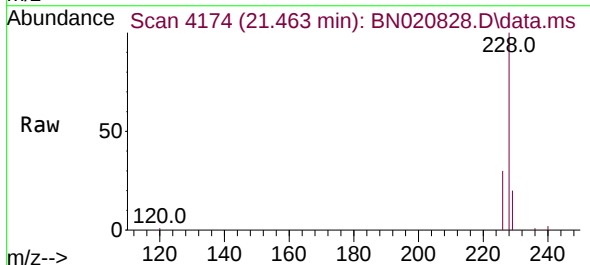
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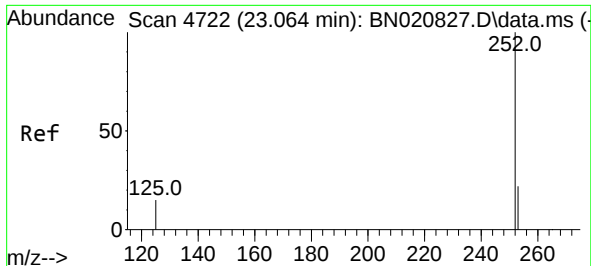
Tgt Ion:228 Resp: 20344
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 28.0 22.2 33.2



#22
Chrysene
Concen: 0.754 ng/ul
RT: 21.463 min Scan# 4174
Delta R.T. -0.003 min
Lab File: BN020828.D
Acq: 25 Jul 2022 16:12

Tgt Ion:228 Resp: 24324
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 19.6 15.8 23.8

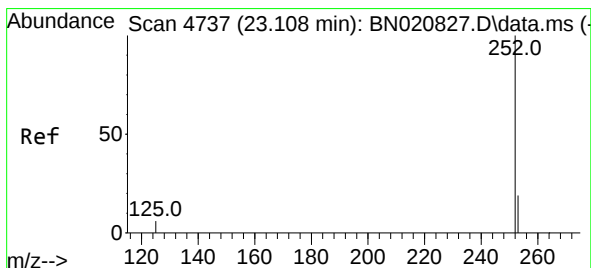
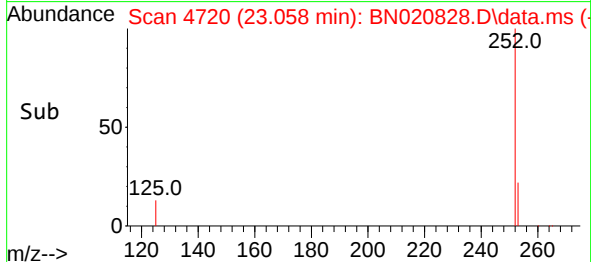
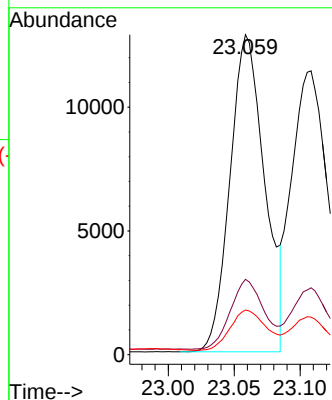
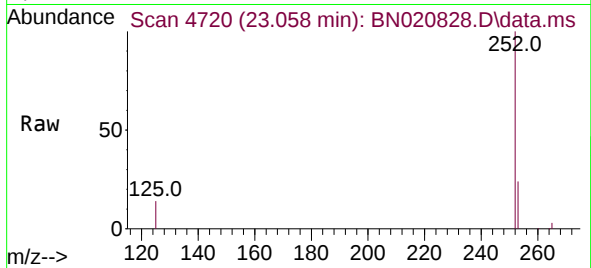




#24
Benzo(b)fluoranthene
Concen: 0.752 ng/ul
RT: 23.058 min Scan# 4720
Delta R.T. -0.006 min
Lab File: BN020828.D
Acq: 25 Jul 2022 16:12

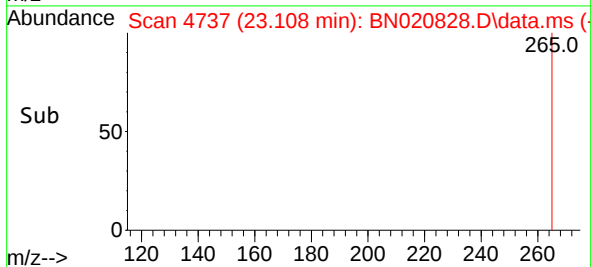
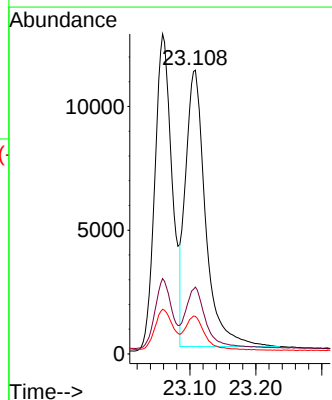
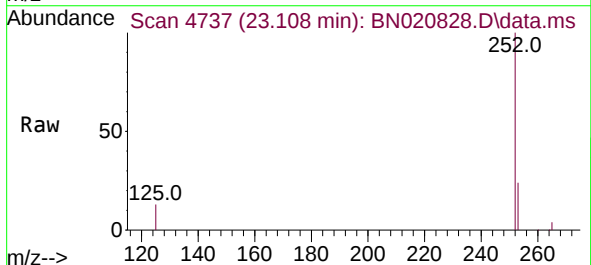
Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

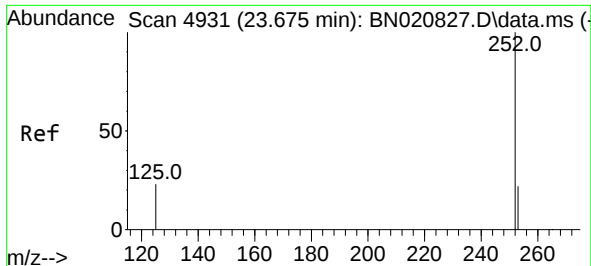
Tgt Ion:252 Resp: 23432
Ion Ratio Lower Upper
252 100
253 23.6 0.0 48.6
125 14.0 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.745 ng/ul
RT: 23.108 min Scan# 4737
Delta R.T. -0.000 min
Lab File: BN020828.D
Acq: 25 Jul 2022 16:12

Tgt Ion:252 Resp: 23440
Ion Ratio Lower Upper
252 100
253 23.6 19.7 29.5
125 13.2 12.0 18.0

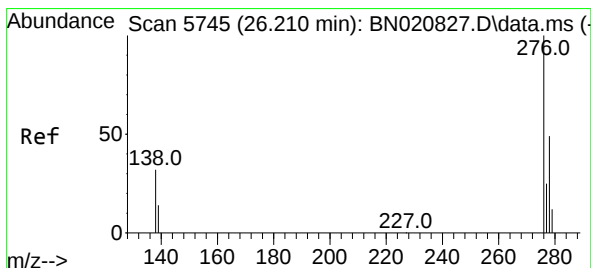
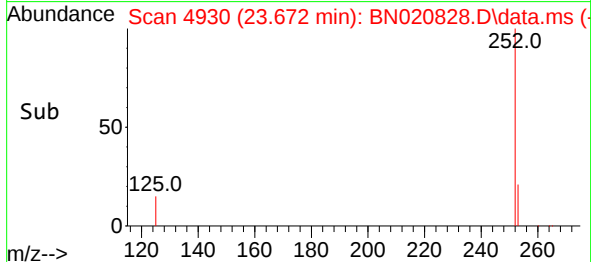
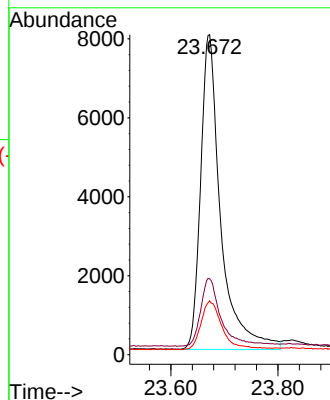
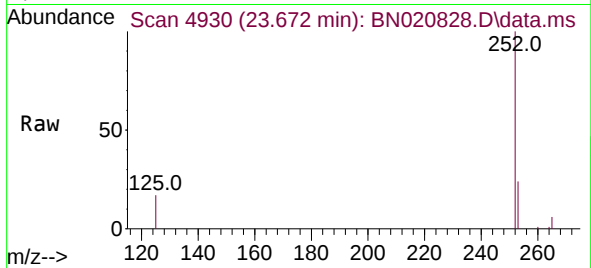




#26
Benzo(a)pyrene
Concen: 0.731 ng/ul
RT: 23.672 min Scan# 4931
Delta R.T. -0.003 min
Lab File: BN020828.D
Acq: 25 Jul 2022 16:12

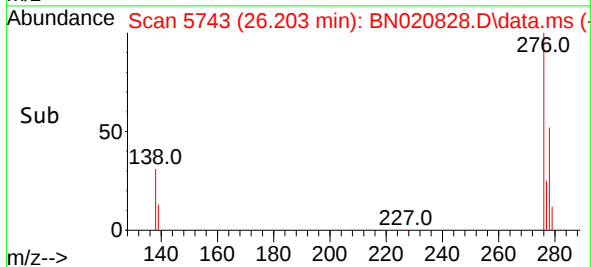
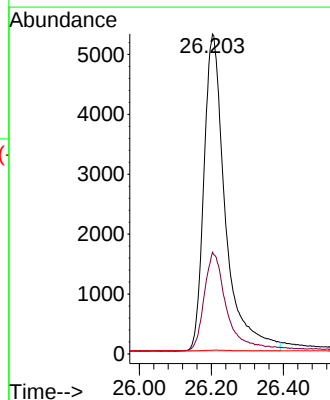
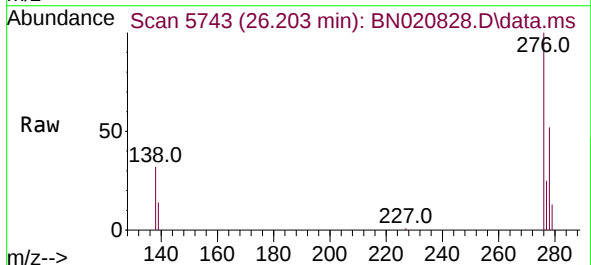
Instrument :
BNA_N
ClientSampleId :
SSTD0.8219

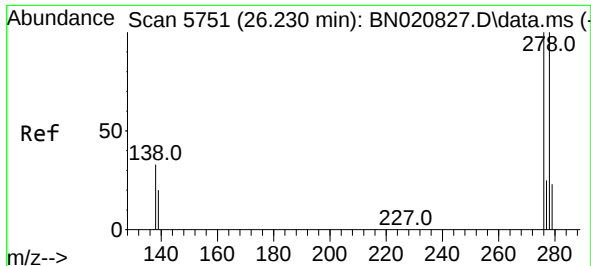
Tgt Ion:	252	Resp:	20711
Ion Ratio	Lower	Upper	
252	100		
253	23.7	21.0	31.4
125	16.8	18.8	28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.777 ng/ul
RT: 26.203 min Scan# 5743
Delta R.T. -0.007 min
Lab File: BN020828.D
Acq: 25 Jul 2022 16:12

Tgt Ion:	276	Resp:	21909
Ion Ratio	Lower	Upper	
276	100		
138	32.5	27.4	41.2
227	0.0	0.2	0.2#

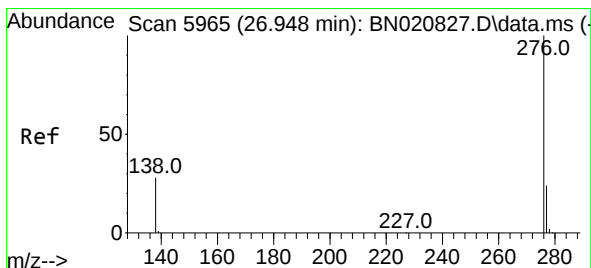
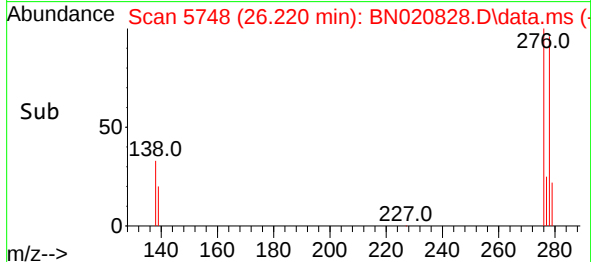
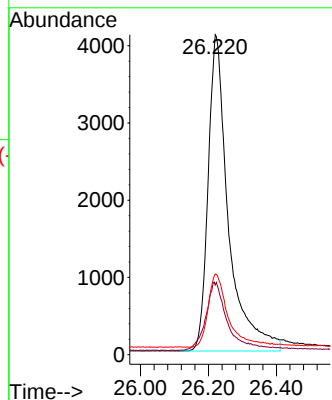
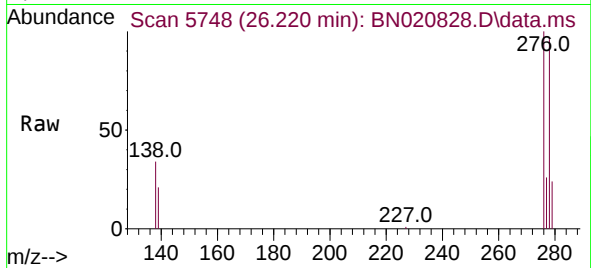




#28
 Dibenzo(a,h)anthracene
 Concen: 0.748 ng/ul
 RT: 26.220 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BN020828.D
 Acq: 25 Jul 2022 16:12

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8219

Tgt Ion: 278 Resp: 17034
 Ion Ratio Lower Upper
 278 100
 139 21.8 18.8 28.2
 279 25.2 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.810 ng/ul
 RT: 26.941 min Scan# 5963
 Delta R.T. -0.007 min
 Lab File: BN020828.D
 Acq: 25 Jul 2022 16:12

Tgt Ion: 276 Resp: 19593
 Ion Ratio Lower Upper
 276 100
 138 28.3 23.5 35.3
 277 24.6 20.1 30.1

