

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
 Data File : BN022525.D
 Acq On : 07 Nov 2022 13:45
 Operator : CG/JU
 Sample : PB148656BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS656

Quant Time: Nov 07 23:34:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 23:30:37 2022
 Response via : Initial Calibration

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

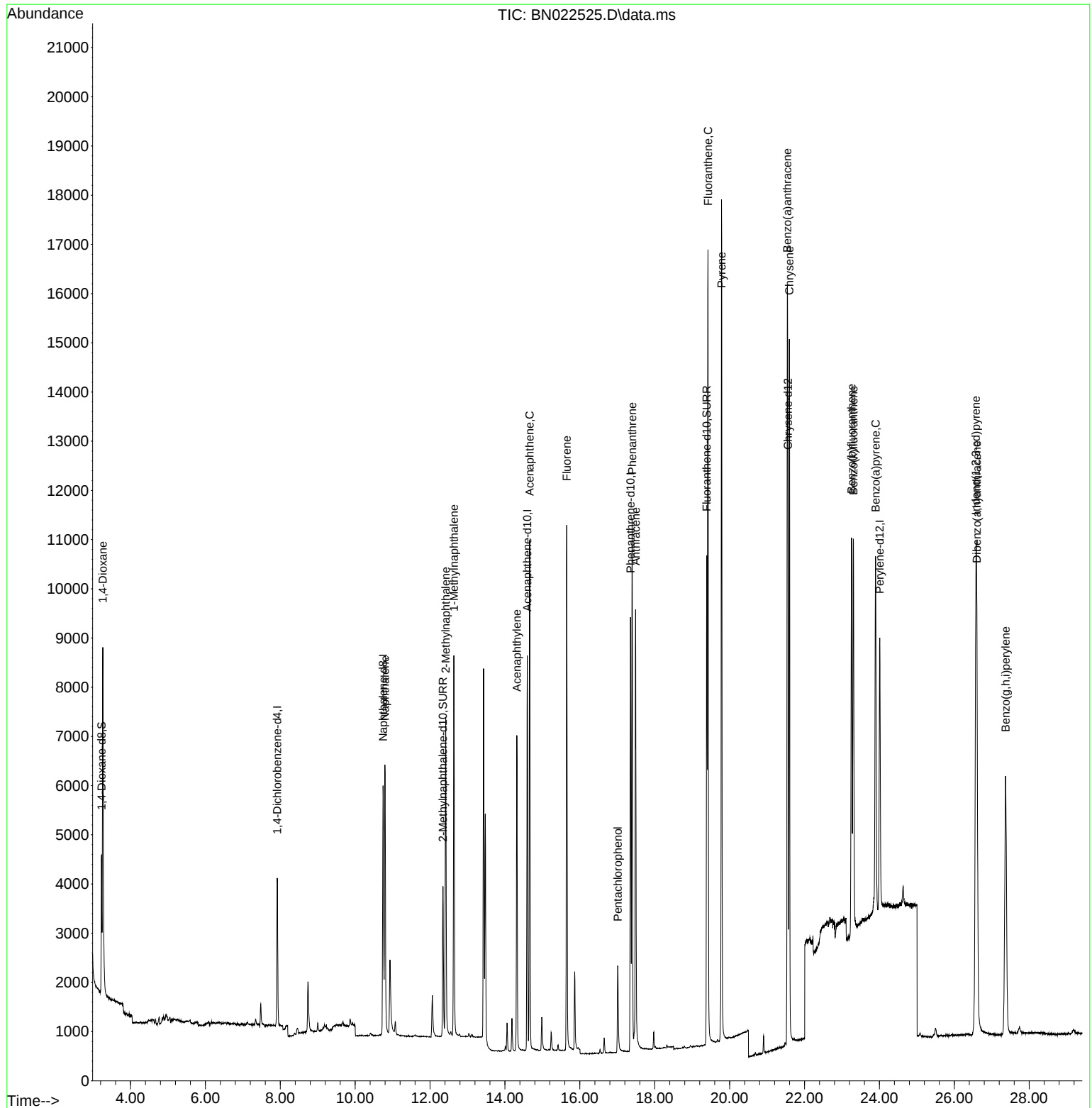
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	1781	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	7322	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.595	164	4478	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	9823	0.400	ng/ul	0.00
17) Chrysene-d12	21.558	240	8367	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	7986	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	2012	0.869	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	4217	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	10355	0.369	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	5195	2.186	ng/ul#	85
5) Naphthalene	10.794	128	7870	0.364	ng/ul	98
7) 2-Methylnaphthalene	12.417	142	5039	0.370	ng/ul	100
8) 1-Methylnaphthalene	12.636	142	5502	0.392	ng/ul	100
10) Acenaphthylene	14.318	152	7545	0.375	ng/ul	99
11) Acenaphthene	14.660	153	6055	0.357	ng/ul	100
12) Fluorene	15.650	166	6936	0.352	ng/ul	98
14) Pentachlorophenol	17.011	266	1449	0.620	ng/ul	99
15) Phenanthrene	17.395	178	11765	0.357	ng/ul	99
16) Anthracene	17.488	178	10373	0.373	ng/ul	98
19) Fluoranthene	19.421	202	13710	0.358	ng/ul	99
20) Pyrene	19.784	202	14385	0.374	ng/ul	98
21) Benzo(a)anthracene	21.541	228	12184	0.389	ng/ul	97
22) Chrysene	21.596	228	12244	0.368	ng/ul	99
24) Benzo(b)fluoranthene	23.254	252	10800	0.269	ng/ul	92
25) Benzo(k)fluoranthene	23.303	252	10957	0.281	ng/ul#	93
26) Benzo(a)pyrene	23.897	252	10994	0.344	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.578	276	14466	0.364	ng/ul	100
28) Dibenzo(a,h)anthracene	26.601	278	11465	0.361	ng/ul	95
29) Benzo(g,h,i)perylene	27.369	276	11768	0.363	ng/ul	99

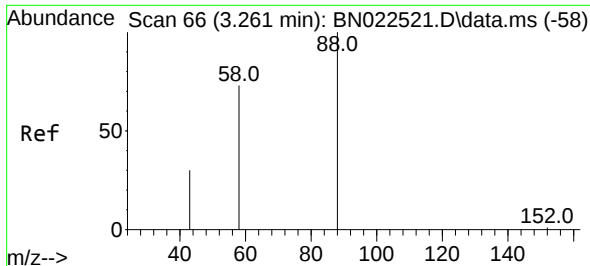
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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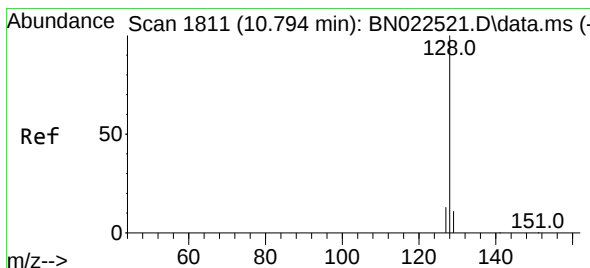
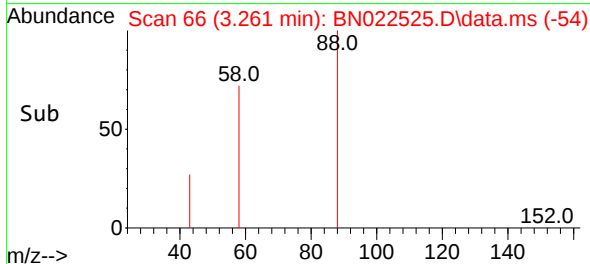
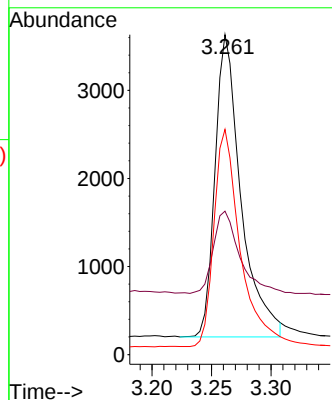
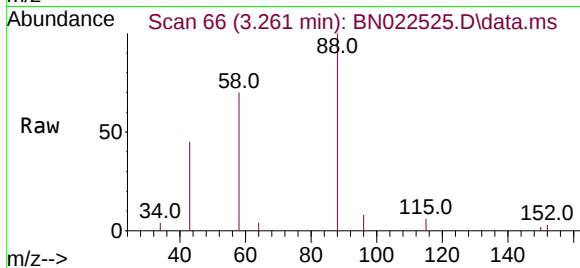




#2
1,4-Dioxane
Concen: 2.186 ng/ul
RT: 3.261 min Scan# 66
Delta R.T. -0.000 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

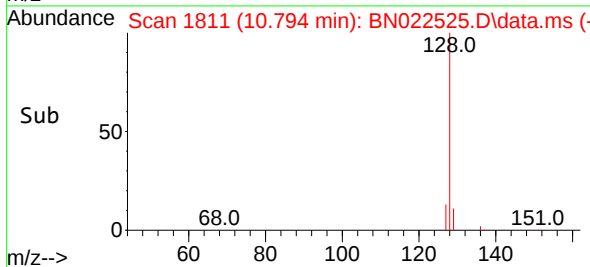
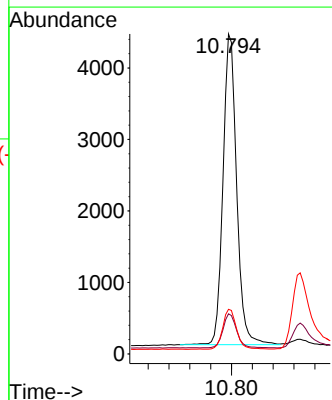
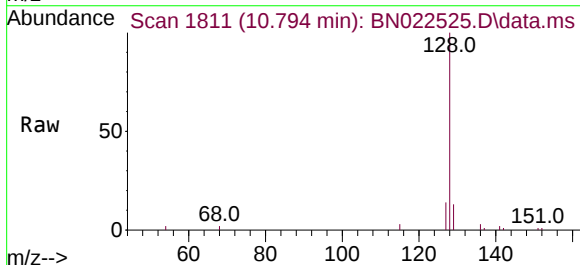
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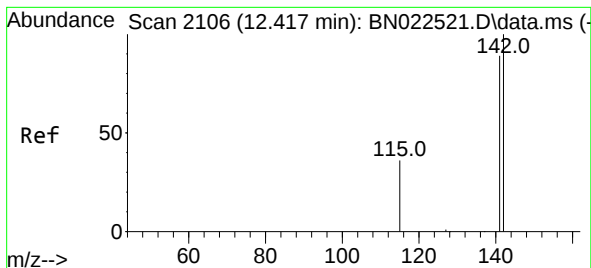
Tgt Ion: 88 Resp: 5195
Ion Ratio Lower Upper
88 100
43 44.8 27.4 41.2#
58 70.4 48.2 72.2



#5
Naphthalene
Concen: 0.364 ng/ul
RT: 10.794 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

Tgt Ion: 128 Resp: 7870
Ion Ratio Lower Upper
128 100
129 12.5 9.3 13.9
127 13.9 10.7 16.1

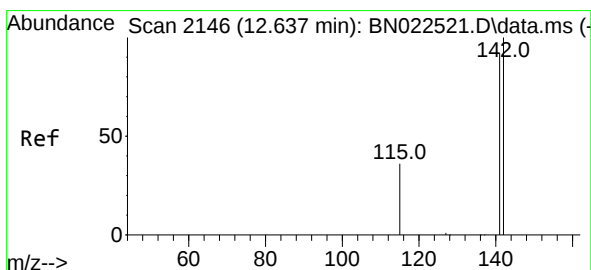
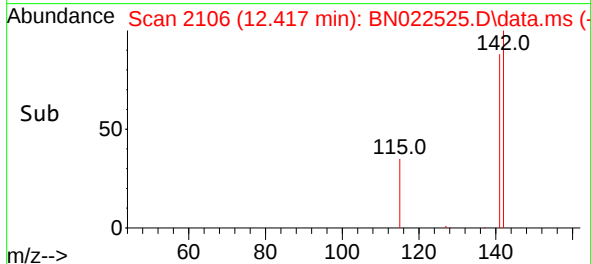
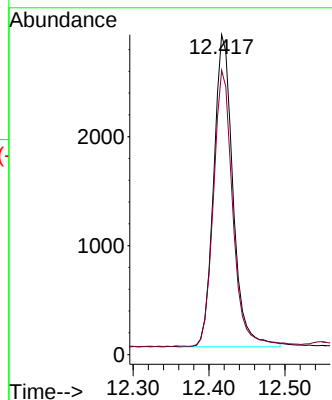
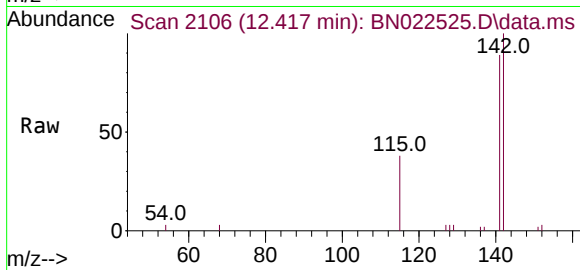




#7
2-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.417 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

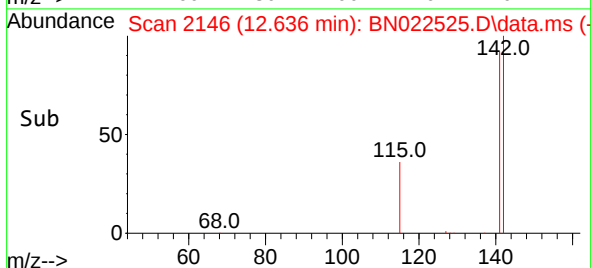
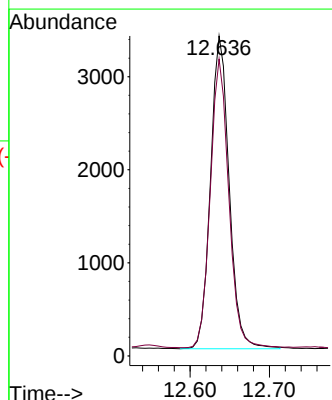
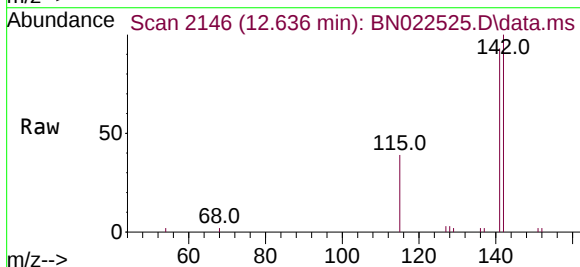
Instrument :
BNA_N
ClientSampleId :
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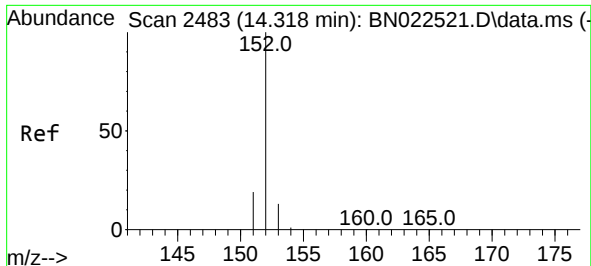
Tgt Ion:142 Resp: 5039
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.636 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

Tgt Ion:142 Resp: 5502
Ion Ratio Lower Upper
142 100
141 91.3 73.3 109.9

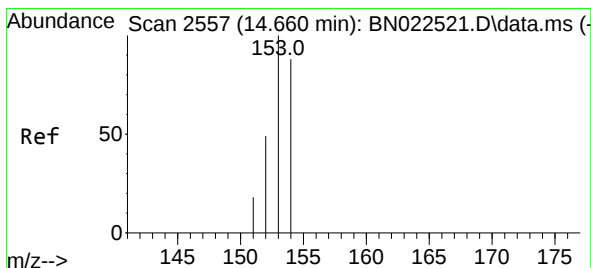
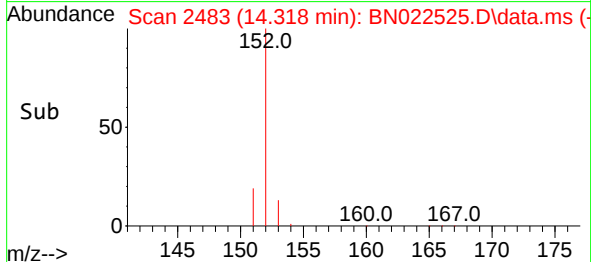
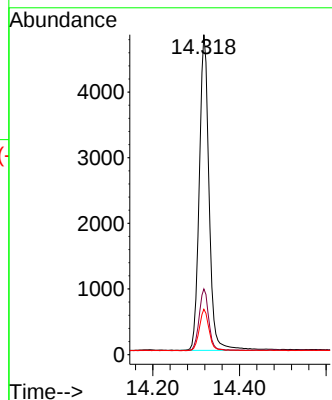
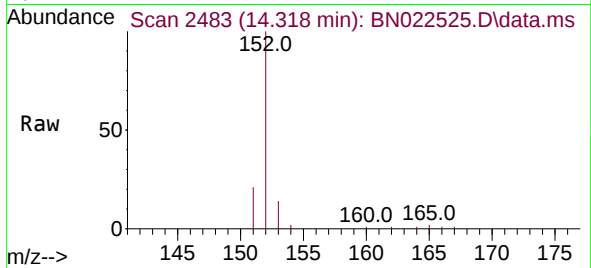




#10
Acenaphthylene
Concen: 0.375 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

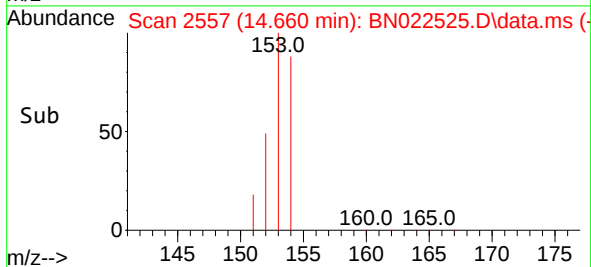
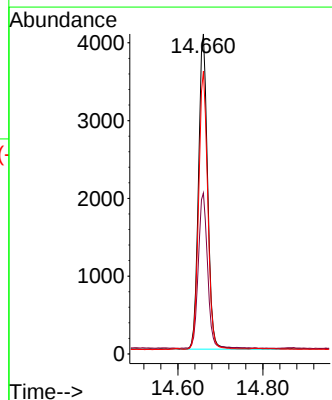
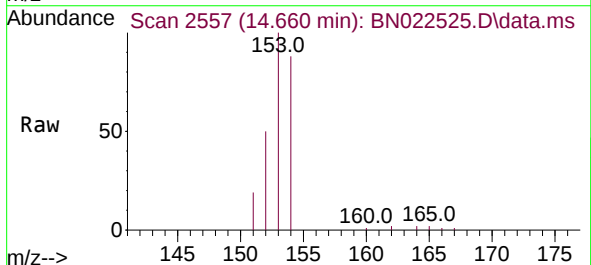
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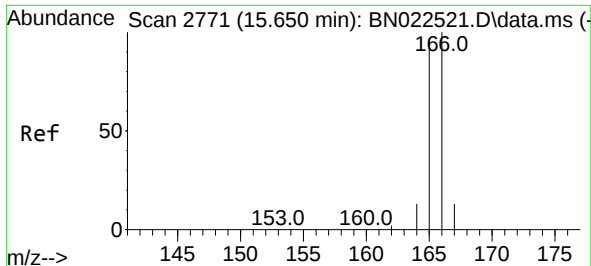
Tgt Ion:152 Resp: 7545
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 14.2 10.8 16.2



#11
Acenaphthene
Concen: 0.357 ng/ul
RT: 14.660 min Scan# 2557
Delta R.T. -0.000 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

Tgt Ion:153 Resp: 6055
Ion Ratio Lower Upper
153 100
152 50.3 40.6 61.0
154 88.4 70.6 106.0

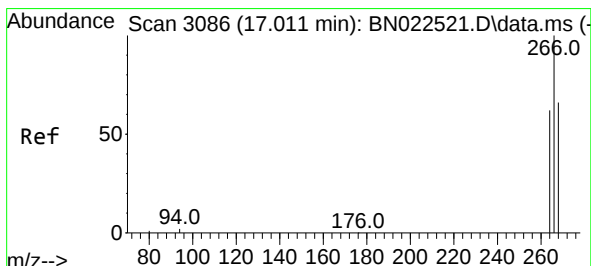
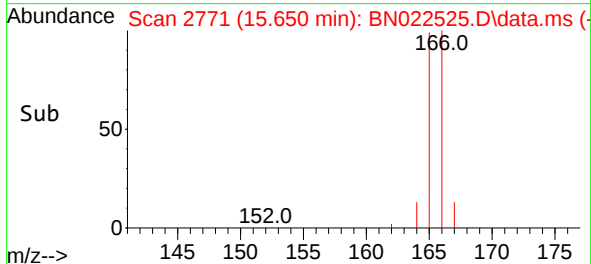
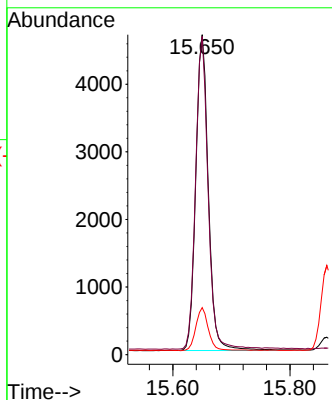
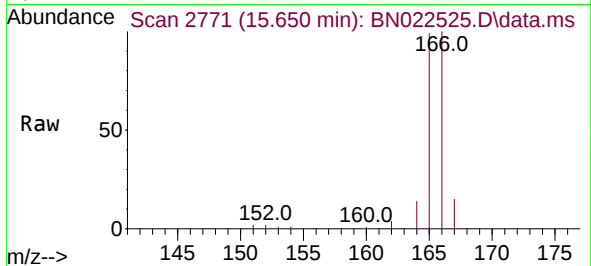




#12
 Fluorene
 Concen: 0.352 ng/ul
 RT: 15.650 min Scan# 2771
 Delta R.T. -0.000 min
 Lab File: BN022525.D
 Acq: 07 Nov 2022 13:45

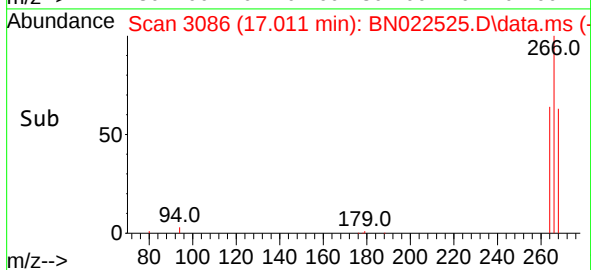
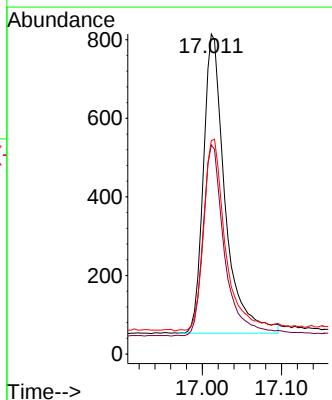
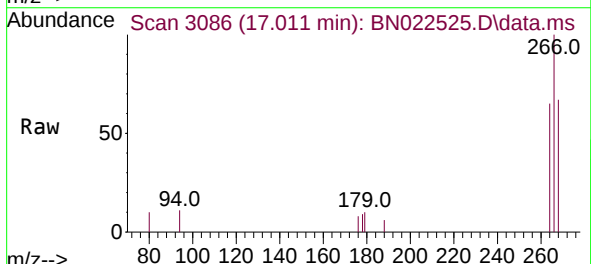
Instrument :
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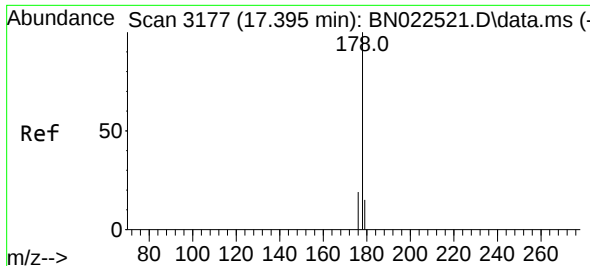
Tgt Ion:166	Resp:	6936
Ion Ratio	Lower	Upper
166	100	
165	99.4	78.2 117.2
167	14.7	11.0 16.4



#14
 Pentachlorophenol
 Concen: 0.620 ng/ul
 RT: 17.011 min Scan# 3086
 Delta R.T. -0.000 min
 Lab File: BN022525.D
 Acq: 07 Nov 2022 13:45

Tgt Ion:266	Resp:	1449
Ion Ratio	Lower	Upper
266	100	
264	63.4	49.8 74.6
268	65.0	51.4 77.2

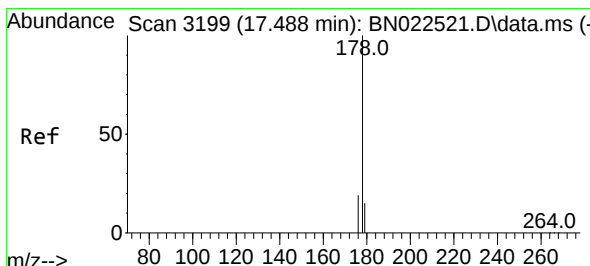
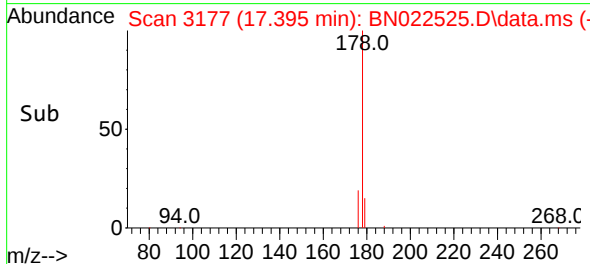
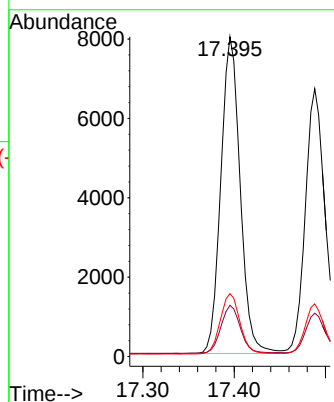
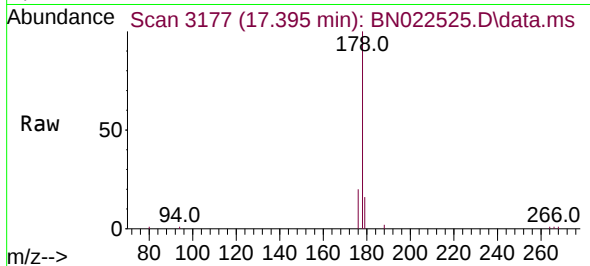




#15
Phenanthrene
Concen: 0.357 ng/ul
RT: 17.395 min Scan# 3177
Delta R.T. -0.000 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

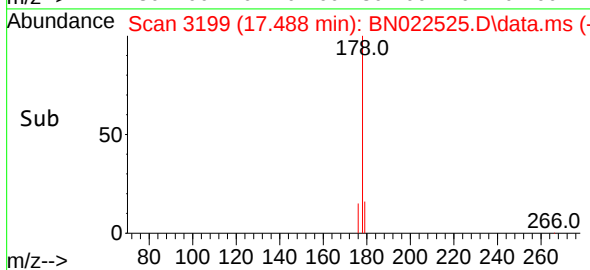
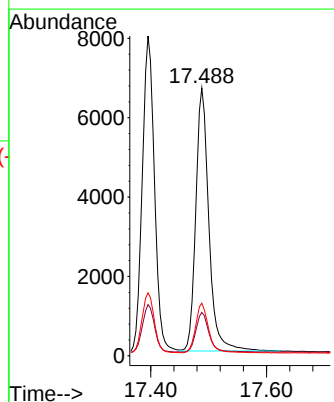
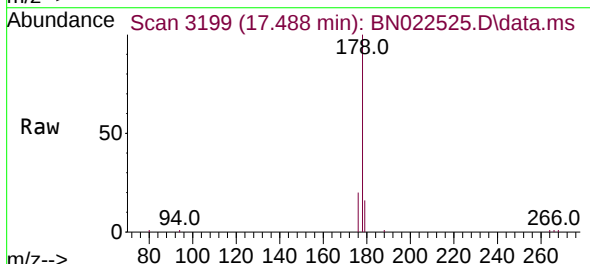
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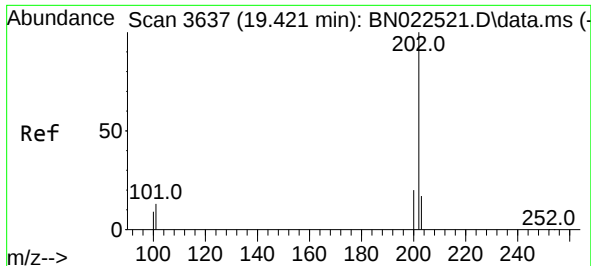
Tgt Ion:178 Resp: 11765
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.7 15.4 23.2



#16
Anthracene
Concen: 0.373 ng/ul
RT: 17.488 min Scan# 3199
Delta R.T. -0.000 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

Tgt Ion:178 Resp: 10373
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.7 15.0 22.6

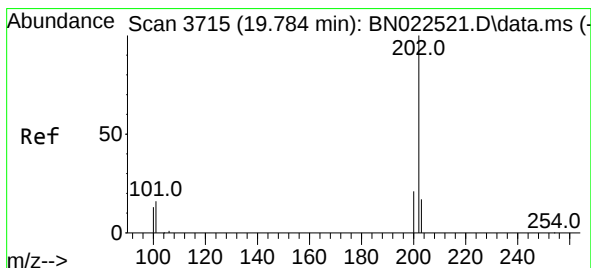
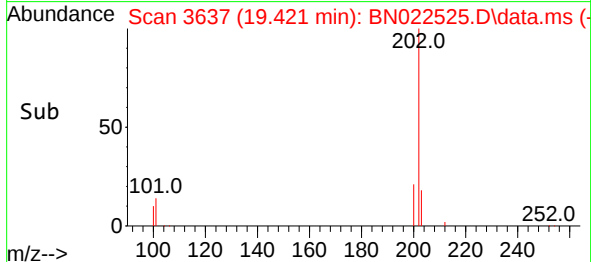
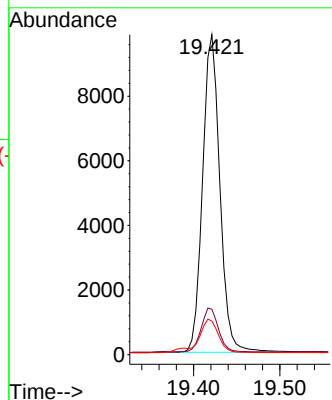
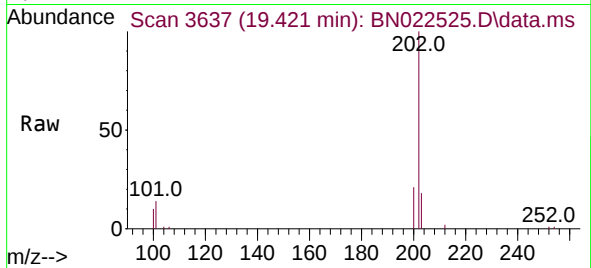




#19
Fluoranthene
Concen: 0.358 ng/ul
RT: 19.421 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

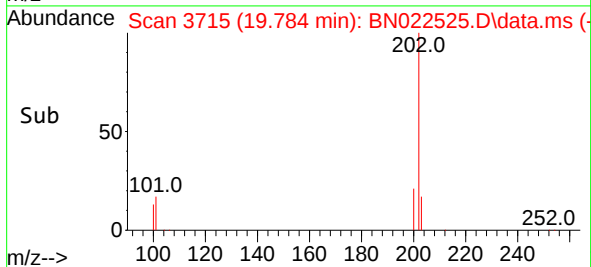
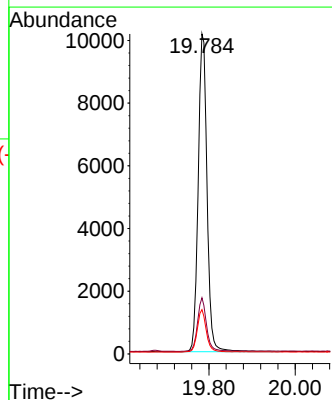
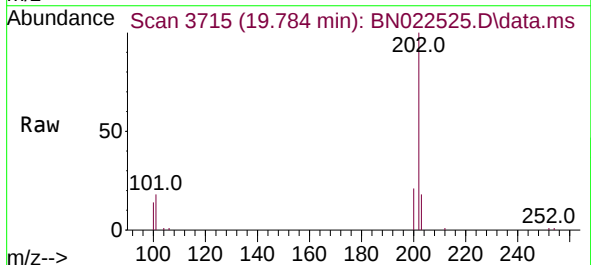
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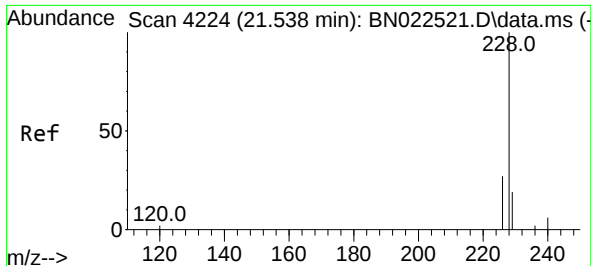
Tgt Ion:202 Resp: 13710
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 10.5 8.7 13.1



#20
Pyrene
Concen: 0.374 ng/ul
RT: 19.784 min Scan# 3715
Delta R.T. -0.000 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

Tgt Ion:202 Resp: 14385
Ion Ratio Lower Upper
202 100
101 17.5 13.1 19.7
100 13.8 10.6 16.0

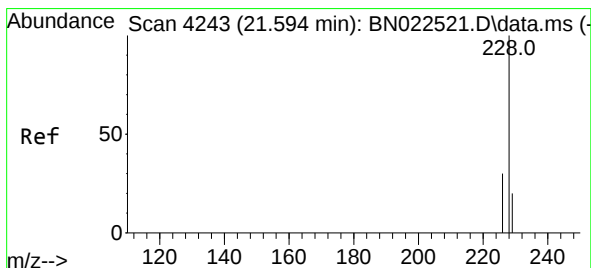
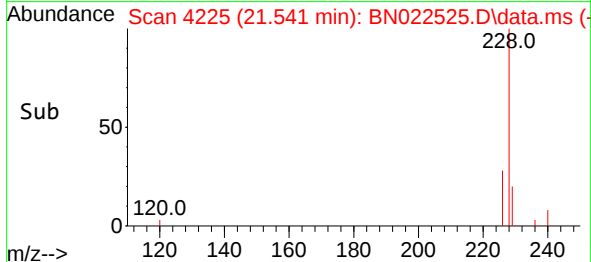
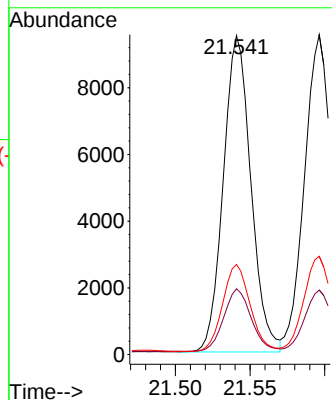
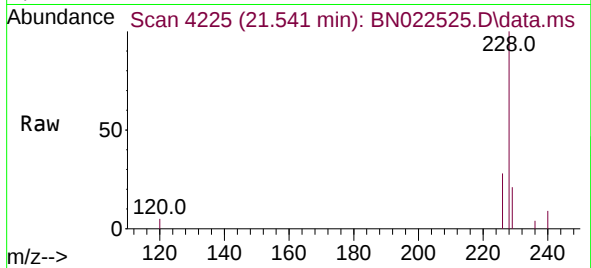




#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.541 min Scan# 4225
Delta R.T. 0.003 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

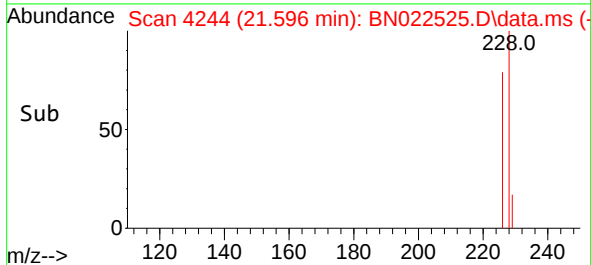
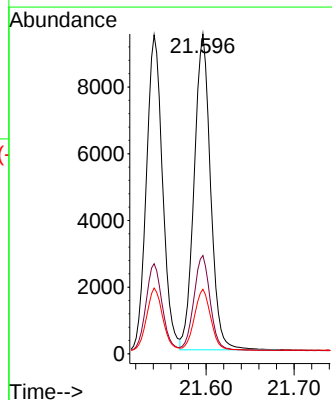
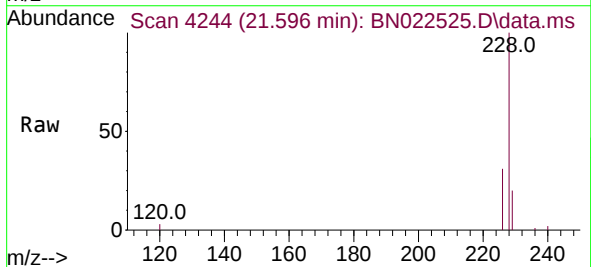
Instrument :
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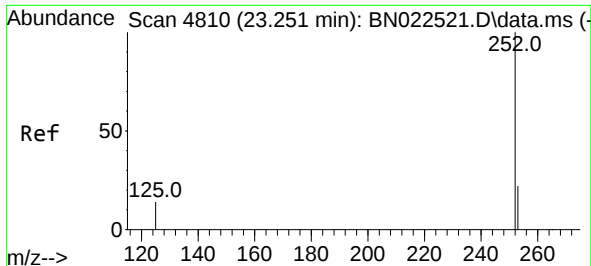
Tgt Ion:228	Resp:	12184
Ion Ratio	Lower	Upper
228	100	
229	20.6	15.7 23.5
226	28.3	21.5 32.3



#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.596 min Scan# 4244
Delta R.T. 0.003 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

Tgt Ion:228	Resp:	12244
Ion Ratio	Lower	Upper
228	100	
226	30.7	23.9 35.9
229	20.2	15.9 23.9

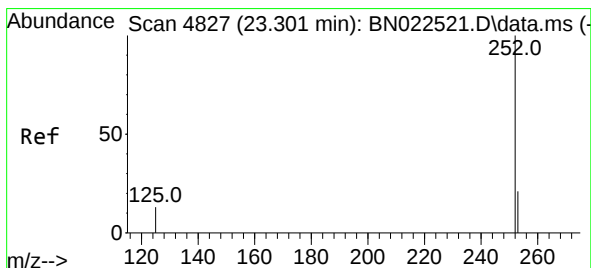
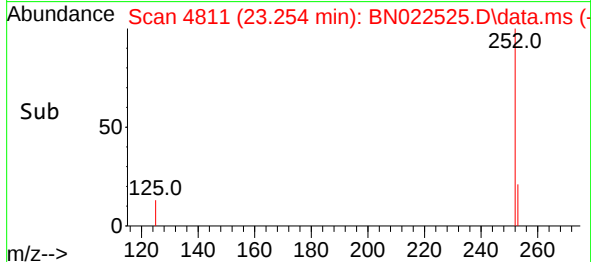
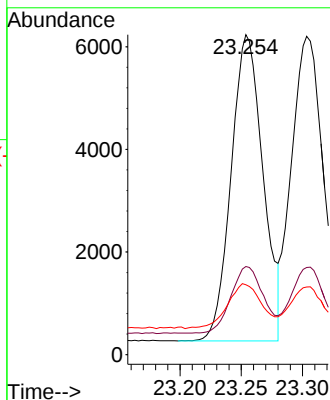
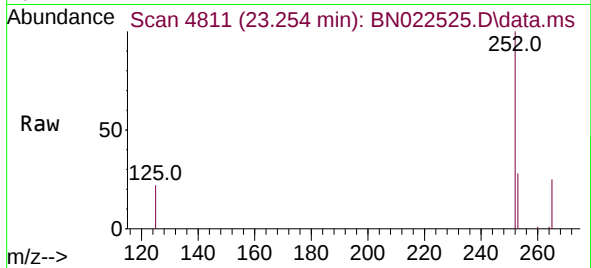




#24
Benzo(b)fluoranthene
Concen: 0.269 ng/ul
RT: 23.254 min Scan# 4811
Delta R.T. 0.003 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

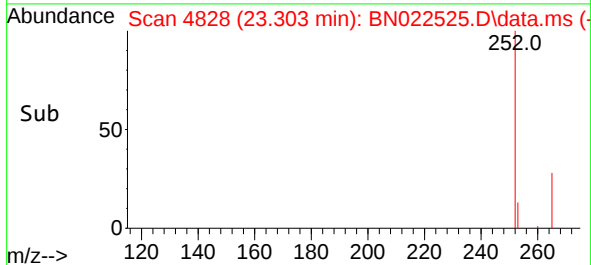
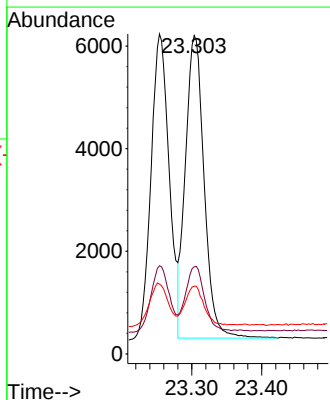
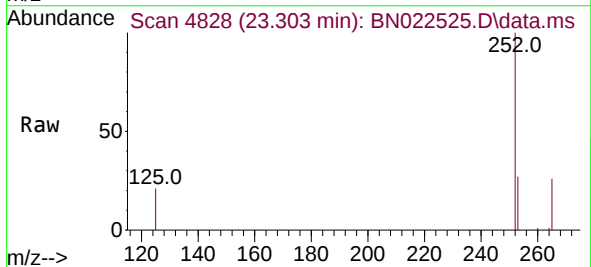
Instrument :
BNA_N
ClientSampleId :
SLCS656

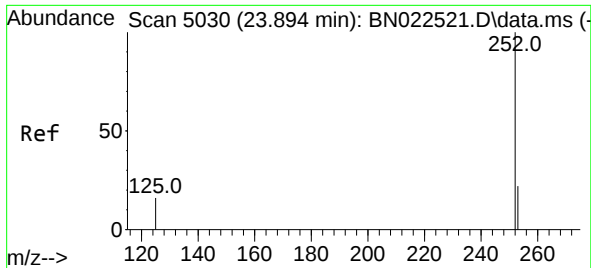
Tgt Ion:252 Resp: 10800
Ion Ratio Lower Upper
252 100
253 27.5 0.0 49.0
125 21.8 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.281 ng/ul
RT: 23.303 min Scan# 4828
Delta R.T. 0.003 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

Tgt Ion:252 Resp: 10957
Ion Ratio Lower Upper
252 100
253 27.4 19.7 29.5
125 21.3 14.0 21.0#

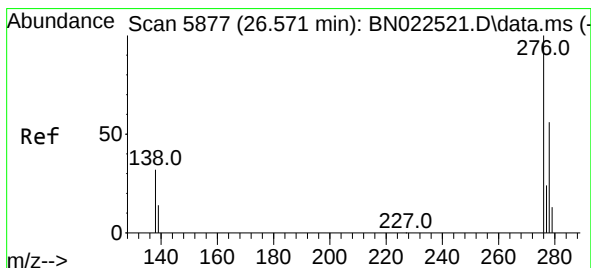
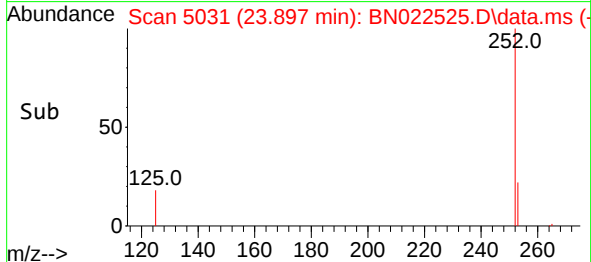
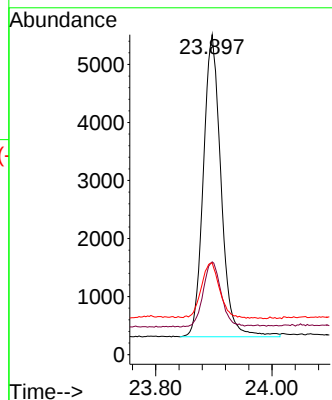
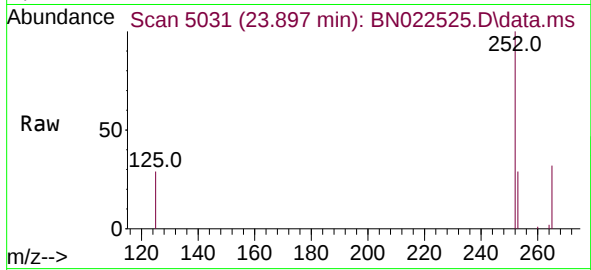




#26
Benzo(a)pyrene
Concen: 0.344 ng/ul
RT: 23.897 min Scan# 5031
Delta R.T. 0.003 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

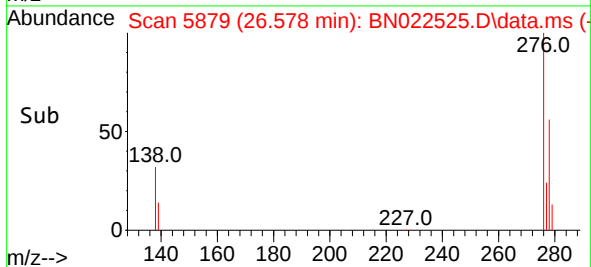
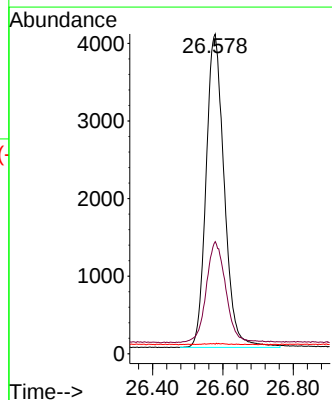
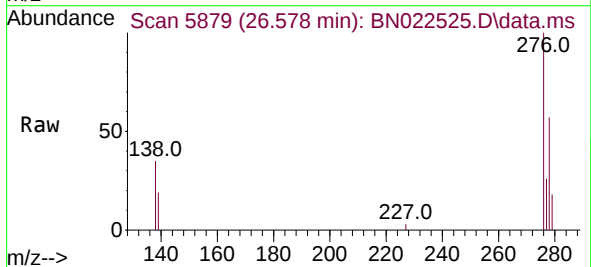
Instrument :
BNA_N
ClientSampleId :
SLCS656

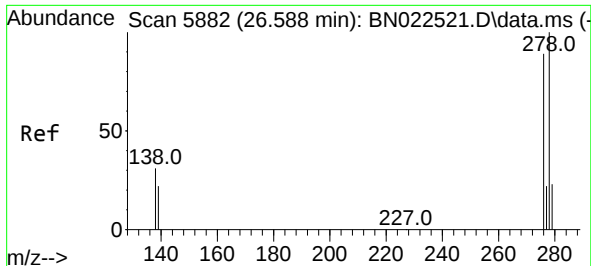
Tgt Ion:252 Resp: 10994
Ion Ratio Lower Upper
252 100
253 29.0 21.0 31.6
125 28.7 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 26.578 min Scan# 5879
Delta R.T. 0.007 min
Lab File: BN022525.D
Acq: 07 Nov 2022 13:45

Tgt Ion:276 Resp: 14466
Ion Ratio Lower Upper
276 100
138 34.7 27.7 41.5
227 0.2 0.2 0.2

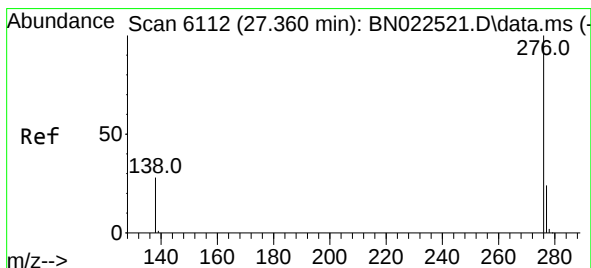
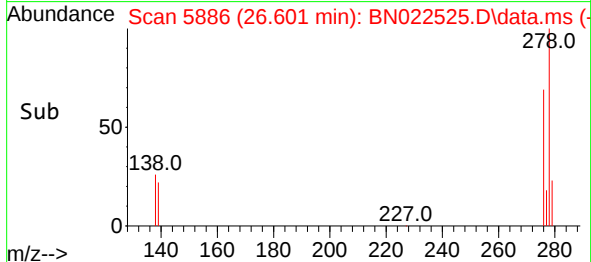
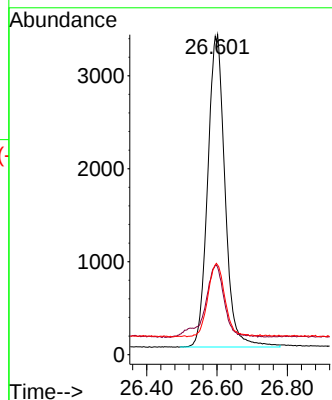
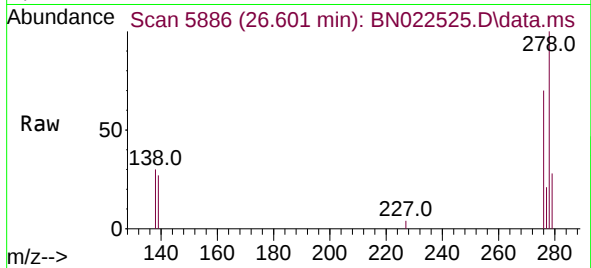




#28
 Dibenzo(a,h)anthracene
 Concen: 0.361 ng/ul
 RT: 26.601 min Scan# 5886
 Delta R.T. 0.013 min
 Lab File: BN022525.D
 Acq: 07 Nov 2022 13:45

Instrument :
 BNA_N
 ClientSampleId :
 SLCS656

Tgt Ion:278 Resp: 11465
 Ion Ratio Lower Upper
 278 100
 139 27.2 19.6 29.4
 279 28.0 20.6 30.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.363 ng/ul
 RT: 27.369 min Scan# 6115
 Delta R.T. 0.010 min
 Lab File: BN022525.D
 Acq: 07 Nov 2022 13:45

Tgt Ion:276 Resp: 11768
 Ion Ratio Lower Upper
 276 100
 138 32.0 25.2 37.8
 277 26.0 19.9 29.9

