

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022323.D
 Acq On : 25 Oct 2022 13:26
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 27 05:13:28 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 : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

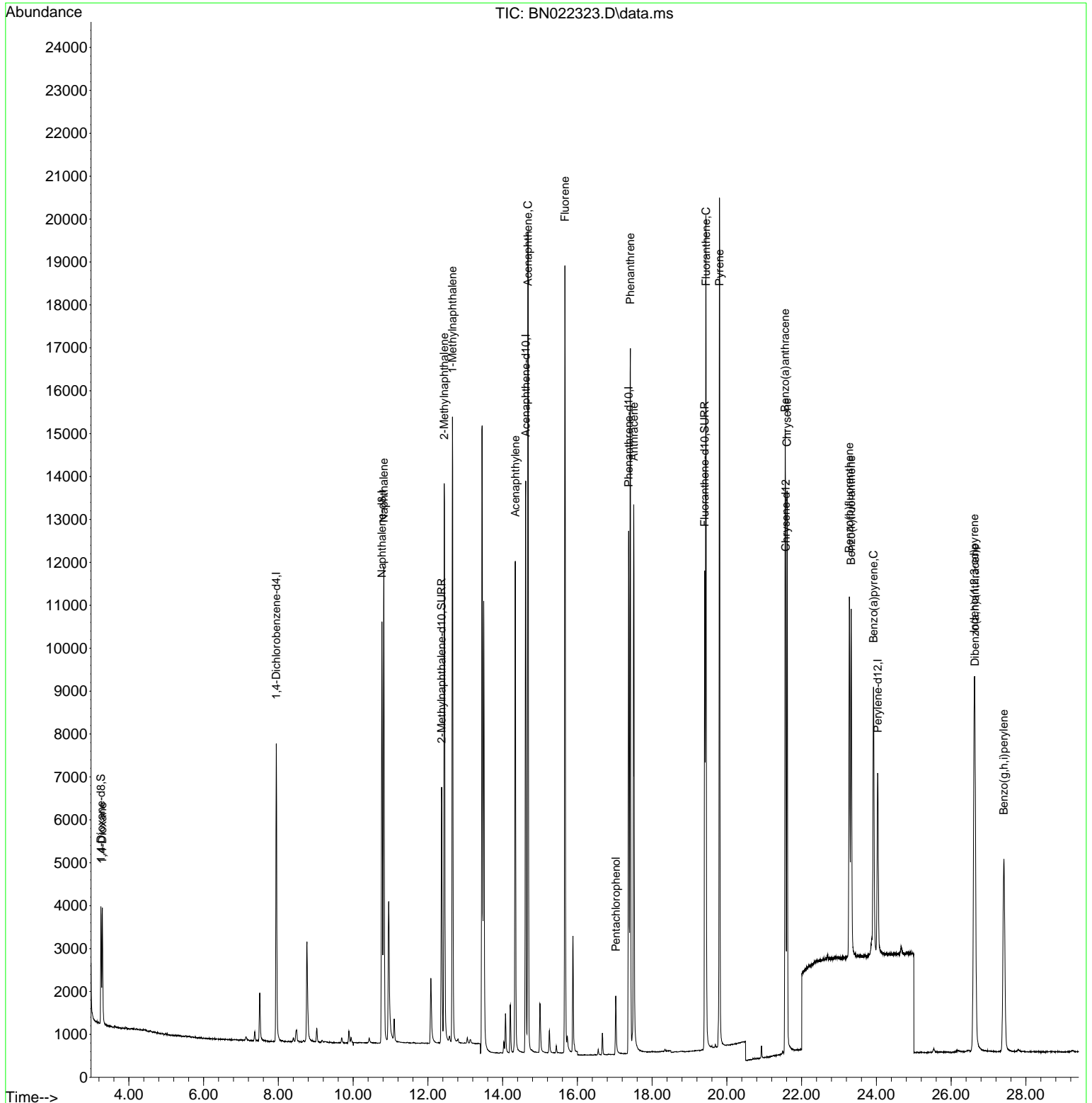
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	3928	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	13710	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	7729	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	13962	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	7589	0.400	ng/ul	0.00
23) Perylene-d12	24.040	264	6379	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	1787	0.350	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	8216	0.396	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	12112	0.475	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.291	88	1882	0.359	ng/ul#	88
5) Naphthalene	10.822	128	15547	0.384	ng/ul	100
7) 2-Methylnaphthalene	12.439	142	10019	0.393	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	10343	0.394	ng/ul	100
10) Acenaphthylene	14.341	152	13818	0.398	ng/ul	100
11) Acenaphthene	14.679	153	11089	0.379	ng/ul	99
12) Fluorene	15.669	166	11936	0.351	ng/ul	97
14) Pentachlorophenol	17.028	266	1099	0.331	ng/ul	98
15) Phenanthrene	17.417	178	17854	0.381	ng/ul	100
16) Anthracene	17.510	178	15268	0.387	ng/ul	99
19) Fluoranthene	19.440	202	16270	0.468	ng/ul	100
20) Pyrene	19.802	202	16058	0.460	ng/ul	99
21) Benzo(a)anthracene	21.559	228	11535	0.406	ng/ul	98
22) Chrysene	21.611	228	11778	0.391	ng/ul	98
24) Benzo(b)fluoranthene	23.277	252	11246	0.351	ng/ul	94
25) Benzo(k)fluoranthene	23.327	252	11150	0.358	ng/ul	94
26) Benzo(a)pyrene	23.923	252	9791	0.383	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.622	276	12565	0.396	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.639	278	9972	0.393	ng/ul	98
29) Benzo(g,h,i)perylene	27.413	276	10477	0.405	ng/ul	99

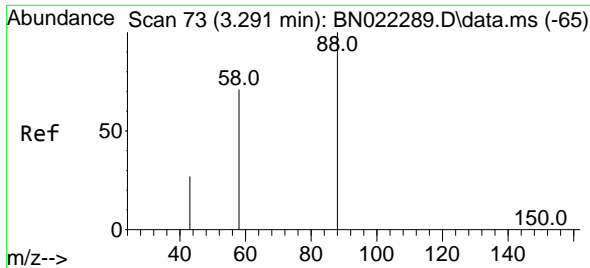
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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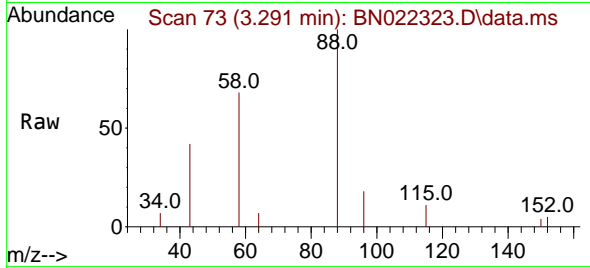
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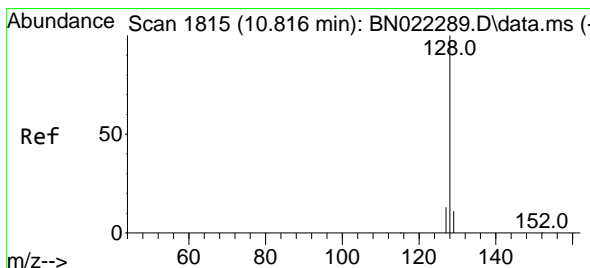
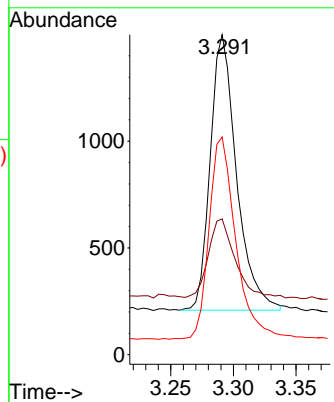
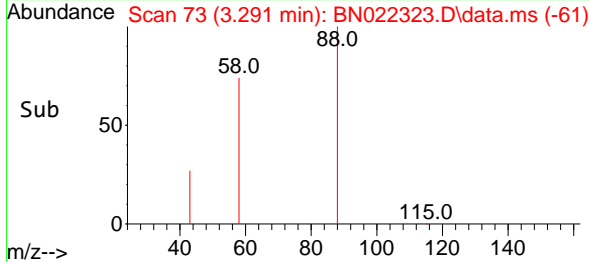


#2
 1,4-Dioxane
 Concen: 0.359 ng/u1
 RT: 3.291 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

Instrument :
 BNA_N
 ClientSampleId :

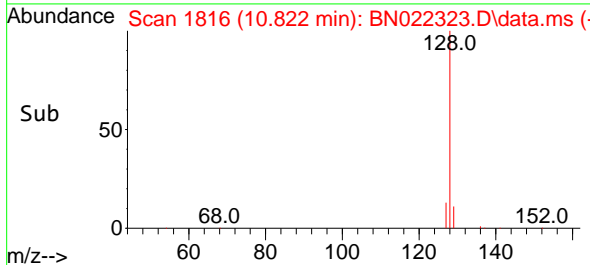
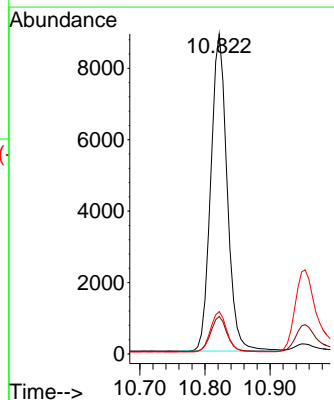
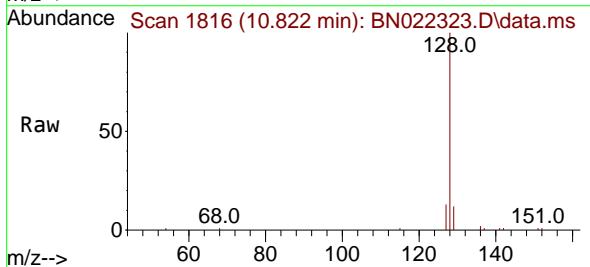


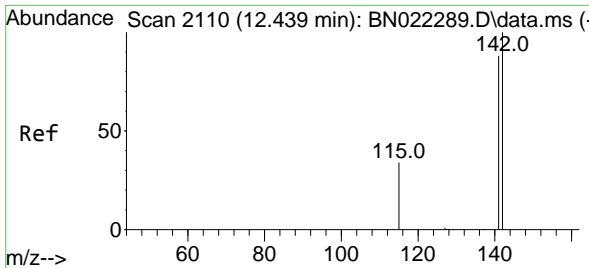
Tgt Ion: 88 Resp: 1882
 Ion Ratio Lower Upper
 88 100
 43 42.4 27.4 41.2#
 58 68.0 48.2 72.2



#5
 Naphthalene
 Concen: 0.384 ng/u1
 RT: 10.822 min Scan# 1816
 Delta R.T. 0.000 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

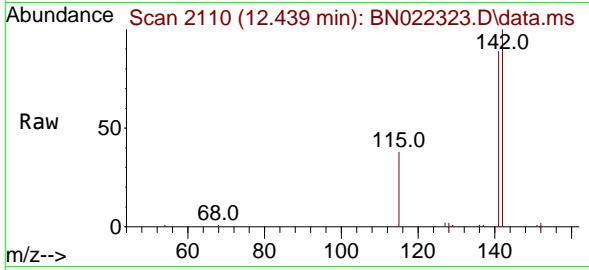
Tgt Ion:128 Resp: 15547
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.3 13.9
 127 13.3 10.7 16.1



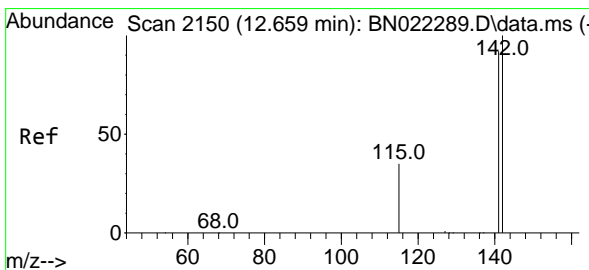
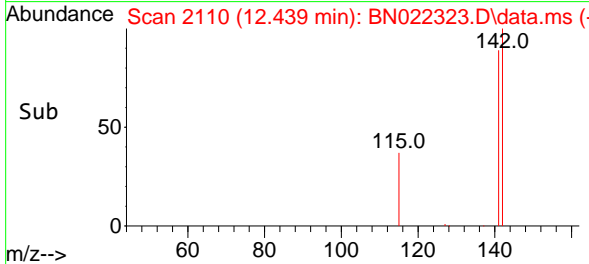
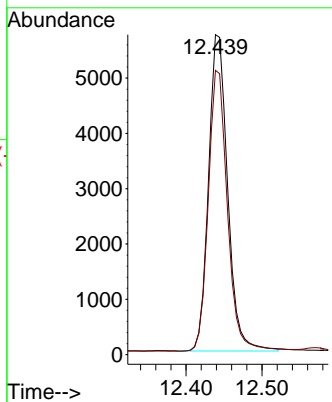


#7
 2-Methylnaphthalene
 Concen: 0.393 ng/u1
 RT: 12.439 min Scan# 2110
 Delta R.T. -0.005 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

Instrument : BNA_N
 ClientSampleId :

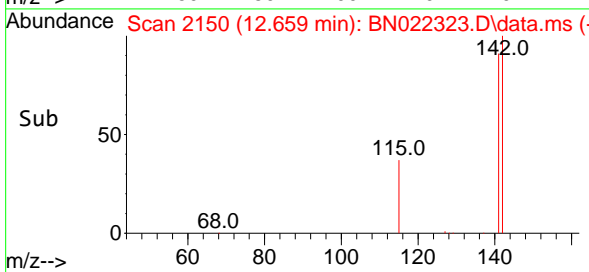
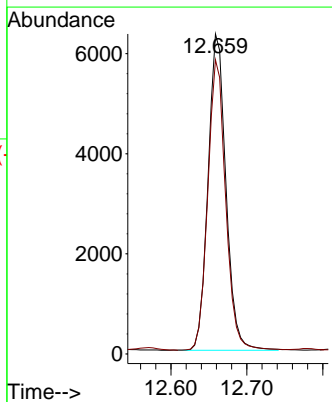
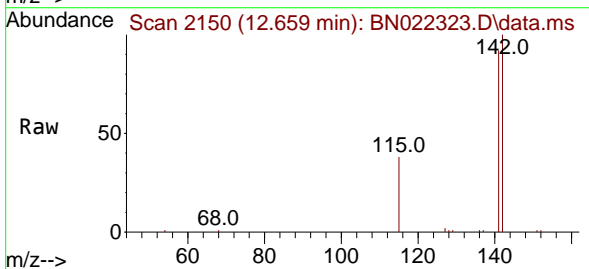


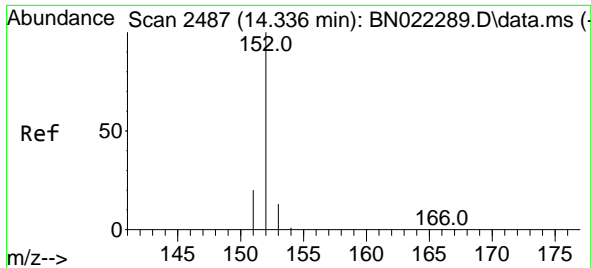
Tgt Ion:142 Resp: 10019
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.1 106.7



#8
 1-Methylnaphthalene
 Concen: 0.394 ng/u1
 RT: 12.659 min Scan# 2150
 Delta R.T. -0.005 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

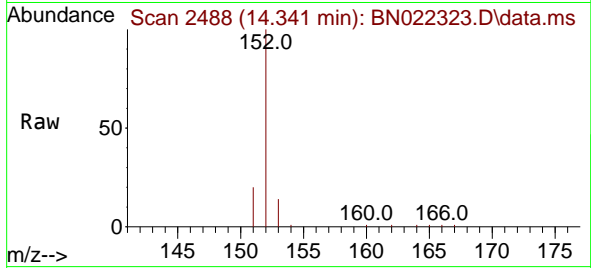
Tgt Ion:142 Resp: 10343
 Ion Ratio Lower Upper
 142 100
 141 91.6 73.3 109.9



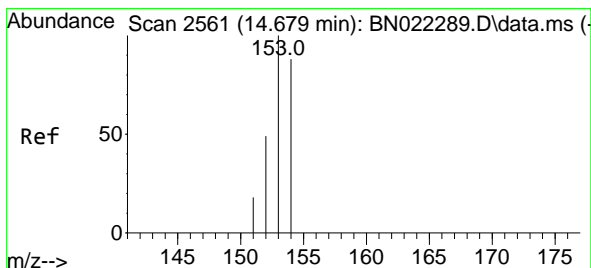
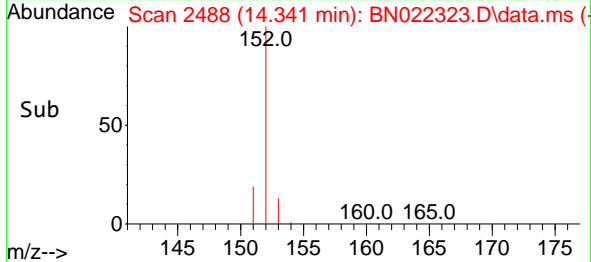
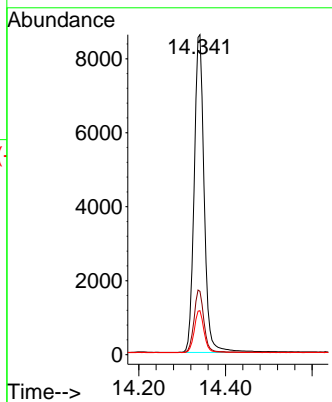


#10
 Acenaphthylene
 Concen: 0.398 ng/u1
 RT: 14.341 min Scan# 2488
 Delta R.T. 0.000 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

Instrument :
 BNA_N
 ClientSampleId :

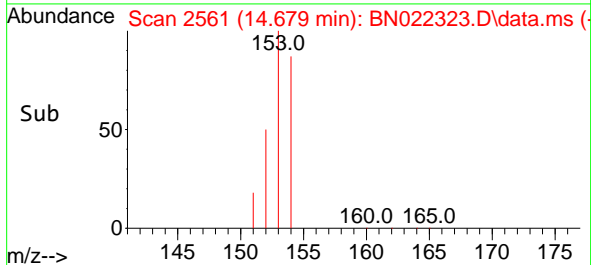
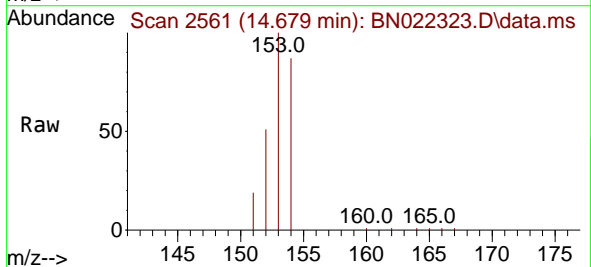
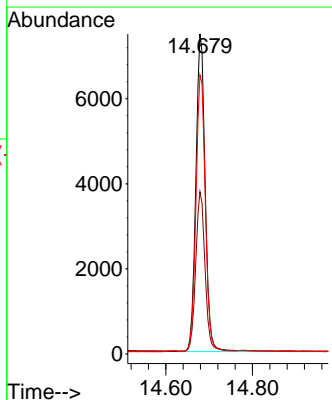


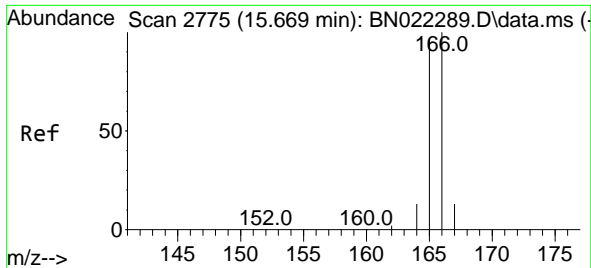
Tgt Ion:152 Resp: 13818
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.9 23.9
 153 13.7 10.8 16.2



#11
 Acenaphthene
 Concen: 0.379 ng/u1
 RT: 14.679 min Scan# 2561
 Delta R.T. -0.005 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

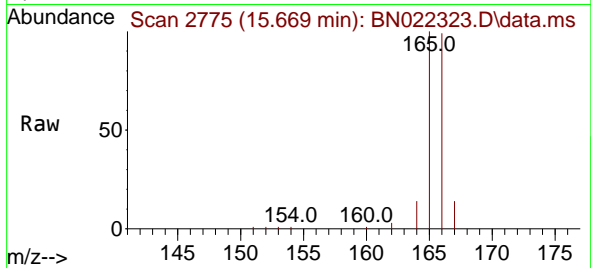
Tgt Ion:153 Resp: 11089
 Ion Ratio Lower Upper
 153 100
 152 50.7 40.6 61.0
 154 87.2 70.6 106.0



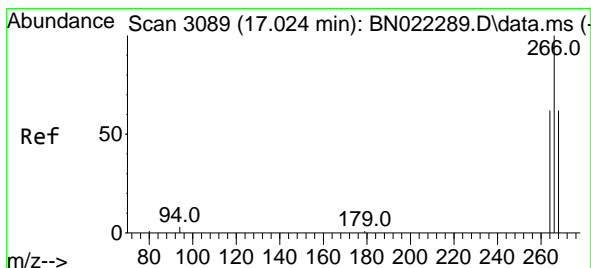
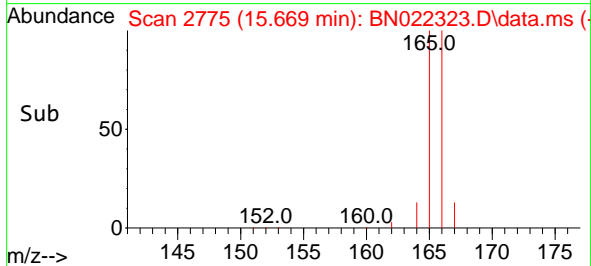
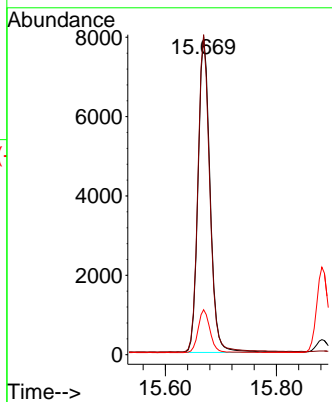


#12
 Fluorene
 Concen: 0.351 ng/uI
 RT: 15.669 min Scan# 2119
 Delta R.T. -0.005 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

Instrument :
 BNA_N
 ClientSampleId :

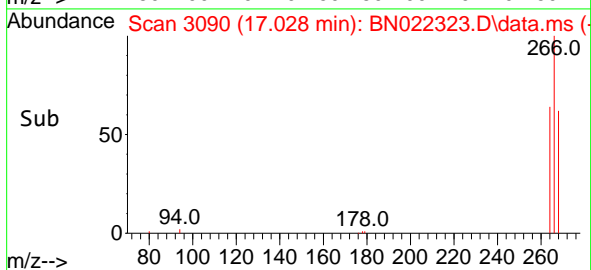
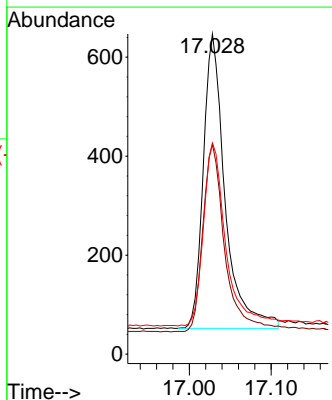
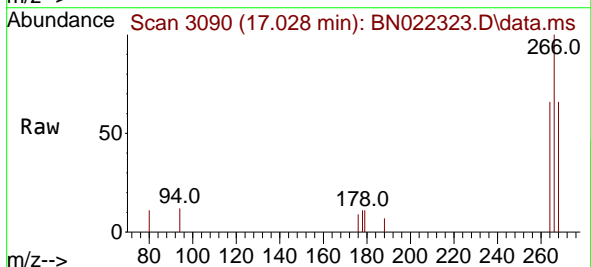


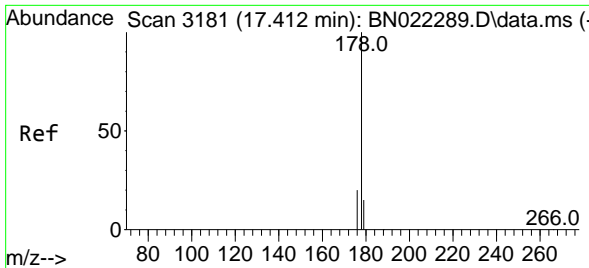
Tgt Ion:166 Resp: 11936
 Ion Ratio Lower Upper
 166 100
 165 100.6 78.2 117.2
 167 14.1 11.0 16.4



#14
 Pentachlorophenol
 Concen: 0.331 ng/uI
 RT: 17.028 min Scan# 3090
 Delta R.T. 0.000 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

Tgt Ion:266 Resp: 1099
 Ion Ratio Lower Upper
 266 100
 264 64.6 49.8 74.6
 268 64.5 51.4 77.2



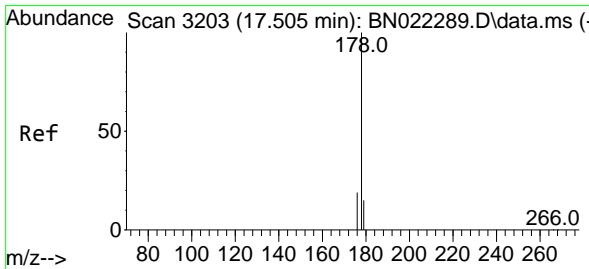
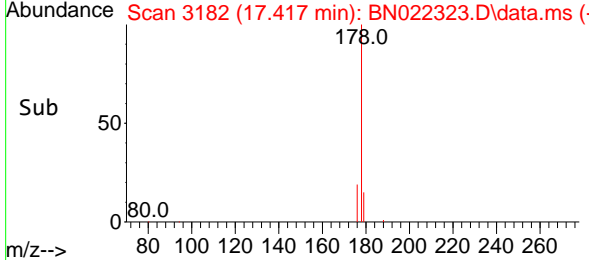
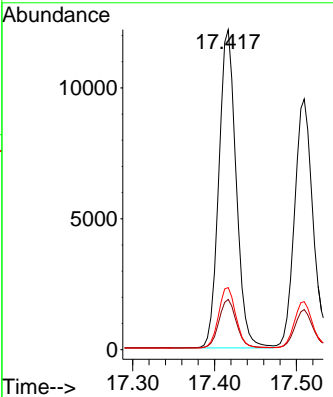
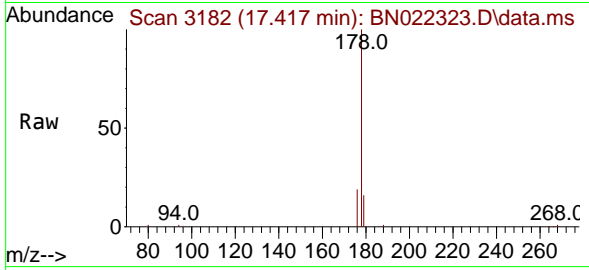


#15
 Phenanthrene
 Concen: 0.381 ng/u1
 RT: 17.417 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

Instrument : BNA_N
 ClientSampleId :

Tgt Ion:178 Resp: 17854

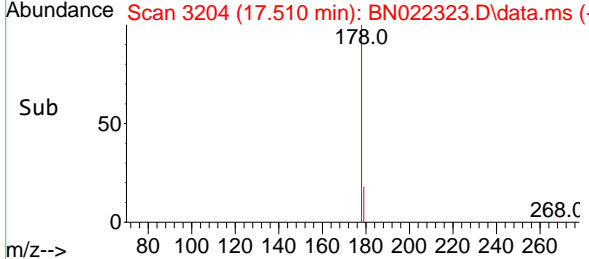
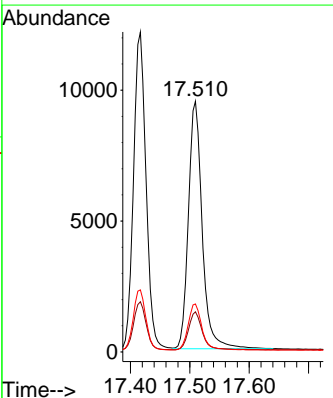
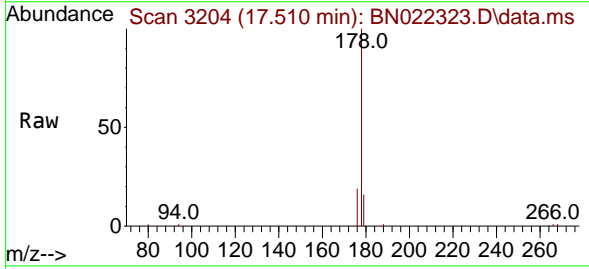
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.7	19.1
176	19.4	15.4	23.2

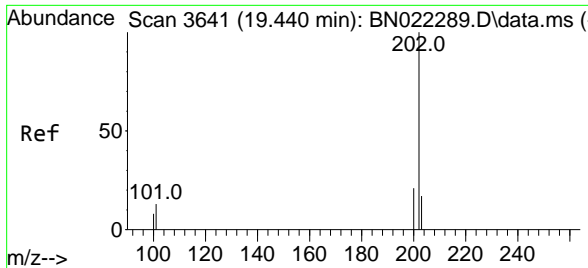


#16
 Anthracene
 Concen: 0.387 ng/u1
 RT: 17.510 min Scan# 3204
 Delta R.T. 0.000 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

Tgt Ion:178 Resp: 15268

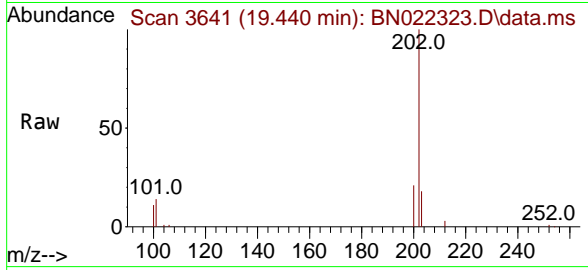
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	19.1	15.0	22.6





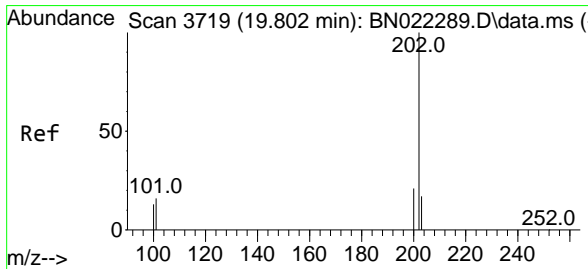
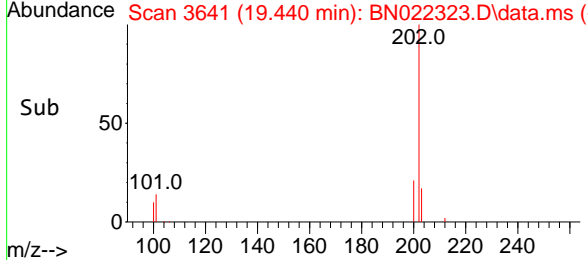
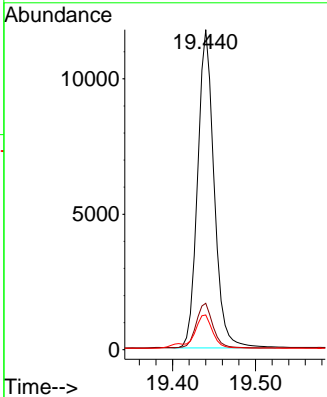
#19
 Fluoranthene
 Concen: 0.468 ng/u1
 RT: 19.440 min Scan# 3641
 Delta R.T. 0.000 min
 Lab File: BN022323.D
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Tgt Ion:202 Resp: 16270

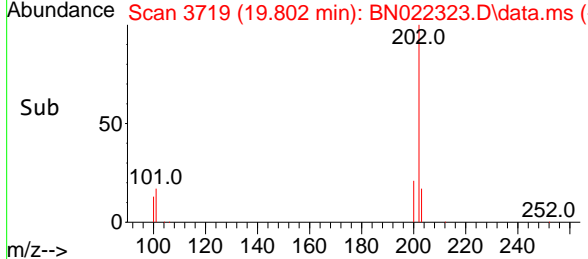
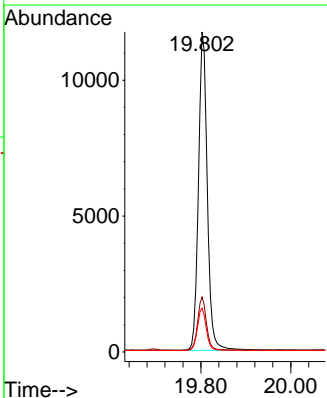
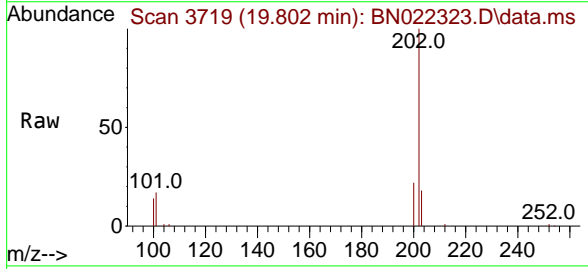
Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.8	17.6
100	10.8	8.7	13.1

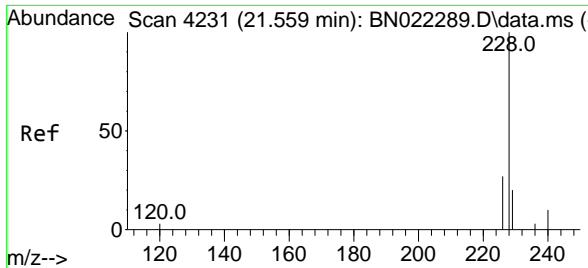


#20
 Pyrene
 Concen: 0.460 ng/u1
 RT: 19.802 min Scan# 3719
 Delta R.T. 0.000 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

Tgt Ion:202 Resp: 16058

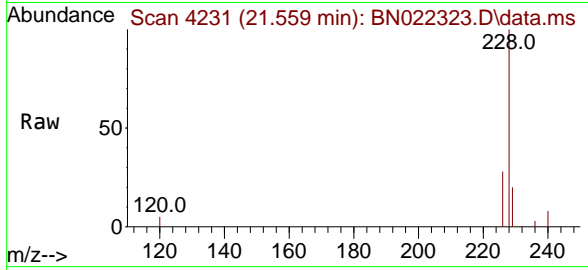
Ion	Ratio	Lower	Upper
202	100		
101	17.1	13.1	19.7
100	13.7	10.6	16.0



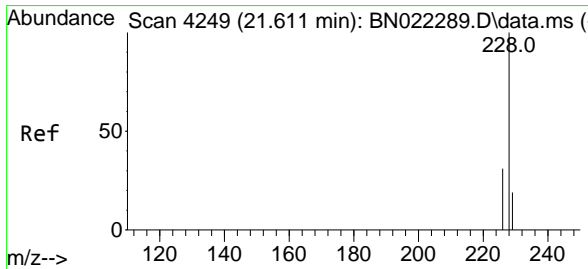
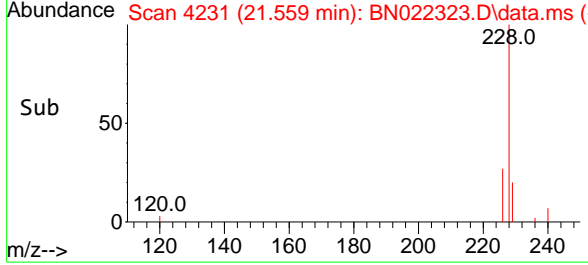
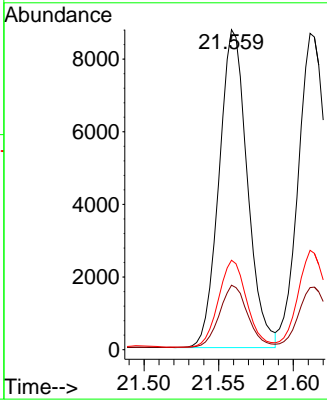


#21
 Benzo(a)anthracene
 Concen: 0.406 ng/u1
 RT: 21.559 min Scan# 4231
 Delta R.T. 0.000 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

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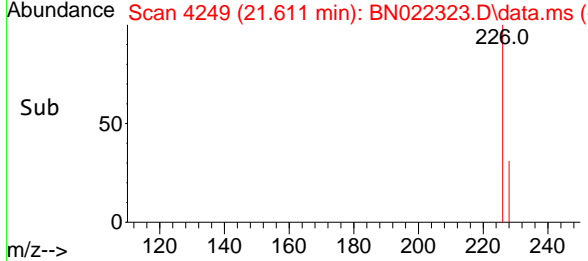
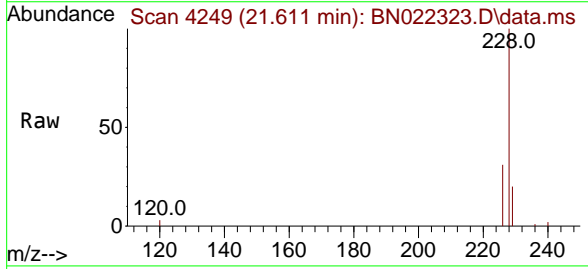
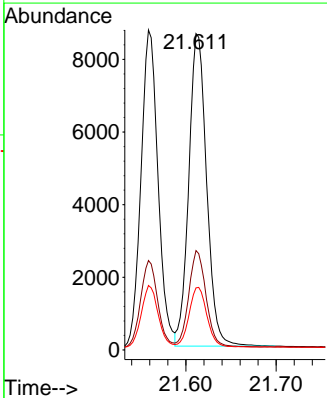


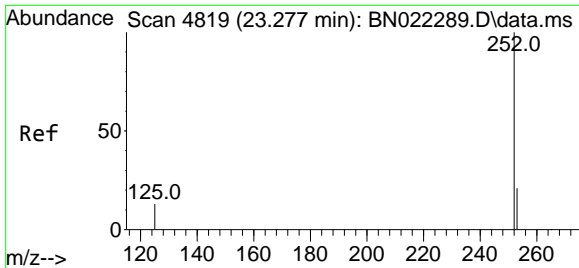
Tgt Ion:228 Resp: 11535
 Ion Ratio Lower Upper
 228 100
 229 20.1 15.7 23.5
 226 28.0 21.5 32.3



#22
 Chrysene
 Concen: 0.391 ng/u1
 RT: 21.611 min Scan# 4249
 Delta R.T. 0.000 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

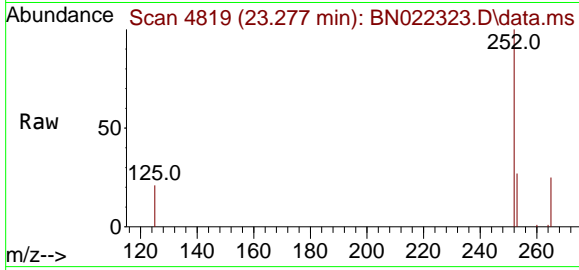
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 Ion Ratio Lower Upper
 228 100
 226 31.4 23.9 35.9
 229 19.6 15.9 23.9





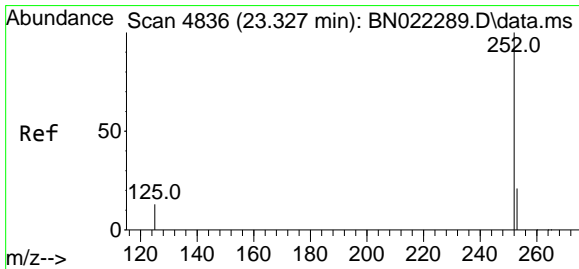
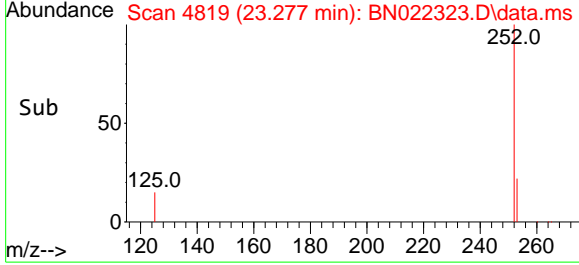
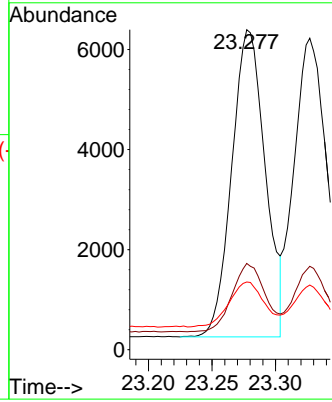
#24
 Benzo(b)fluoranthene
 Concen: 0.351 ng/u1
 RT: 23.277 min Scan# 4819
 Delta R.T. 0.000 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:252 Resp: 11246

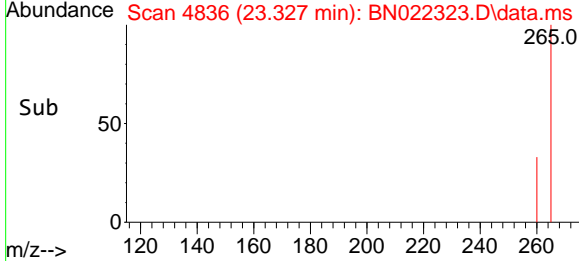
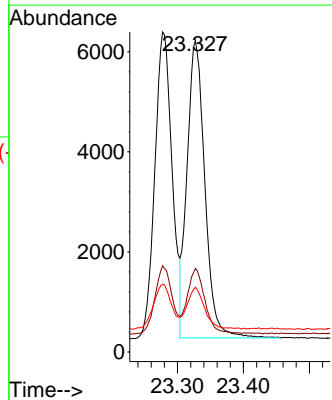
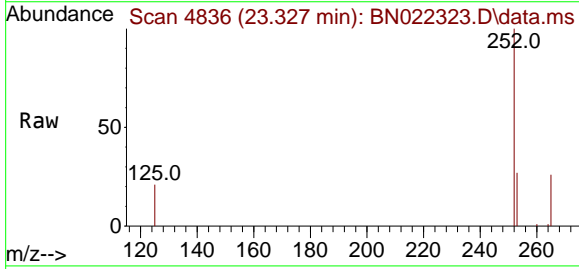
Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	49.0
125	21.2	0.0	35.2

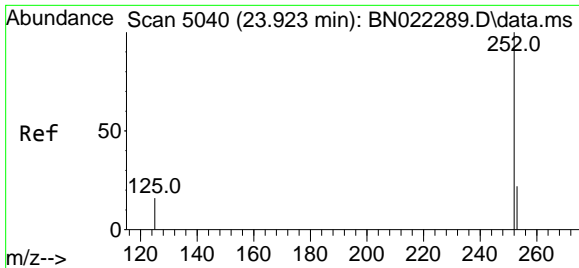


#25
 Benzo(k)fluoranthene
 Concen: 0.358 ng/u1
 RT: 23.327 min Scan# 4836
 Delta R.T. 0.000 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

Tgt Ion:252 Resp: 11150

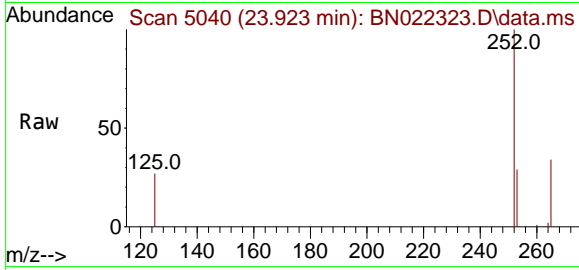
Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.7	29.5
125	20.7	14.0	21.0





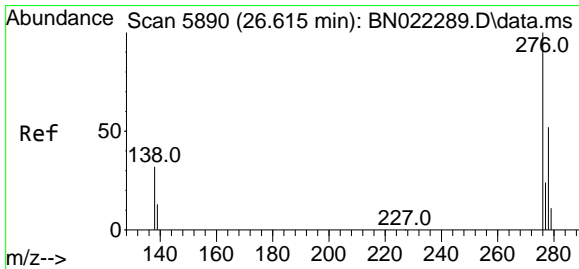
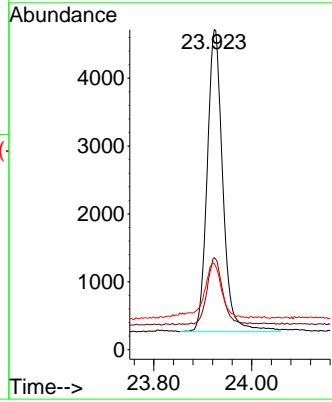
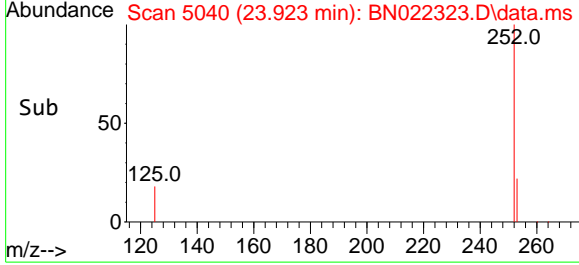
#26
 Benzo(a)pyrene
 Concen: 0.383 ng/u1
 RT: 23.923 min Scan# 50
 Delta R.T. 0.003 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

Instrument :
 BNA_N
 ClientSampleId :

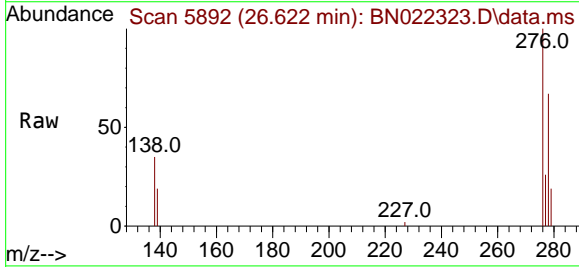


Tgt Ion:252 Resp: 9791

Ion	Ratio	Lower	Upper
252	100		
253	28.8	21.0	31.6
125	26.9	17.9	26.9

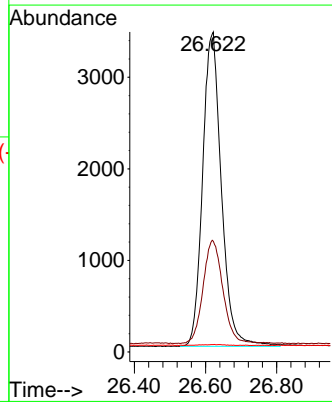
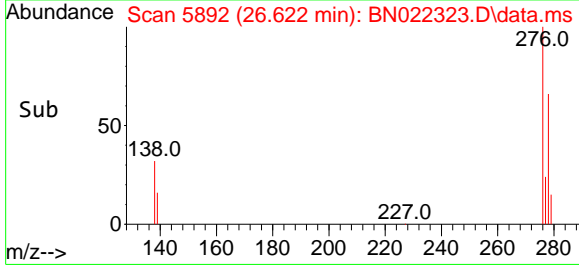


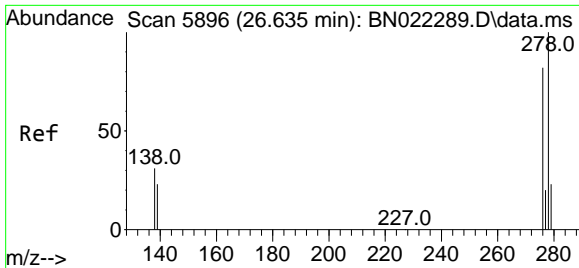
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.396 ng/u1
 RT: 26.622 min Scan# 5892
 Delta R.T. 0.007 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26



Tgt Ion:276 Resp: 12565

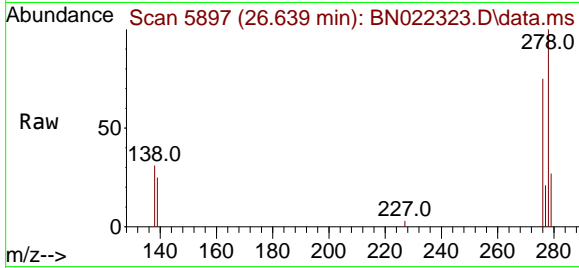
Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.7	41.5
227	0.1	0.2	0.2



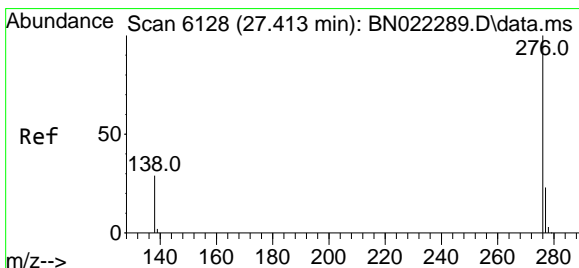
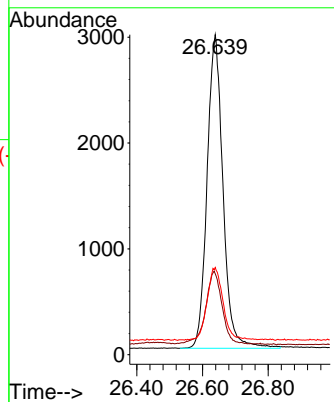
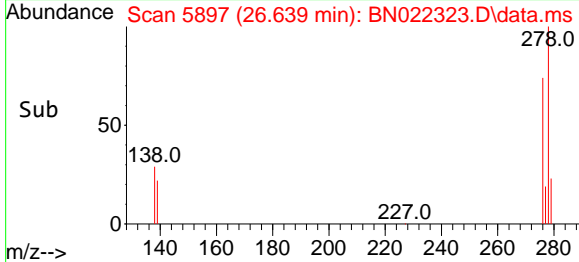


#28
 Dibenzo(a,h)anthracene
 Concen: 0.393 ng/ul
 RT: 26.639 min Scan# 5897
 Delta R.T. 0.000 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26

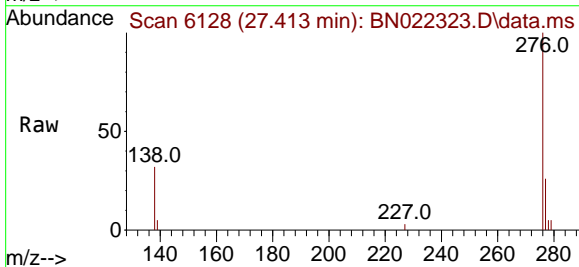
Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 9972
 Ion Ratio Lower Upper
 278 100
 139 25.3 19.6 29.4
 279 27.2 20.6 30.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.405 ng/ul
 RT: 27.413 min Scan# 6128
 Delta R.T. 0.003 min
 Lab File: BN022323.D
 Acq: 25 Oct 2022 13:26



Tgt Ion:276 Resp: 10477
 Ion Ratio Lower Upper
 276 100
 138 31.7 25.2 37.8
 277 25.5 19.9 29.9

