

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023444.D
 Acq On : 25 Dec 2022 11:45
 Operator : CG/JU
 Sample : PB149813BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS813

Quant Time: Dec 26 01:23:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 25 05:17:59 2022
 Response via : Initial Calibration

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

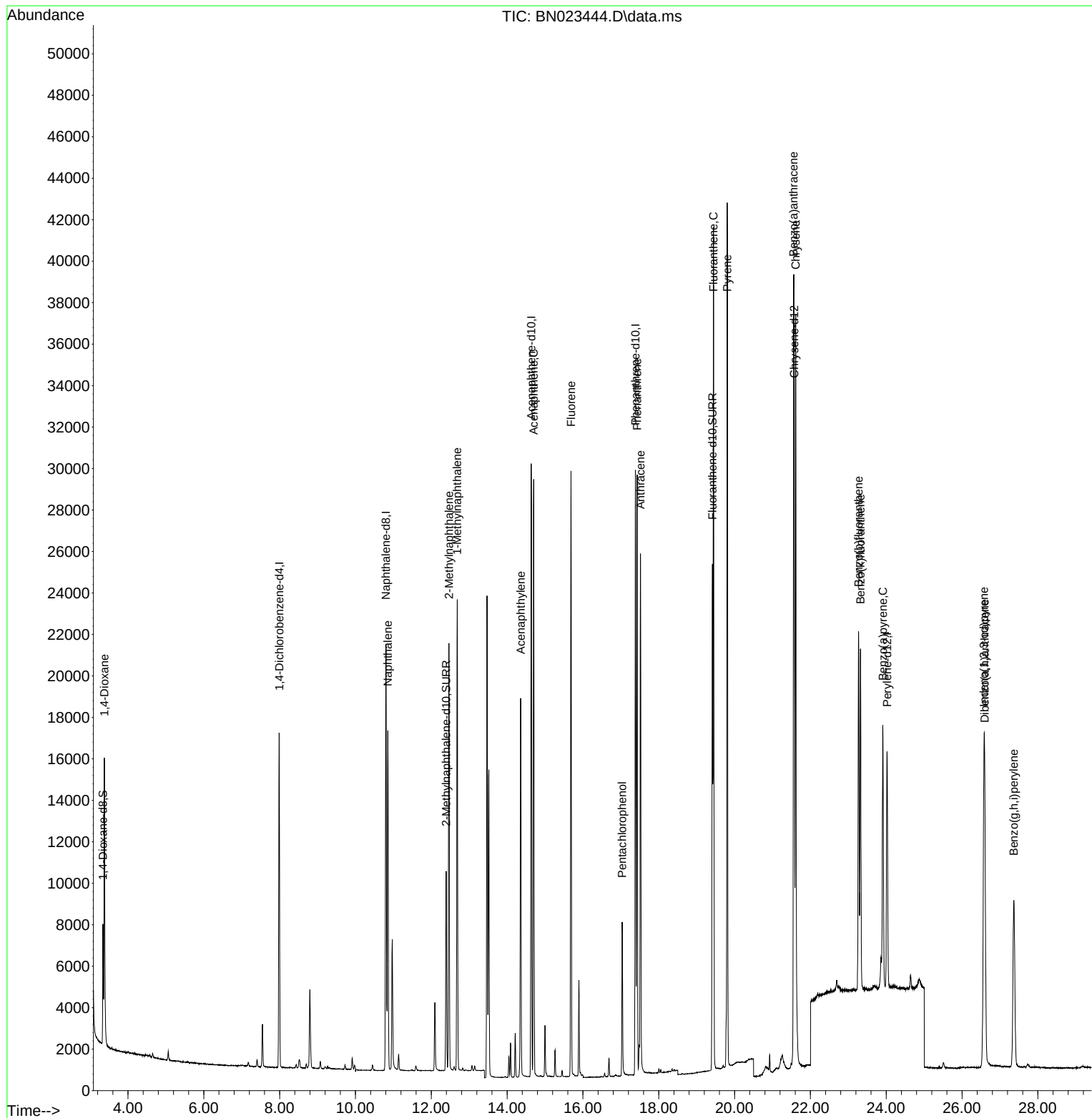
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	8011	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	26792	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.636	164	15698	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	32668	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	22113	0.400	ng/ul	# 0.00
23) Perylene-d12	24.022	264	16186	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3786	0.435	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	12168	0.294	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	25431	0.318	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.378	88	9925	1.114	ng/ul	93
5) Naphthalene	10.854	128	21698	0.276	ng/ul	100
7) 2-Methylnaphthalene	12.465	142	13965	0.277	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	15078	0.291	ng/ul	100
10) Acenaphthylene	14.358	152	20288	0.292	ng/ul	100
11) Acenaphthene	14.701	153	15930	0.272	ng/ul	98
12) Fluorene	15.686	166	17837	0.271	ng/ul	99
14) Pentachlorophenol	17.036	266	4847	0.535	ng/ul	99
15) Phenanthrene	17.428	178	29308	0.276	ng/ul	100
16) Anthracene	17.517	178	26697	0.303	ng/ul	100
19) Fluoranthene	19.443	202	32716	0.305	ng/ul	100
20) Pyrene	19.806	202	33226	0.307	ng/ul	100
21) Benzo(a)anthracene	21.557	228	27148	0.315	ng/ul	97
22) Chrysene	21.613	228	26450	0.302	ng/ul#	93
24) Benzo(b)fluoranthene	23.270	252	22259	0.266	ng/ul	96
25) Benzo(k)fluoranthene	23.320	252	21460	0.273	ng/ul	98
26) Benzo(a)pyrene	23.911	252	18470	0.279	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.577	276	22290	0.288	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.597	278	17840	0.297	ng/ul	97
29) Benzo(g,h,i)perylene	27.365	276	18494	0.293	ng/ul	97

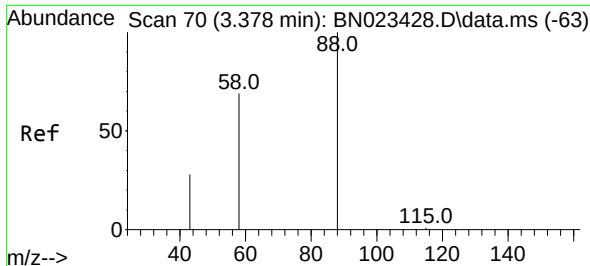
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
Response via : Initial Calibration

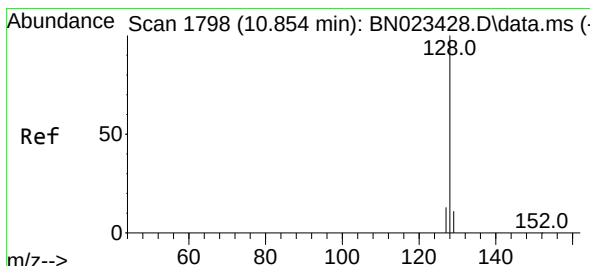
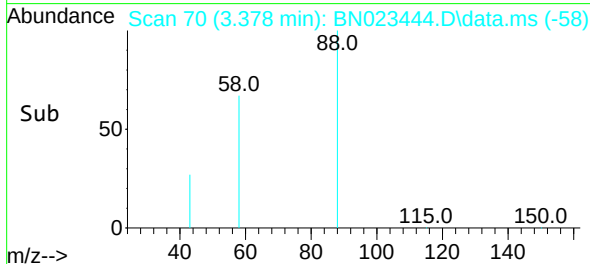
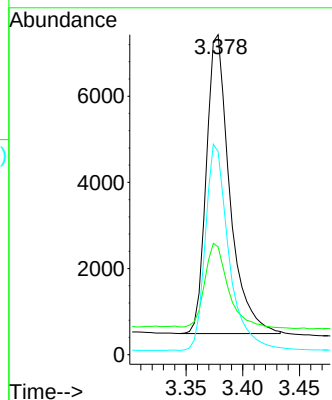
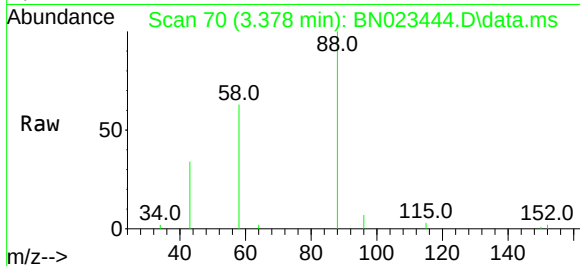




#2
 1,4-Dioxane
 Concen: 1.114 ng/ul
 RT: 3.378 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BN023444.D
 Acq: 25 Dec 2022 11:45

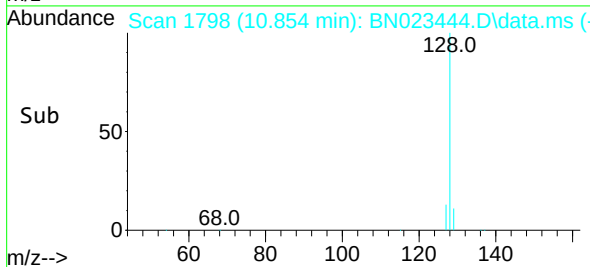
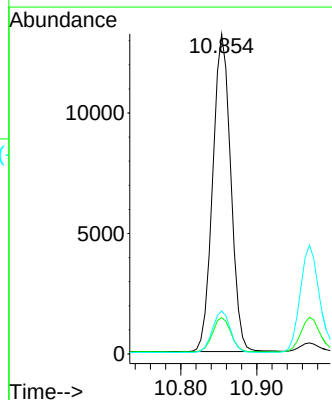
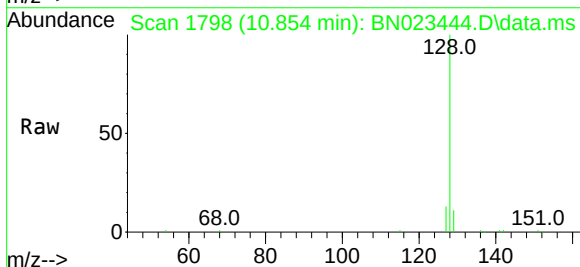
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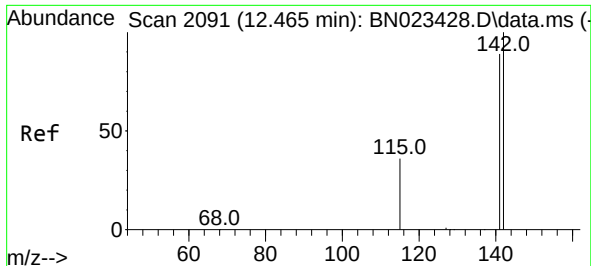
Tgt Ion:	88	Resp:	9925
Ion	Ratio	Lower	Upper
88	100		
43	33.7	28.4	42.6
58	63.5	45.6	68.4



#5
 Naphthalene
 Concen: 0.276 ng/ul
 RT: 10.854 min Scan# 1798
 Delta R.T. 0.000 min
 Lab File: BN023444.D
 Acq: 25 Dec 2022 11:45

Tgt Ion:	128	Resp:	21698
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.5	10.7	16.1

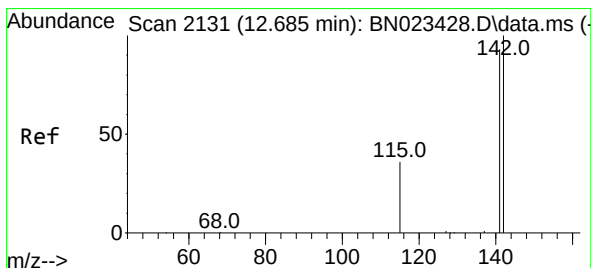
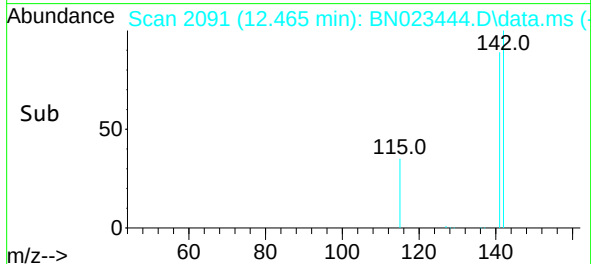
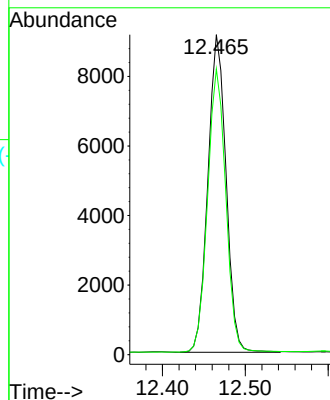
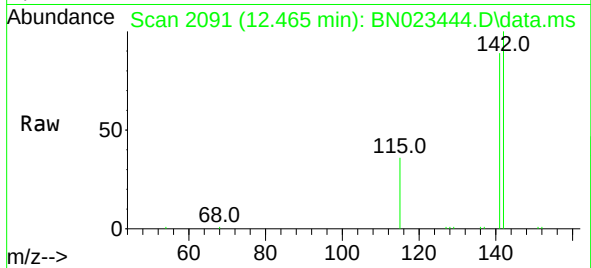




#7
2-Methylnaphthalene
Concen: 0.277 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

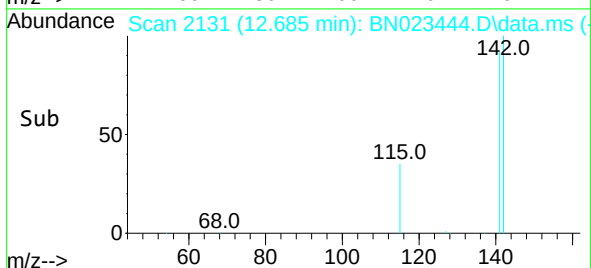
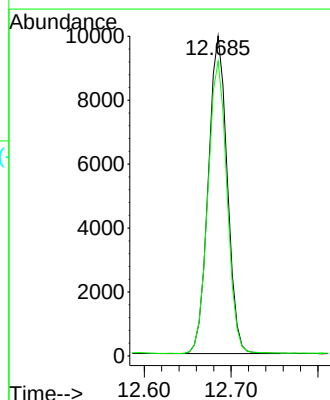
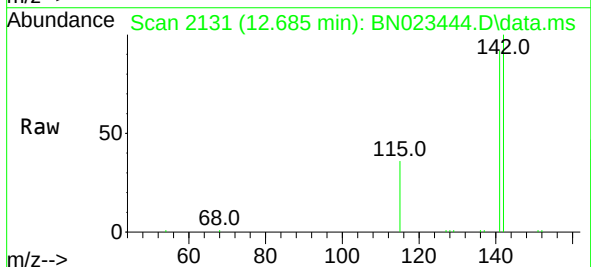
Instrument :
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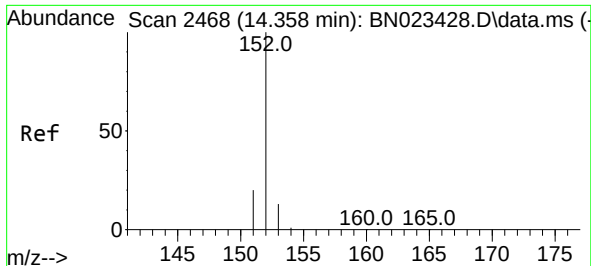
Tgt Ion:142 Resp: 13965
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

Tgt Ion:142 Resp: 15078
Ion Ratio Lower Upper
142 100
141 92.6 74.0 111.0

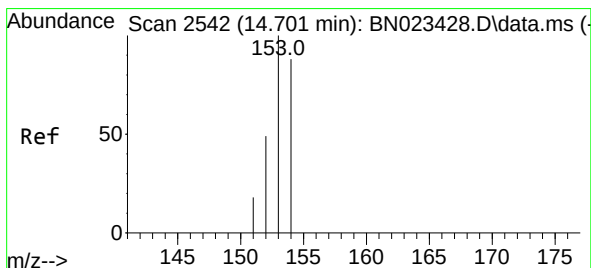
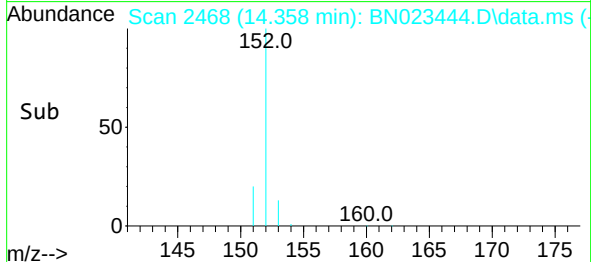
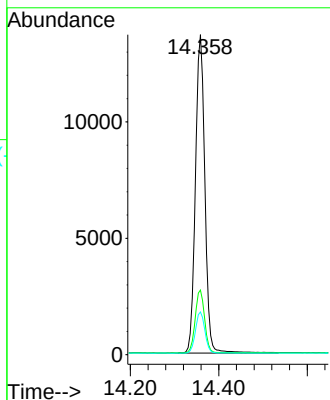
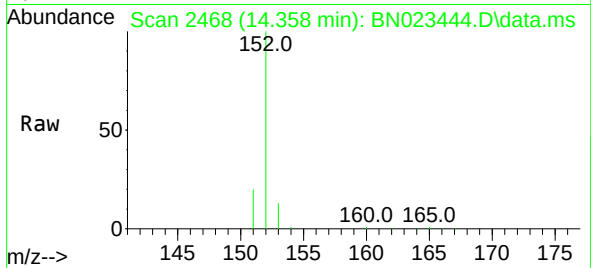




#10
Acenaphthylene
Concen: 0.292 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

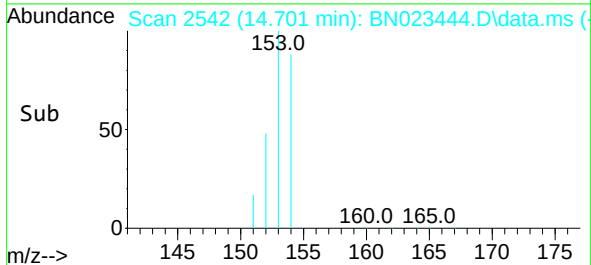
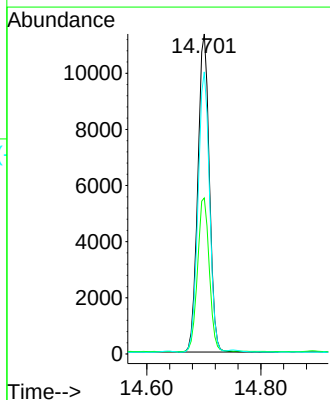
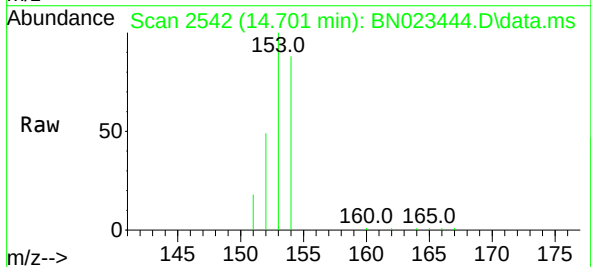
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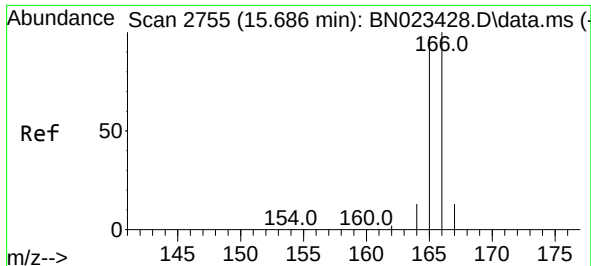
Tgt Ion:152 Resp: 20288
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 0.272 ng/ul
RT: 14.701 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

Tgt Ion:153 Resp: 15930
Ion Ratio Lower Upper
153 100
152 48.7 41.0 61.4
154 88.2 69.5 104.3

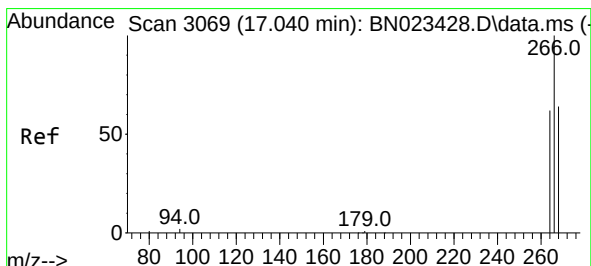
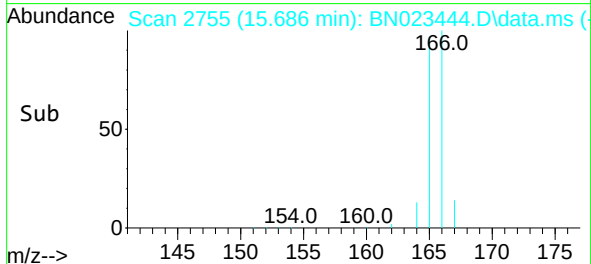
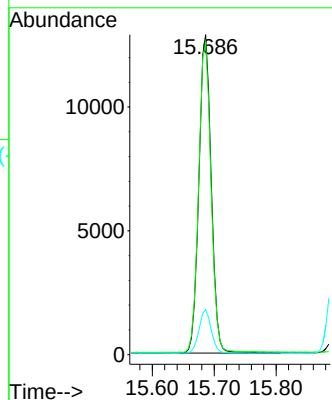
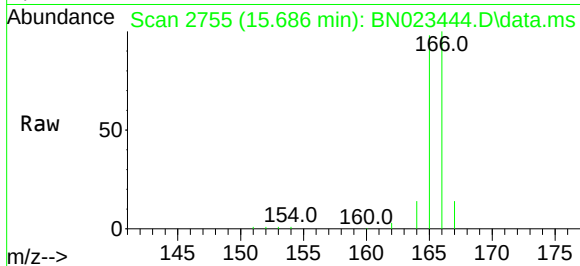




#12
 Fluorene
 Concen: 0.271 ng/ul
 RT: 15.686 min Scan# 2755
 Delta R.T. 0.000 min
 Lab File: BN023444.D
 Acq: 25 Dec 2022 11:45

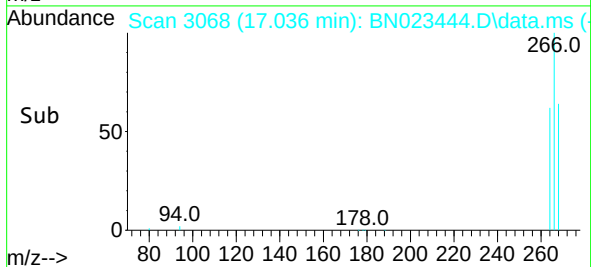
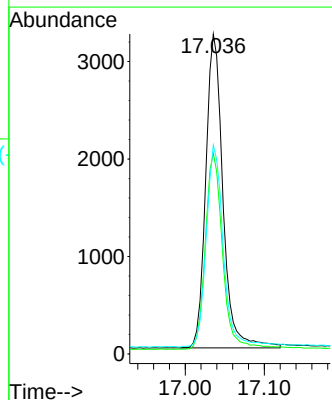
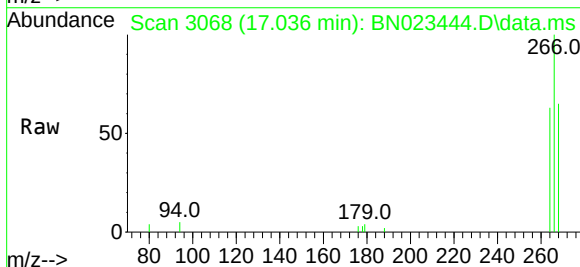
Instrument :
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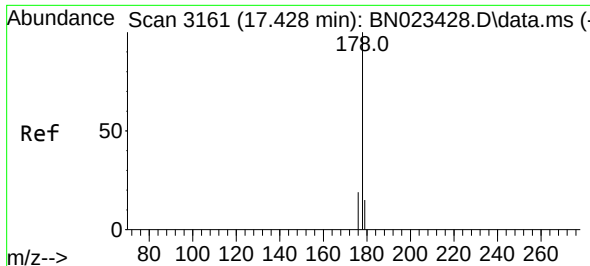
Tgt Ion:166 Resp: 17837
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.1 118.7
 167 14.0 11.0 16.4



#14
 Pentachlorophenol
 Concen: 0.535 ng/ul
 RT: 17.036 min Scan# 3068
 Delta R.T. -0.004 min
 Lab File: BN023444.D
 Acq: 25 Dec 2022 11:45

Tgt Ion:266 Resp: 4847
 Ion Ratio Lower Upper
 266 100
 264 63.0 49.8 74.6
 268 64.5 51.4 77.0

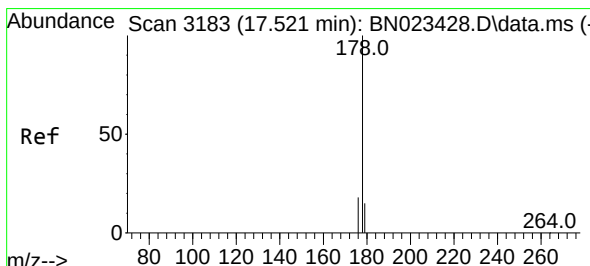
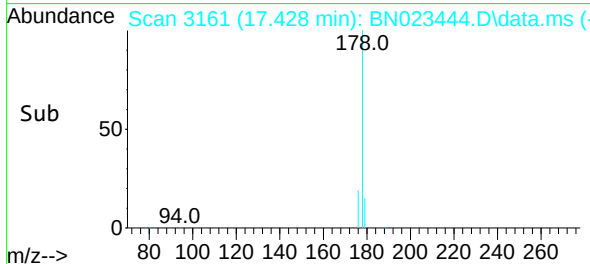
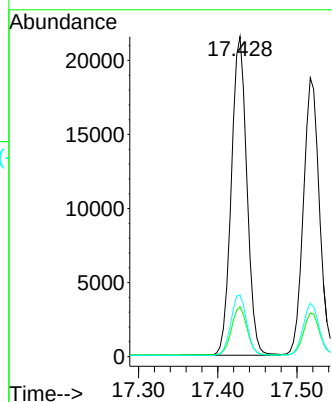
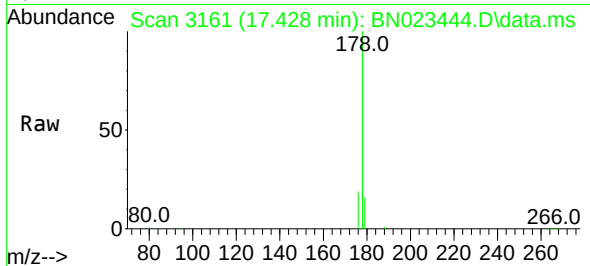




#15
Phenanthrene
Concen: 0.276 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

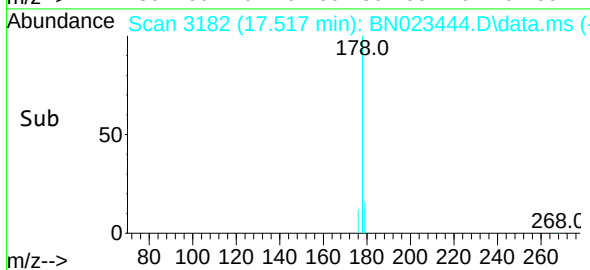
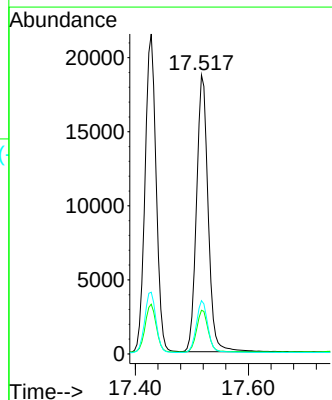
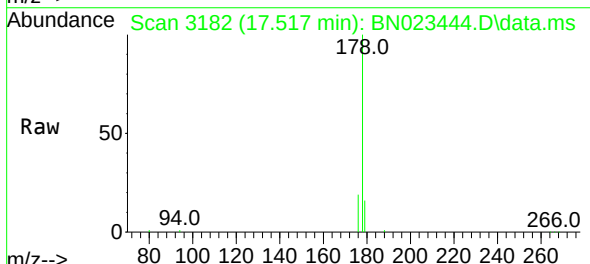
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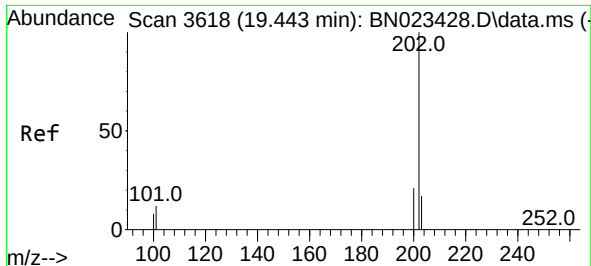
Tgt Ion:178 Resp: 29308
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.3 15.7 23.5



#16
Anthracene
Concen: 0.303 ng/ul
RT: 17.517 min Scan# 3182
Delta R.T. -0.004 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

Tgt Ion:178 Resp: 26697
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.1 15.4 23.0

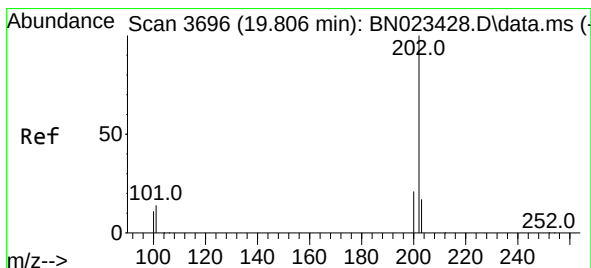
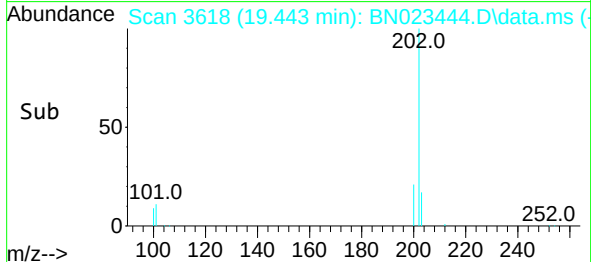
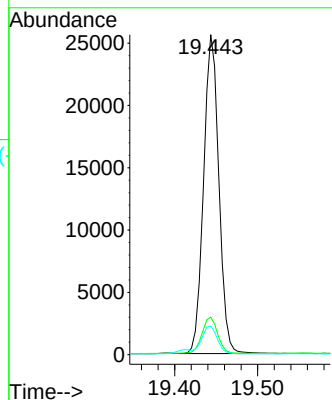
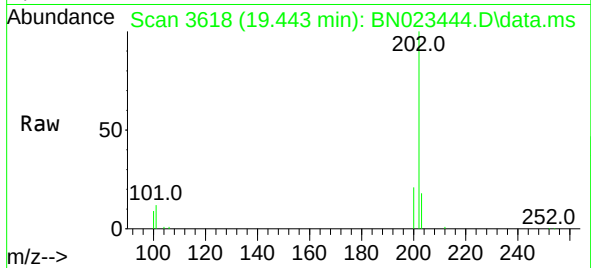




#19
Fluoranthene
Concen: 0.305 ng/u1
RT: 19.443 min Scan# 3618
Delta R.T. 0.000 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

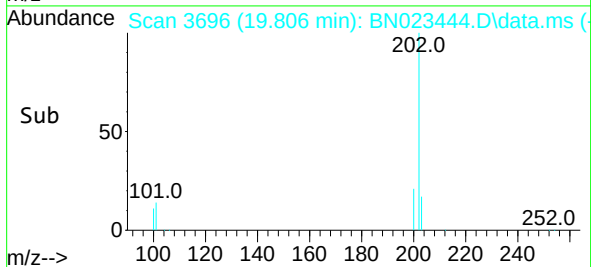
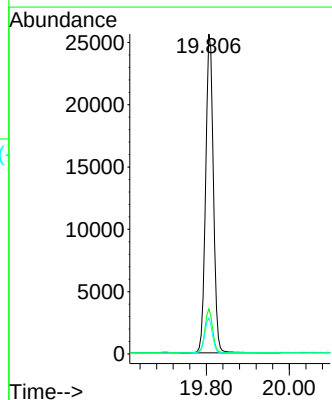
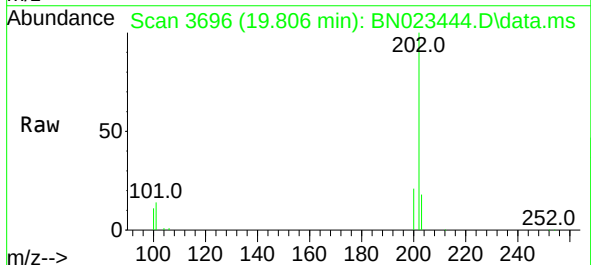
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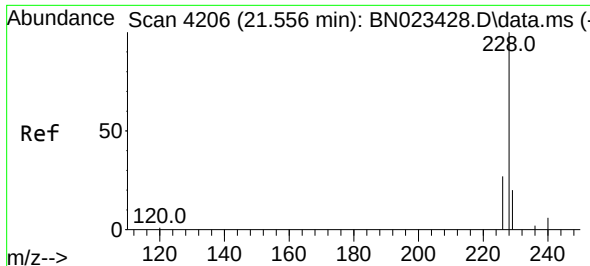
Tgt Ion:202 Resp: 32716
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.2
100 8.9 7.0 10.6



#20
Pyrene
Concen: 0.307 ng/u1
RT: 19.806 min Scan# 3696
Delta R.T. 0.000 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

Tgt Ion:202 Resp: 33226
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 11.2 9.0 13.4

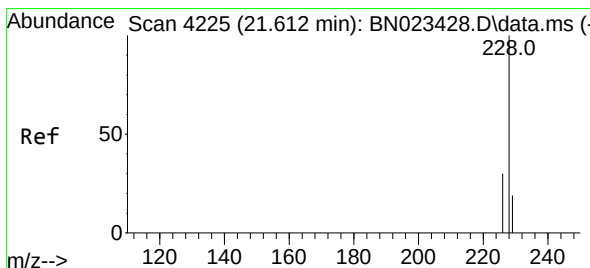
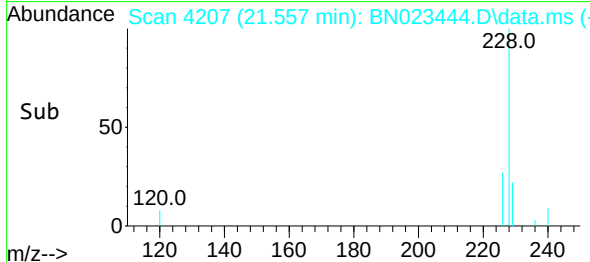
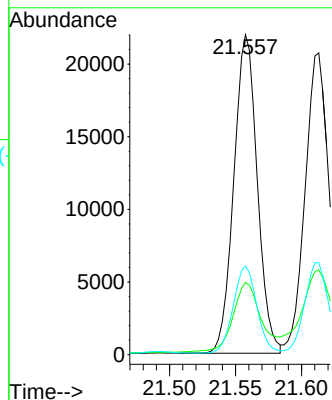
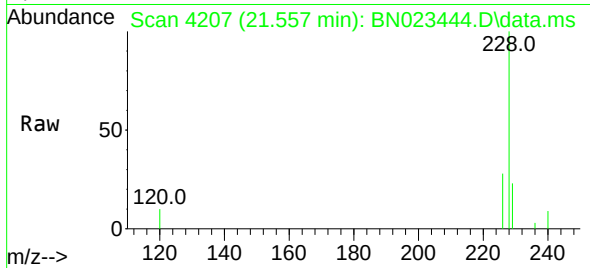




#21
Benzo(a)anthracene
Concen: 0.315 ng/ul
RT: 21.557 min Scan# 4206
Delta R.T. 0.001 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

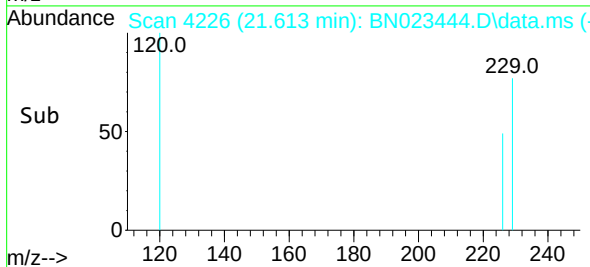
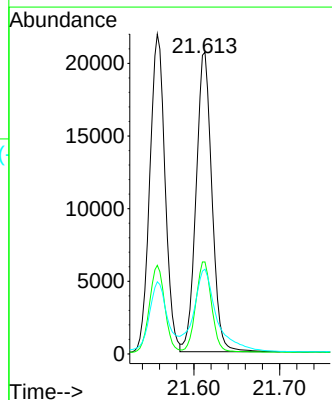
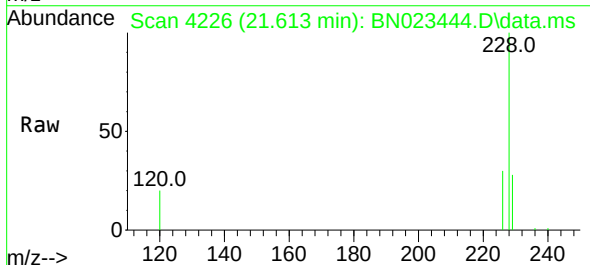
Instrument :
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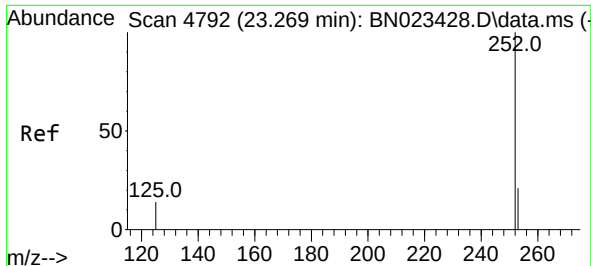
Tgt Ion:228 Resp: 27148
Ion Ratio Lower Upper
228 100
229 22.5 15.6 23.4
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.302 ng/ul
RT: 21.613 min Scan# 4226
Delta R.T. 0.001 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

Tgt Ion:228 Resp: 26450
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 28.1 15.8 23.6#

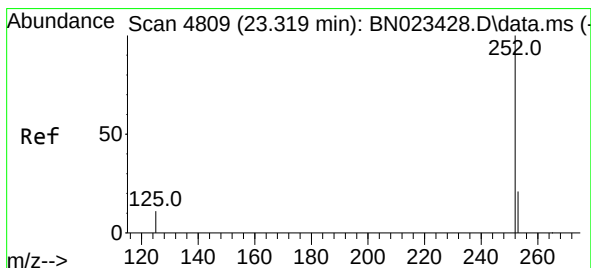
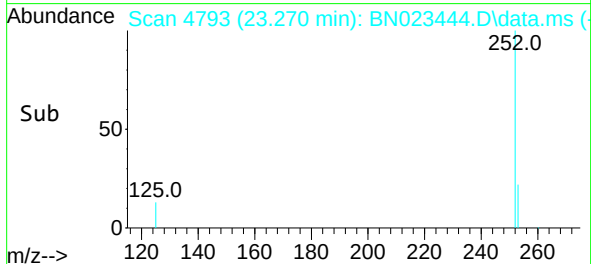
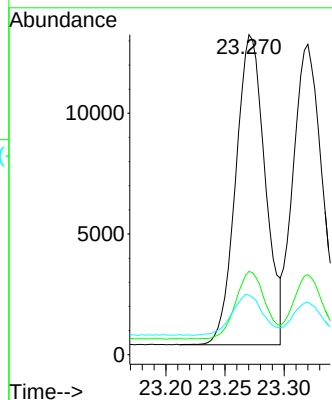
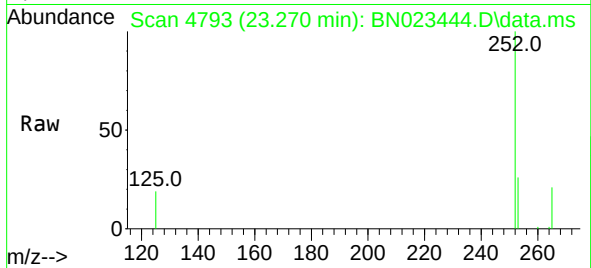




#24
Benzo(b)fluoranthene
Concen: 0.266 ng/ul
RT: 23.270 min Scan# 41
Delta R.T. 0.001 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

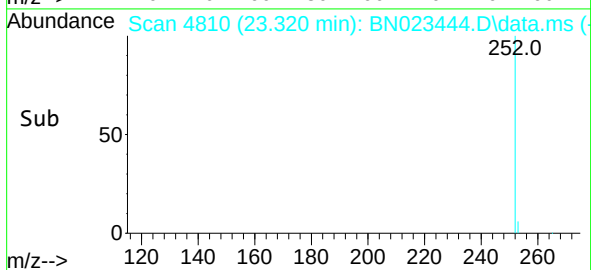
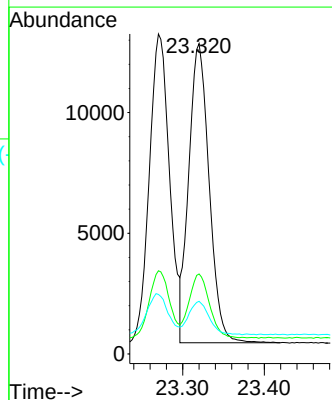
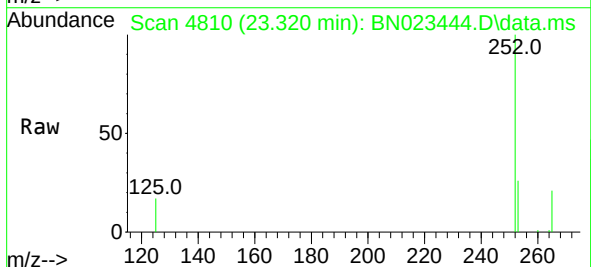
Instrument :
BNA_N
ClientSampleId :
SLCS813

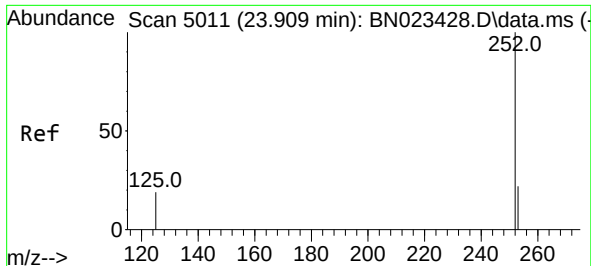
Tgt Ion:252 Resp: 22259
Ion Ratio Lower Upper
252 100
253 26.0 0.0 49.2
125 18.6 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.273 ng/ul
RT: 23.320 min Scan# 4810
Delta R.T. 0.001 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

Tgt Ion:252 Resp: 21460
Ion Ratio Lower Upper
252 100
253 25.8 19.8 29.6
125 17.0 12.6 18.8

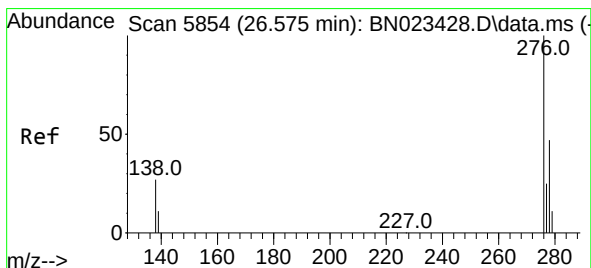
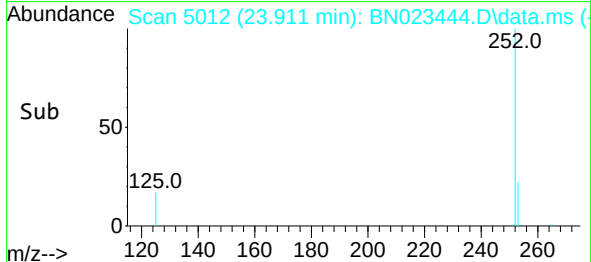
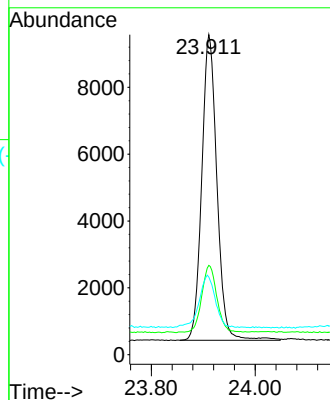
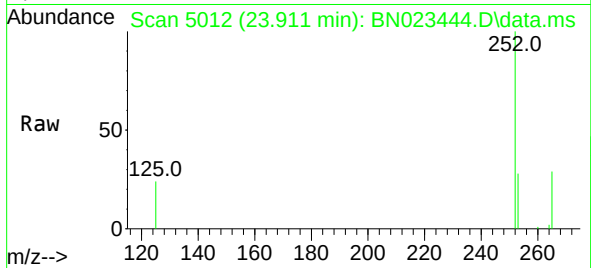




#26
Benzo(a)pyrene
Concen: 0.279 ng/ul
RT: 23.911 min Scan# 5011
Delta R.T. 0.001 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

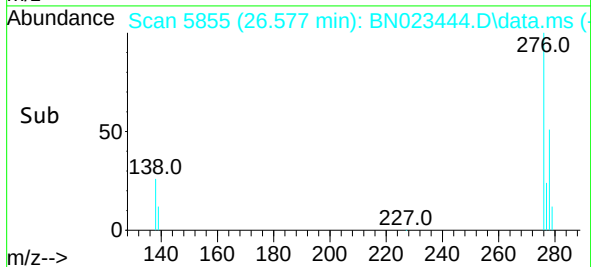
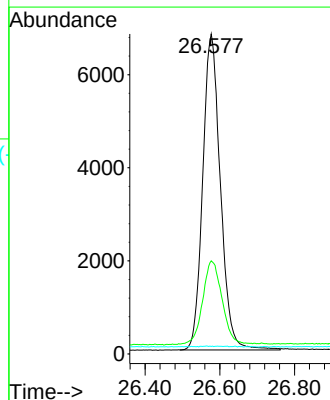
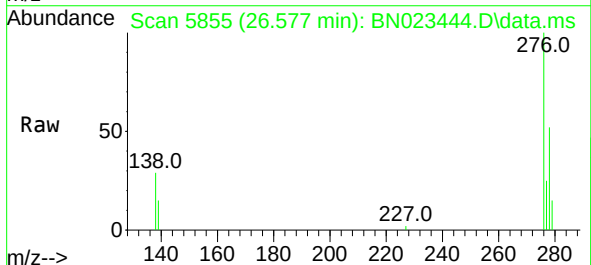
Instrument :
BNA_N
ClientSampleId :
SLCS813

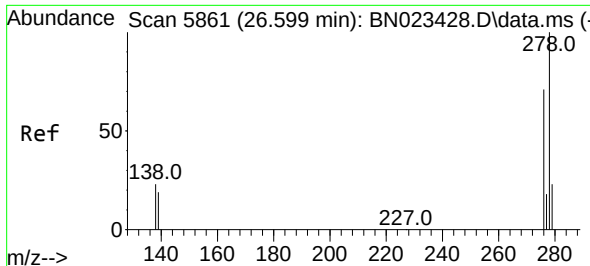
Tgt Ion:	252	Resp:	18470
Ion Ratio	Lower	Upper	
252	100		
253	27.9	21.4	32.2
125	24.2	16.2	24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.288 ng/ul
RT: 26.577 min Scan# 5855
Delta R.T. 0.002 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

Tgt Ion:	276	Resp:	22290
Ion Ratio	Lower	Upper	
276	100		
138	29.0	23.4	35.2
227	0.2	0.0	0.0

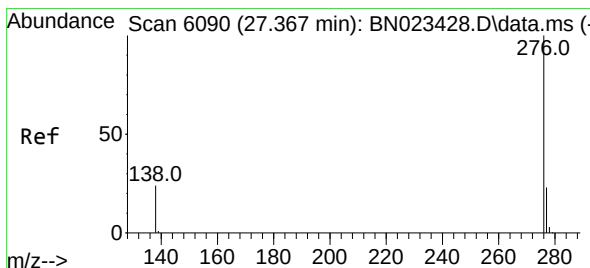
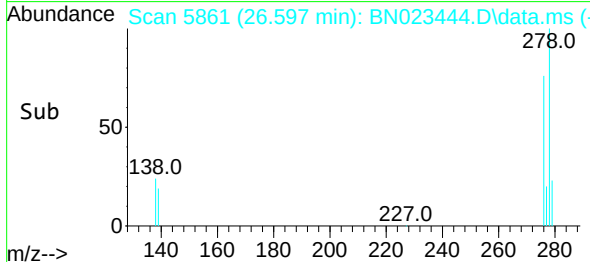
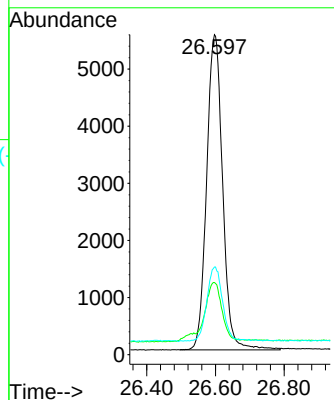
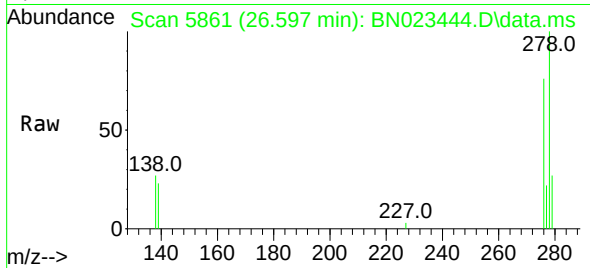




#28
Dibenzo(a,h)anthracene
Concen: 0.297 ng/ul
RT: 26.597 min Scan# 5861
Delta R.T. -0.002 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

Instrument :
BNA_N
ClientSampleId :
SLCS813

Tgt Ion:278 Resp: 17840
Ion Ratio Lower Upper
278 100
139 22.5 16.6 24.8
279 27.4 21.3 31.9



#29
Benzo(g,h,i)perylene
Concen: 0.293 ng/ul
RT: 27.365 min Scan# 6090
Delta R.T. -0.002 min
Lab File: BN023444.D
Acq: 25 Dec 2022 11:45

Tgt Ion:276 Resp: 18494
Ion Ratio Lower Upper
276 100
138 27.8 20.3 30.5
277 25.3 19.7 29.5

