

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019906.D
 Acq On : 21 May 2022 14:00
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4361

Quant Time: May 23 01:48:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

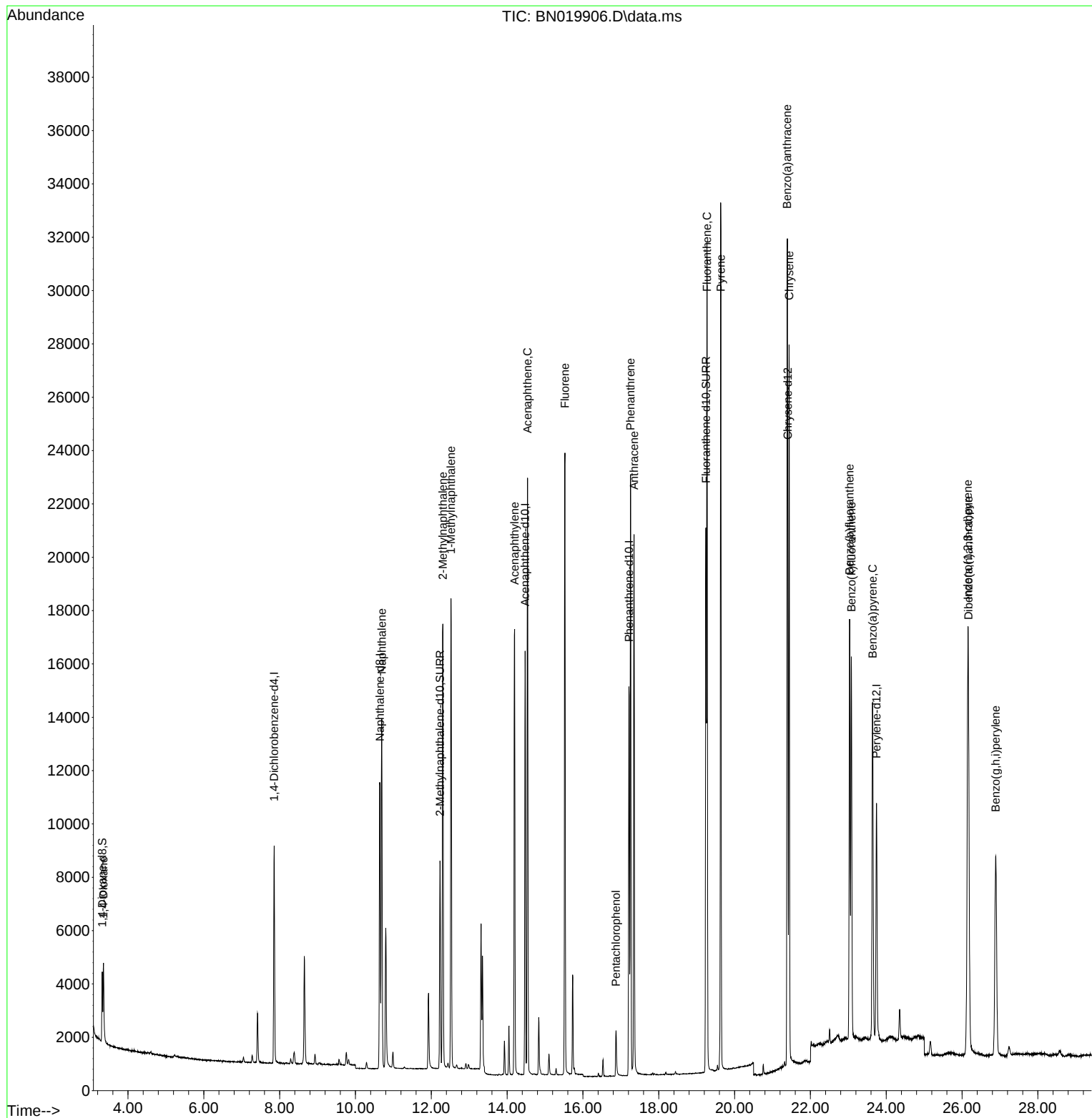
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4316	0.400	ng/ul	0.00
4) Naphthalene-d8	10.645	136	15160	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.474	164	8966	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	17880	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	15378	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	12198	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1769	0.346	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	10565	0.461	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	21656	0.445	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	1848	0.341	ng/ul#	88
5) Naphthalene	10.694	128	18914	0.385	ng/ul	99
7) 2-Methylnaphthalene	12.306	142	12433	0.416	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	12470	0.450	ng/ul#	100
10) Acenaphthylene	14.196	152	20076	0.453	ng/ul	98
11) Acenaphthene	14.539	153	13448	0.377	ng/ul	100
12) Fluorene	15.524	166	15195	0.389	ng/ul	100
14) Pentachlorophenol	16.871	266	1380	0.359	ng/ul	90
15) Phenanthrene	17.255	178	24243	0.369	ng/ul	100
16) Anthracene	17.348	178	23298	0.434	ng/ul	99
19) Fluoranthene	19.271	202	27817	0.395	ng/ul	99
20) Pyrene	19.634	202	28611	0.407	ng/ul	99
21) Benzo(a)anthracene	21.388	228	23723	0.413	ng/ul	99
22) Chrysene	21.438	228	23286	0.344	ng/ul	99
24) Benzo(b)fluoranthene	23.033	252	20231	0.327	ng/ul	96
25) Benzo(k)fluoranthene	23.080	252	19523	0.327	ng/ul	97
26) Benzo(a)pyrene	23.639	252	19159	0.363	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.154	276	19805	0.301	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.168	278	16374	0.298	ng/ul#	82
29) Benzo(g,h,i)perylene	26.889	276	16752	0.279	ng/ul	97

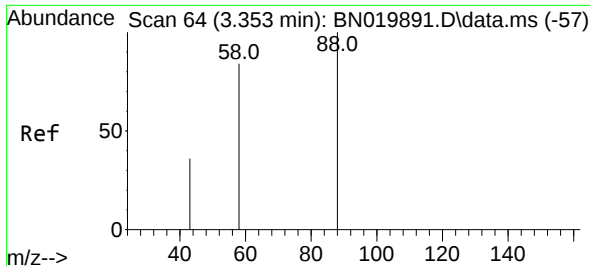
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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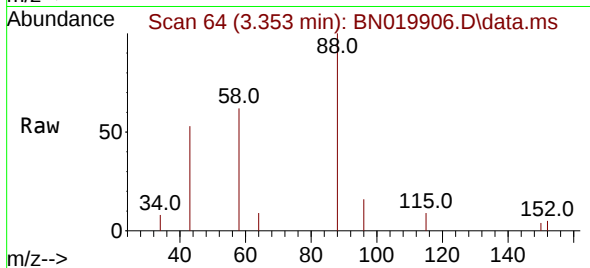
Quant Time: May 23 01:48:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
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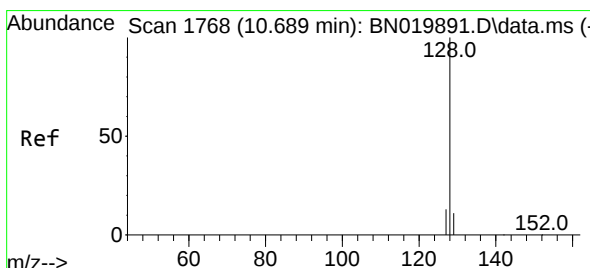
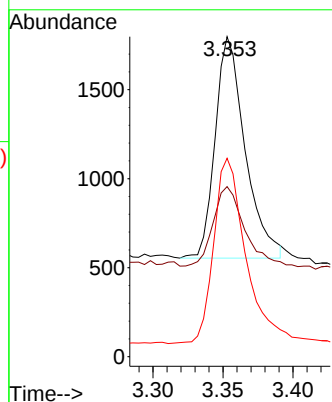
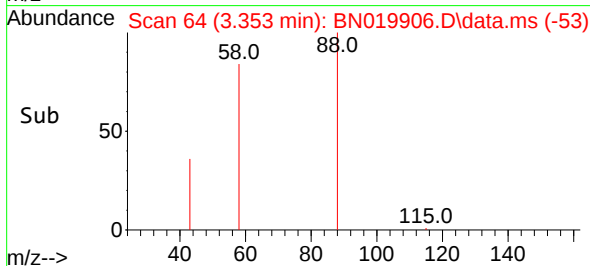


#2
1,4-Dioxane
Concen: 0.341 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00

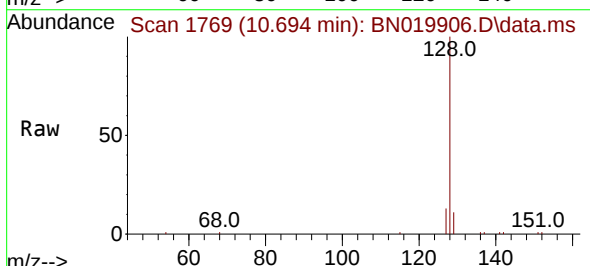
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ClientSampleId :
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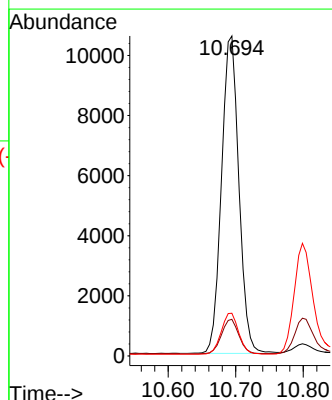
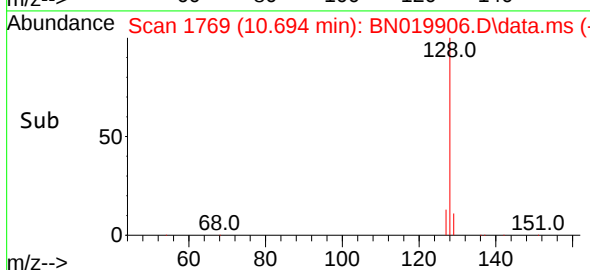
Tgt Ion: 88 Resp: 1848
Ion Ratio Lower Upper
88 100
43 53.2 39.0 58.4
58 62.0 39.8 59.8#

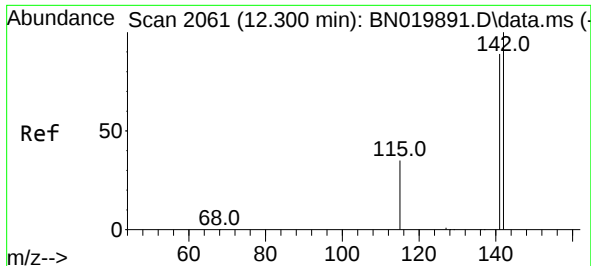


#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.694 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00



Tgt Ion: 128 Resp: 18914
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.4 11.0 16.4

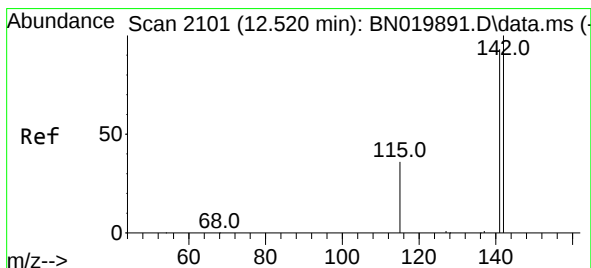
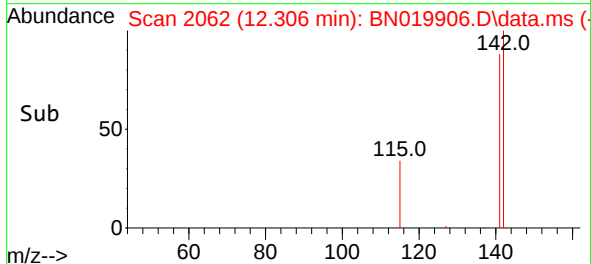
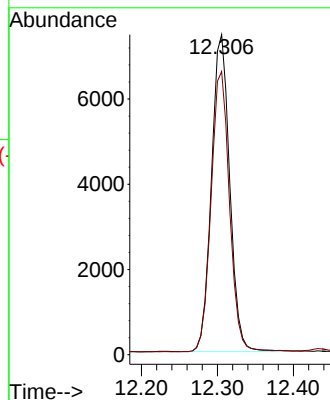
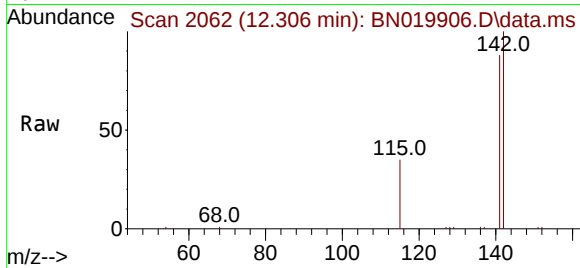




#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.306 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00

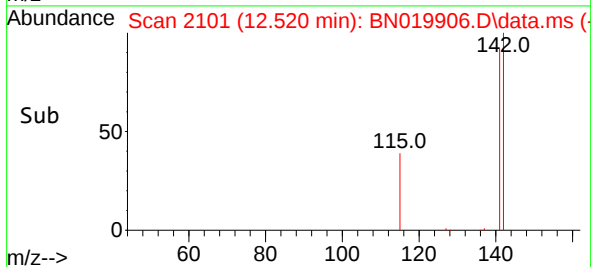
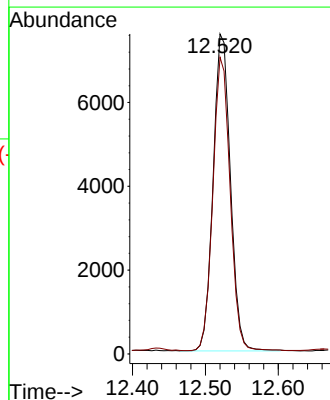
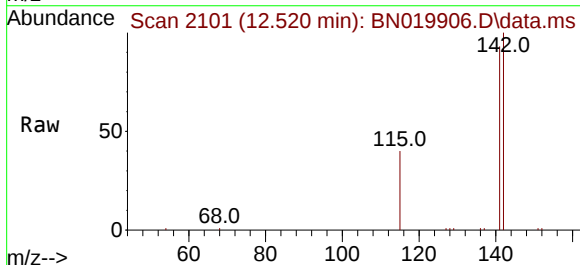
Instrument :
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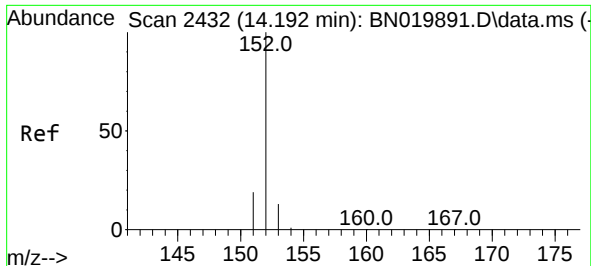
Tgt Ion:142 Resp: 12433
Ion Ratio Lower Upper
142 100
141 89.3 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.450 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00

Tgt Ion:142 Resp: 12470
Ion Ratio Lower Upper
142 100
141 92.2 0.0 0.0#

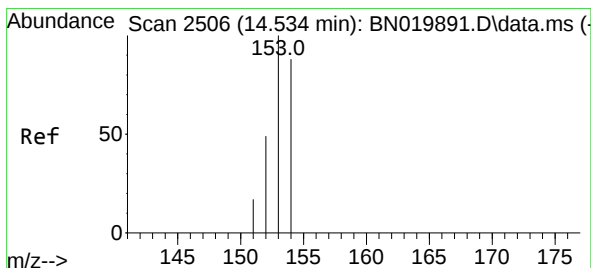
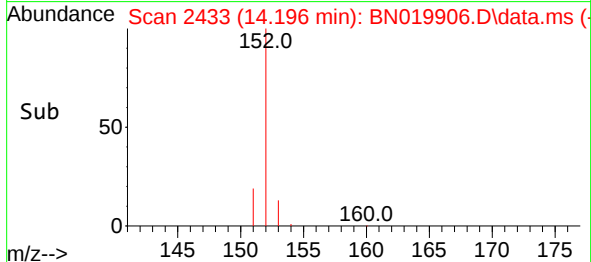
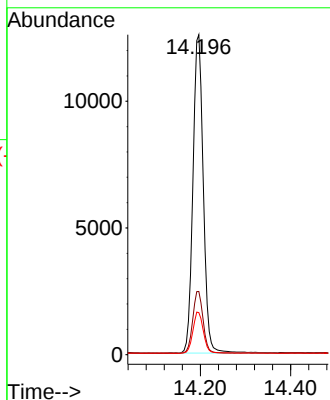
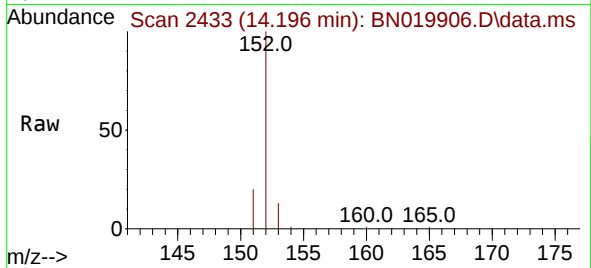




#10
Acenaphthylene
Concen: 0.453 ng/ul
RT: 14.196 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00

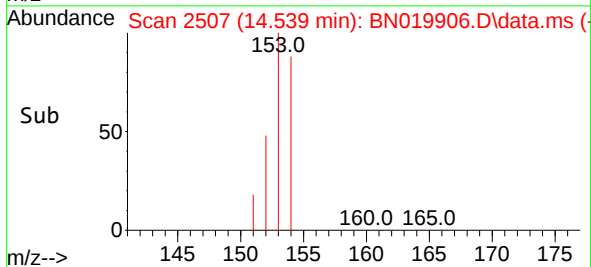
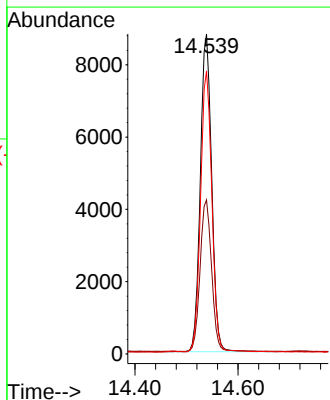
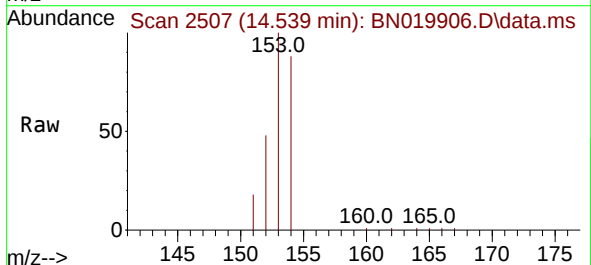
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BNA_N
ClientSampleId :
SSTD0.4361

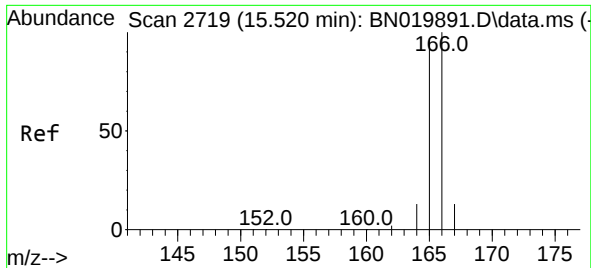
Tgt Ion:152 Resp: 20076
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.1 11.1 16.7



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00

Tgt Ion:153 Resp: 13448
Ion Ratio Lower Upper
153 100
152 48.1 38.6 57.8
154 88.5 71.2 106.8

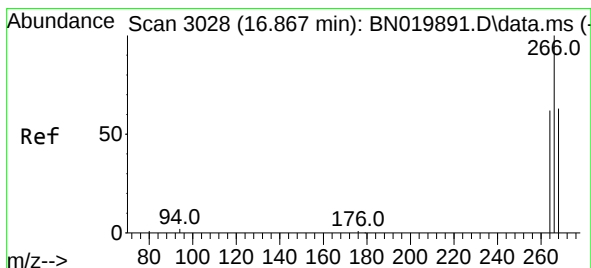
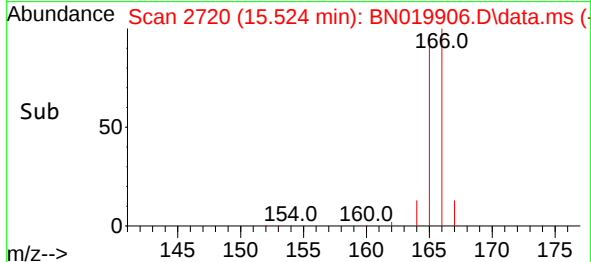
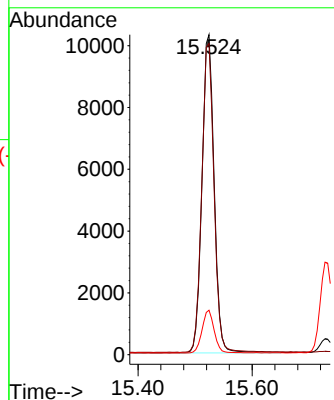
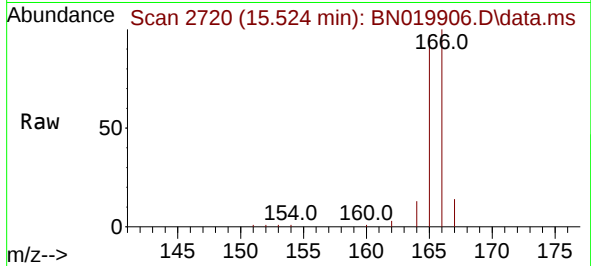




#12
 Fluorene
 Concen: 0.389 ng/ul
 RT: 15.524 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN019906.D
 Acq: 21 May 2022 14:00

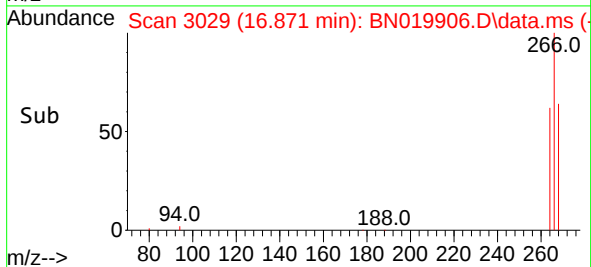
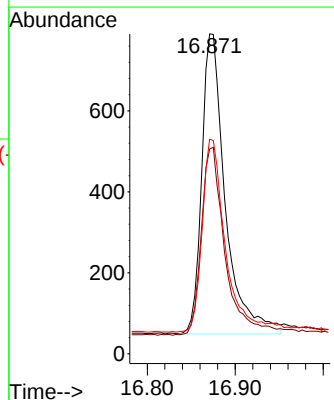
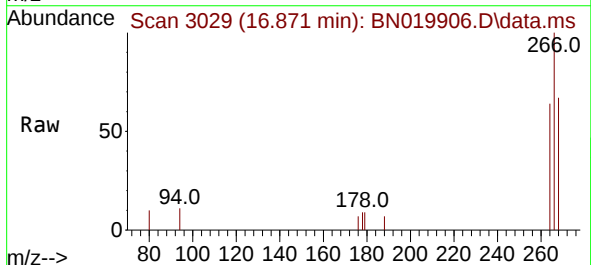
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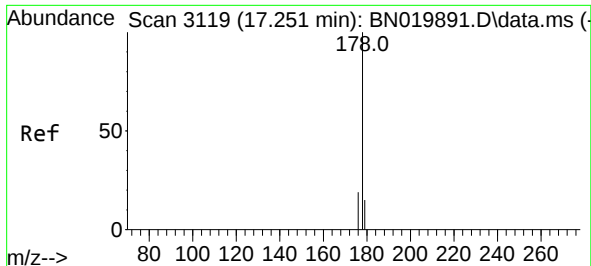
Tgt Ion:166 Resp: 15195
 Ion Ratio Lower Upper
 166 100
 165 97.2 78.2 117.2
 167 13.9 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.359 ng/ul
 RT: 16.871 min Scan# 3029
 Delta R.T. 0.004 min
 Lab File: BN019906.D
 Acq: 21 May 2022 14:00

Tgt Ion:266 Resp: 1380
 Ion Ratio Lower Upper
 266 100
 264 62.9 44.9 67.3
 268 63.3 44.6 67.0

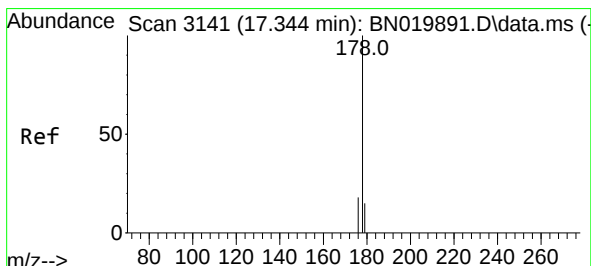
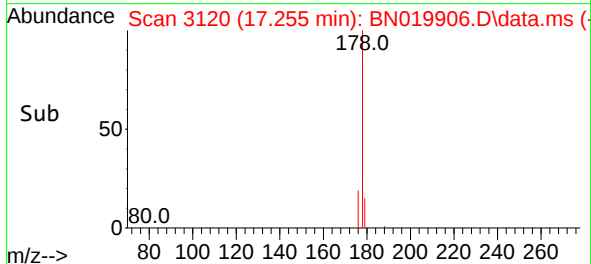
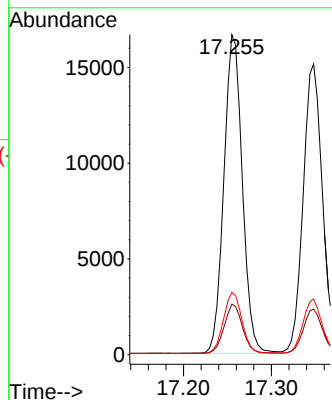
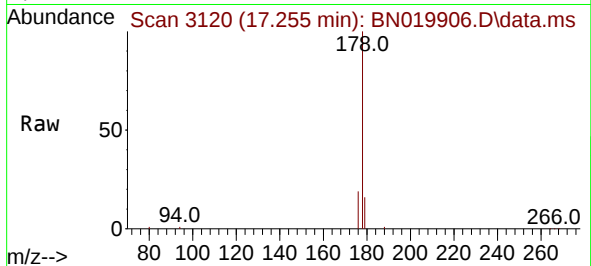




#15
Phenanthrene
Concen: 0.369 ng/ul
RT: 17.255 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00

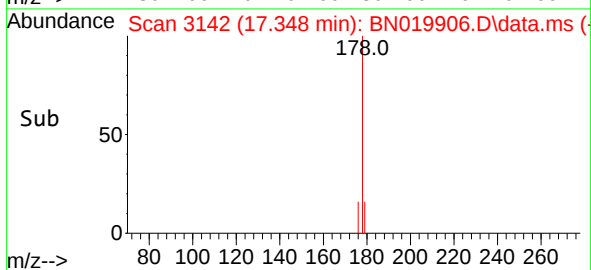
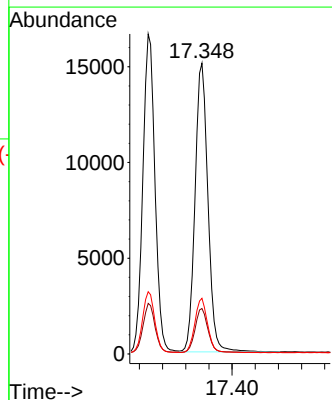
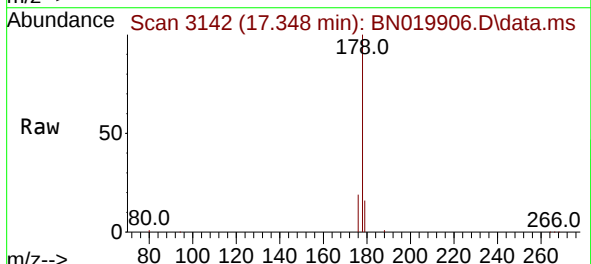
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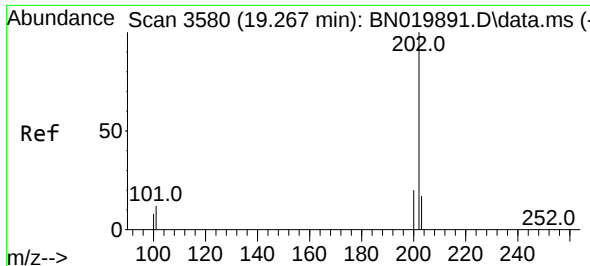
Tgt Ion:178 Resp: 24243
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.5 15.5 23.3



#16
Anthracene
Concen: 0.434 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00

Tgt Ion:178 Resp: 23298
Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 19.2 15.3 22.9

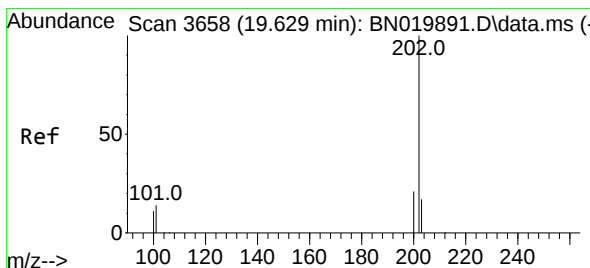
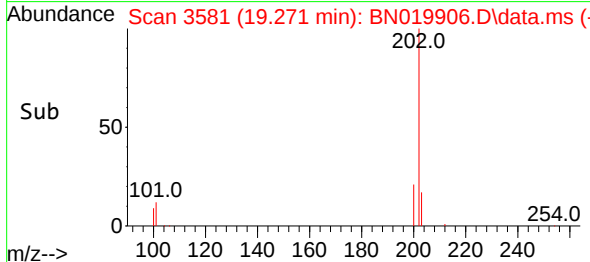
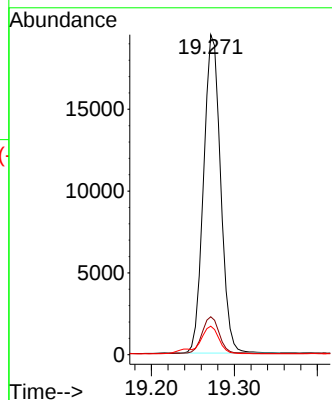
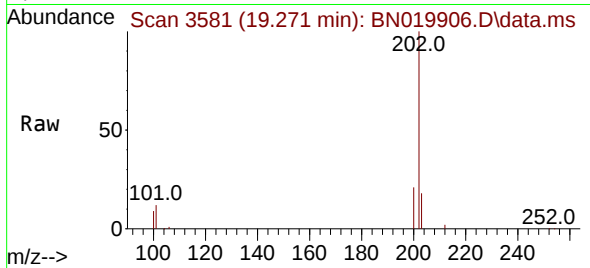




#19
Fluoranthene
Concen: 0.395 ng/ul
RT: 19.271 min Scan# 3580
Delta R.T. 0.000 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00

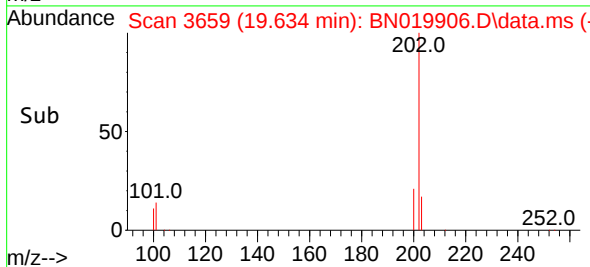
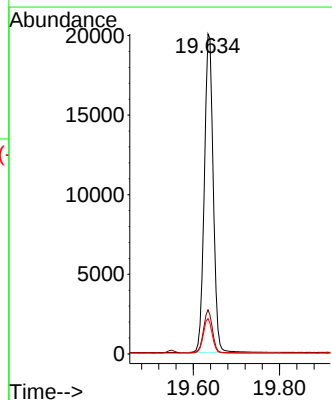
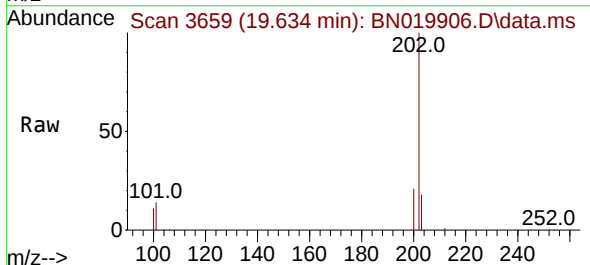
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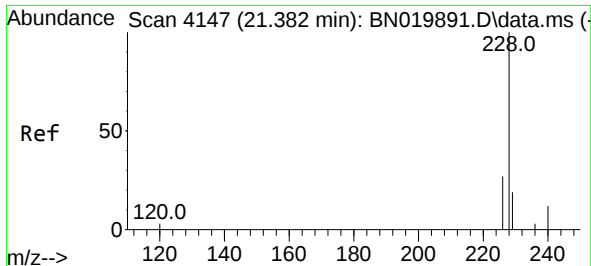
Tgt Ion:202 Resp: 27817
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 8.9 7.4 11.2



#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00

Tgt Ion:202 Resp: 28611
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 11.1 9.0 13.4

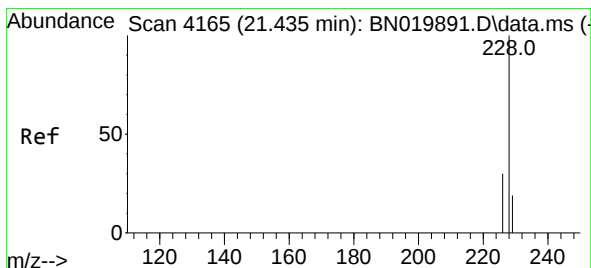
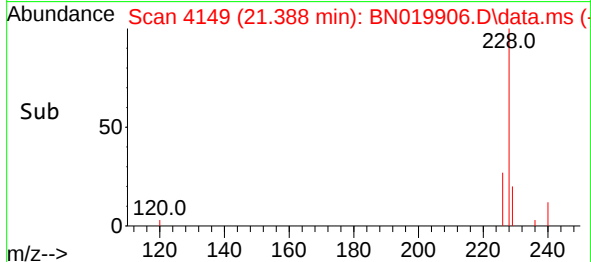
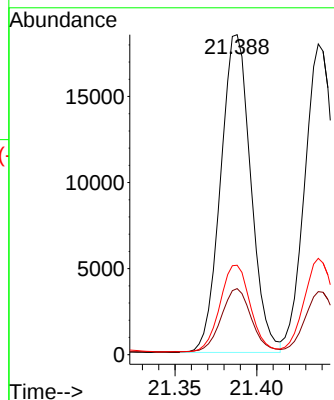
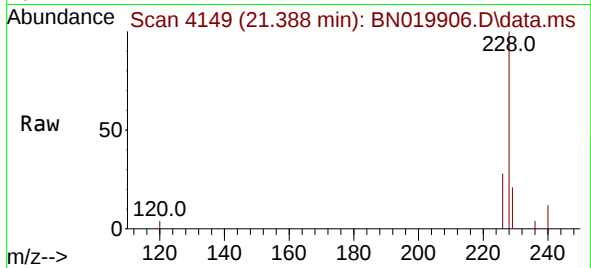




#21
Benzo(a)anthracene
Concen: 0.413 ng/ul
RT: 21.388 min Scan# 4147
Delta R.T. 0.000 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00

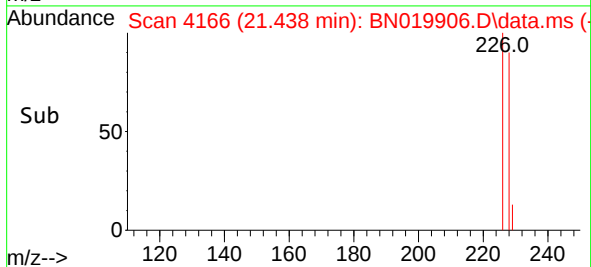
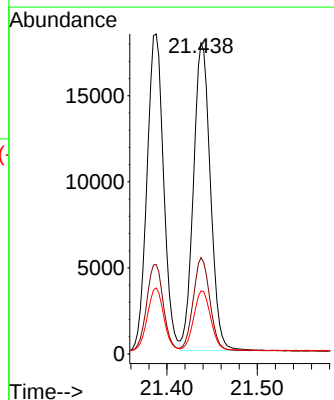
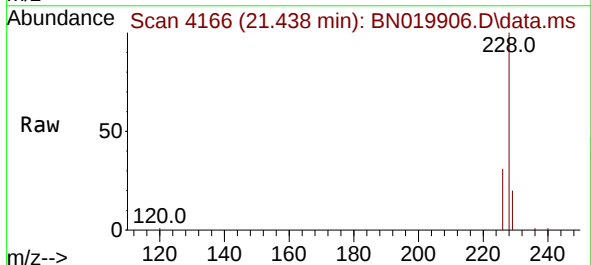
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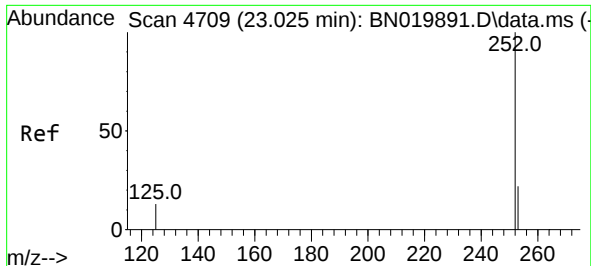
Tgt Ion:228 Resp: 23723
Ion Ratio Lower Upper
228 100
229 20.6 16.1 24.1
226 28.0 22.1 33.1



#22
Chrysene
Concen: 0.344 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00

Tgt Ion:228 Resp: 23286
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.2
229 20.3 16.0 24.0

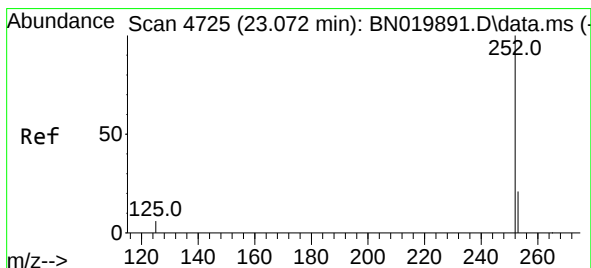
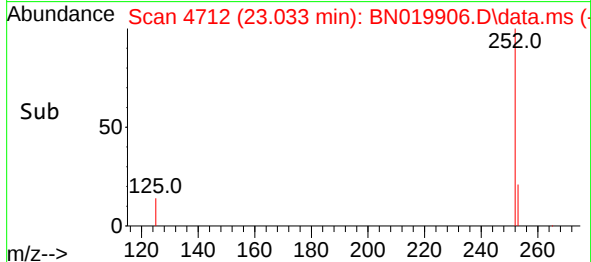
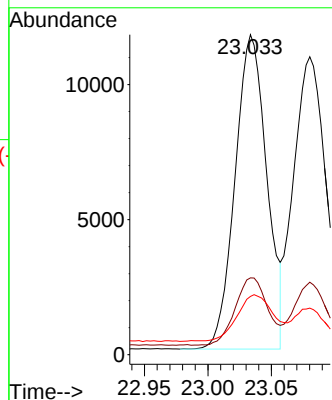
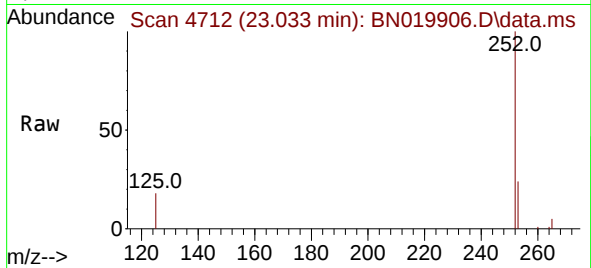




#24
Benzo(b)fluoranthene
Concen: 0.327 ng/ul
RT: 23.033 min Scan# 4712
Delta R.T. 0.000 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00

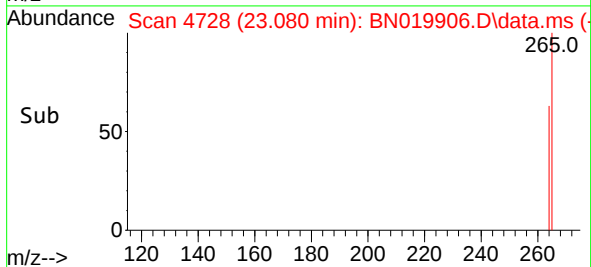
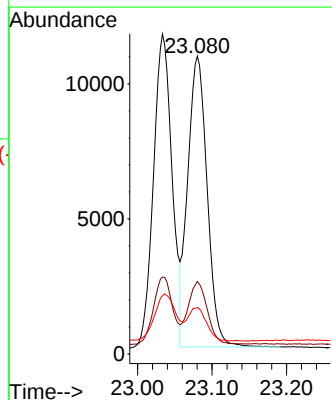
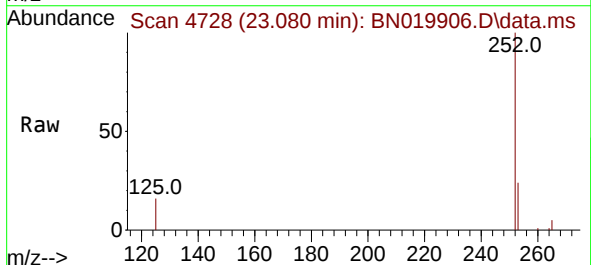
Instrument :
BNA_N
ClientSampleId :
SSTD0.4361

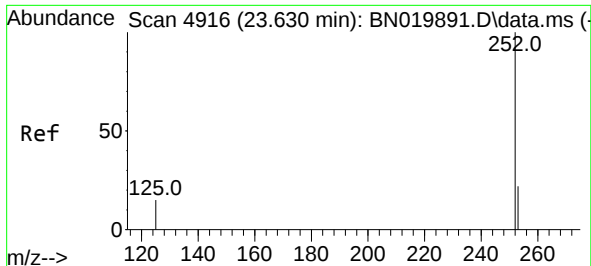
Tgt Ion:252	Resp:	20231
Ion Ratio	Lower	Upper
252	100	
253	24.0	0.0 52.0
125	18.2	0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.327 ng/ul
RT: 23.080 min Scan# 4728
Delta R.T. 0.000 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00

Tgt Ion:252	Resp:	19523
Ion Ratio	Lower	Upper
252	100	
253	24.3	20.2 30.2
125	15.6	11.0 16.6

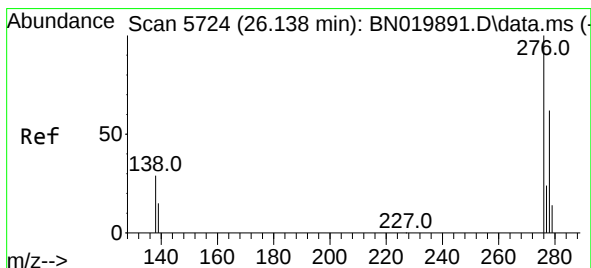
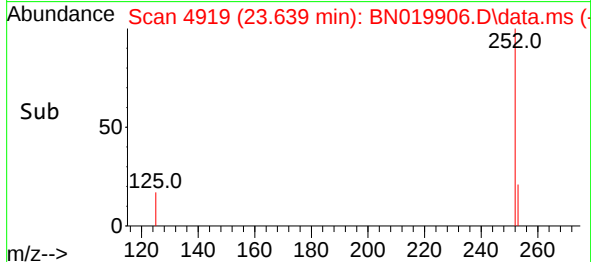
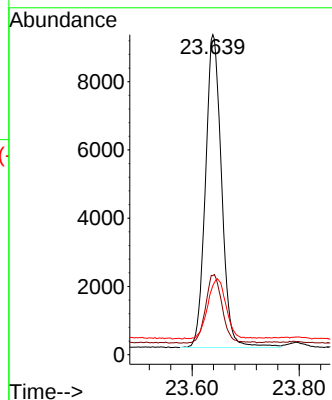
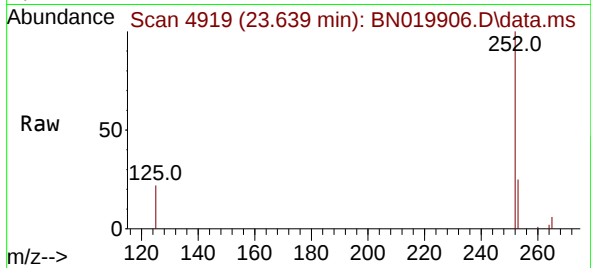




#26
Benzo(a)pyrene
Concen: 0.363 ng/ul
RT: 23.639 min Scan# 4916
Delta R.T. 0.000 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00

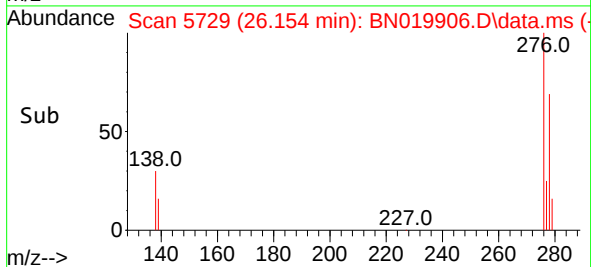
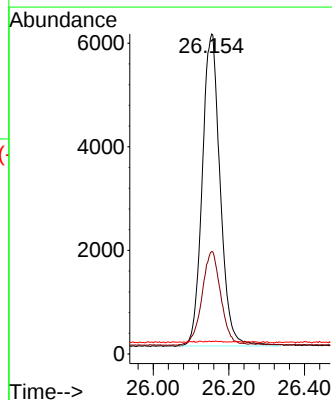
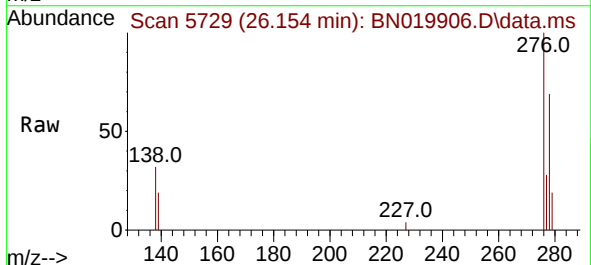
Instrument :
BNA_N
ClientSampleId :
SSTD0.4361

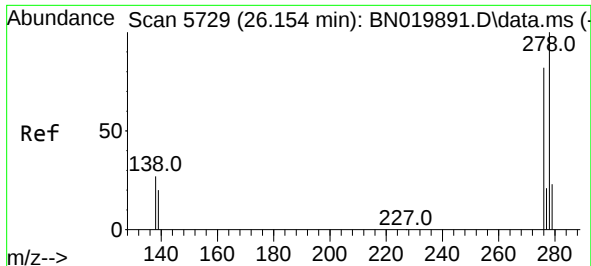
Tgt Ion:252 Resp: 19159
Ion Ratio Lower Upper
252 100
253 24.7 23.4 35.0
125 21.6 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.301 ng/ul
RT: 26.154 min Scan# 5729
Delta R.T. 0.007 min
Lab File: BN019906.D
Acq: 21 May 2022 14:00

Tgt Ion:276 Resp: 19805
Ion Ratio Lower Upper
276 100
138 31.6 23.6 35.4
227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.298 ng/ul

RT: 26.168 min Scan# 51

Delta R.T. 0.003 min

Lab File: BN019906.D

Acq: 21 May 2022 14:00

Instrument :

BNA_N

ClientSampleId :

SSTD0.4361

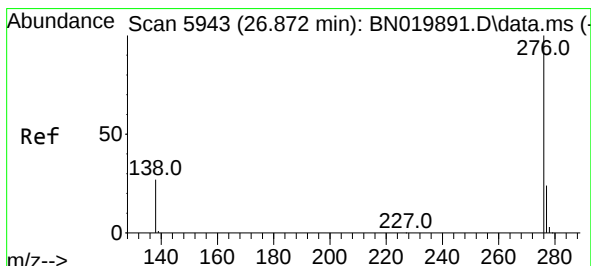
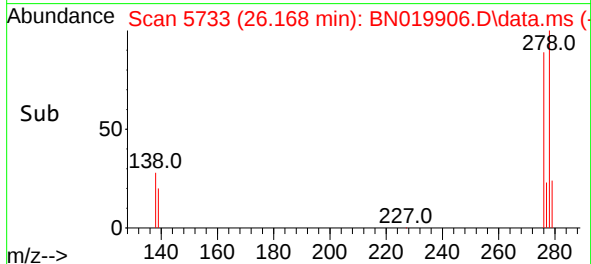
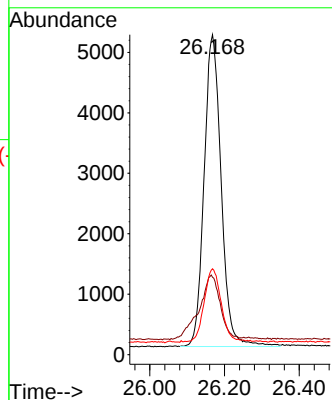
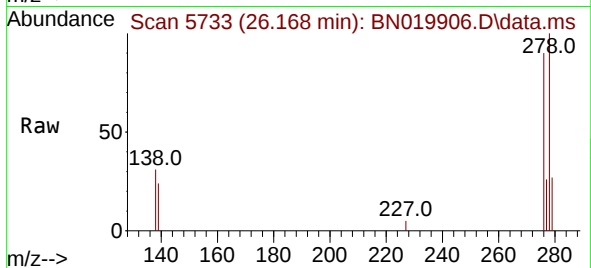
Tgt Ion:278 Resp: 16374

Ion Ratio Lower Upper

278 100

139 24.2 18.6 28.0

279 26.9 35.1 52.7#



#29

Benzo(g,h,i)perylene

Concen: 0.279 ng/ul

RT: 26.889 min Scan# 5948

Delta R.T. 0.010 min

Lab File: BN019906.D

Acq: 21 May 2022 14:00

Tgt Ion:276 Resp: 16752

Ion Ratio Lower Upper

276 100

138 27.8 20.9 31.3

277 26.6 20.4 30.6

