

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020222\
 Data File : BN018542.D
 Acq On : 02 Feb 2022 10:36
 Operator : CG/JU
 Sample : SST0.136
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1236

Quant Time: Feb 02 13:44:32 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 13:41:15 2022
 Response via : Initial Calibration

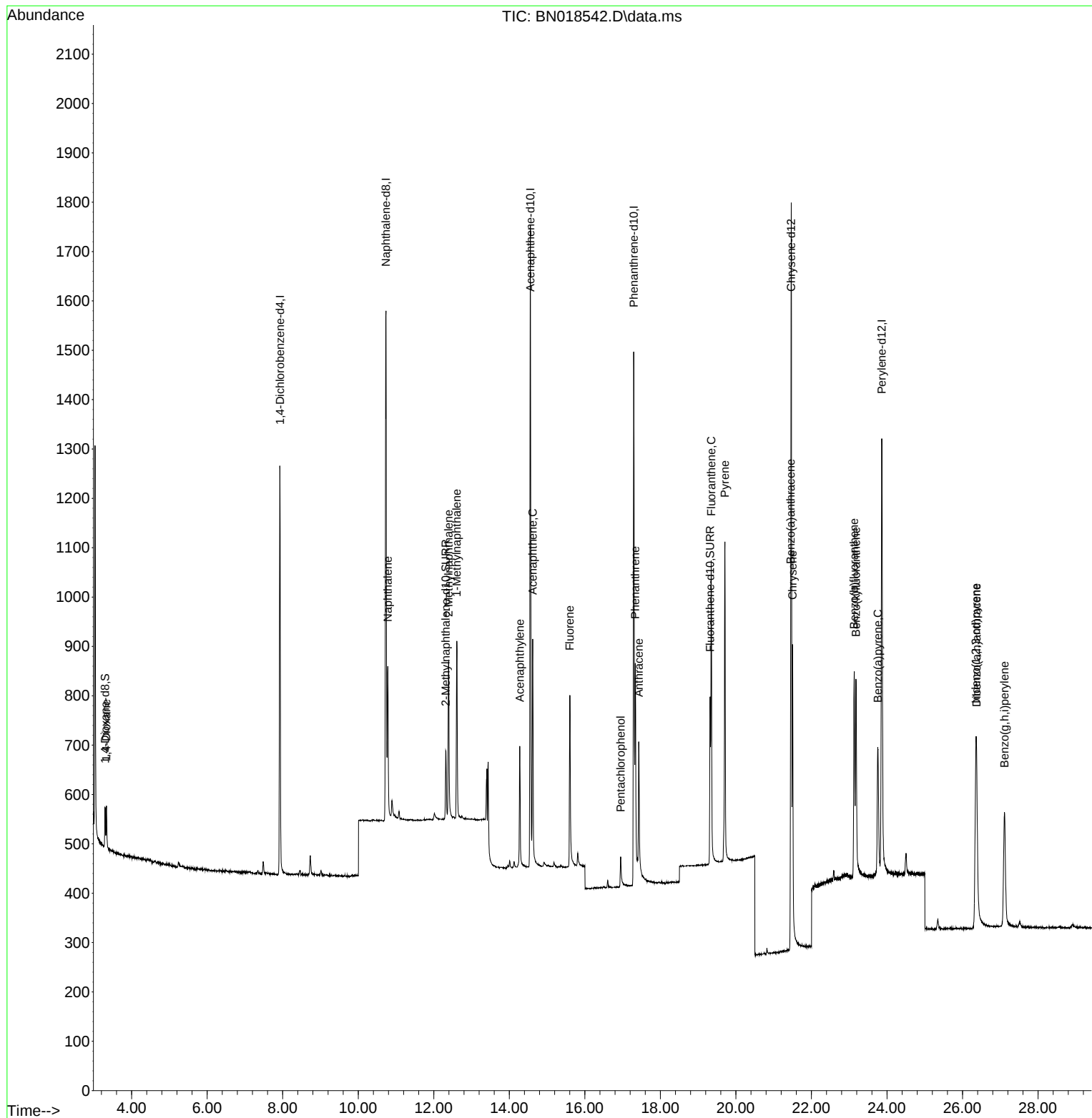
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.927	152	445	0.400	ng/ul	0.00
4) Naphthalene-d8	10.733	136	1492	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.558	164	769	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	1431	0.400	ng/ul #	0.00
17) Chrysene-d12	21.464	240	1347	0.400	ng/ul #	0.00
23) Perylene-d12	23.861	264	1279	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	58	0.113	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.317	152	202	0.100	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	408	0.108	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.332	88	67	0.124	ng/ul	94
5) Naphthalene	10.783	128	430	0.105	ng/ul#	67
7) 2-Methylnaphthalene	12.394	142	261	0.100	ng/ul	98
8) 1-Methylnaphthalene	12.608	142	277	0.104	ng/ul	98
10) Acenaphthylene	14.276	152	319	0.100	ng/ul#	62
11) Acenaphthene	14.618	153	278	0.105	ng/ul#	94
12) Fluorene	15.603	166	286	0.101	ng/ul#	91
14) Pentachlorophenol	16.947	266	61	0.480	ng/ul	93
15) Phenanthrene	17.336	178	489	0.106	ng/ul#	73
16) Anthracene	17.429	178	375	0.098	ng/ul#	68
19) Fluoranthene	19.346	202	557	0.107	ng/ul#	66
20) Pyrene	19.709	202	594	0.111	ng/ul#	69
21) Benzo(a)anthracene	21.450	228	446	0.101	ng/ul#	82
22) Chrysene	21.499	228	554	0.108	ng/ul#	84
24) Benzo(b)fluoranthene	23.130	252	579	0.109	ng/ul#	61
25) Benzo(k)fluoranthene	23.180	252	596	0.107	ng/ul#	63
26) Benzo(a)pyrene	23.756	252	455	0.103	ng/ul#	43
27) Indeno(1,2,3-cd)pyrene	26.353	276	614	0.106	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.373	278	474	0.104	ng/ul#	42
29) Benzo(g,h,i)perylene	27.111	276	552	0.110	ng/ul#	56

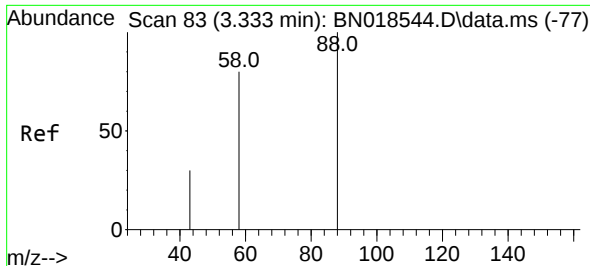
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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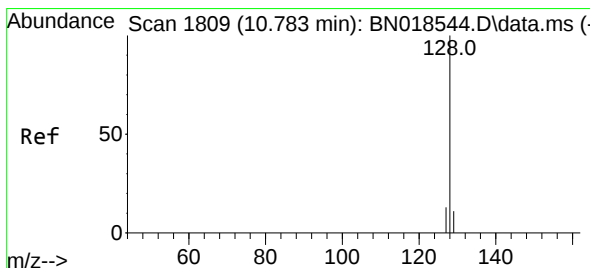
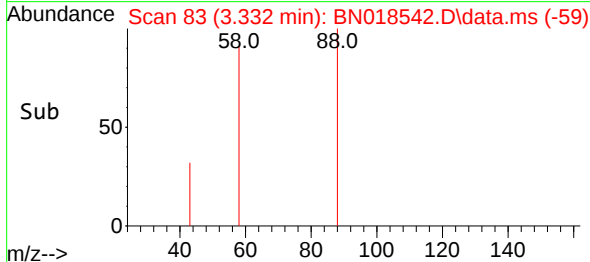
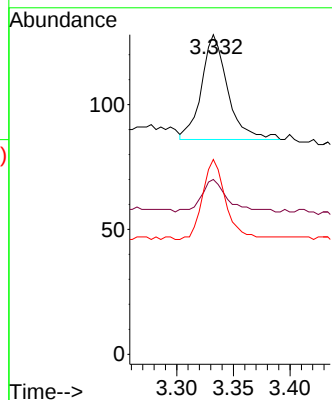
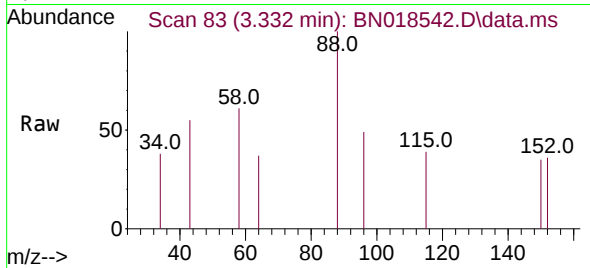


#2
 1,4-Dioxane
 Concen: 0.124 ng/ul
 RT: 3.332 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BN018542.D
 Acq: 02 Feb 2022 10:36

Instrument :
 BNA_N
 ClientSampleId :
 SST00.1236

Tgt Ion: 88 Resp: 67

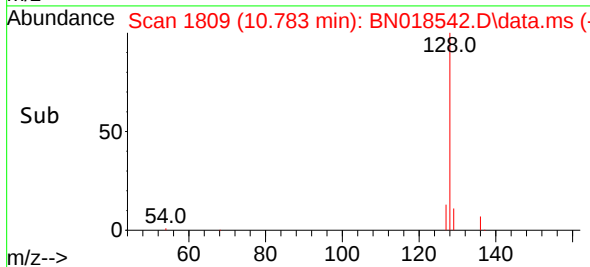
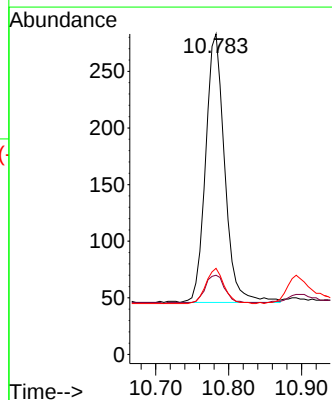
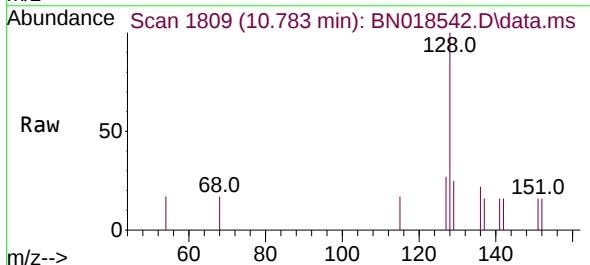
Ion	Ratio	Lower	Upper
88	100		
43	54.7	47.8	71.8
58	60.9	46.2	69.2

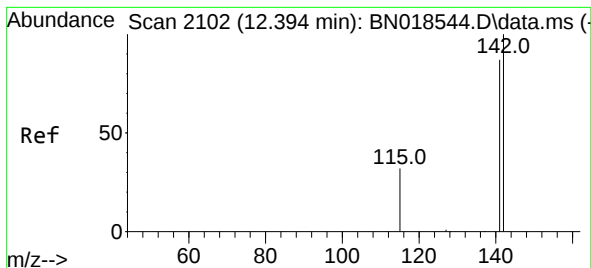


#5
 Naphthalene
 Concen: 0.105 ng/ul
 RT: 10.783 min Scan# 1809
 Delta R.T. -0.000 min
 Lab File: BN018542.D
 Acq: 02 Feb 2022 10:36

Tgt Ion: 128 Resp: 430

Ion	Ratio	Lower	Upper
128	100		
129	24.7	9.4	14.0#
127	26.9	11.0	16.6#

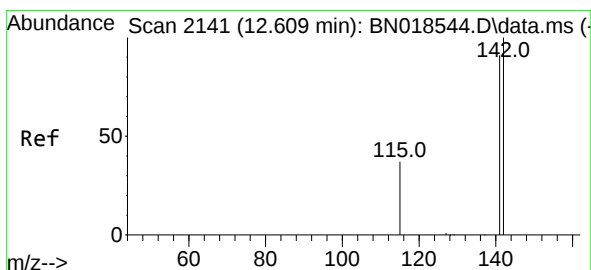
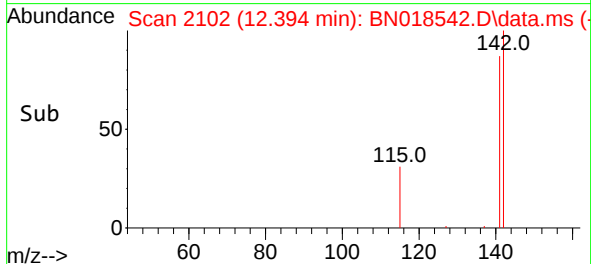
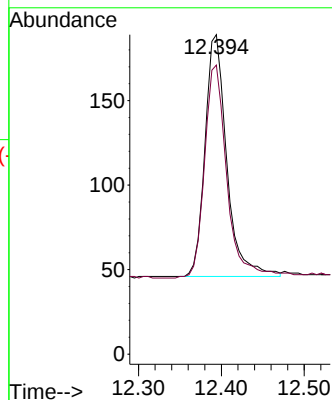
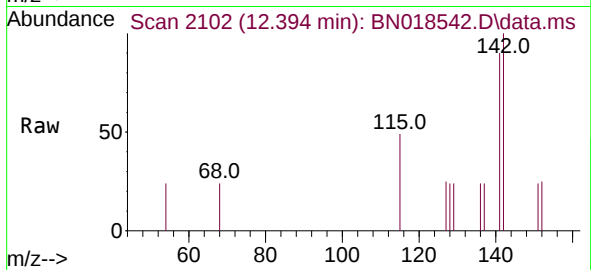




#7
2-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.394 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

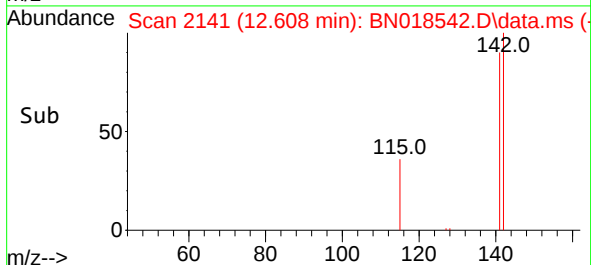
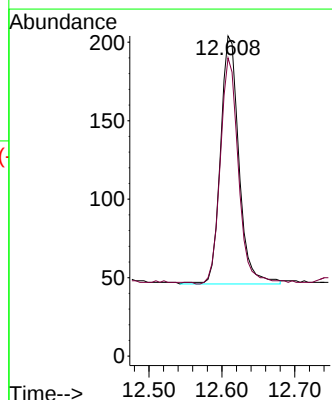
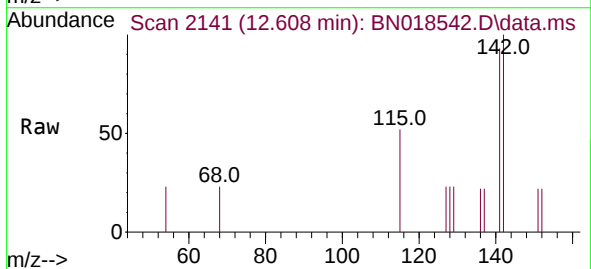
Instrument :
BNA_N
ClientSampleId :
SSTD0.1236

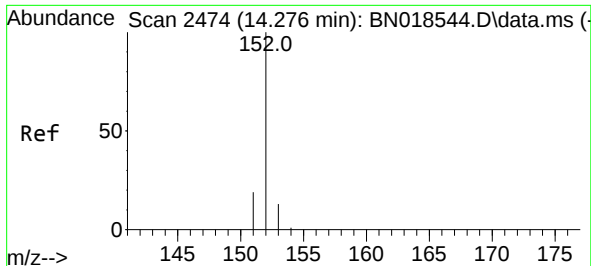
Tgt Ion:142 Resp: 261
Ion Ratio Lower Upper
142 100
141 90.4 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.608 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

Tgt Ion:142 Resp: 277
Ion Ratio Lower Upper
142 100
141 89.9 73.2 109.8

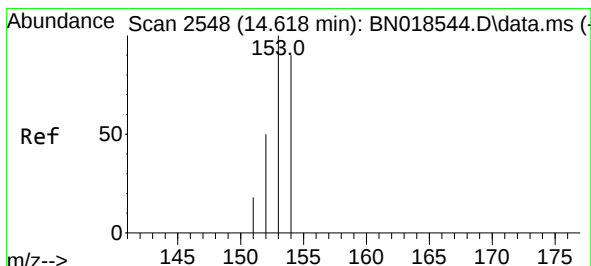
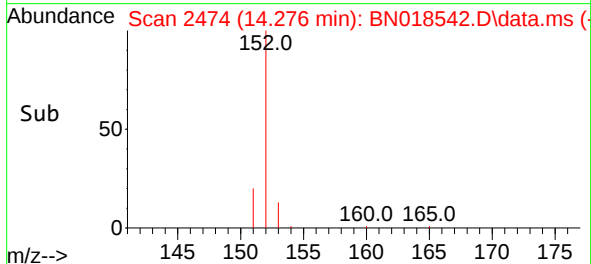
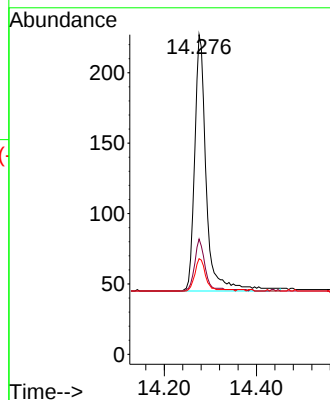
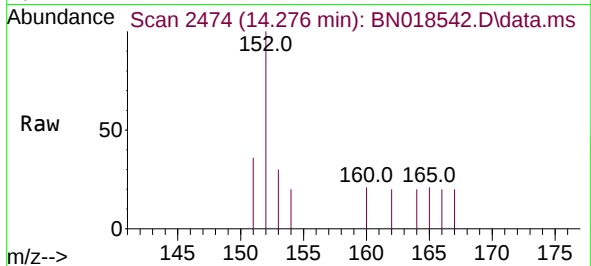




#10
Acenaphthylene
Concen: 0.100 ng/ul
RT: 14.276 min Scan# 2474
Delta R.T. -0.000 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

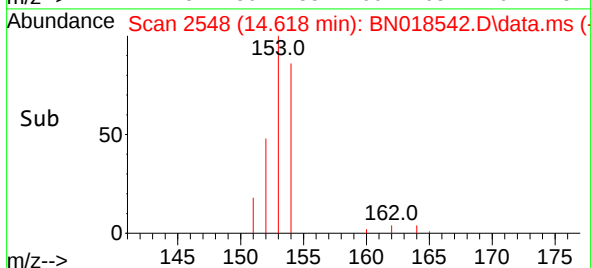
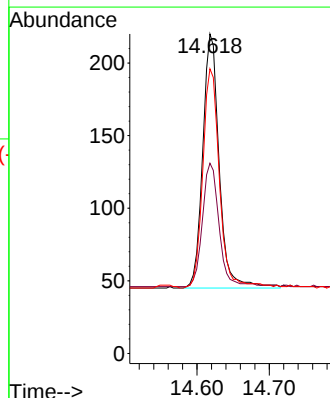
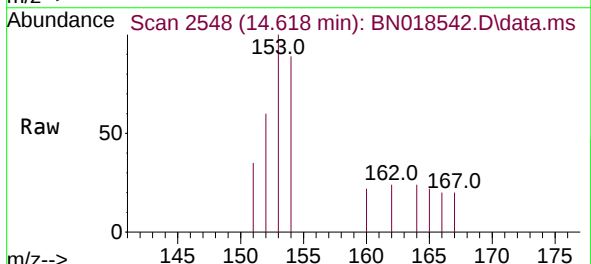
Instrument :
BNA_N
ClientSampleId :
SSTD0.1236

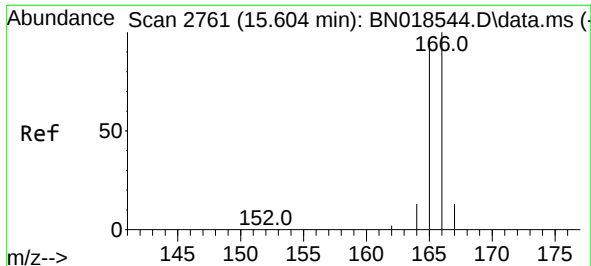
Tgt Ion:152 Resp: 319
Ion Ratio Lower Upper
152 100
151 36.1 15.8 23.8#
153 30.0 10.7 16.1#



#11
Acenaphthene
Concen: 0.105 ng/ul
RT: 14.618 min Scan# 2548
Delta R.T. -0.000 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

Tgt Ion:153 Resp: 278
Ion Ratio Lower Upper
153 100
152 59.5 39.7 59.5#
154 89.1 70.9 106.3

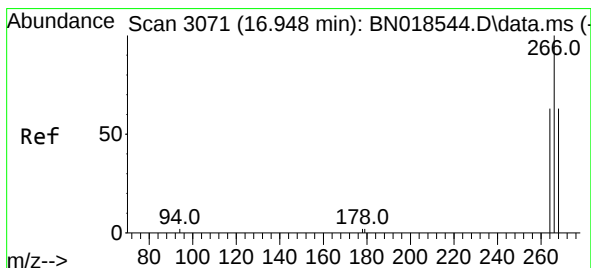
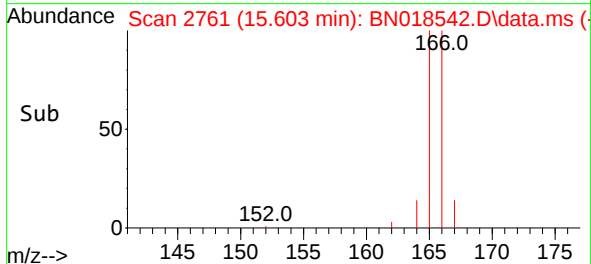
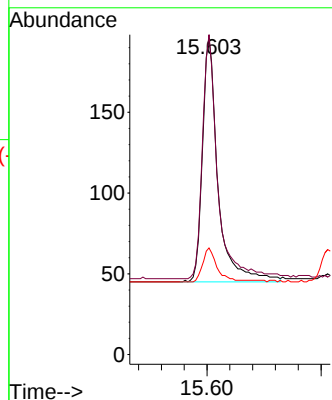
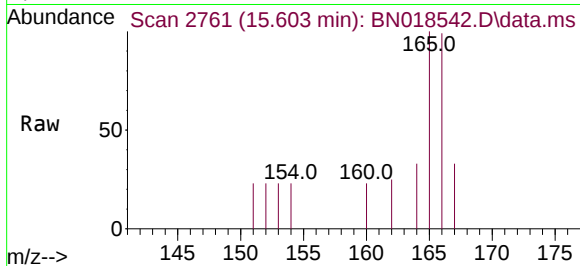




#12
Fluorene
Concen: 0.101 ng/ul
RT: 15.603 min Scan# 2761
Delta R.T. -0.000 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

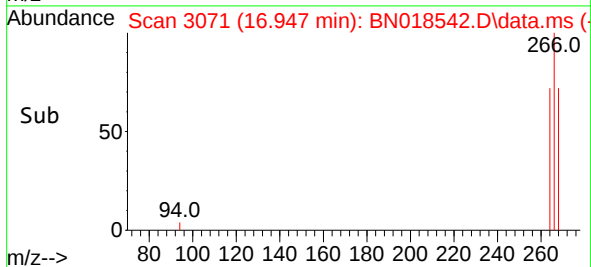
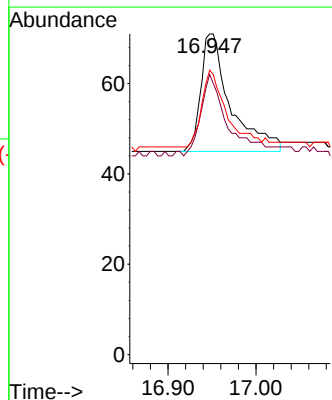
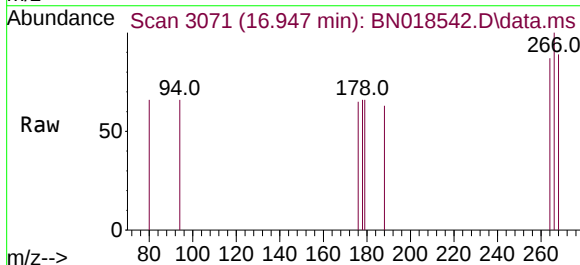
Instrument :
BNA_N
ClientSampleId :
SSTD0.1236

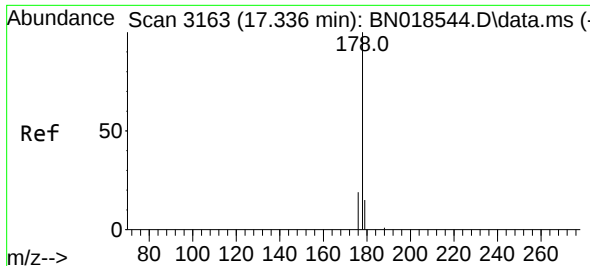
Tgt Ion:166 Resp: 286
Ion Ratio Lower Upper
166 100
165 101.0 77.8 116.6
167 33.7 11.6 17.4#



#14
Pentachlorophenol
Concen: 0.480 ng/ul
RT: 16.947 min Scan# 3071
Delta R.T. -0.000 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

Tgt Ion:266 Resp: 61
Ion Ratio Lower Upper
266 100
264 65.6 49.9 74.9
268 57.4 51.7 77.5

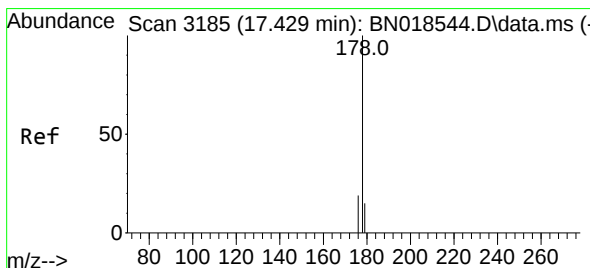
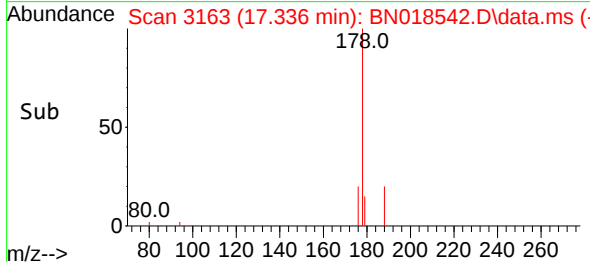
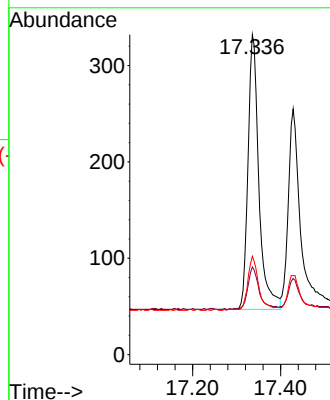
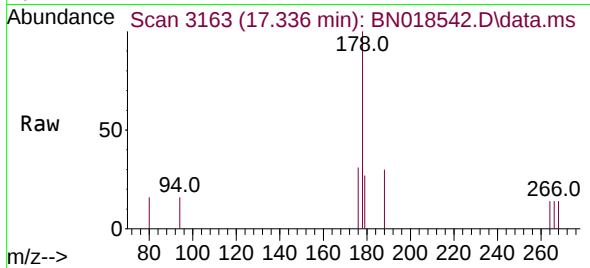




#15
Phenanthrene
Concen: 0.106 ng/u1
RT: 17.336 min Scan# 3163
Delta R.T. -0.000 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

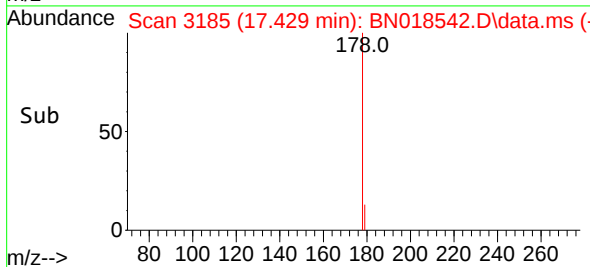
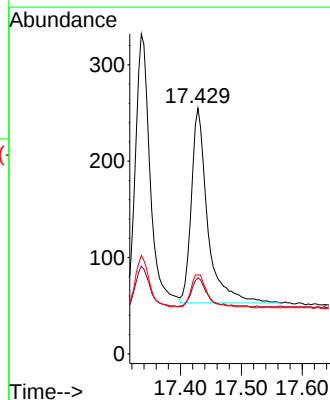
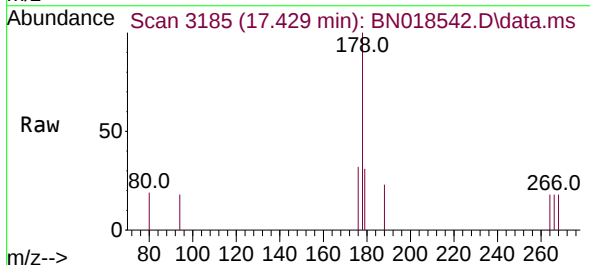
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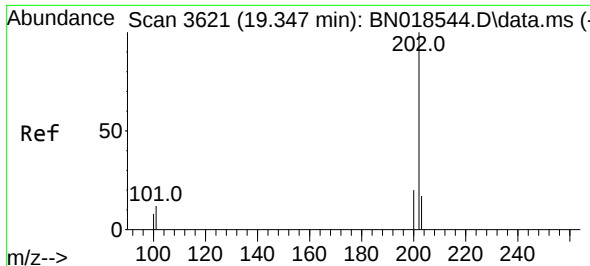
Tgt Ion:178 Resp: 489
Ion Ratio Lower Upper
178 100
179 27.4 12.2 18.4#
176 30.7 15.4 23.2#



#16
Anthracene
Concen: 0.098 ng/u1
RT: 17.429 min Scan# 3185
Delta R.T. -0.000 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

Tgt Ion:178 Resp: 375
Ion Ratio Lower Upper
178 100
179 31.0 12.3 18.5#
176 32.2 15.5 23.3#

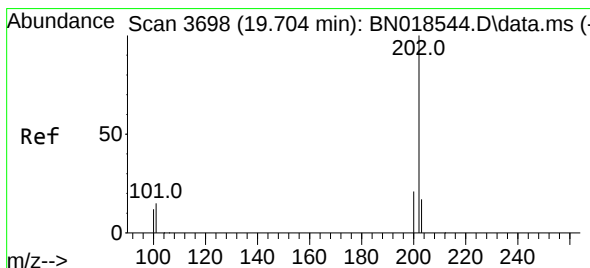
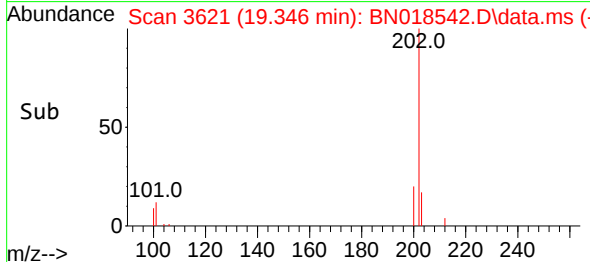
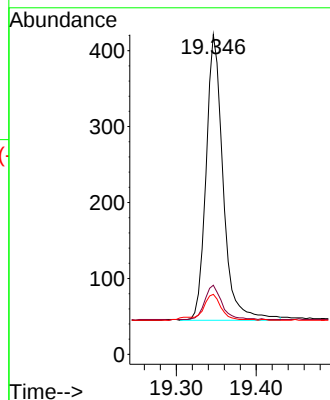
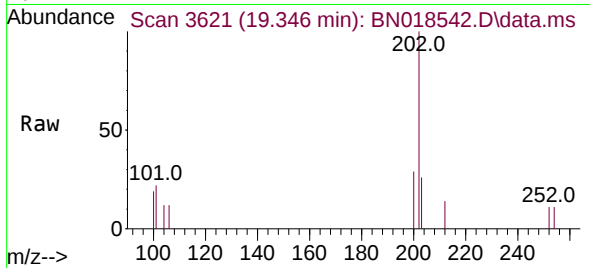




#19
Fluoranthene
Concen: 0.107 ng/ul
RT: 19.346 min Scan# 3621
Delta R.T. -0.000 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

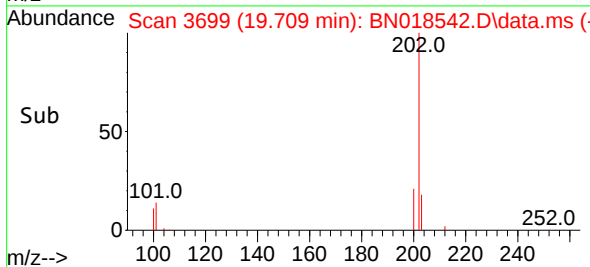
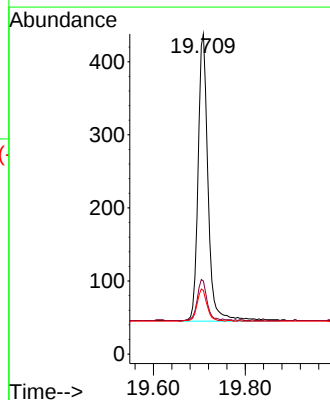
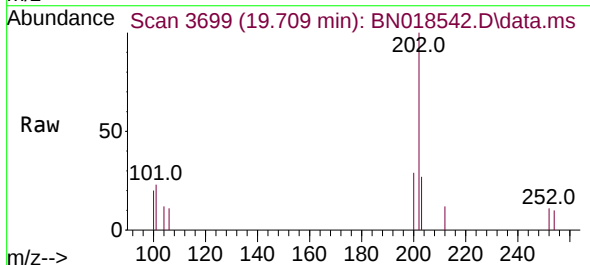
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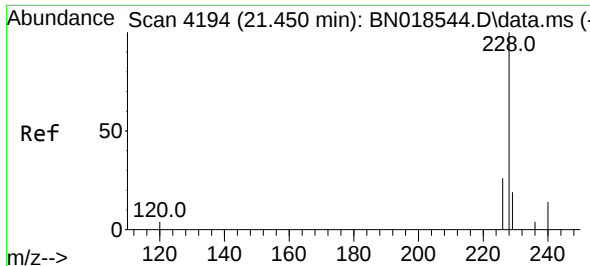
Tgt Ion:202 Resp: 557
Ion Ratio Lower Upper
202 100
101 21.6 7.5 11.3#
100 18.8 5.4 8.2#



#20
Pyrene
Concen: 0.111 ng/ul
RT: 19.709 min Scan# 3699
Delta R.T. 0.004 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

Tgt Ion:202 Resp: 594
Ion Ratio Lower Upper
202 100
101 22.8 9.0 13.4#
100 19.9 7.0 10.4#

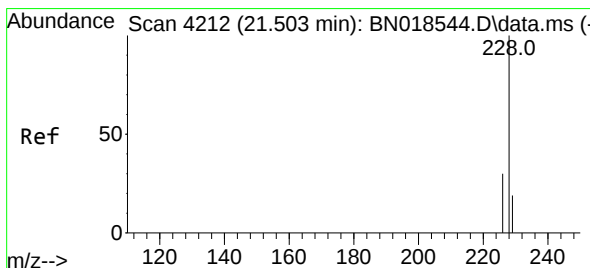
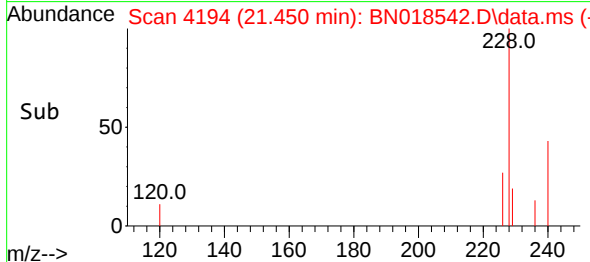
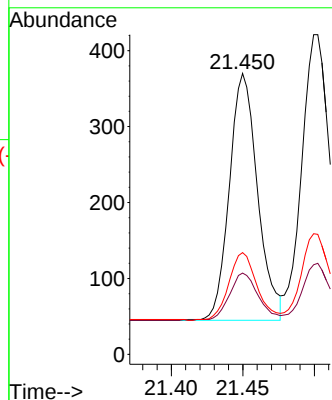
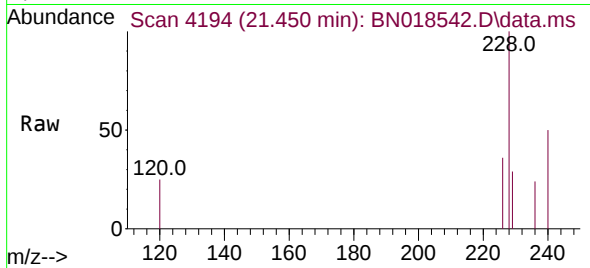




#21
Benzo(a)anthracene
Concen: 0.101 ng/ul
RT: 21.450 min Scan# 4194
Delta R.T. -0.000 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

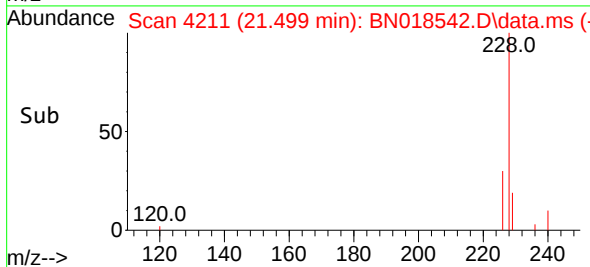
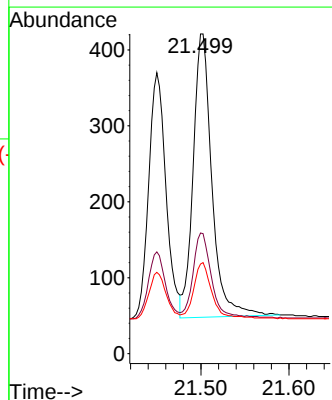
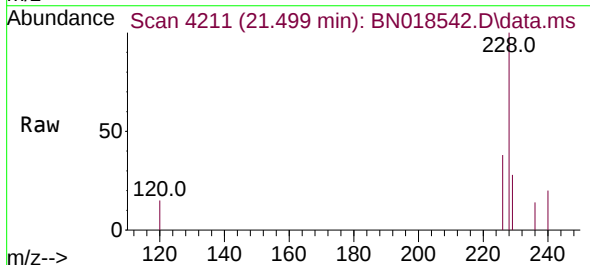
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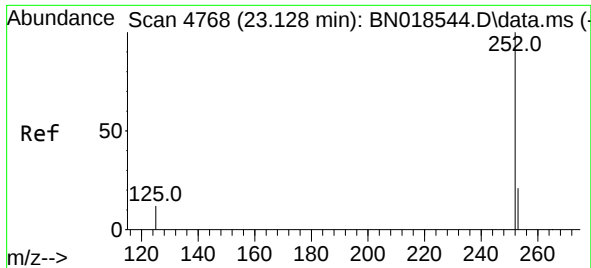
Tgt Ion:228 Resp: 446
Ion Ratio Lower Upper
228 100
229 28.9 15.6 23.4#
226 36.2 22.1 33.1#



#22
Chrysene
Concen: 0.108 ng/ul
RT: 21.499 min Scan# 4211
Delta R.T. -0.003 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

Tgt Ion:228 Resp: 554
Ion Ratio Lower Upper
228 100
226 37.8 24.2 36.4#
229 28.0 15.7 23.5#

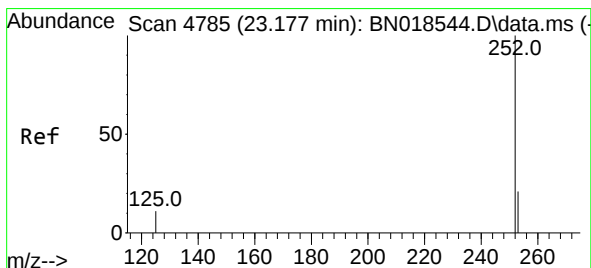
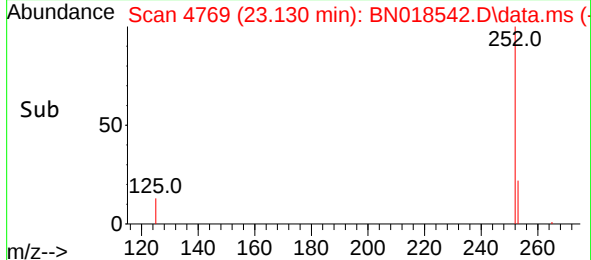
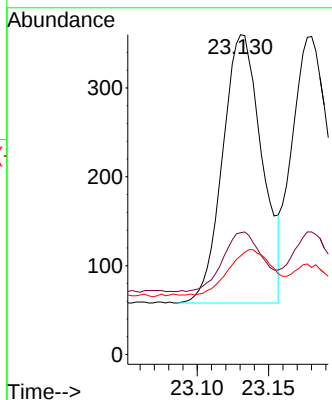
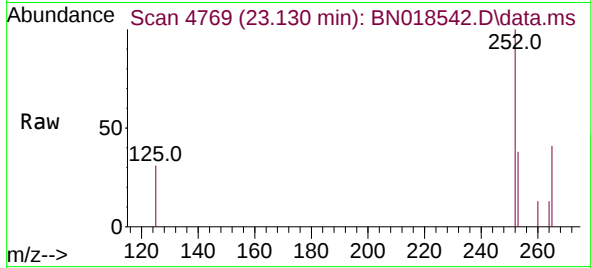




#24
Benzo(b)fluoranthene
Concen: 0.109 ng/ul
RT: 23.130 min Scan# 4769
Delta R.T. 0.003 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

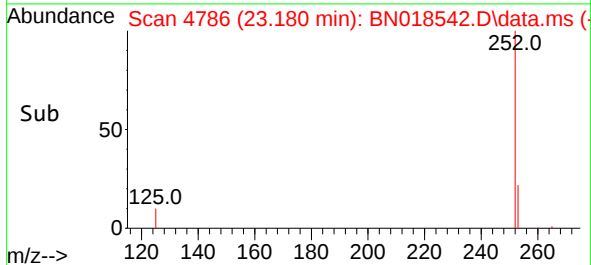
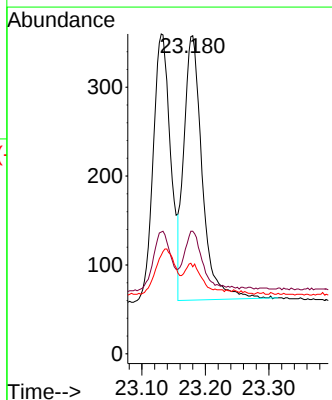
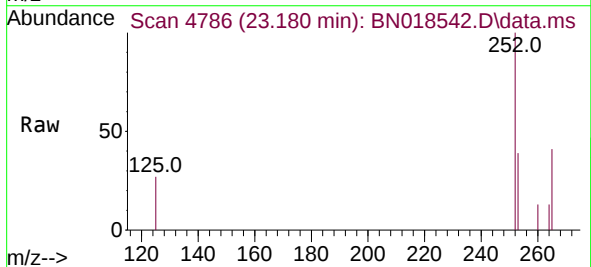
Instrument :
BNA_N
ClientSampleId :
SSTD0.1236

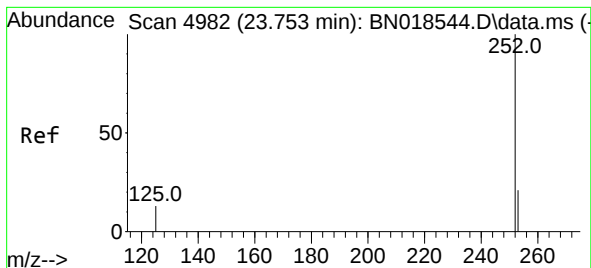
Tgt Ion:252 Resp: 579
Ion Ratio Lower Upper
252 100
253 38.1 0.0 46.4
125 30.8 0.0 17.8#



#25
Benzo(k)fluoranthene
Concen: 0.107 ng/ul
RT: 23.180 min Scan# 4786
Delta R.T. 0.003 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

Tgt Ion:252 Resp: 596
Ion Ratio Lower Upper
252 100
253 38.5 18.6 28.0#
125 27.4 7.3 10.9#





#26

Benzo(a)pyrene

Concen: 0.103 ng/ul

RT: 23.756 min Scan# 4983

Delta R.T. 0.003 min

Lab File: BN018542.D

Acq: 02 Feb 2022 10:36

Instrument :

BNA_N

ClientSampleId :

SSTD0.1236

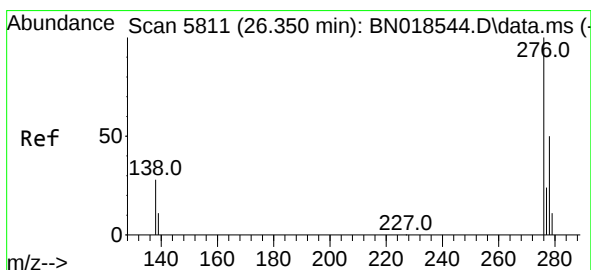
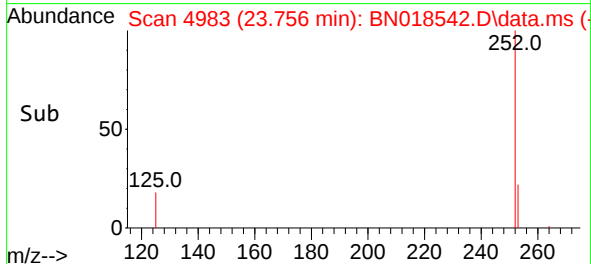
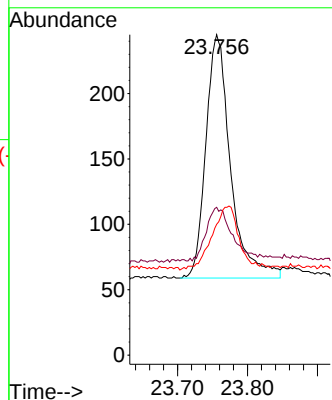
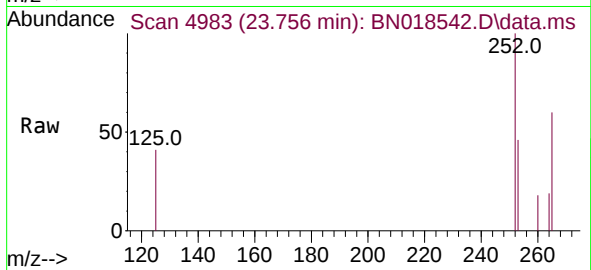
Tgt Ion:252 Resp: 455

Ion Ratio Lower Upper

252 100

253 46.1 18.9 28.3#

125 40.8 8.2 12.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.106 ng/ul

RT: 26.353 min Scan# 5812

Delta R.T. 0.003 min

Lab File: BN018542.D

Acq: 02 Feb 2022 10:36

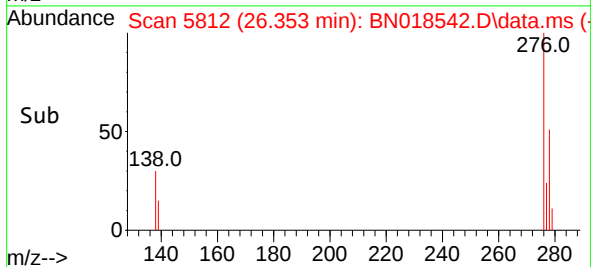
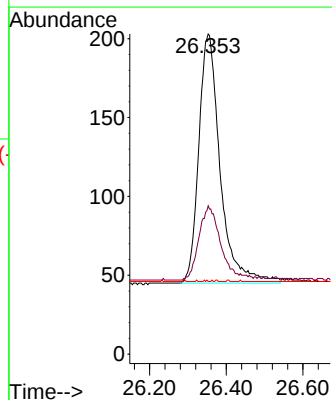
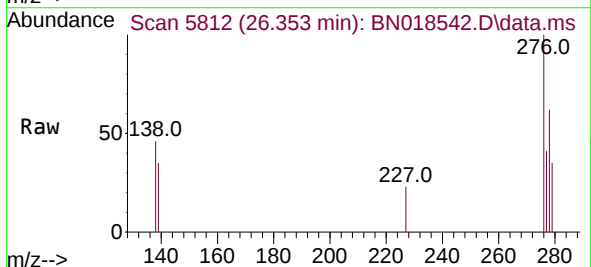
Tgt Ion:276 Resp: 614

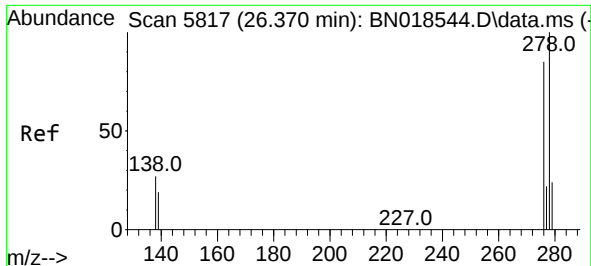
Ion Ratio Lower Upper

276 100

138 30.3 16.5 24.7#

227 0.0 0.1 0.1#

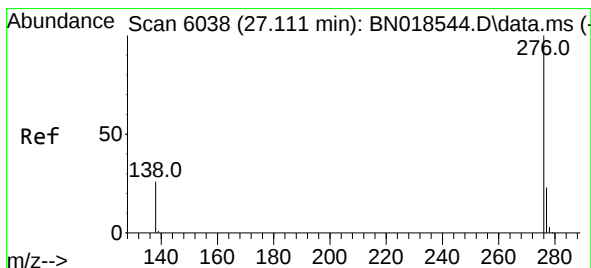
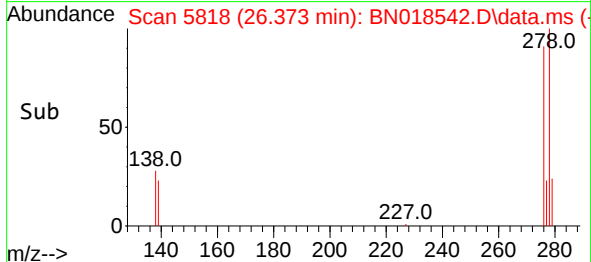
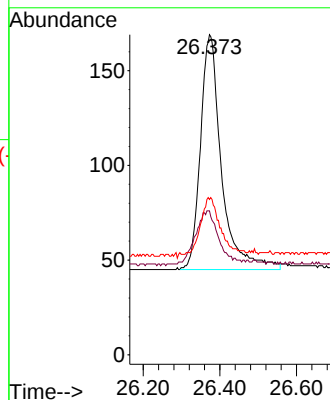
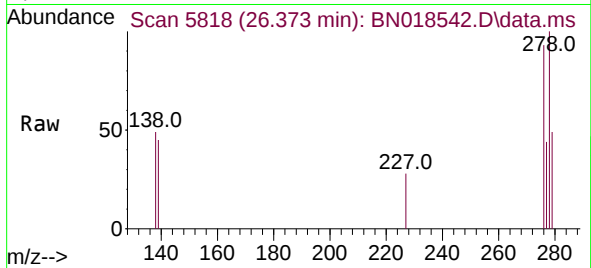




#28
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 26.373 min Scan# 5817
Delta R.T. 0.003 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.1236

Tgt Ion:278 Resp: 474
Ion Ratio Lower Upper
278 100
139 45.0 11.9 17.9#
279 48.5 19.5 29.3#



#29
Benzo(g,h,i)perylene
Concen: 0.110 ng/ul
RT: 27.111 min Scan# 6038
Delta R.T. -0.000 min
Lab File: BN018542.D
Acq: 02 Feb 2022 10:36

Tgt Ion:276 Resp: 552
Ion Ratio Lower Upper
276 100
138 43.1 14.4 21.6#
277 40.6 19.2 28.8#

