

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052322\
 Data File : BN019909.D
 Acq On : 23 May 2022 11:08
 Operator : CG/JU
 Sample : SSTD0.137
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.1237

Quant Time: May 23 13:51:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 13:50:36 2022
 Response via : Initial Calibration

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

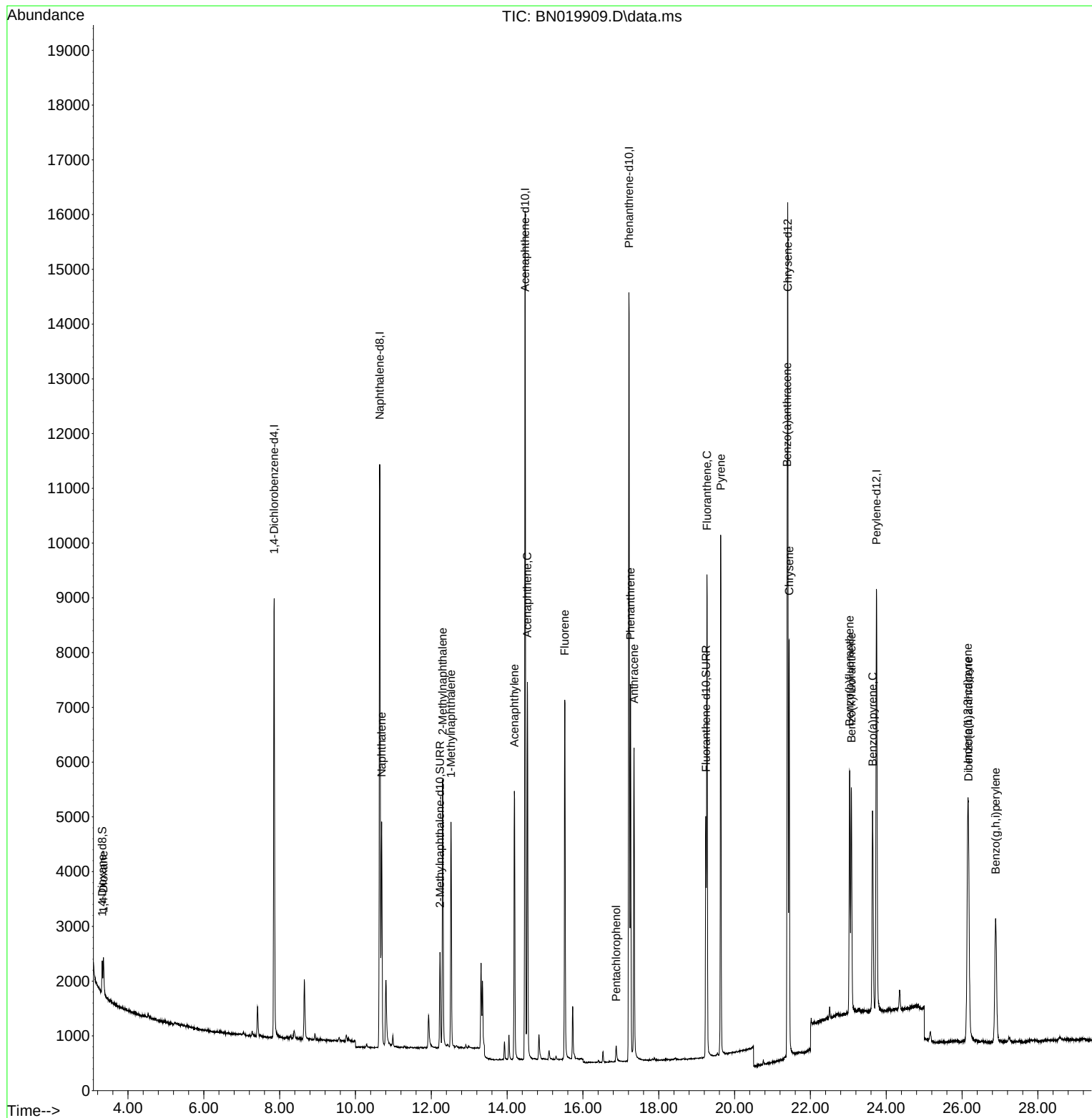
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4429	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	15348	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	8933	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	17561	0.400	ng/ul	0.00
17) Chrysene-d12	21.406	240	13167	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	11066	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	424	0.081	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	2478	0.107	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	4874	0.117	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	411	0.074	ng/ul#	81
5) Naphthalene	10.689	128	5820	0.117	ng/ul	98
7) 2-Methylnaphthalene	12.300	142	3763	0.124	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	2948	0.105	ng/ul#	100
10) Acenaphthylene	14.192	152	6127	0.139	ng/ul	99
11) Acenaphthene	14.534	153	4200	0.118	ng/ul	98
12) Fluorene	15.520	166	4552	0.117	ng/ul	98
14) Pentachlorophenol	16.875	266	290	0.077	ng/ul	94
15) Phenanthrene	17.255	178	7427	0.115	ng/ul	99
16) Anthracene	17.348	178	6844	0.130	ng/ul	99
19) Fluoranthene	19.271	202	8078	0.134	ng/ul	98
20) Pyrene	19.634	202	8312	0.138	ng/ul	98
21) Benzo(a)anthracene	21.388	228	6558	0.133	ng/ul	97
22) Chrysene	21.441	228	6645	0.115	ng/ul	99
24) Benzo(b)fluoranthene	23.033	252	5775	0.103	ng/ul	94
25) Benzo(k)fluoranthene	23.080	252	5729	0.106	ng/ul#	90
26) Benzo(a)pyrene	23.639	252	5550	0.116	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.151	276	5893	0.099	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.171	278	4845	0.097	ng/ul#	82
29) Benzo(g,h,i)perylene	26.886	276	5040	0.092	ng/ul#	90

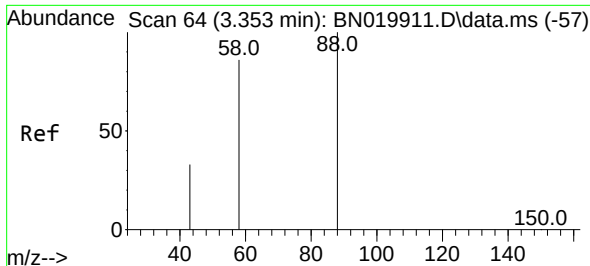
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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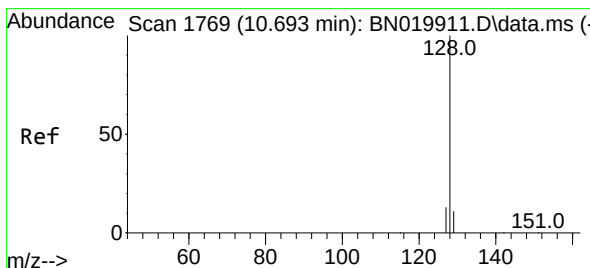
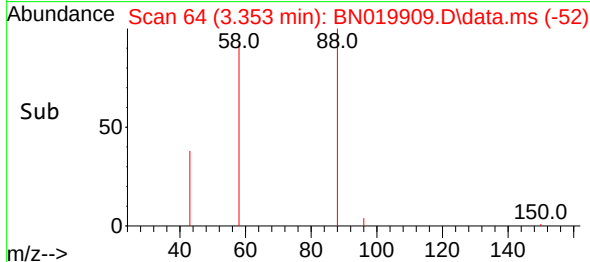
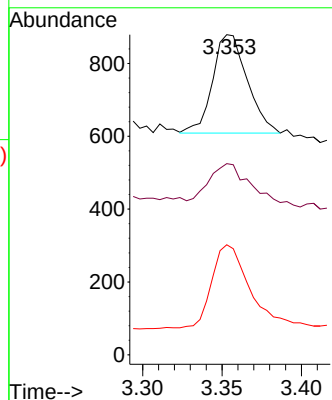
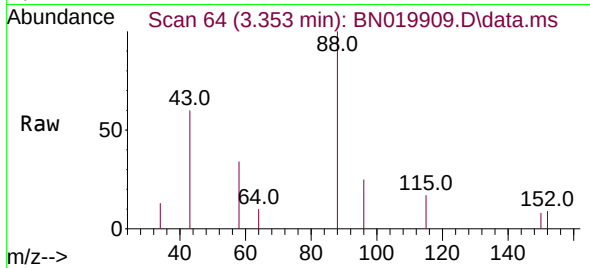




#2
 1,4-Dioxane
 Concen: 0.074 ng/ul
 RT: 3.353 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN019909.D
 Acq: 23 May 2022 11:08

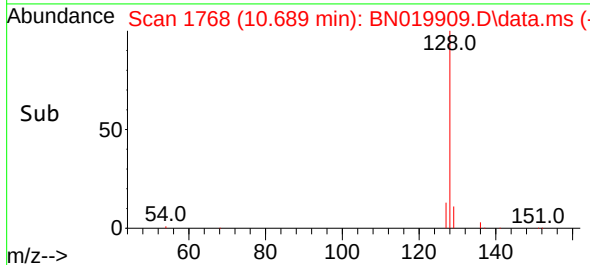
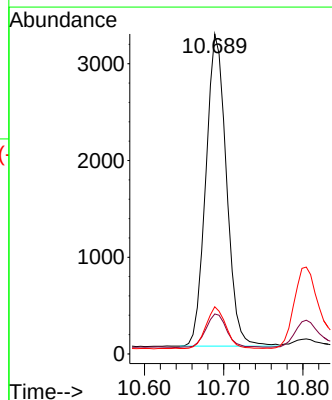
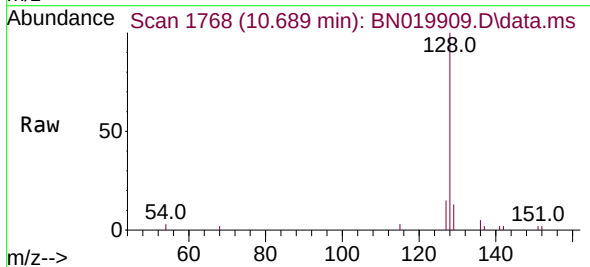
Instrument :
 BNA_N
 ClientSampleId :
 SST00.1237

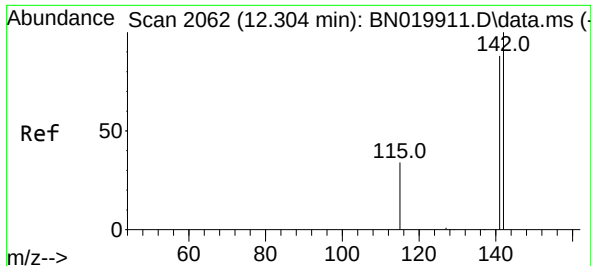
Tgt Ion: 88 Resp: 411
 Ion Ratio Lower Upper
 88 100
 43 59.7 39.0 58.4#
 58 34.4 39.8 59.8#



#5
 Naphthalene
 Concen: 0.117 ng/ul
 RT: 10.689 min Scan# 1768
 Delta R.T. -0.004 min
 Lab File: BN019909.D
 Acq: 23 May 2022 11:08

Tgt Ion: 128 Resp: 5820
 Ion Ratio Lower Upper
 128 100
 129 12.5 9.5 14.3
 127 14.8 11.0 16.4

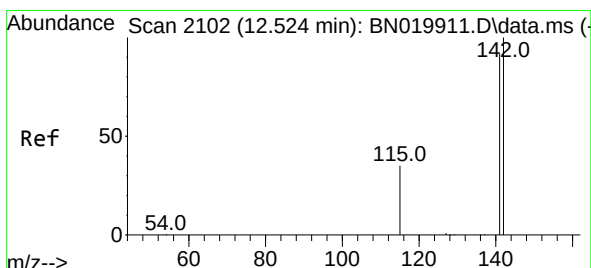
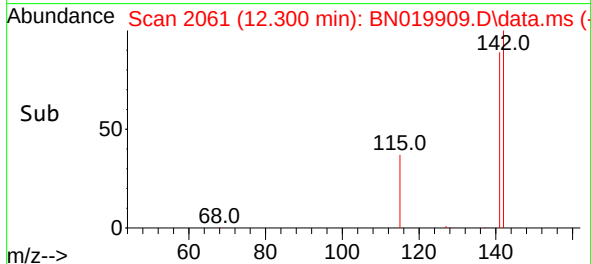
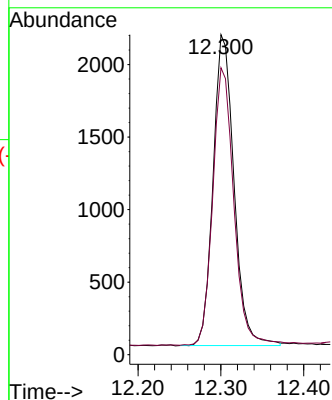
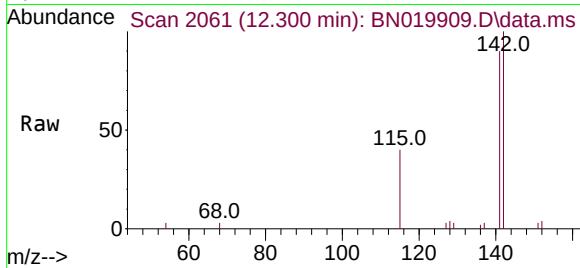




#7
2-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

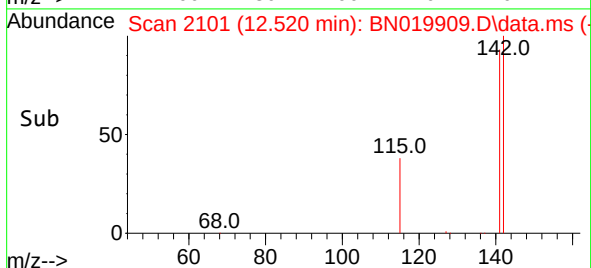
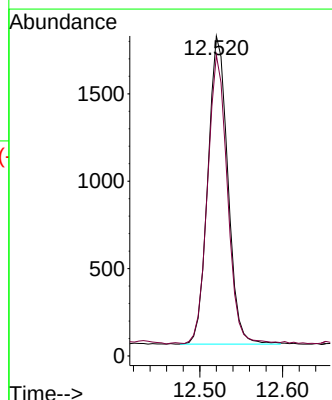
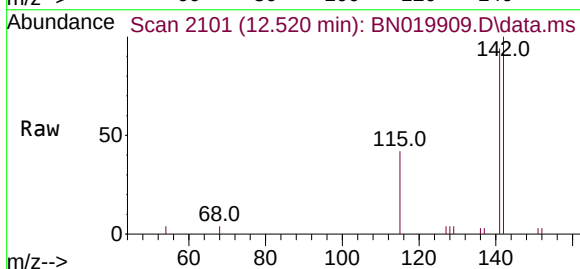
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

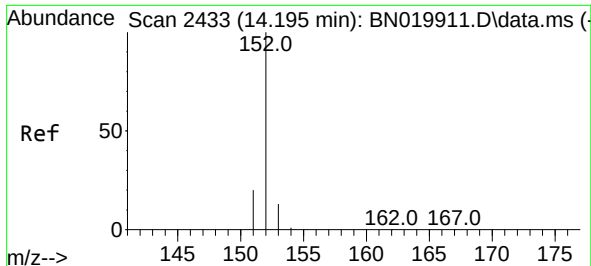
Tgt Ion:142 Resp: 3763
Ion Ratio Lower Upper
142 100
141 89.9 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

Tgt Ion:142 Resp: 2948
Ion Ratio Lower Upper
142 100
141 92.9 0.0 0.0#

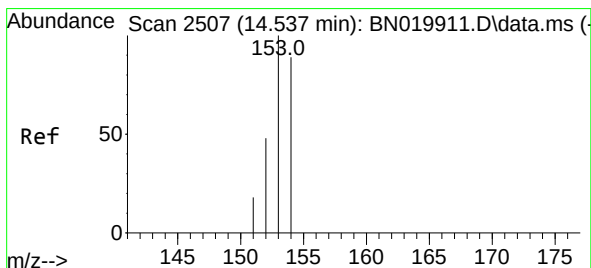
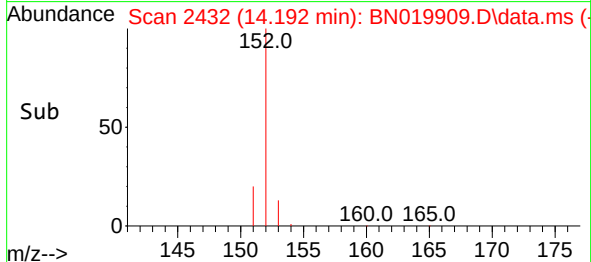
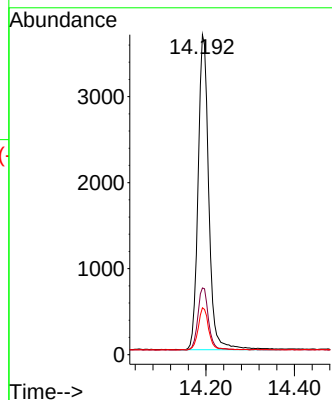
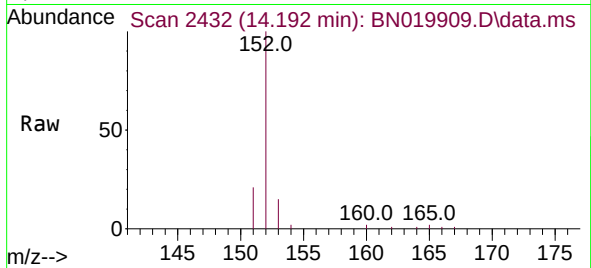




#10
Acenaphthylene
Concen: 0.139 ng/ul
RT: 14.192 min Scan# 2433
Delta R.T. -0.003 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

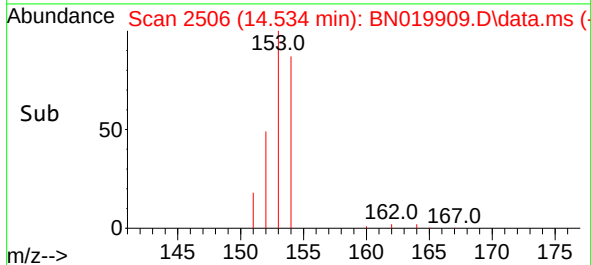
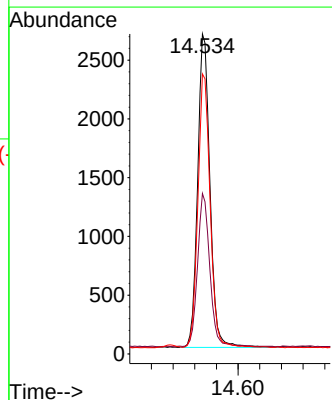
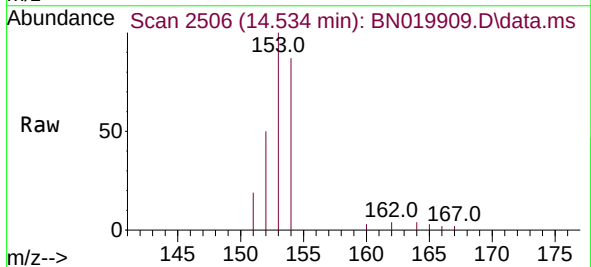
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

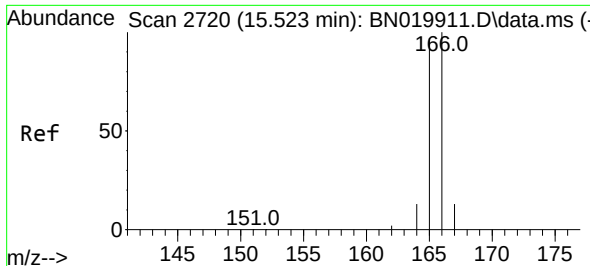
Tgt Ion:152 Resp: 6127
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 14.6 11.1 16.7



#11
Acenaphthene
Concen: 0.118 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.003 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

Tgt Ion:153 Resp: 4200
Ion Ratio Lower Upper
153 100
152 50.2 38.6 57.8
154 87.5 71.2 106.8

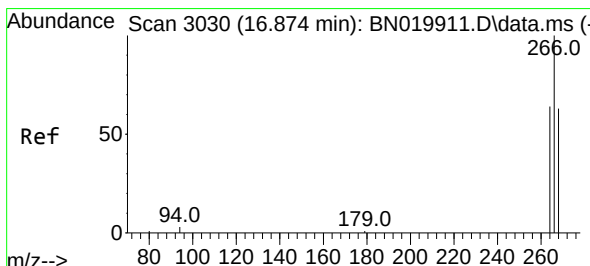
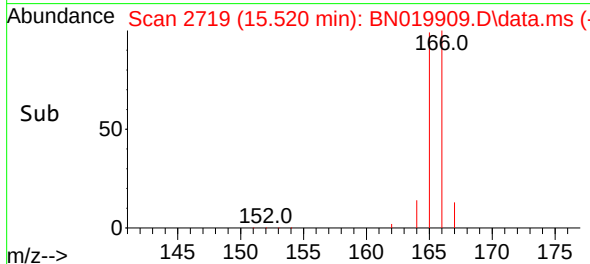
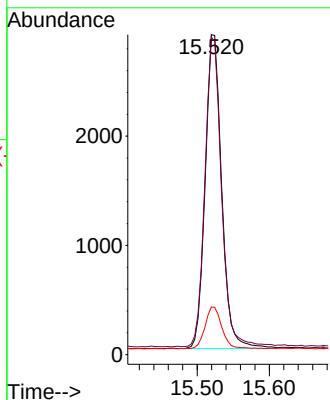
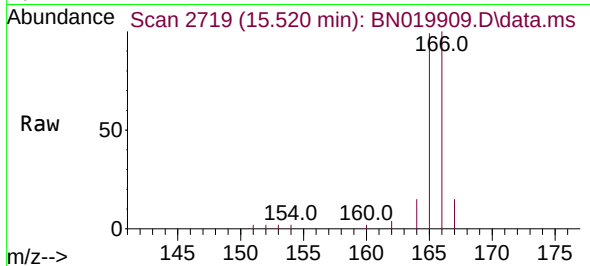




#12
Fluorene
Concen: 0.117 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.003 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

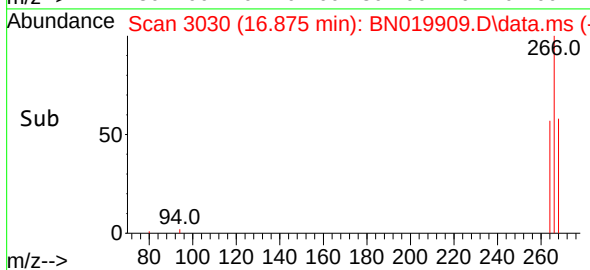
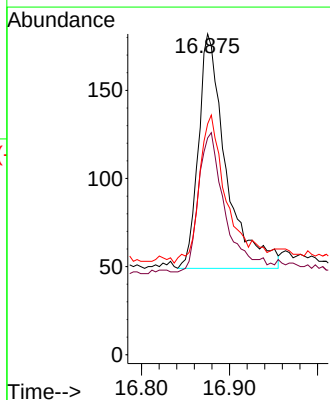
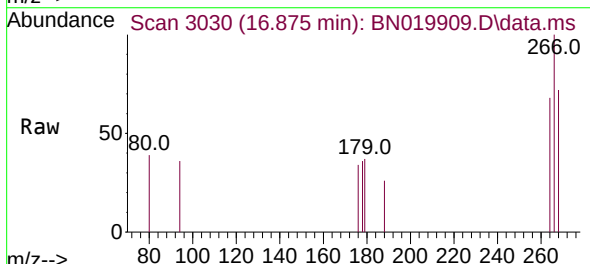
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

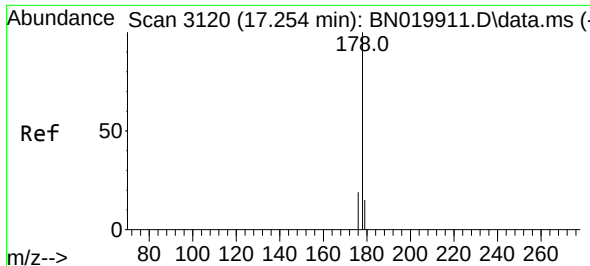
Tgt Ion:	166	Resp:	4552
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.2	117.2
167	14.9	11.3	16.9



#14
Pentachlorophenol
Concen: 0.077 ng/ul
RT: 16.875 min Scan# 3030
Delta R.T. 0.001 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

Tgt Ion:	266	Resp:	290
Ion Ratio	Lower	Upper	
266	100		
264	57.9	44.9	67.3
268	63.1	44.6	67.0

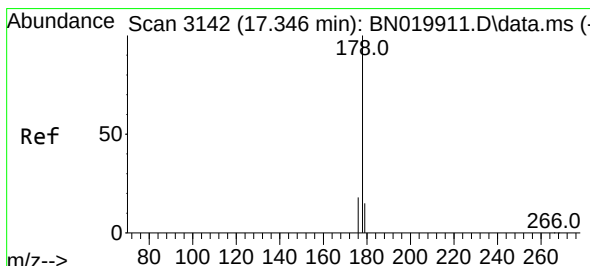
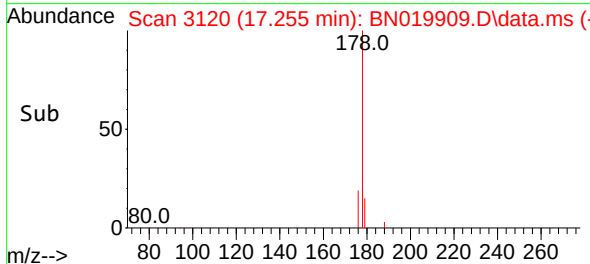
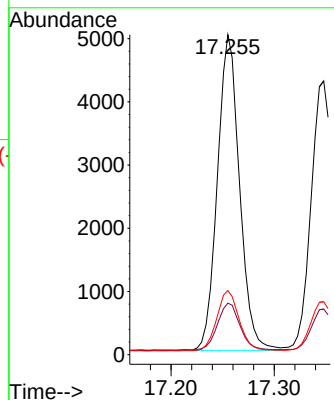
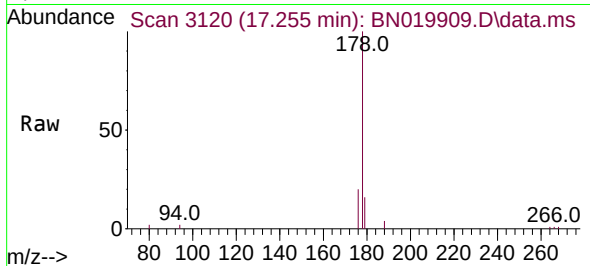




#15
Phenanthrene
Concen: 0.115 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

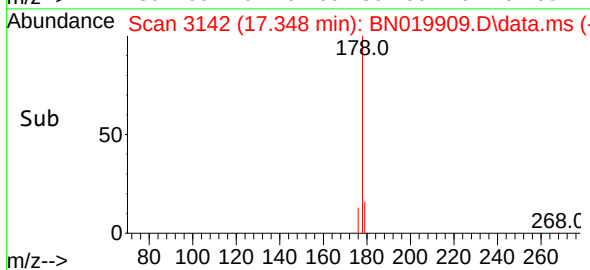
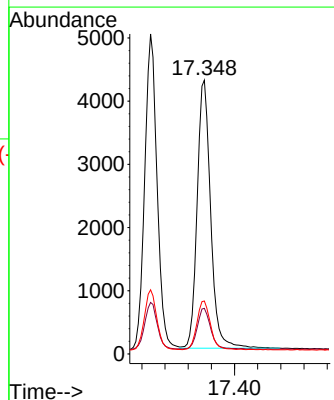
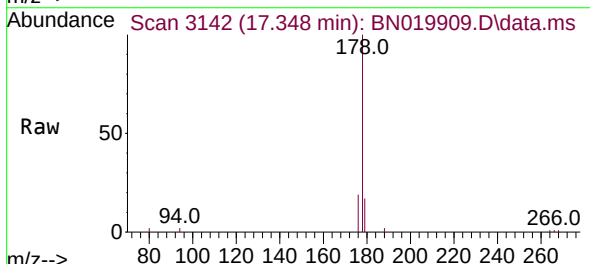
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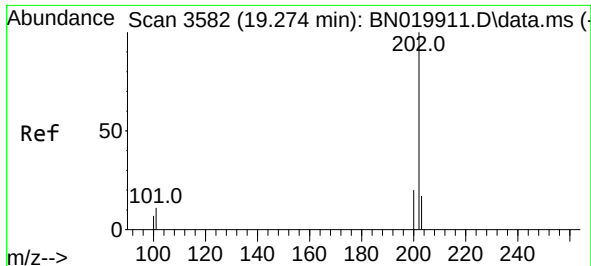
Tgt Ion:178 Resp: 7427
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 20.1 15.5 23.3



#16
Anthracene
Concen: 0.130 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. 0.001 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

Tgt Ion:178 Resp: 6844
Ion Ratio Lower Upper
178 100
179 16.6 13.1 19.7
176 19.3 15.3 22.9

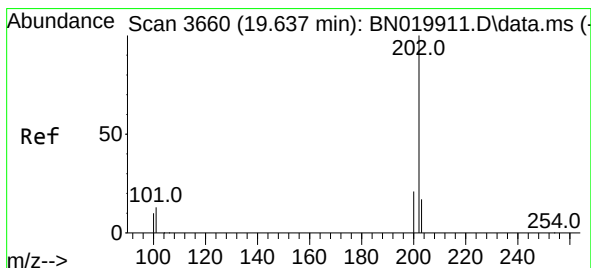
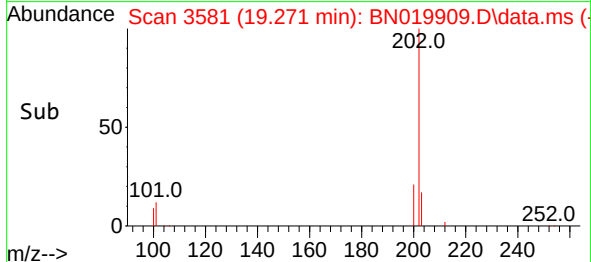
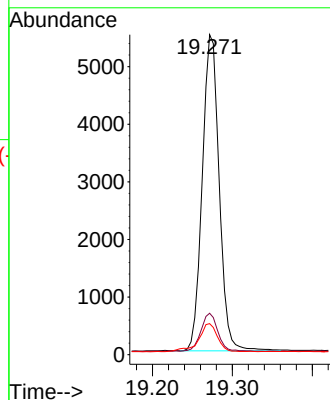
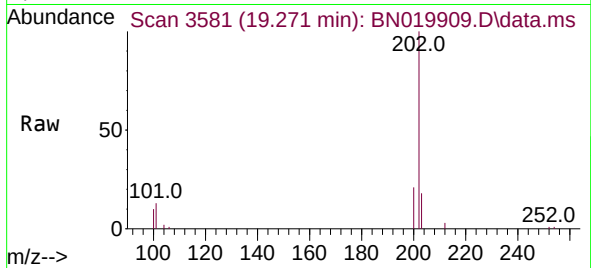




#19
Fluoranthene
Concen: 0.134 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.003 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

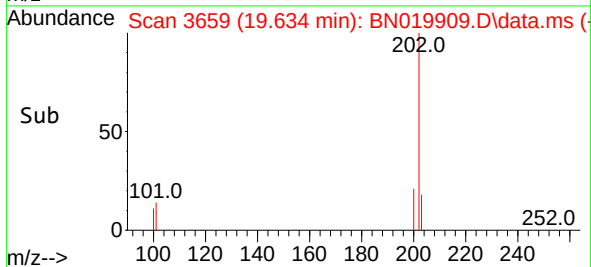
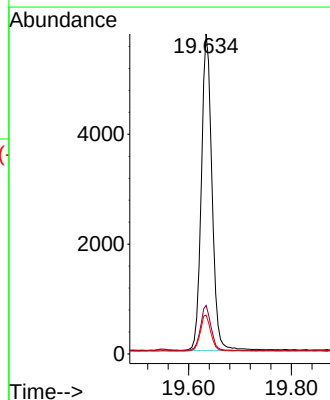
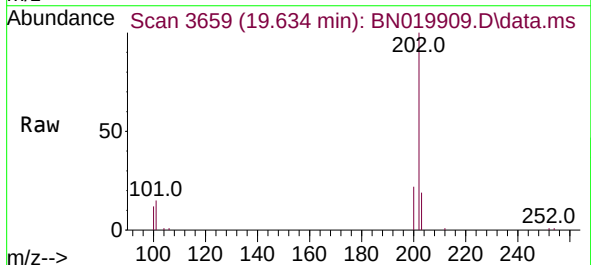
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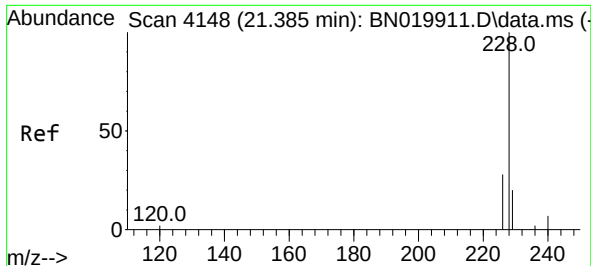
Tgt Ion:202 Resp: 8078
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 9.7 7.4 11.2



#20
Pyrene
Concen: 0.138 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.003 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

Tgt Ion:202 Resp: 8312
Ion Ratio Lower Upper
202 100
101 15.1 11.4 17.0
100 12.1 9.0 13.4

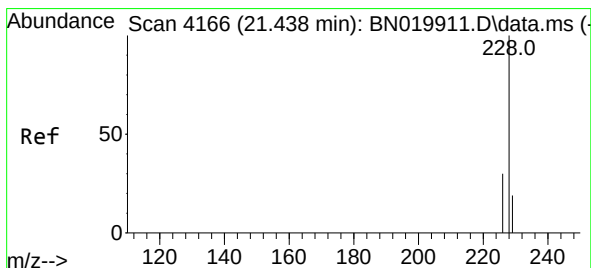
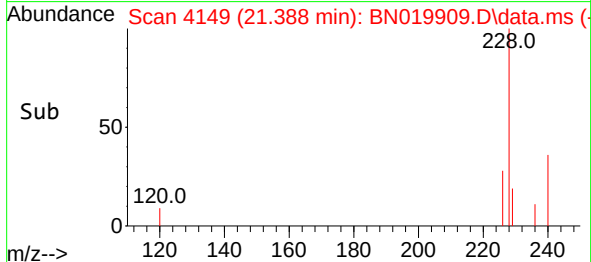
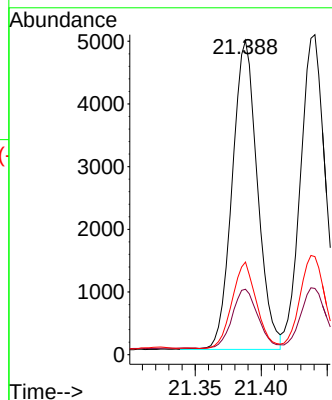
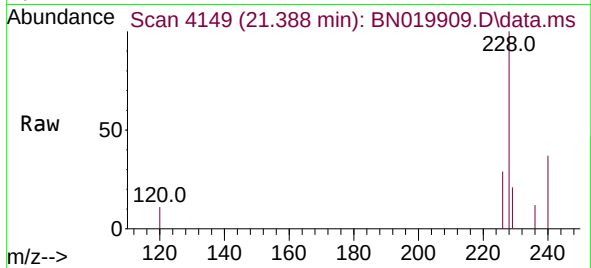




#21
Benzo(a)anthracene
Concen: 0.133 ng/ul
RT: 21.388 min Scan# 4148
Delta R.T. 0.003 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

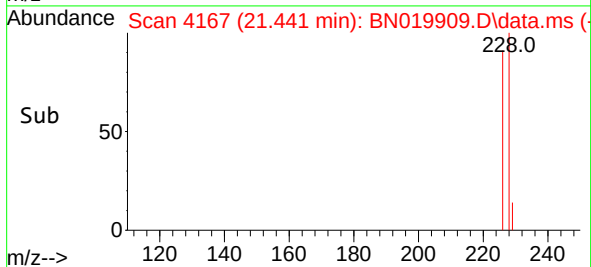
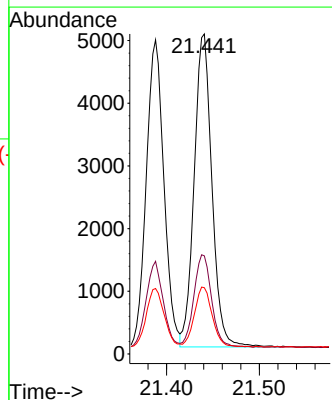
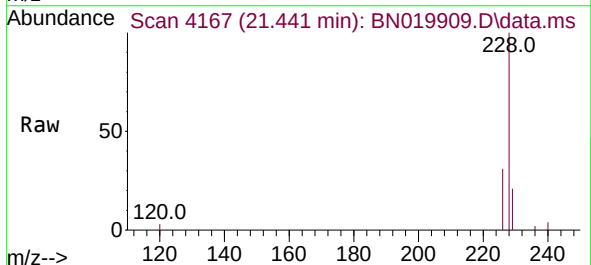
Instrument :
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SSTD0.1237

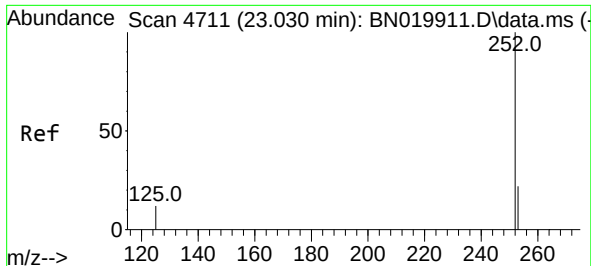
Tgt Ion:228 Resp: 6558
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 29.5 22.1 33.1



#22
Chrysene
Concen: 0.115 ng/ul
RT: 21.441 min Scan# 4167
Delta R.T. 0.003 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

Tgt Ion:228 Resp: 6645
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 20.7 16.0 24.0

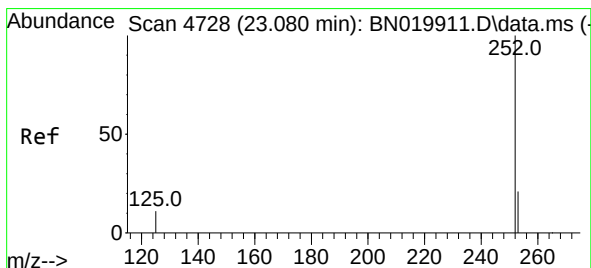
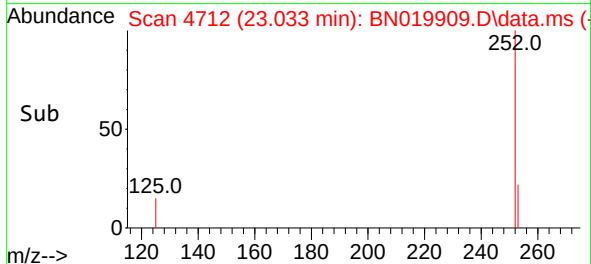
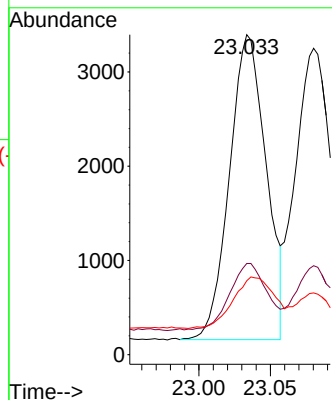
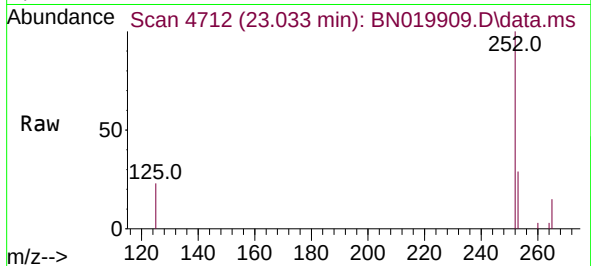




#24
Benzo(b)fluoranthene
Concen: 0.103 ng/ul
RT: 23.033 min Scan# 4711
Delta R.T. 0.003 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

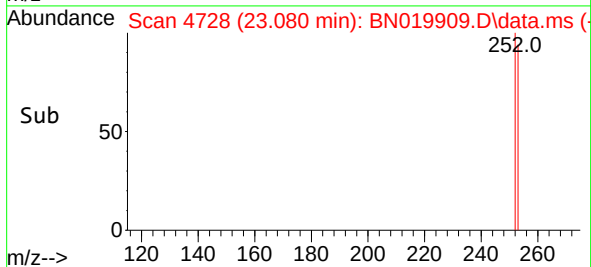
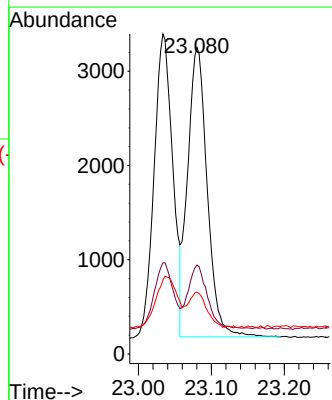
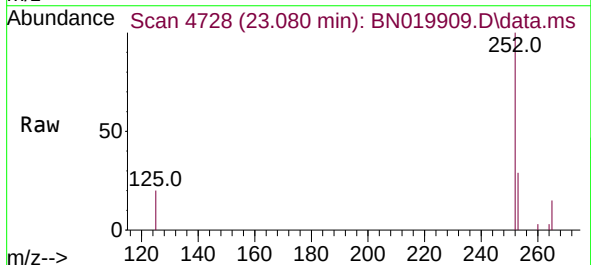
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

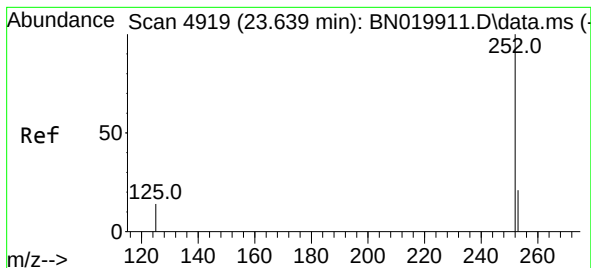
Tgt Ion:252 Resp: 5775
Ion Ratio Lower Upper
252 100
253 28.5 0.0 52.0
125 23.1 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.106 ng/ul
RT: 23.080 min Scan# 4728
Delta R.T. 0.000 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

Tgt Ion:252 Resp: 5729
Ion Ratio Lower Upper
252 100
253 29.0 20.2 30.2
125 20.1 11.0 16.6#





#26

Benzo(a)pyrene

Concen: 0.116 ng/ul

RT: 23.639 min Scan# 4919

Delta R.T. 0.000 min

Lab File: BN019909.D

Acq: 23 May 2022 11:08

Instrument :

BNA_N

ClientSampleId :

SSTD0.1237

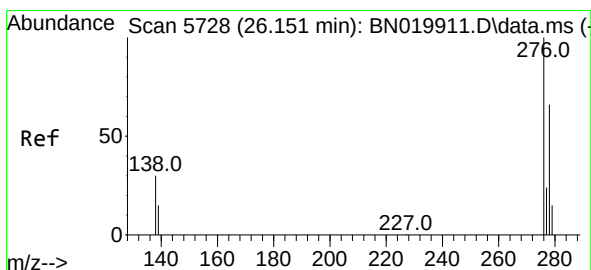
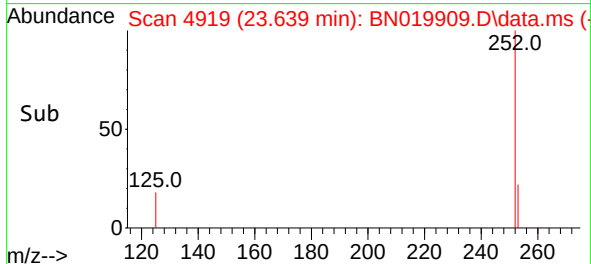
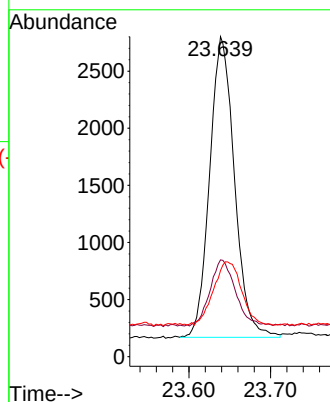
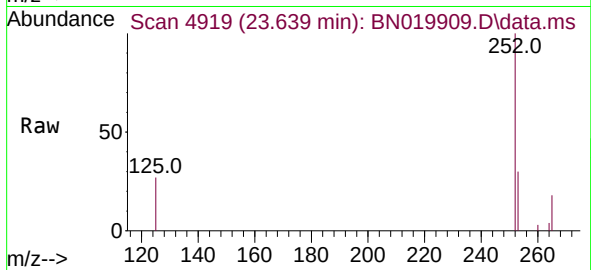
Tgt Ion:252 Resp: 5550

Ion Ratio Lower Upper

252 100

253 30.3 23.4 35.0

125 26.9 28.3 42.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.099 ng/ul

RT: 26.151 min Scan# 5728

Delta R.T. 0.000 min

Lab File: BN019909.D

Acq: 23 May 2022 11:08

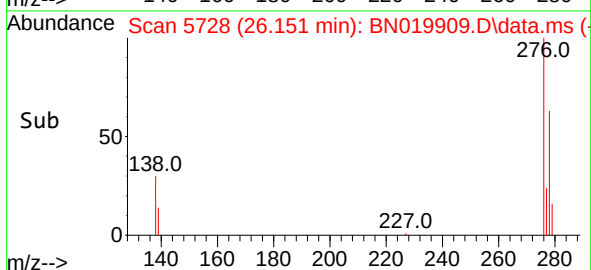
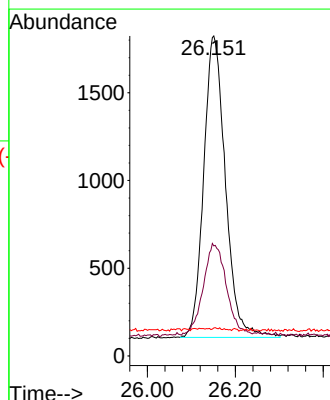
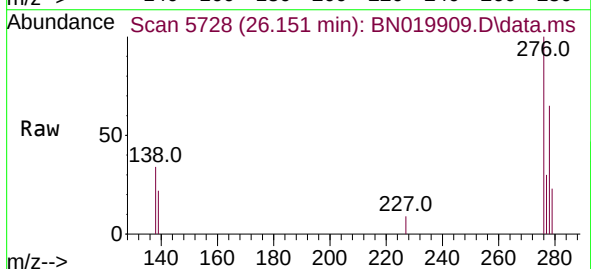
Tgt Ion:276 Resp: 5893

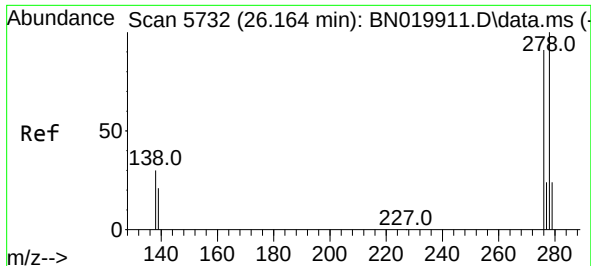
Ion Ratio Lower Upper

276 100

138 32.7 23.6 35.4

227 0.2 0.0 0.0#

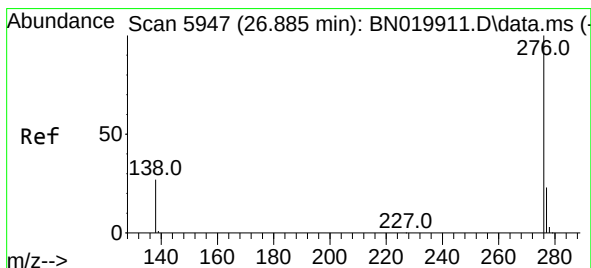
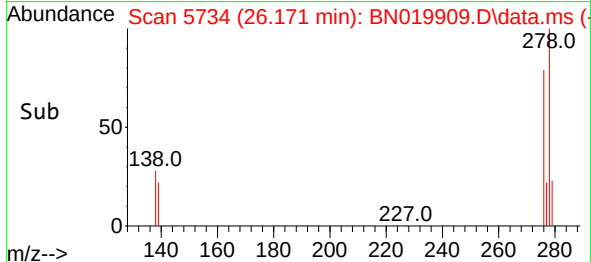
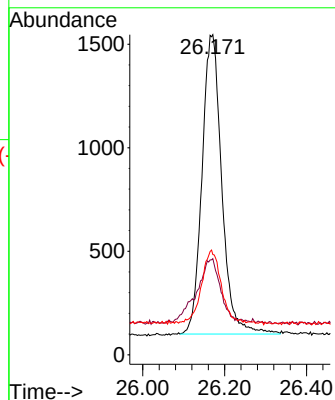
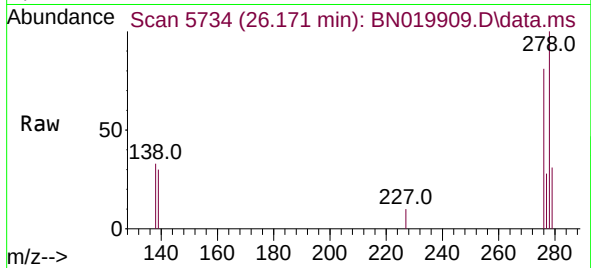




#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 26.171 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

Tgt Ion: 278 Resp: 4845
Ion Ratio Lower Upper
278 100
139 30.0 18.6 28.0#
279 31.3 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.092 ng/ul
RT: 26.886 min Scan# 5947
Delta R.T. 0.000 min
Lab File: BN019909.D
Acq: 23 May 2022 11:08

Tgt Ion: 276 Resp: 5040
Ion Ratio Lower Upper
276 100
138 32.2 20.9 31.3#
277 29.5 20.4 30.6

