

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019948.D
 Acq On : 25 May 2022 13:09
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4365

Quant Time: May 26 01:15:17 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 14:58:28 2022
 Response via : Initial Calibration

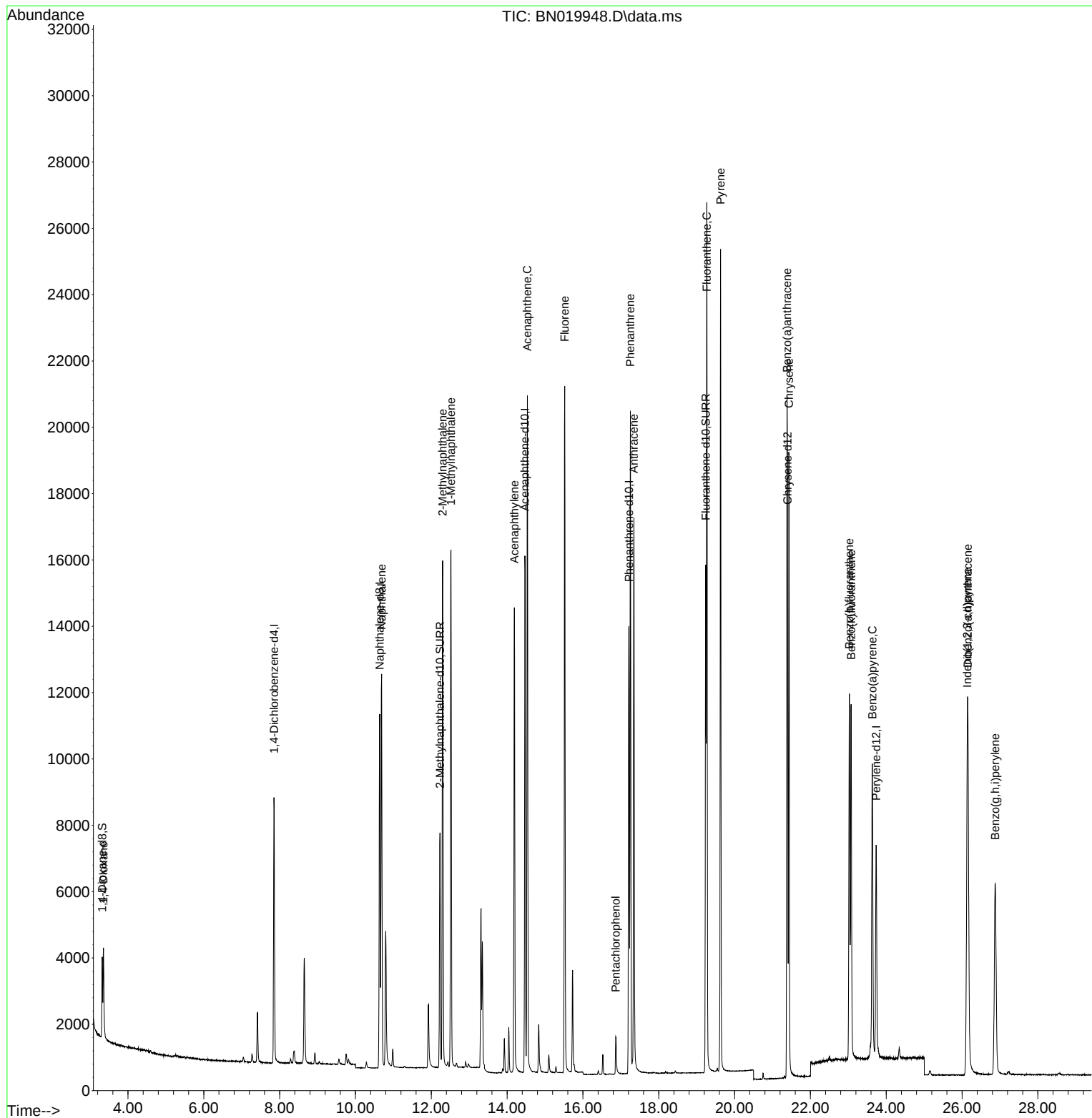
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4404	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	15007	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.470	164	8775	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	17200	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	11061	0.400	ng/ul	0.00
23) Perylene-d12	23.735	264	9023	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1656	0.403	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	9662	0.394	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	17120	0.433	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	1682	0.393	ng/ul#	87
5) Naphthalene	10.689	128	17048	0.362	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	11283	0.362	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	11440	0.394	ng/ul#	100
10) Acenaphthylene	14.192	152	17167	0.343	ng/ul	99
11) Acenaphthene	14.534	153	12236	0.361	ng/ul	99
12) Fluorene	15.520	166	13630	0.360	ng/ul	99
14) Pentachlorophenol	16.867	266	944	0.330	ng/ul	89
15) Phenanthrene	17.251	178	21852	0.361	ng/ul	99
16) Anthracene	17.344	178	19530	0.344	ng/ul	99
19) Fluoranthene	19.267	202	22287	0.404	ng/ul	100
20) Pyrene	19.629	202	21829	0.390	ng/ul	100
21) Benzo(a)anthracene	21.382	228	15607	0.345	ng/ul	100
22) Chrysene	21.435	228	16462	0.360	ng/ul	100
24) Benzo(b)fluoranthene	23.028	252	14870	0.373	ng/ul	92
25) Benzo(k)fluoranthene	23.075	252	14324	0.369	ng/ul	97
26) Benzo(a)pyrene	23.633	252	14072	0.373	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.138	276	15229	0.385	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.155	278	12350	0.381	ng/ul#	80
29) Benzo(g,h,i)perylene	26.872	276	12982	0.384	ng/ul	98

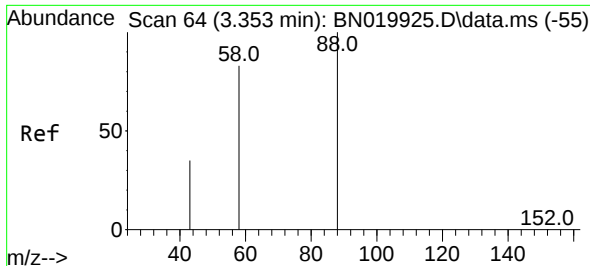
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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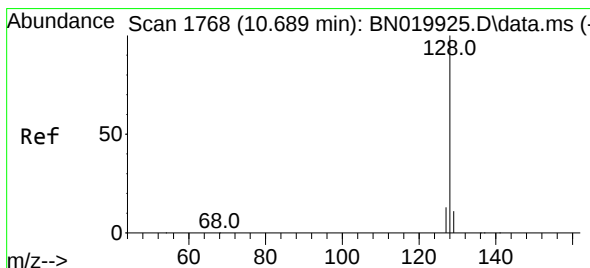
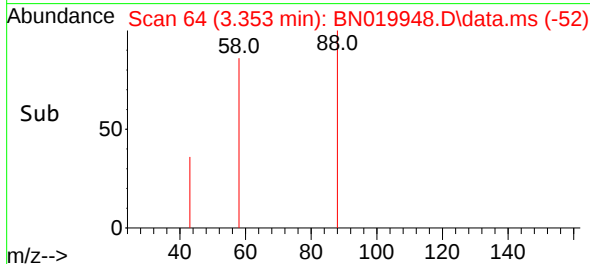
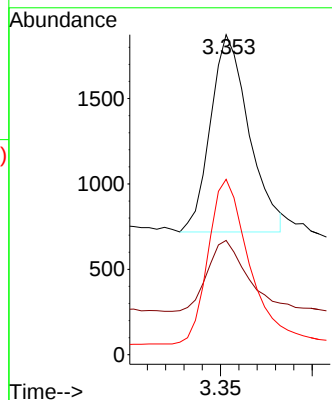
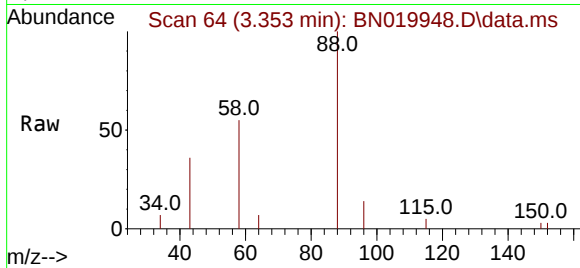




#2
1,4-Dioxane
Concen: 0.393 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

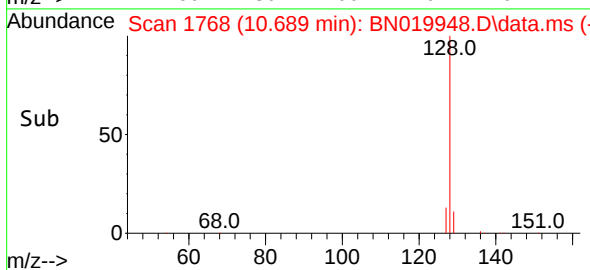
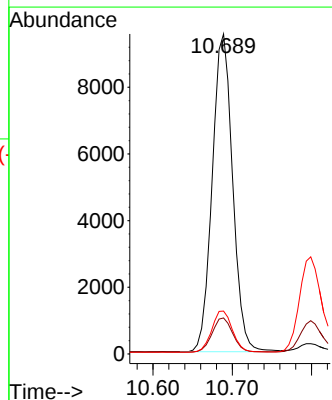
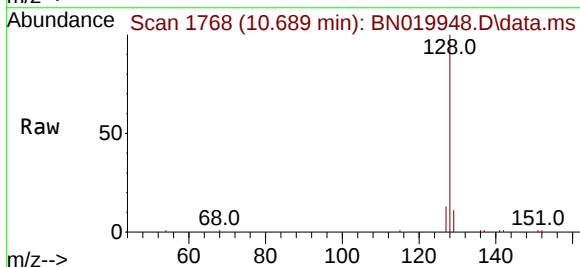
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SSTD0.4365

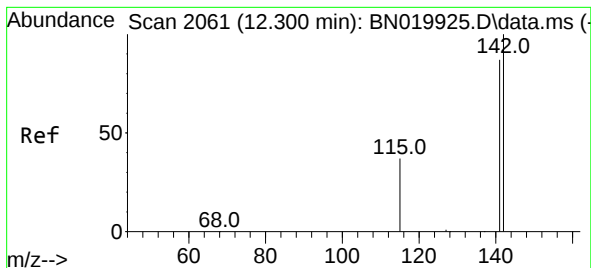
Tgt Ion: 88 Resp: 1682
Ion Ratio Lower Upper
88 100
43 35.7 39.0 58.4#
58 54.8 39.8 59.8



#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

Tgt Ion: 128 Resp: 17048
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.4 11.0 16.4

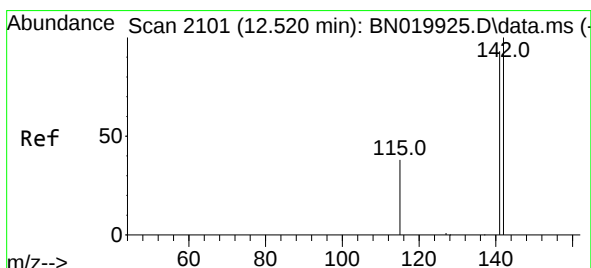
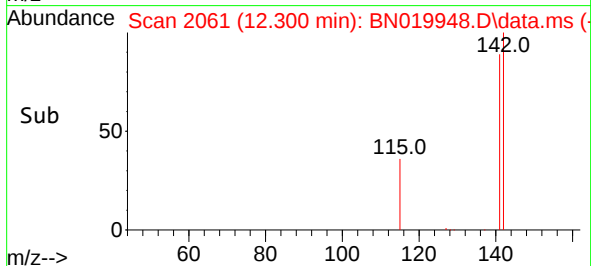
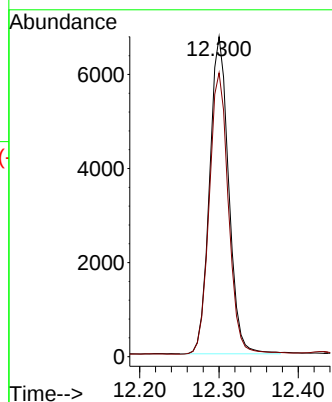
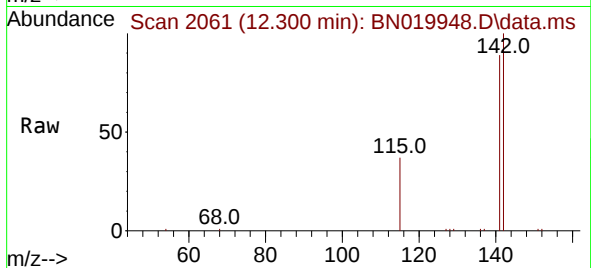




#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

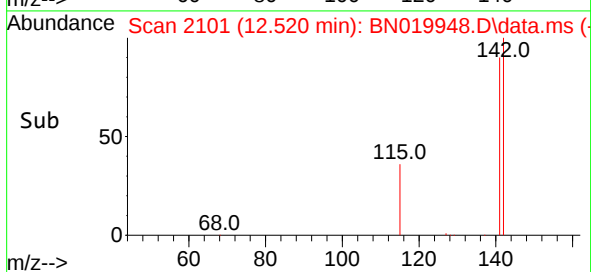
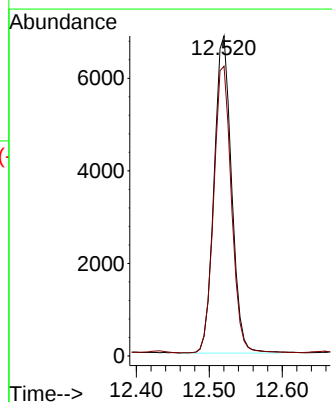
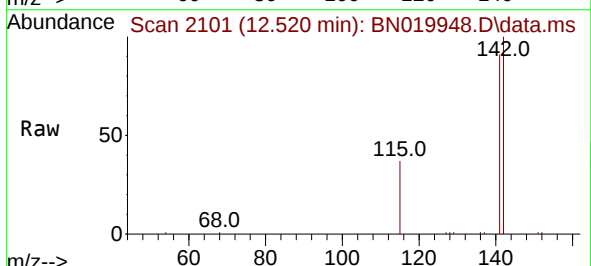
Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

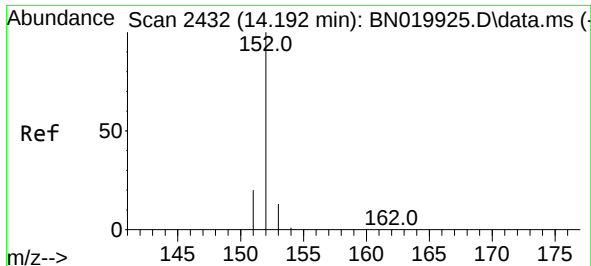
Tgt Ion:142 Resp: 11283
Ion Ratio Lower Upper
142 100
141 89.2 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

Tgt Ion:142 Resp: 11440
Ion Ratio Lower Upper
142 100
141 91.5 0.0 0.0#

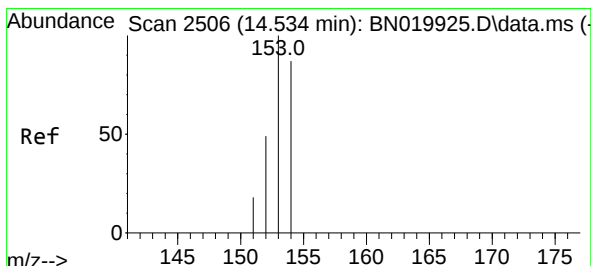
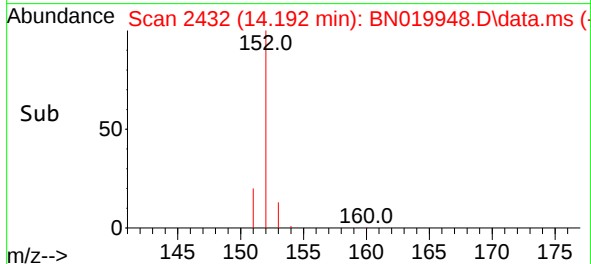
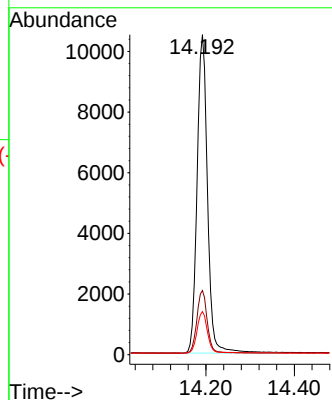
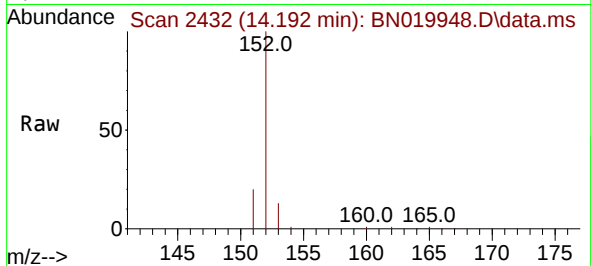




#10
Acenaphthylene
Concen: 0.343 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

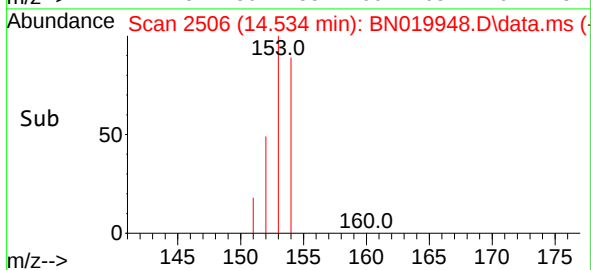
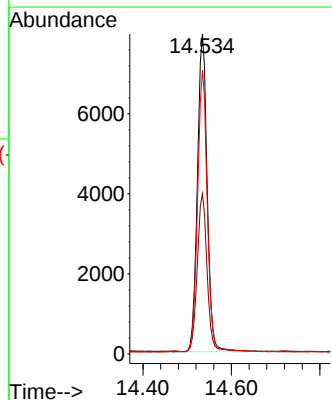
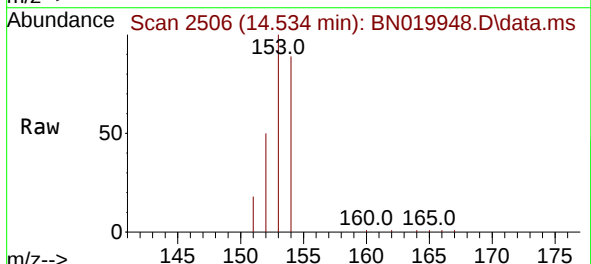
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ClientSampleId :
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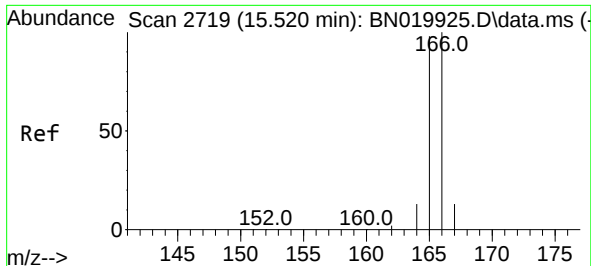
Tgt Ion:152 Resp: 17167
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.003 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

Tgt Ion:153 Resp: 12236
Ion Ratio Lower Upper
153 100
152 50.1 38.6 57.8
154 88.7 71.2 106.8

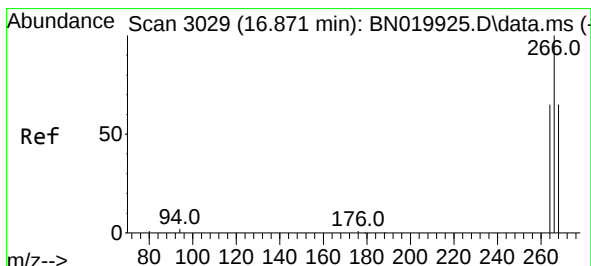
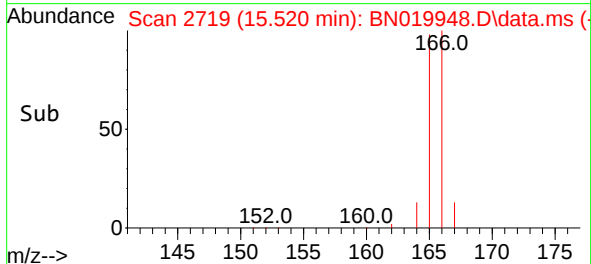
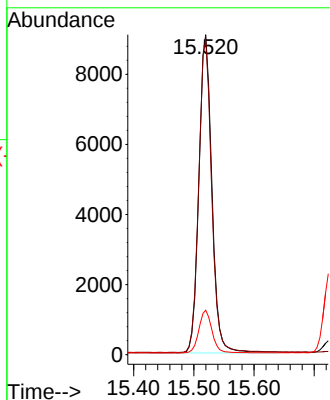
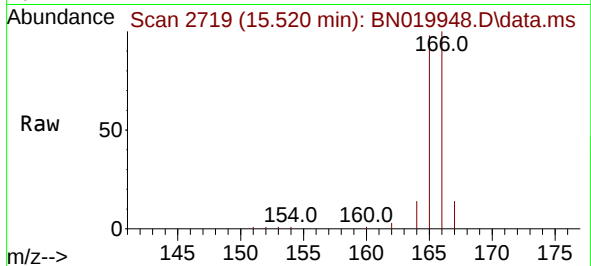




#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.520 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

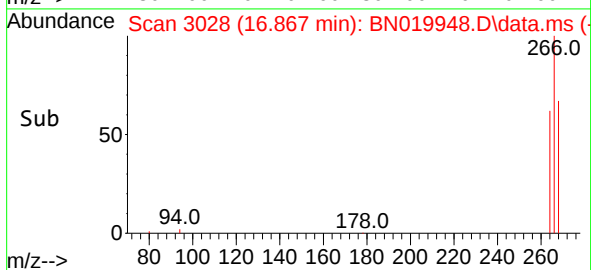
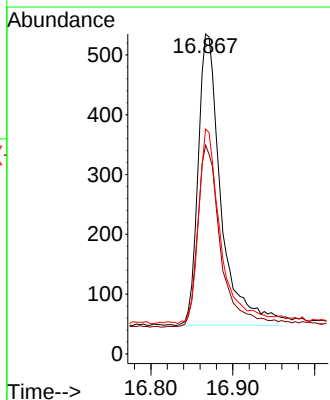
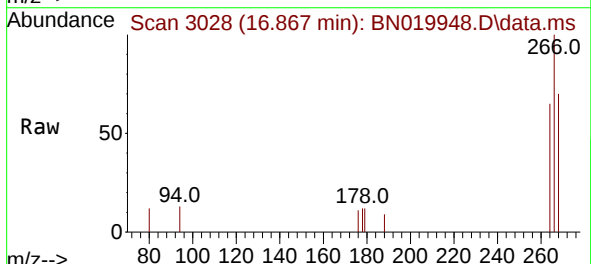
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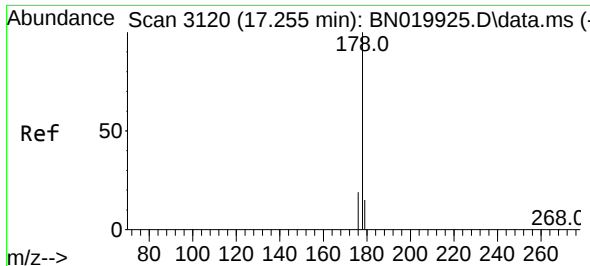
Tgt Ion:166 Resp: 13630
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.330 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. -0.007 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

Tgt Ion:266 Resp: 944
Ion Ratio Lower Upper
266 100
264 63.3 44.9 67.3
268 64.8 44.6 67.0

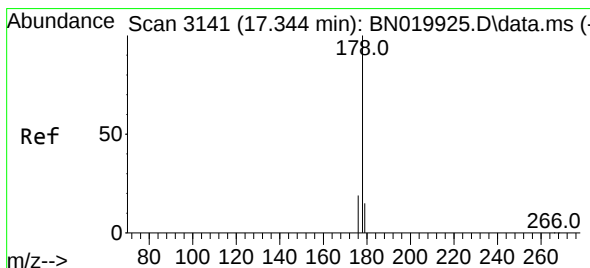
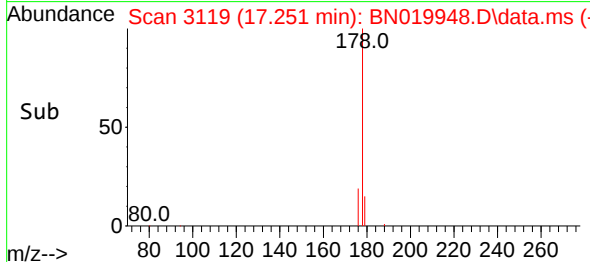
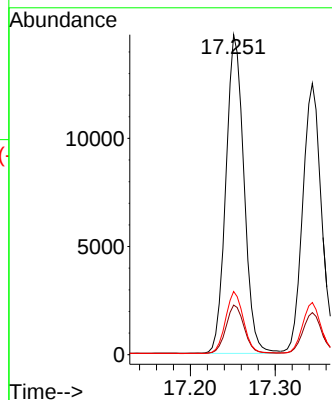
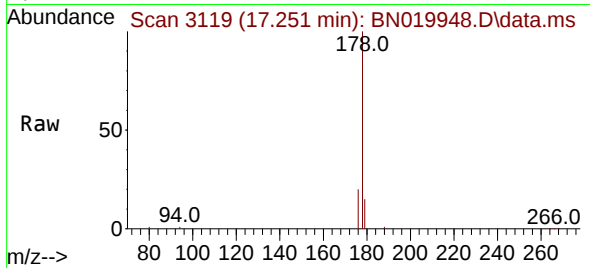




#15
Phenanthrene
Concen: 0.361 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

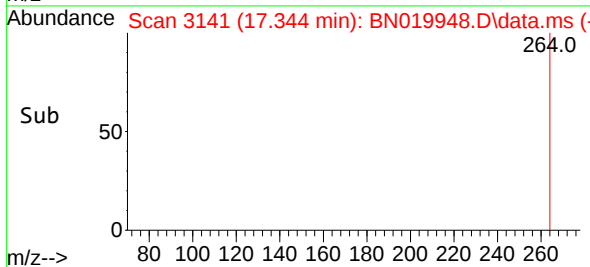
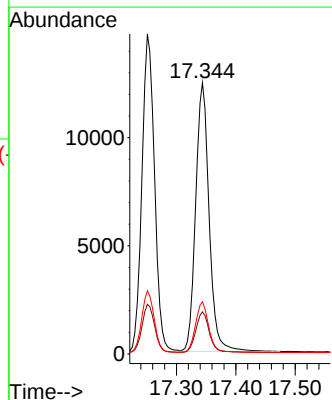
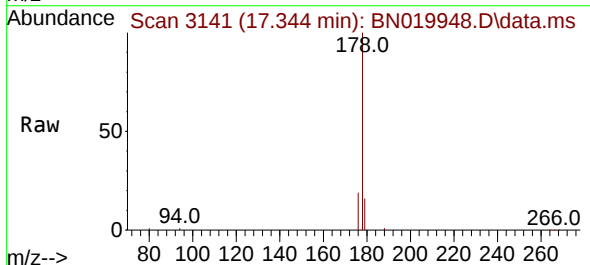
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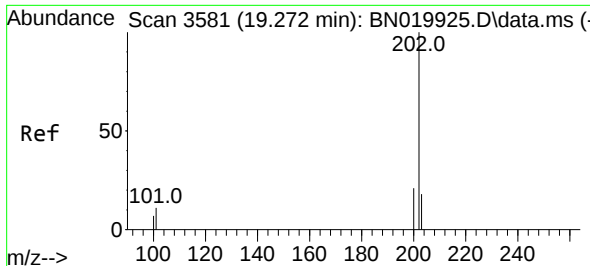
Tgt Ion:178 Resp: 21852
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.7 15.5 23.3



#16
Anthracene
Concen: 0.344 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

Tgt Ion:178 Resp: 19530
Ion Ratio Lower Upper
178 100
179 15.5 13.1 19.7
176 19.2 15.3 22.9

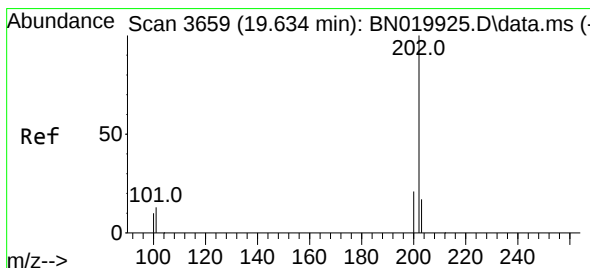
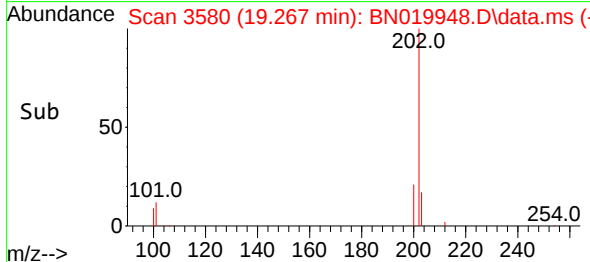
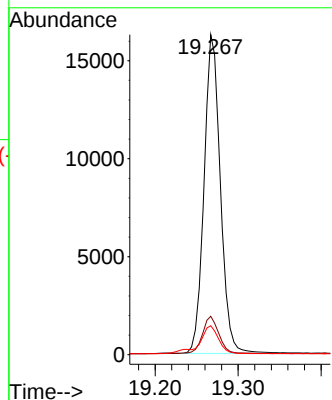
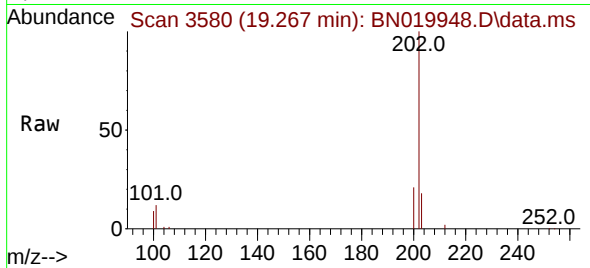




#19
Fluoranthene
Concen: 0.404 ng/ul
RT: 19.267 min Scan# 3580
Delta R.T. -0.007 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

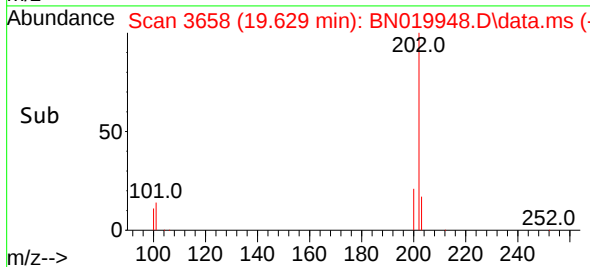
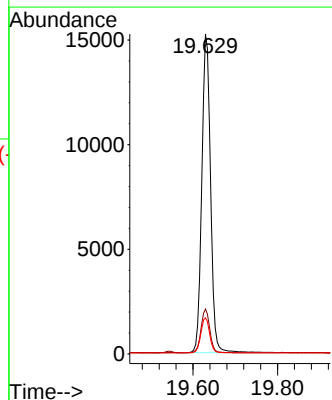
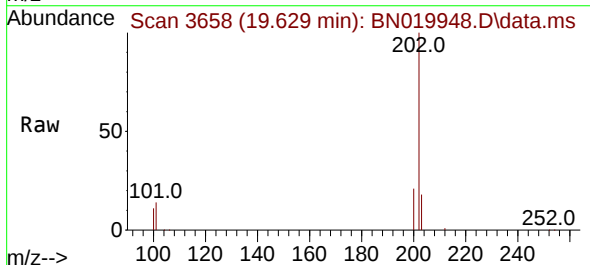
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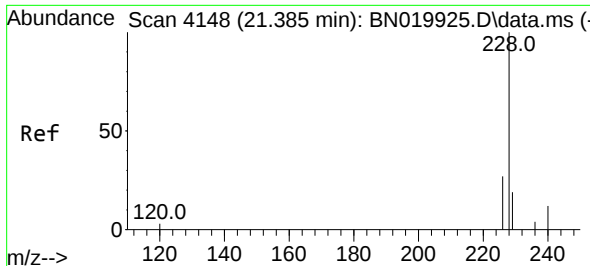
Tgt Ion:202 Resp: 22287
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 9.0 7.4 11.2



#20
Pyrene
Concen: 0.390 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. -0.007 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

Tgt Ion:202 Resp: 21829
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 11.3 9.0 13.4

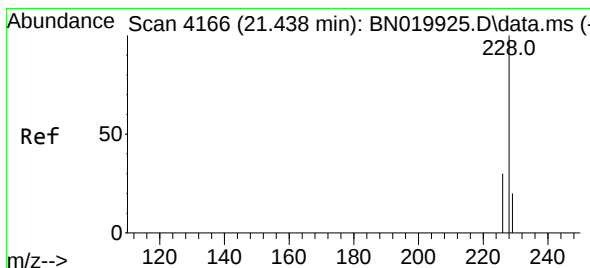
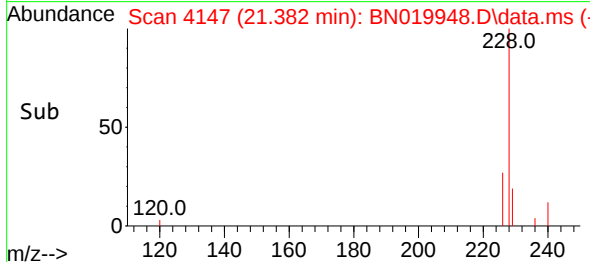
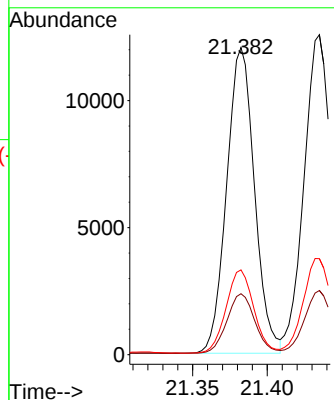
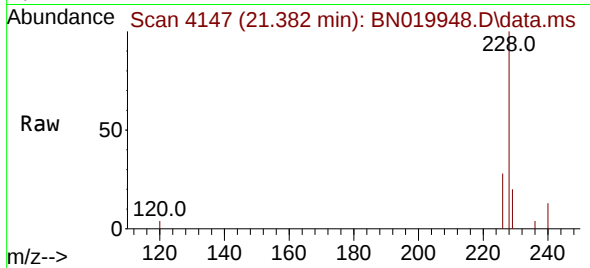




#21
Benzo(a)anthracene
Concen: 0.345 ng/ul
RT: 21.382 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

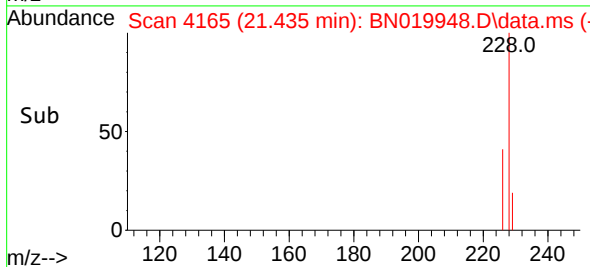
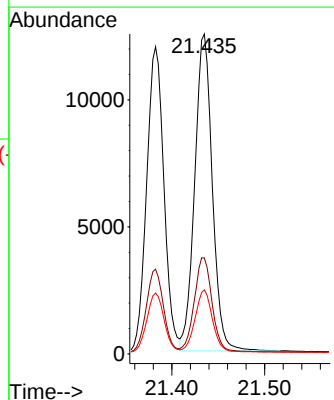
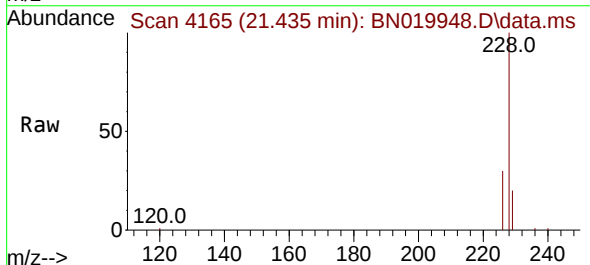
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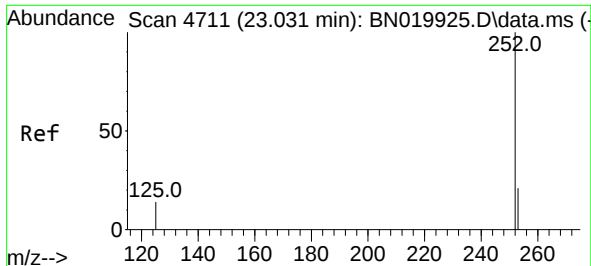
Tgt Ion:228 Resp: 15607
Ion Ratio Lower Upper
228 100
229 19.8 16.1 24.1
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

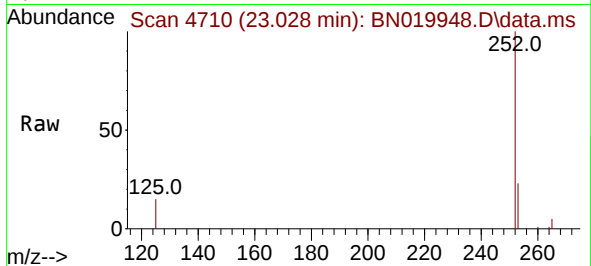
Tgt Ion:228 Resp: 16462
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 20.1 16.0 24.0



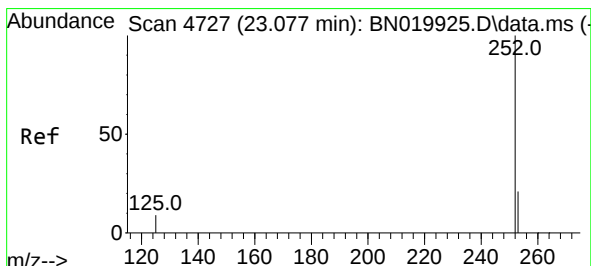
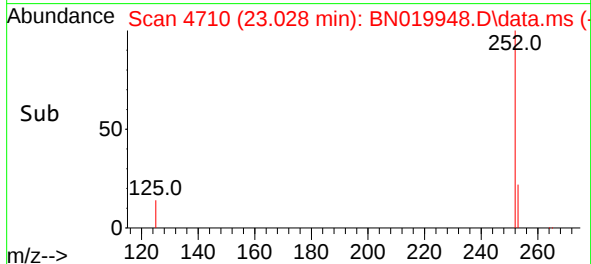
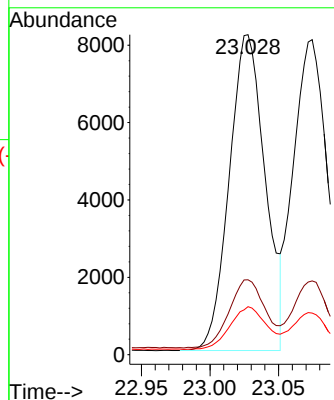


#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 23.028 min Scan# 4710
Delta R.T. -0.003 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

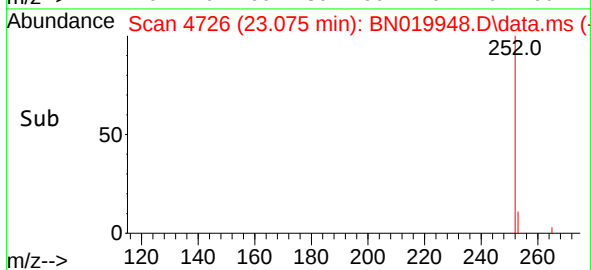
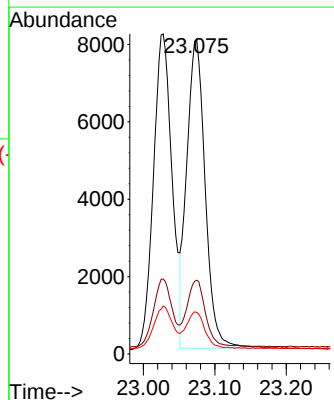
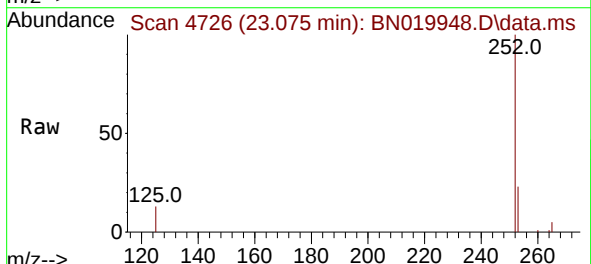


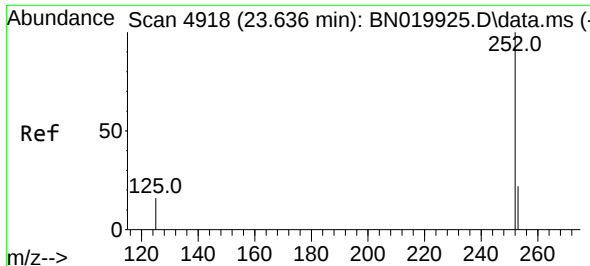
Tgt Ion:252 Resp: 14870
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.0
125 15.0 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 23.075 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

Tgt Ion:252 Resp: 14324
Ion Ratio Lower Upper
252 100
253 23.4 20.2 30.2
125 13.2 11.0 16.6

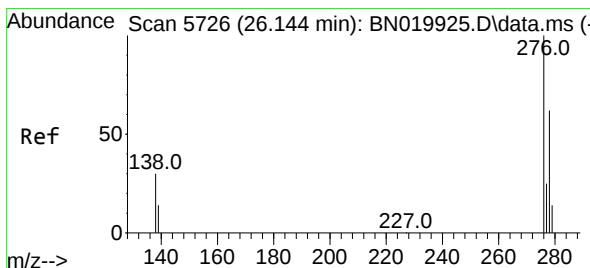
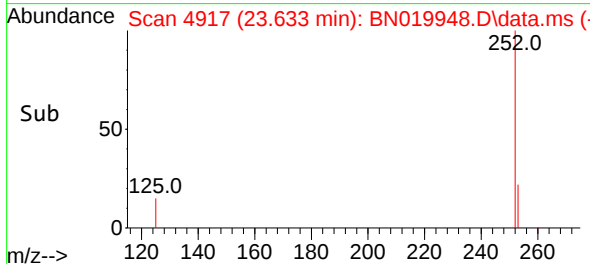
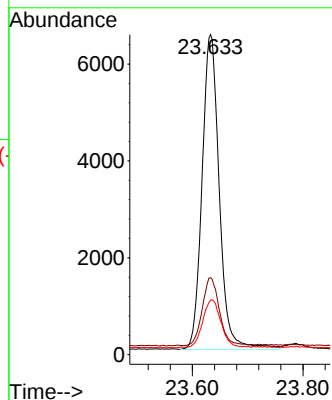
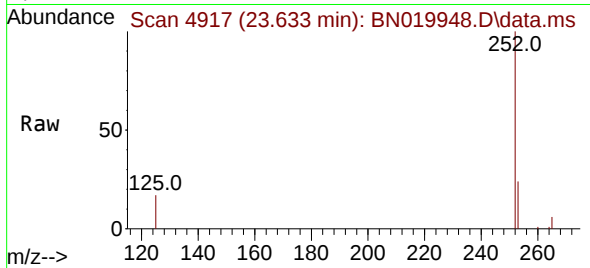




#26
Benzo(a)pyrene
Concen: 0.373 ng/ul
RT: 23.633 min Scan# 4918
Delta R.T. -0.006 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

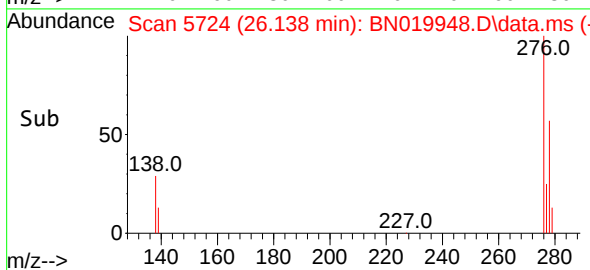
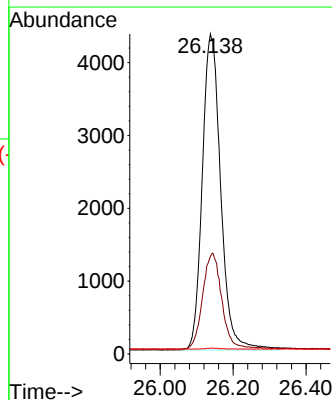
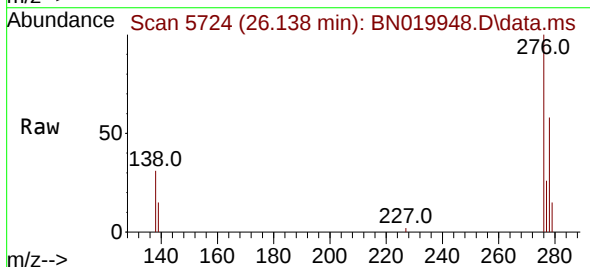
Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

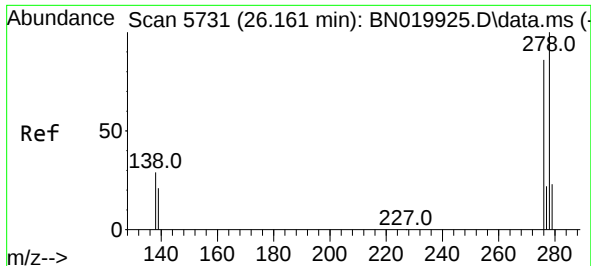
Tgt Ion:252 Resp: 14072
Ion Ratio Lower Upper
252 100
253 24.1 23.4 35.0
125 17.0 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. -0.013 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

Tgt Ion:276 Resp: 15229
Ion Ratio Lower Upper
276 100
138 32.0 23.6 35.4
227 0.3 0.0 0.0#

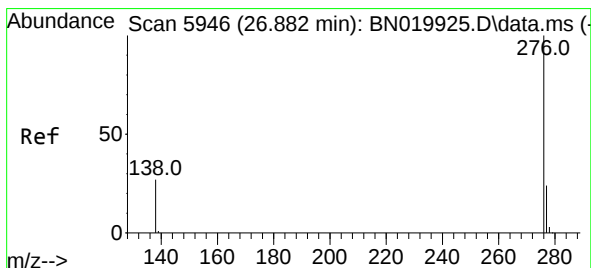
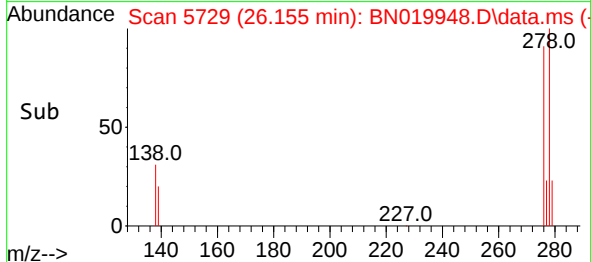
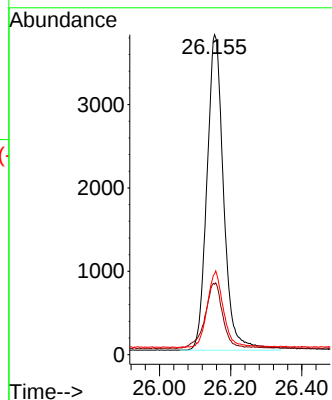
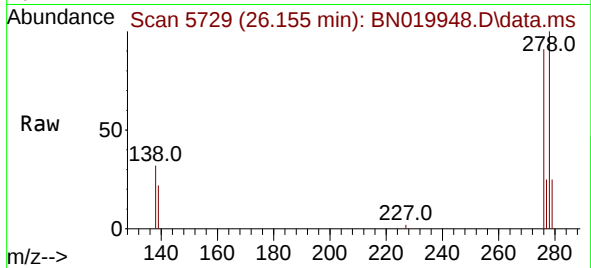




#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 26.155 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

Instrument :
BNA_N
ClientSampleId :
SSTD0.4365

Tgt Ion:278 Resp: 12350
Ion Ratio Lower Upper
278 100
139 22.0 18.6 28.0
279 25.3 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 26.872 min Scan# 5943
Delta R.T. -0.013 min
Lab File: BN019948.D
Acq: 25 May 2022 13:09

Tgt Ion:276 Resp: 12982
Ion Ratio Lower Upper
276 100
138 27.5 20.9 31.3
277 24.7 20.4 30.6

