

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019934.D
 Acq On : 24 May 2022 21:44
 Operator : CG/JU
 Sample : N2950-13MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTE2

Quant Time: May 25 01:46:14 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

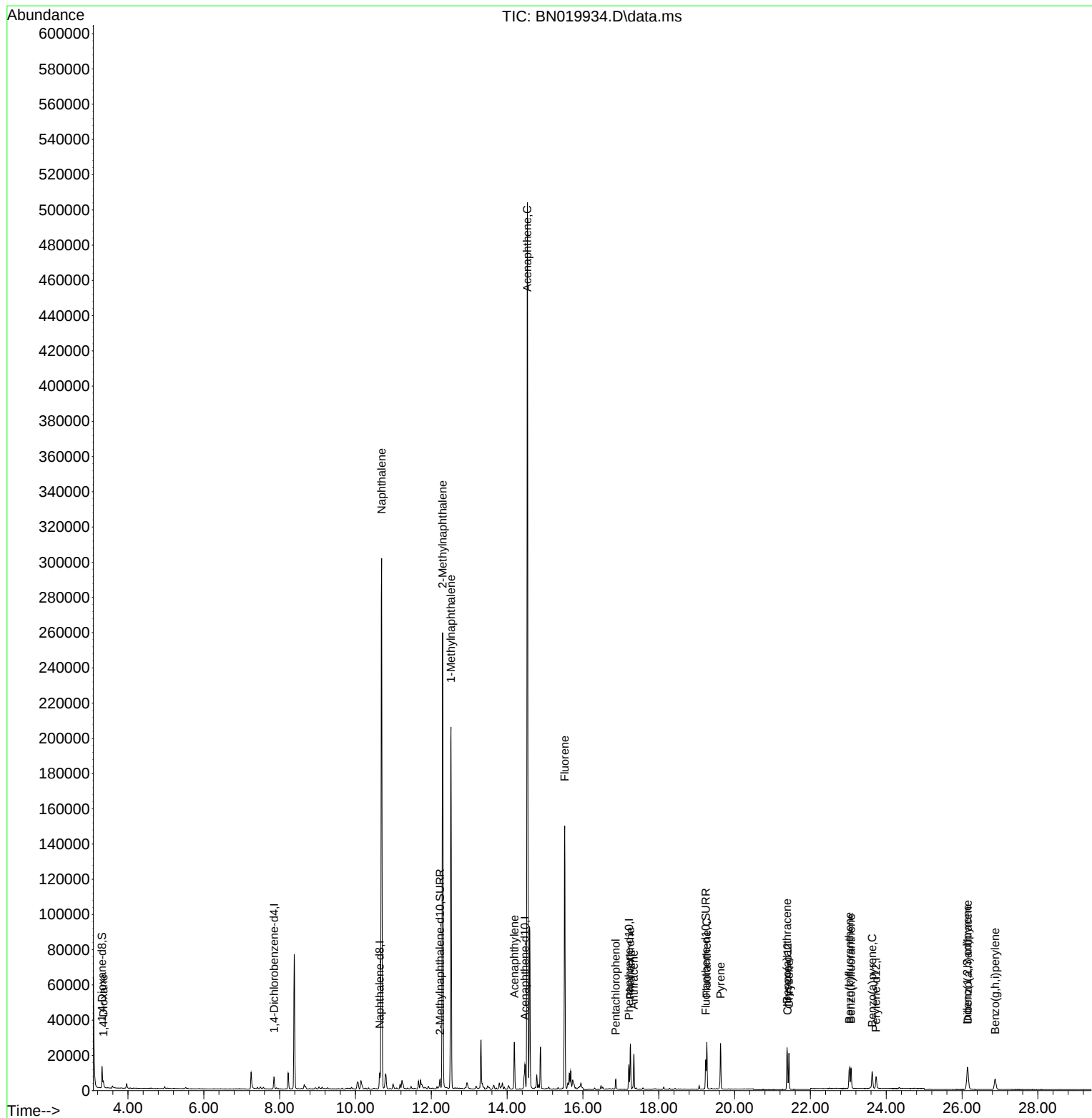
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	3520	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	12214	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.470	164	7723	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	15538	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.397	240	11950	0.400	ng/ul	0.00
23) Perylene-d12	23.732	264	9321	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	8318	2.534	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	6729	0.338	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	18080	0.423	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.353	88	2018	0.589	ng/ul#	88
5) Naphthalene	10.689	128	413844	10.803	ng/ul	98
7) 2-Methylnaphthalene	12.300	142	184057	7.251	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	143528	6.074	ng/ul#	100
10) Acenaphthylene	14.192	152	31244	0.710	ng/ul	99
11) Acenaphthene	14.534	153	301162	10.099	ng/ul	100
12) Fluorene	15.520	166	95692	2.870	ng/ul	99
14) Pentachlorophenol	16.867	266	3843	1.485	ng/ul	90
15) Phenanthrene	17.251	178	28902	0.529	ng/ul	99
16) Anthracene	17.344	178	22039	0.430	ng/ul	99
19) Fluoranthene	19.267	202	22408	0.376	ng/ul	99
20) Pyrene	19.629	202	22448	0.371	ng/ul	99
21) Benzo(a)anthracene	21.382	228	18201	0.373	ng/ul	99
22) Chrysene	21.435	228	18171	0.368	ng/ul	99
24) Benzo(b)fluoranthene	23.025	252	15658	0.380	ng/ul	94
25) Benzo(k)fluoranthene	23.072	252	15564	0.388	ng/ul	97
26) Benzo(a)pyrene	23.630	252	14635	0.376	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.138	276	15526	0.380	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.151	278	12798	0.382	ng/ul#	82
29) Benzo(g,h,i)perylene	26.872	276	13131	0.376	ng/ul	98

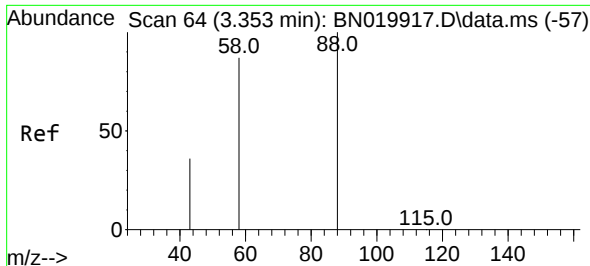
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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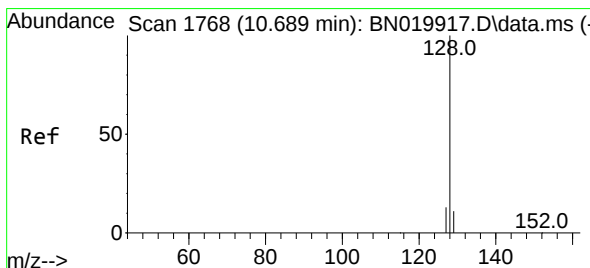
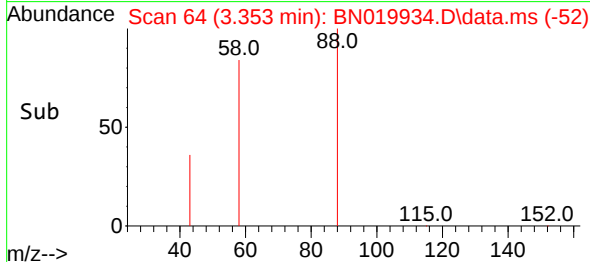
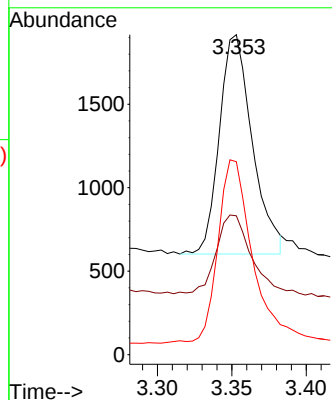
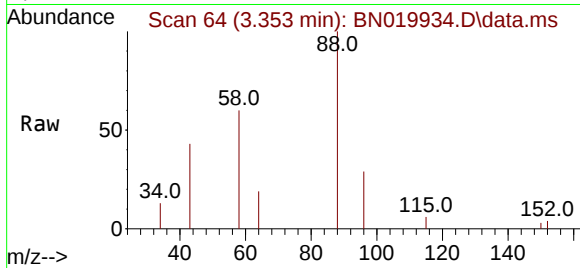




#2
 1,4-Dioxane
 Concen: 0.589 ng/ul
 RT: 3.353 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN019934.D
 Acq: 24 May 2022 21:44

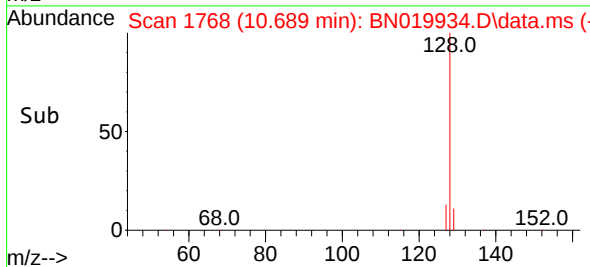
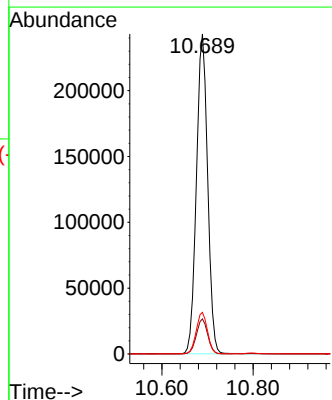
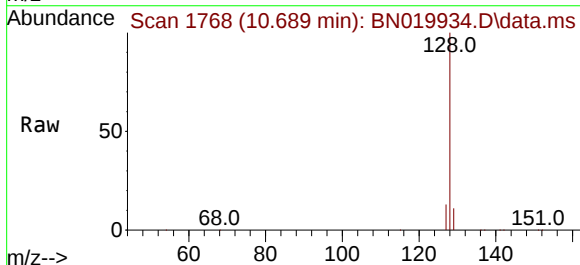
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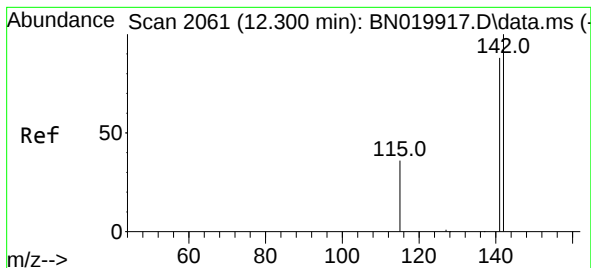
Tgt Ion: 88 Resp: 2018
 Ion Ratio Lower Upper
 88 100
 43 43.4 39.0 58.4
 58 60.3 39.8 59.8#



#5
 Naphthalene
 Concen: 10.803 ng/ul
 RT: 10.689 min Scan# 1768
 Delta R.T. -0.004 min
 Lab File: BN019934.D
 Acq: 24 May 2022 21:44

Tgt Ion:128 Resp: 413844
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.5 14.3
 127 13.0 11.0 16.4

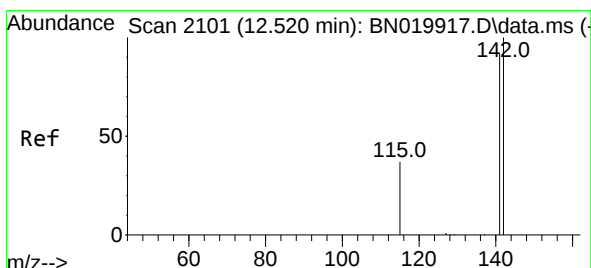
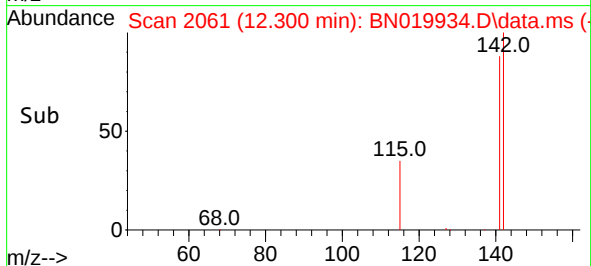
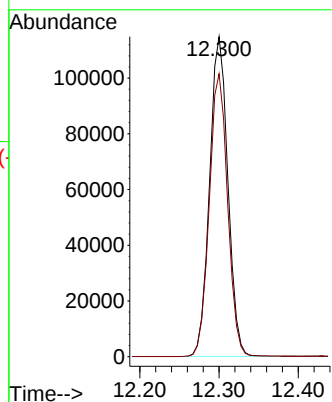
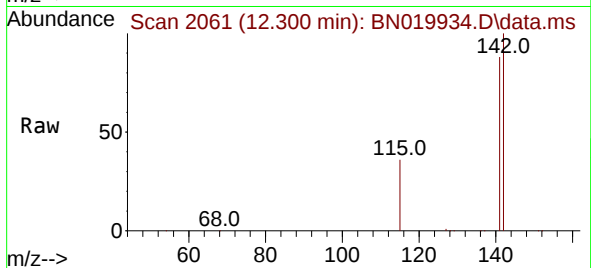




#7
2-Methylnaphthalene
Concen: 7.251 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

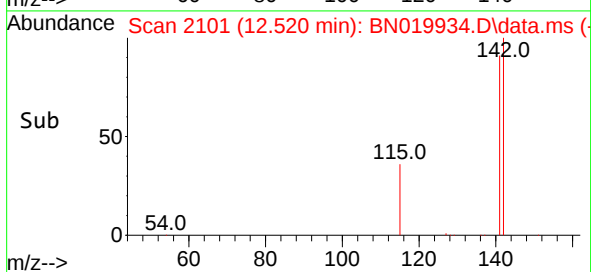
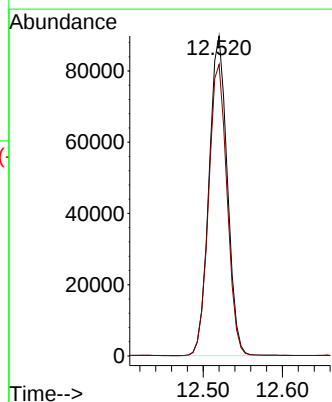
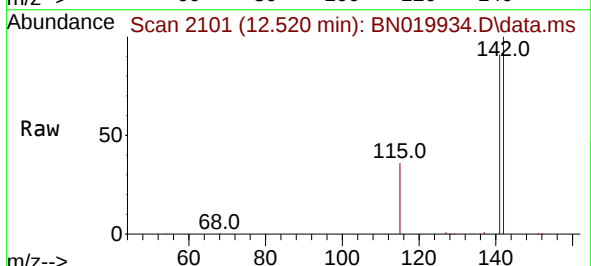
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ClientSampleId :
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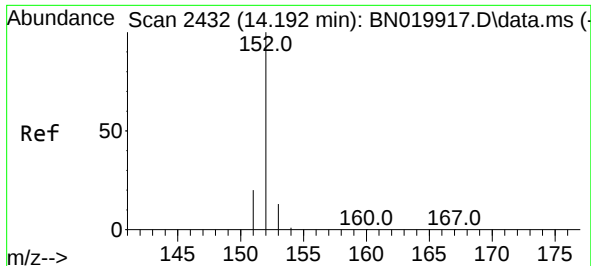
Tgt Ion:142 Resp: 184057
Ion Ratio Lower Upper
142 100
141 88.5 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 6.074 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

Tgt Ion:142 Resp: 143528
Ion Ratio Lower Upper
142 100
141 91.8 0.0 0.0#

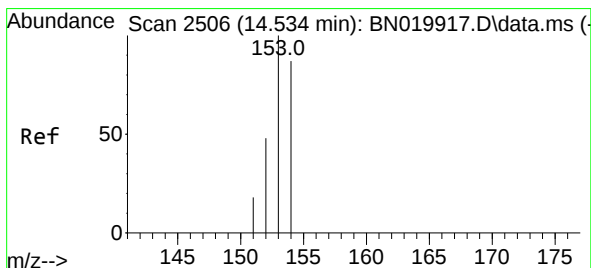
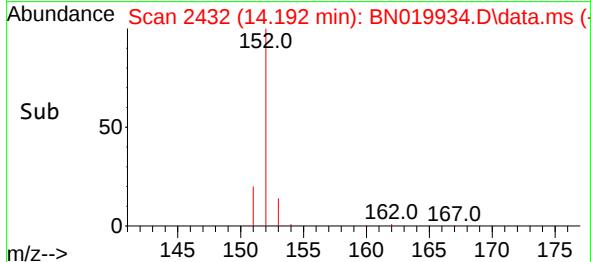
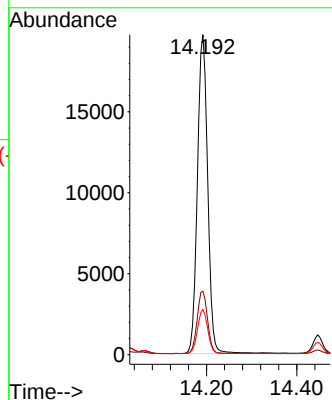
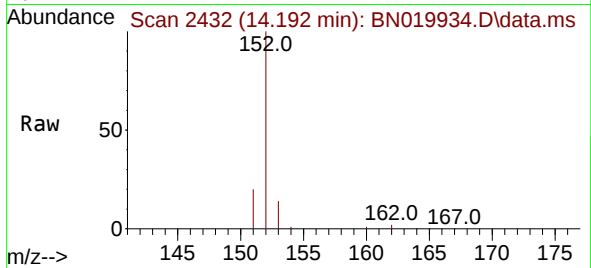




#10
Acenaphthylene
Concen: 0.710 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

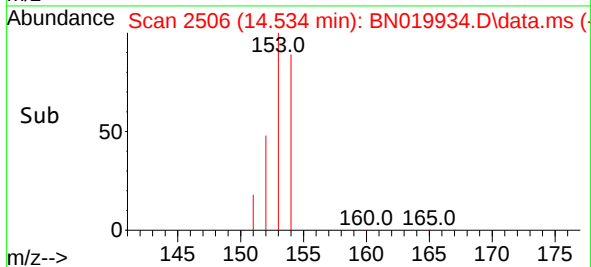
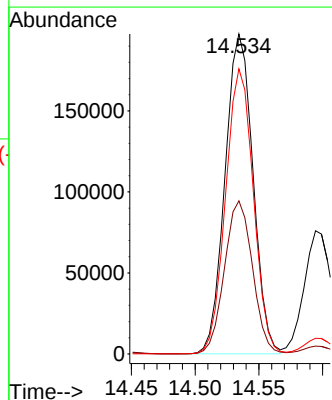
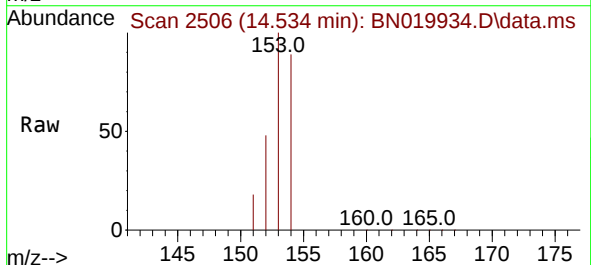
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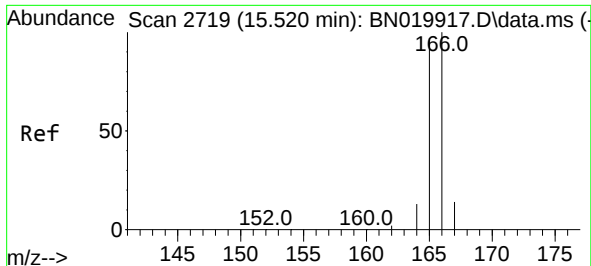
Tgt Ion:152 Resp: 31244
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 10.099 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.003 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

Tgt Ion:153 Resp: 301162
Ion Ratio Lower Upper
153 100
152 47.9 38.6 57.8
154 89.1 71.2 106.8

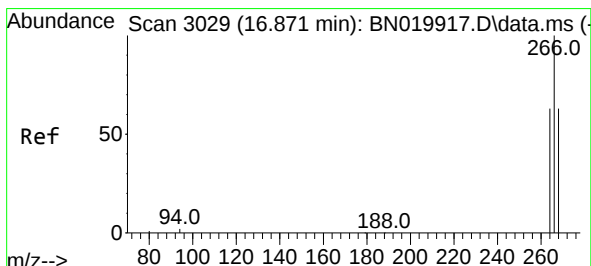
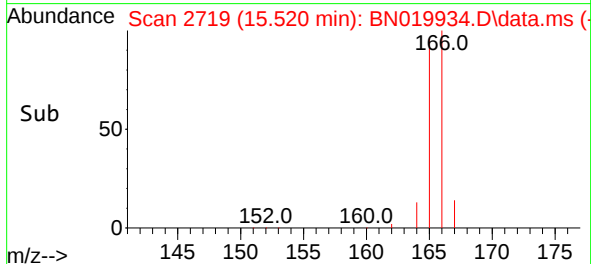
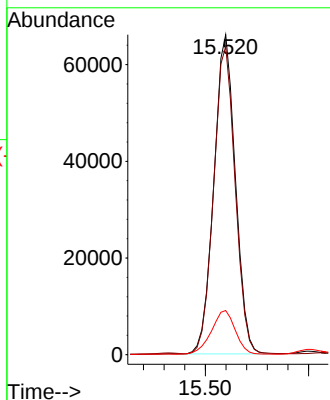
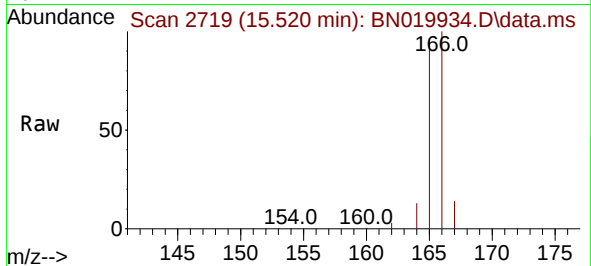




#12
Fluorene
Concen: 2.870 ng/ul
RT: 15.520 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

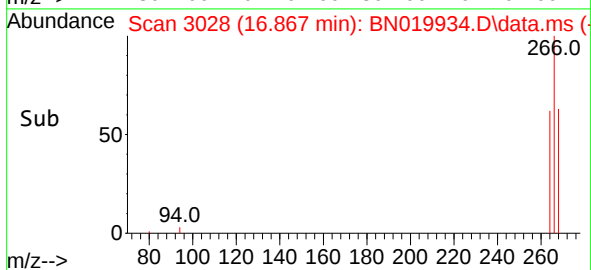
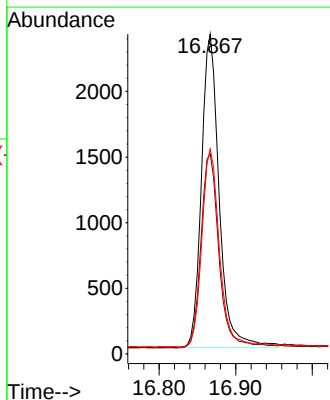
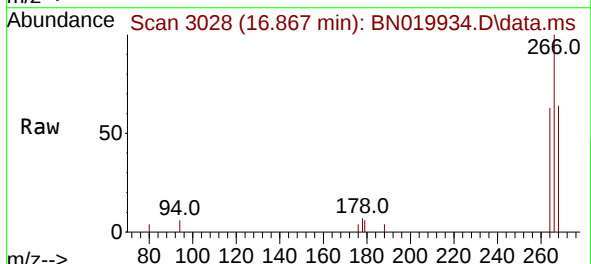
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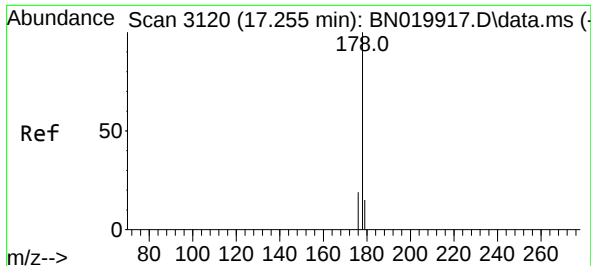
Tgt Ion:166 Resp: 95692
Ion Ratio Lower Upper
166 100
165 96.4 78.2 117.2
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 1.485 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. -0.007 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

Tgt Ion:266 Resp: 3843
Ion Ratio Lower Upper
266 100
264 63.1 44.9 67.3
268 63.0 44.6 67.0

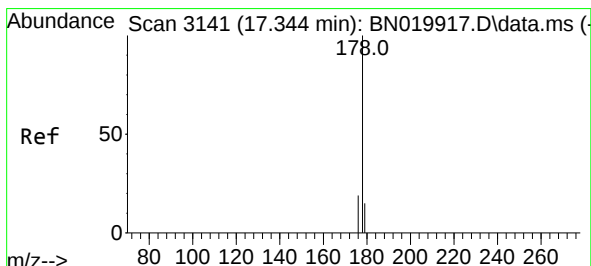
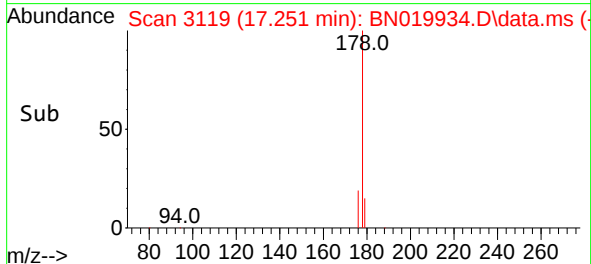
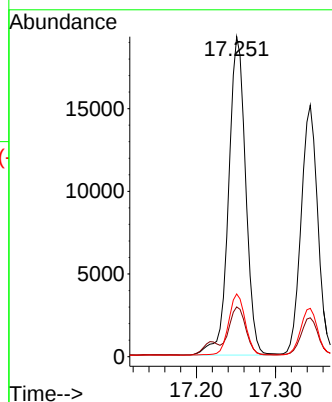
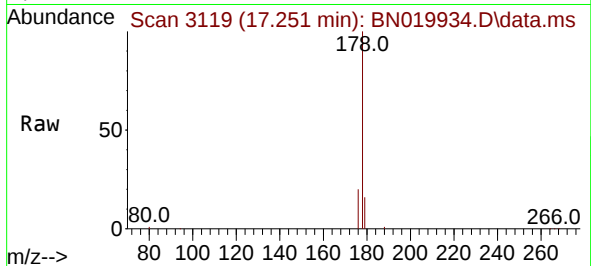




#15
Phenanthrene
Concen: 0.529 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

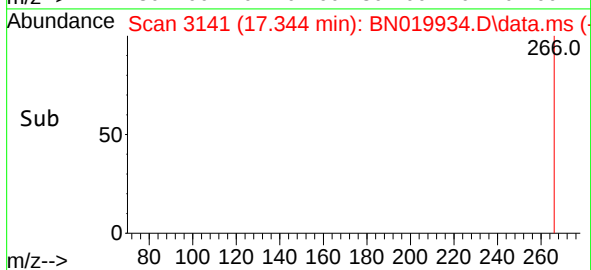
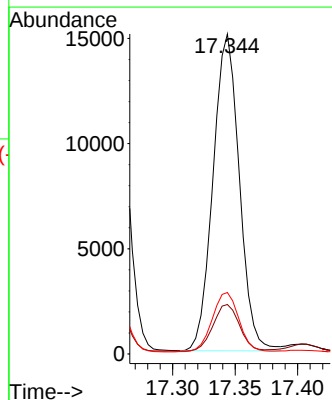
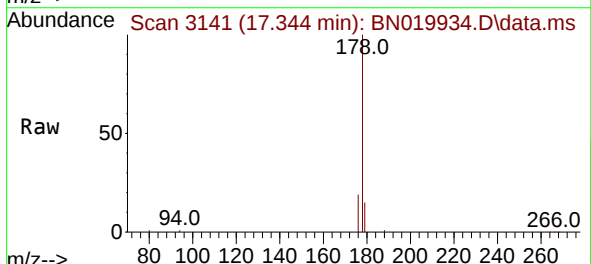
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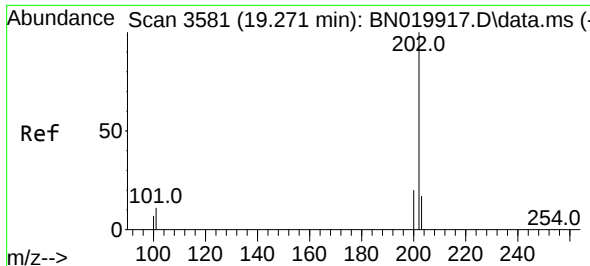
Tgt Ion:178 Resp: 28902
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.6 15.5 23.3



#16
Anthracene
Concen: 0.430 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

Tgt Ion:178 Resp: 22039
Ion Ratio Lower Upper
178 100
179 15.5 13.1 19.7
176 19.2 15.3 22.9

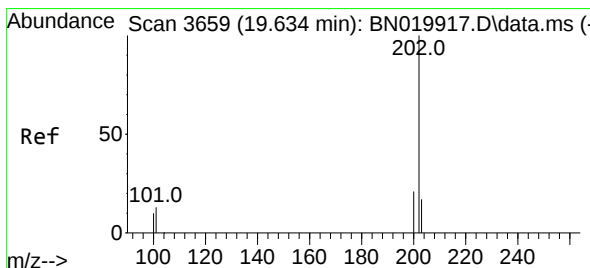
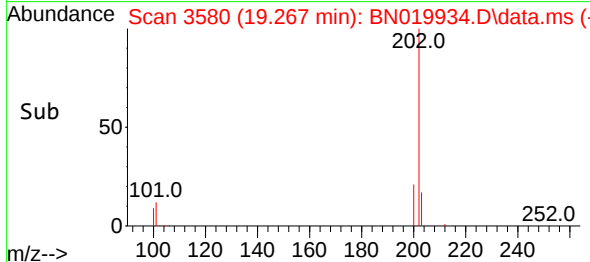
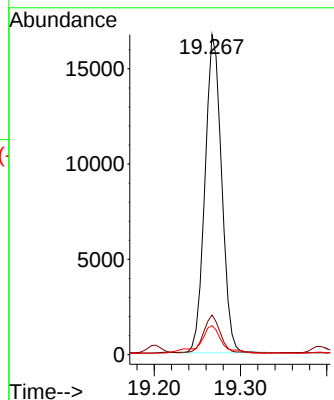
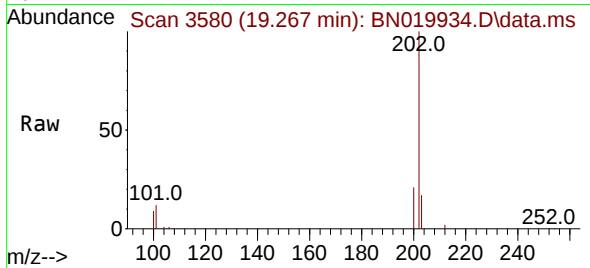




#19
Fluoranthene
Concen: 0.376 ng/u1
RT: 19.267 min Scan# 3580
Delta R.T. -0.007 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

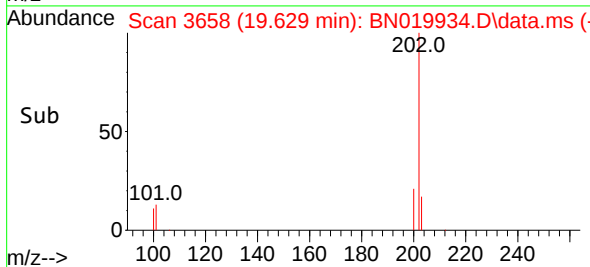
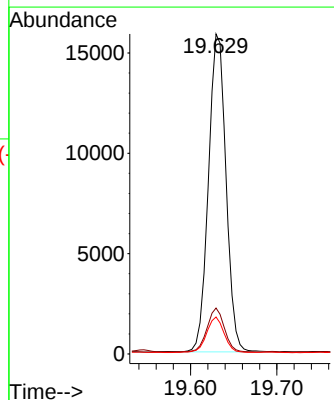
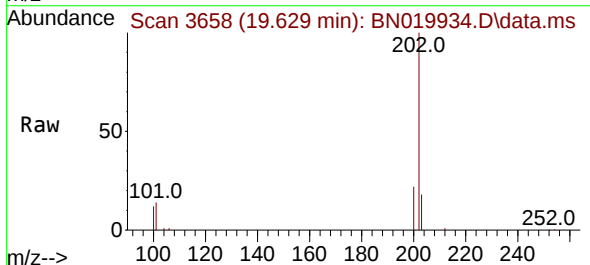
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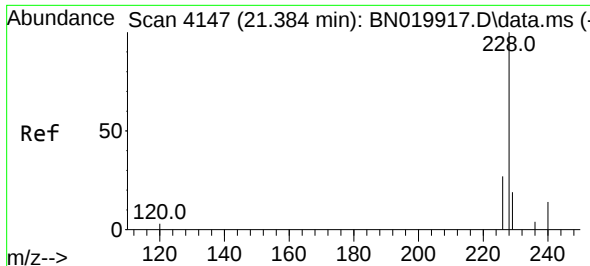
Tgt Ion:202 Resp: 22408
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 9.0 7.4 11.2



#20
Pyrene
Concen: 0.371 ng/u1
RT: 19.629 min Scan# 3658
Delta R.T. -0.007 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

Tgt Ion:202 Resp: 22448
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 11.5 9.0 13.4

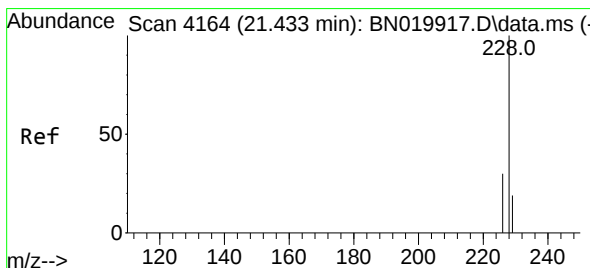
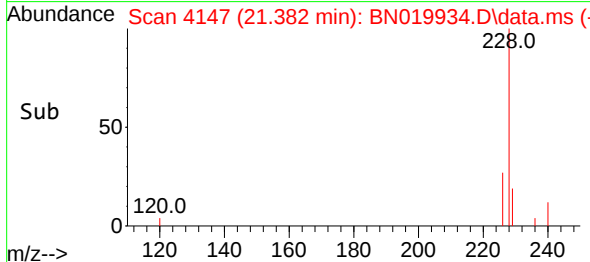
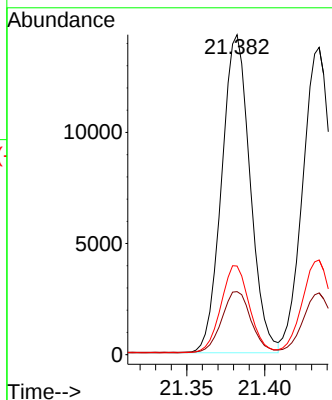
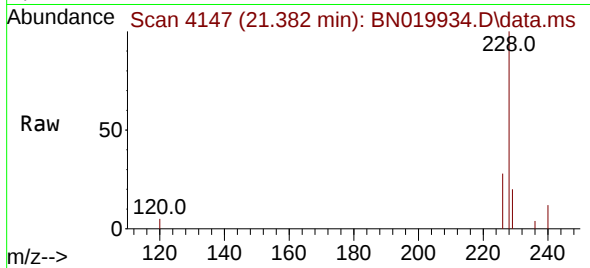




#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.382 min Scan# 4147
Delta R.T. -0.003 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

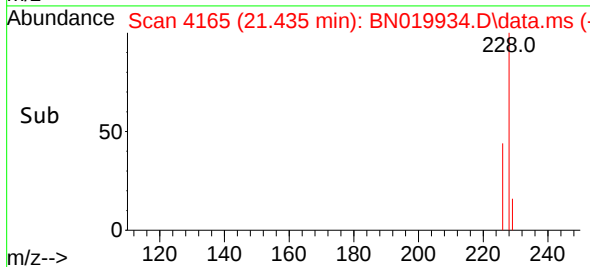
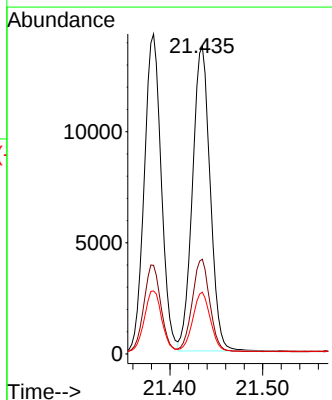
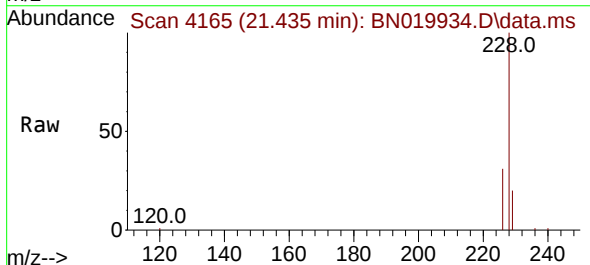
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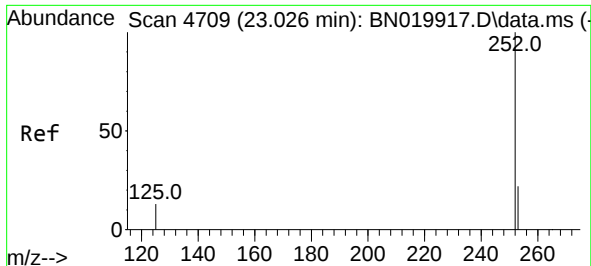
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Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

Tgt Ion:228 Resp: 18171
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 20.1 16.0 24.0

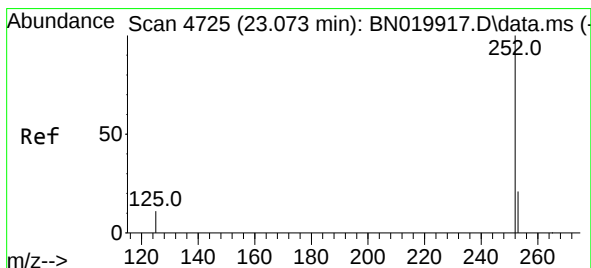
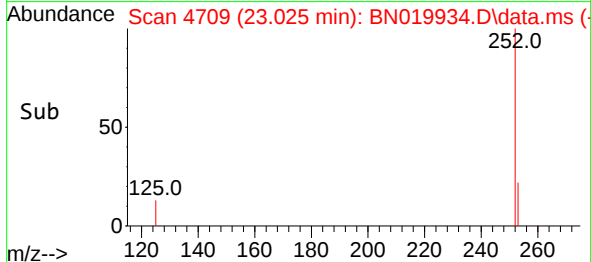
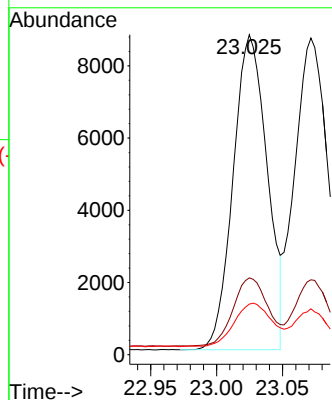
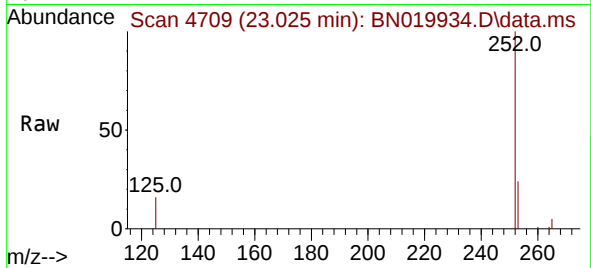




#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.025 min Scan# 4709
Delta R.T. -0.006 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

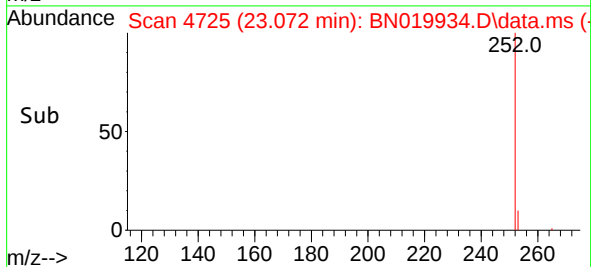
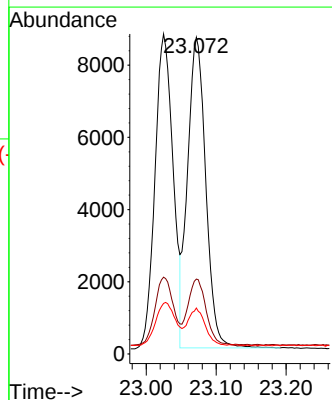
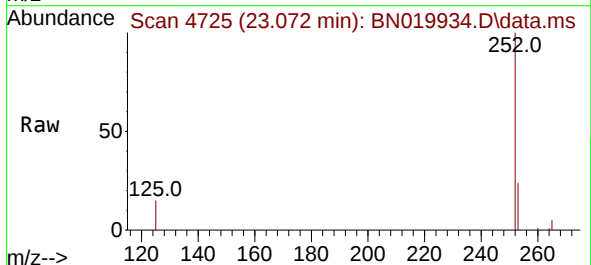
Instrument :
BNA_N
ClientSampleId :
DBTE2

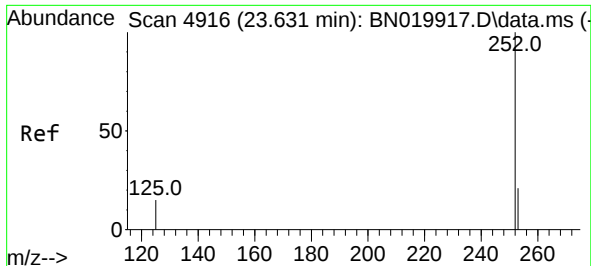
Tgt Ion:252 Resp: 15658
Ion Ratio Lower Upper
252 100
253 24.0 0.0 52.0
125 15.8 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 23.072 min Scan# 4725
Delta R.T. -0.009 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

Tgt Ion:252 Resp: 15564
Ion Ratio Lower Upper
252 100
253 23.7 20.2 30.2
125 14.5 11.0 16.6

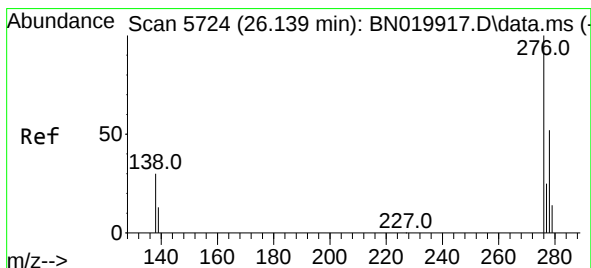
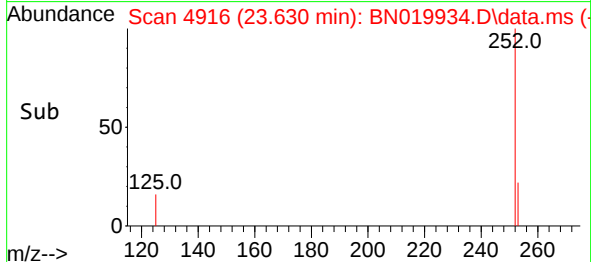
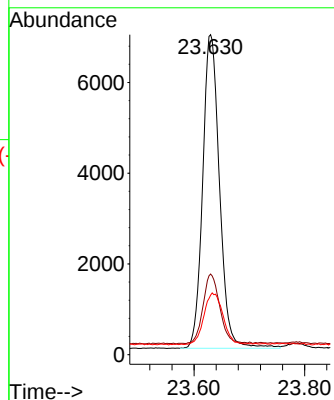
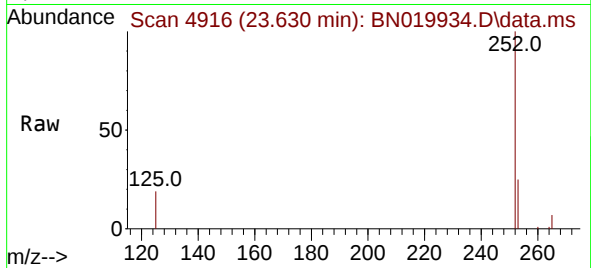




#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.630 min Scan# 4916
Delta R.T. -0.009 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

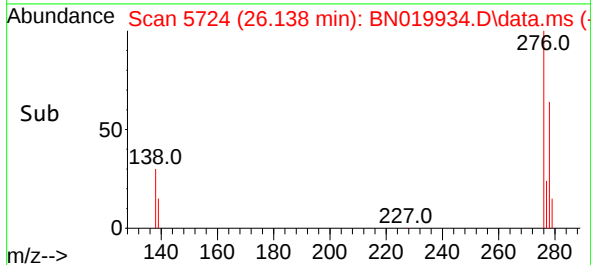
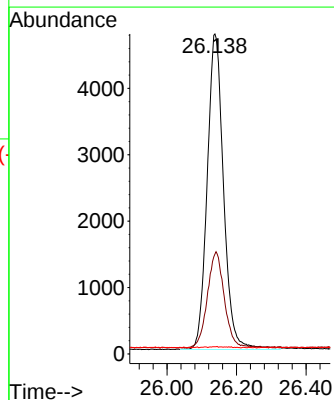
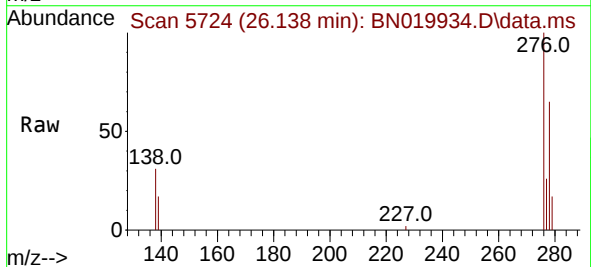
Instrument :
BNA_N
ClientSampleId :
DBTE2

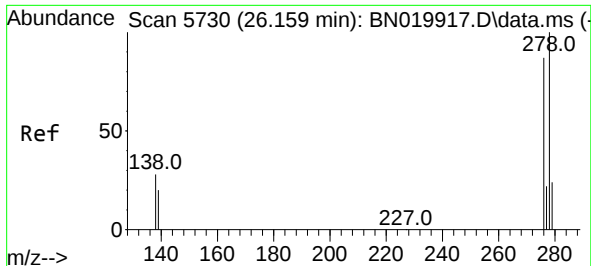
Tgt Ion:252 Resp: 14635
Ion Ratio Lower Upper
252 100
253 25.2 23.4 35.0
125 18.6 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. -0.013 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

Tgt Ion:276 Resp: 15526
Ion Ratio Lower Upper
276 100
138 31.5 23.6 35.4
227 0.1 0.0 0.0#

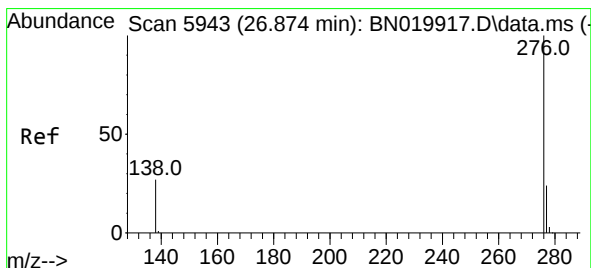
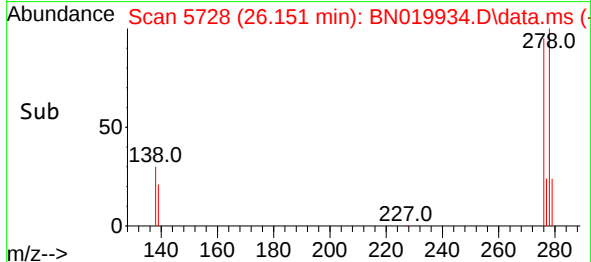
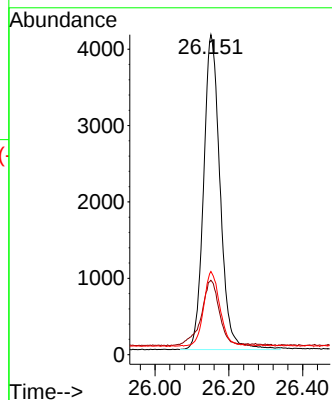
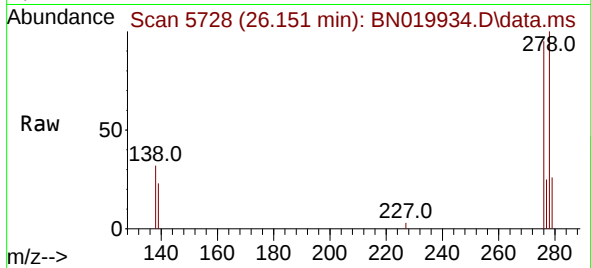




#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 26.151 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

Instrument :
BNA_N
ClientSampleId :
DBTE2

Tgt Ion:278 Resp: 12798
Ion Ratio Lower Upper
278 100
139 23.2 18.6 28.0
279 26.0 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 26.872 min Scan# 5943
Delta R.T. -0.013 min
Lab File: BN019934.D
Acq: 24 May 2022 21:44

Tgt Ion:276 Resp: 13131
Ion Ratio Lower Upper
276 100
138 27.9 20.9 31.3
277 25.0 20.4 30.6

