

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019942.D
 Acq On : 25 May 2022 09:26
 Operator : CG/JU
 Sample : N2950-13MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD2MS

Quant Time: May 26 01:14:53 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)

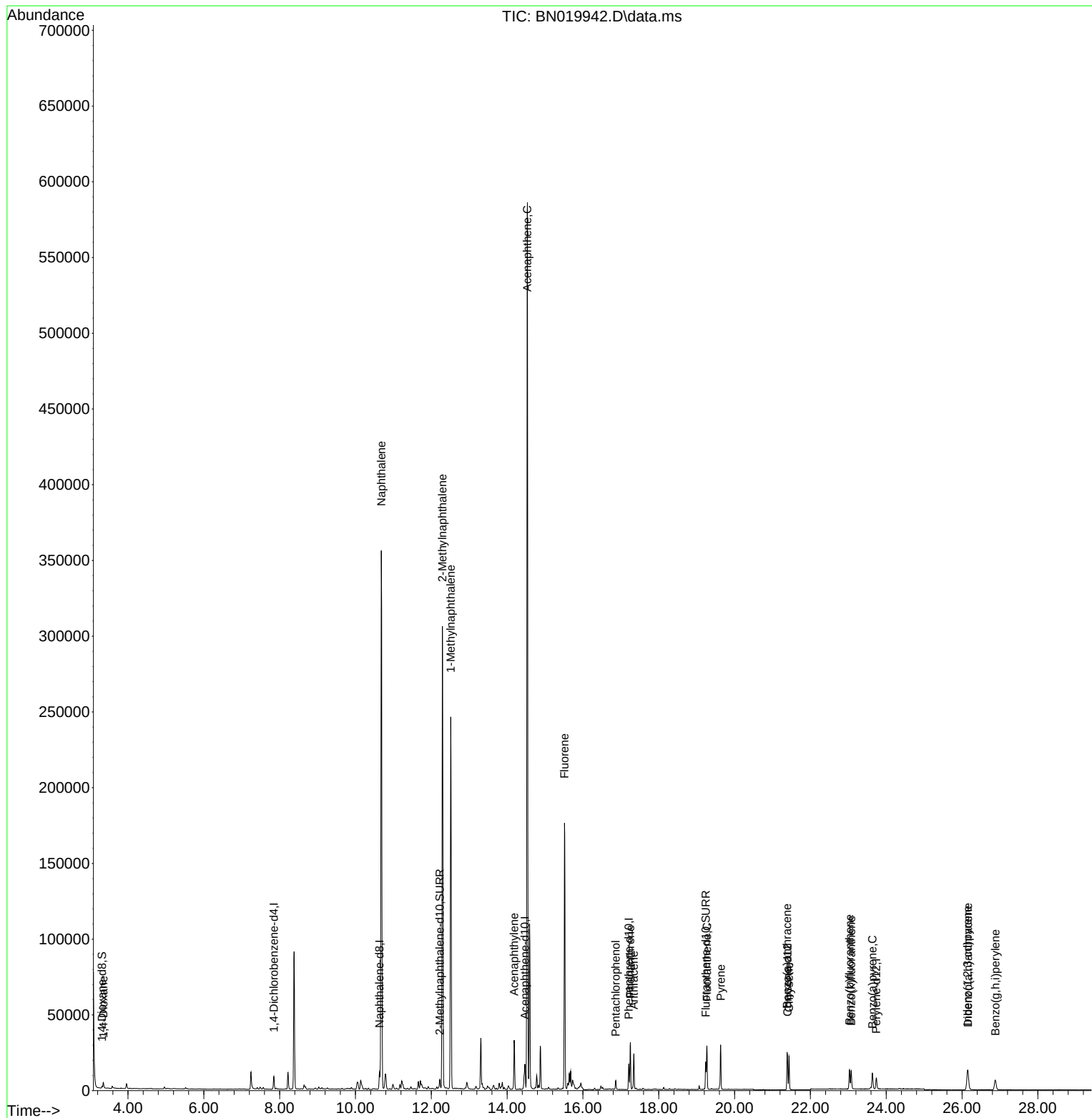
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	4382	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	14903	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.469	164	9455	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188	18550	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	12719	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	10029	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	954	0.233	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	7961	0.327	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	20077	0.441	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.349	88	2516	0.590	ng/ul#	87
5) Naphthalene	10.683	128	492403	10.535	ng/ul	98
7) 2-Methylnaphthalene	12.294	142	217960	7.038	ng/ul#	100
8) 1-Methylnaphthalene	12.514	142	169587	5.882	ng/ul#	100
10) Acenaphthylene	14.187	152	37206	0.691	ng/ul	100
11) Acenaphthene	14.534	153	354813	9.718	ng/ul	99
12) Fluorene	15.515	166	112664	2.760	ng/ul	100
14) Pentachlorophenol	16.867	266	4179	1.353	ng/ul	91
15) Phenanthrene	17.251	178	34119	0.523	ng/ul	99
16) Anthracene	17.344	178	25743	0.421	ng/ul	99
19) Fluoranthene	19.271	202	25560	0.403	ng/ul	98
20) Pyrene	19.634	202	25316	0.393	ng/ul	98
21) Benzo(a)anthracene	21.385	228	19197	0.369	ng/ul	99
22) Chrysene	21.435	228	19210	0.366	ng/ul	99
24) Benzo(b)fluoranthene	23.030	252	16893	0.381	ng/ul	93
25) Benzo(k)fluoranthene	23.077	252	16387	0.380	ng/ul	98
26) Benzo(a)pyrene	23.636	252	15665	0.374	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.144	276	16738	0.381	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.158	278	13790	0.382	ng/ul#	81
29) Benzo(g,h,i)perylene	26.879	276	14297	0.380	ng/ul	98

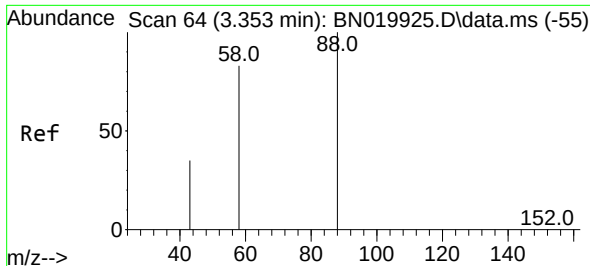
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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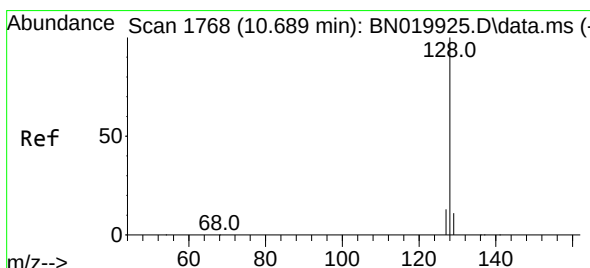
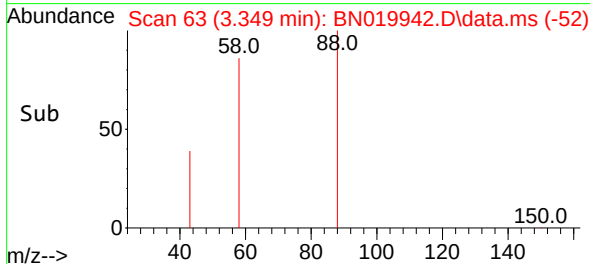
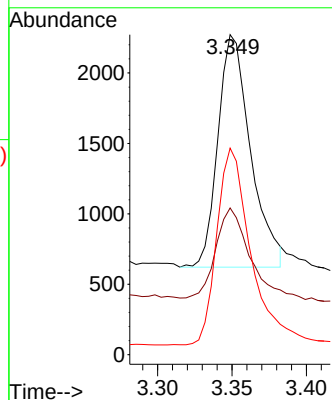
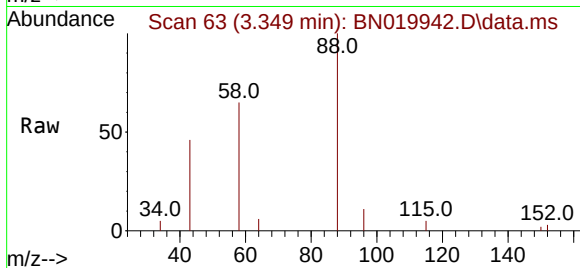




#2
1,4-Dioxane
Concen: 0.590 ng/ul
RT: 3.349 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

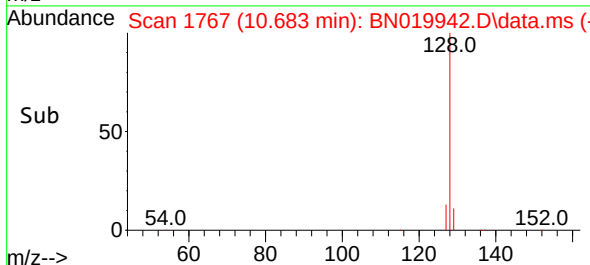
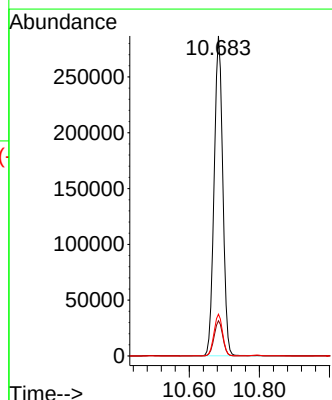
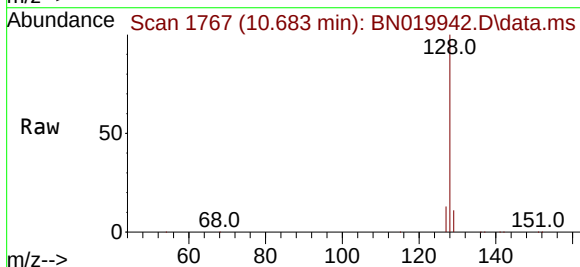
Instrument :
BNA_N
ClientSampleId :
DBTD2MS

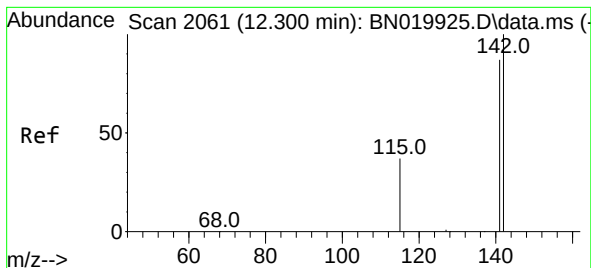
Tgt Ion: 88 Resp: 2516
Ion Ratio Lower Upper
88 100
43 45.9 39.0 58.4
58 64.6 39.8 59.8#



#5
Naphthalene
Concen: 10.535 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

Tgt Ion: 128 Resp: 492403
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.0 11.0 16.4

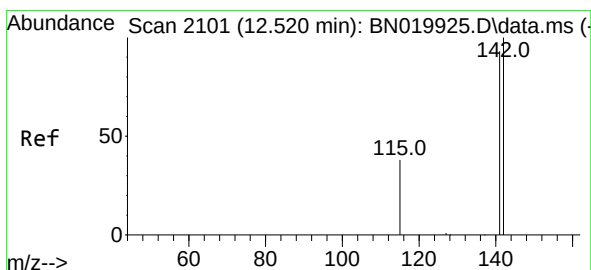
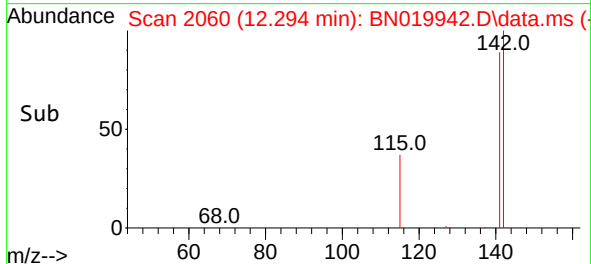
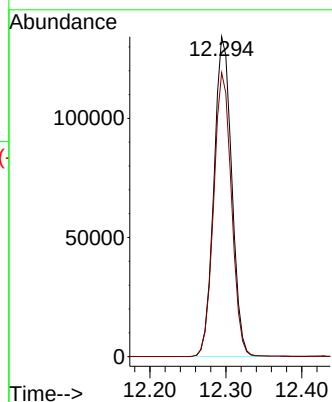
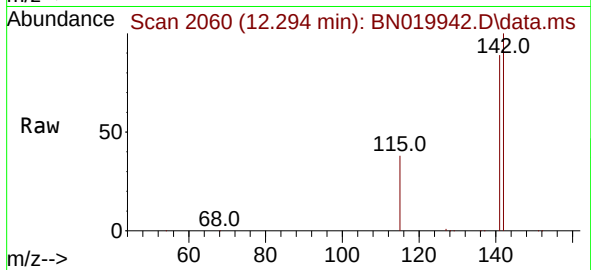




#7
2-Methylnaphthalene
Concen: 7.038 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.010 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

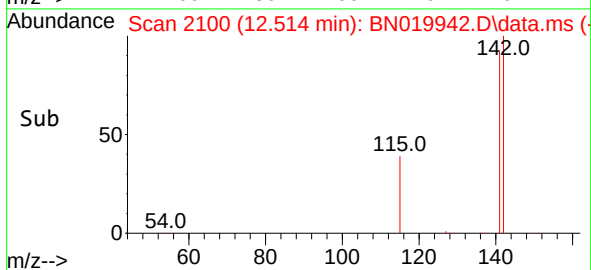
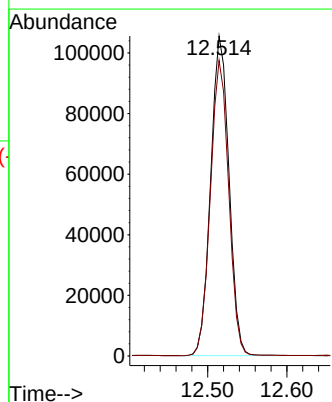
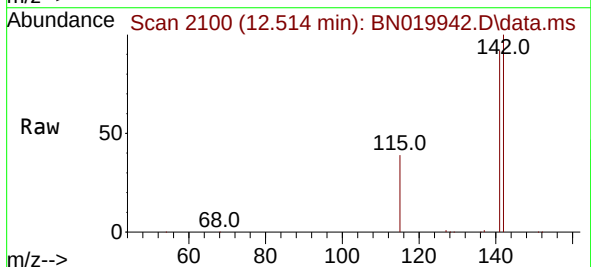
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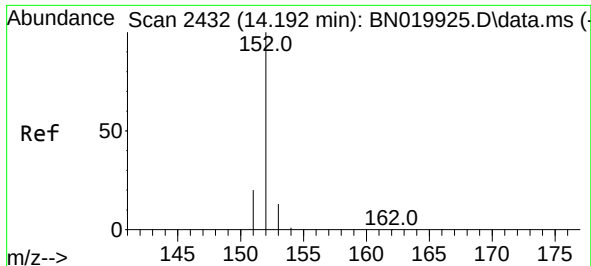
Tgt Ion:142 Resp: 217960
Ion Ratio Lower Upper
142 100
141 88.7 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 5.882 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.010 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

Tgt Ion:142 Resp: 169587
Ion Ratio Lower Upper
142 100
141 91.9 0.0 0.0#

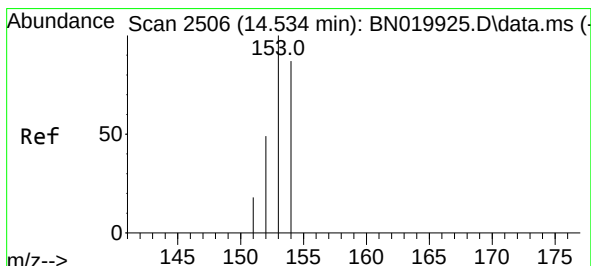
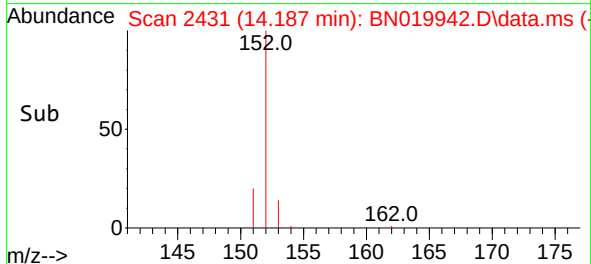
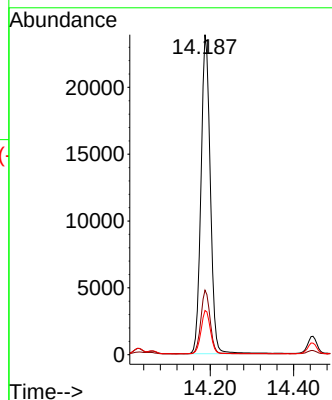
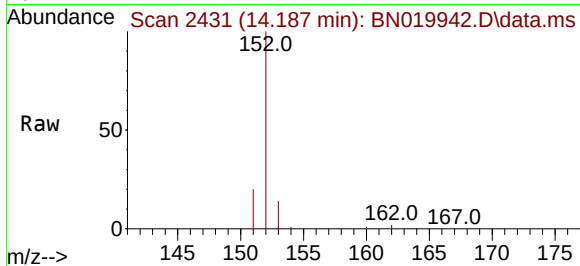




#10
Acenaphthylene
Concen: 0.691 ng/ul
RT: 14.187 min Scan# 2432
Delta R.T. -0.008 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

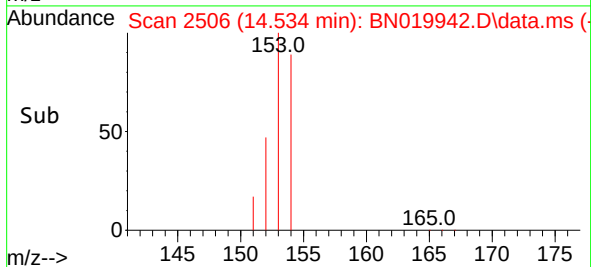
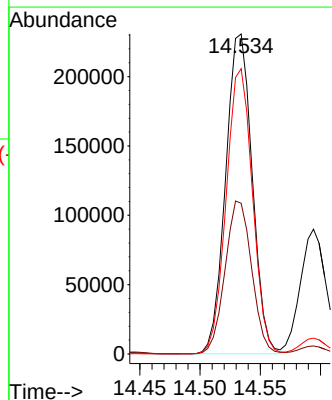
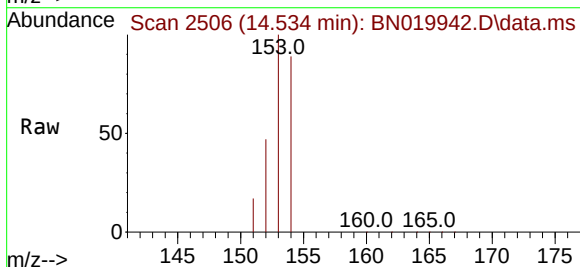
Instrument :
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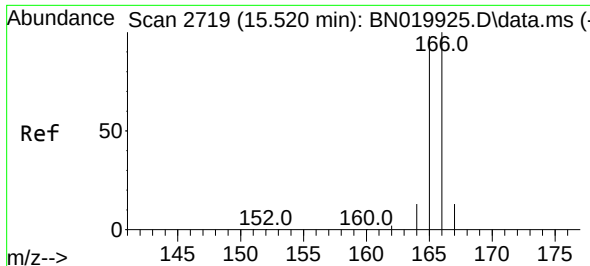
Tgt Ion:152 Resp: 37206
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 9.718 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.003 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

Tgt Ion:153 Resp: 354813
Ion Ratio Lower Upper
153 100
152 47.1 38.6 57.8
154 89.1 71.2 106.8

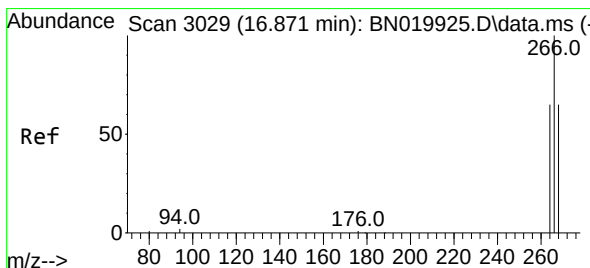
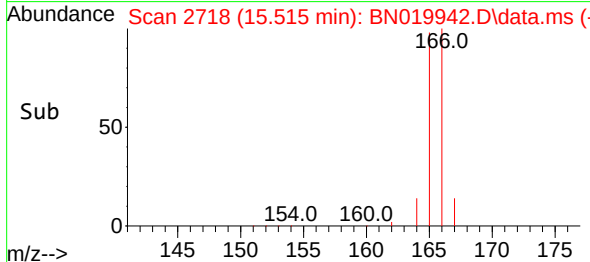
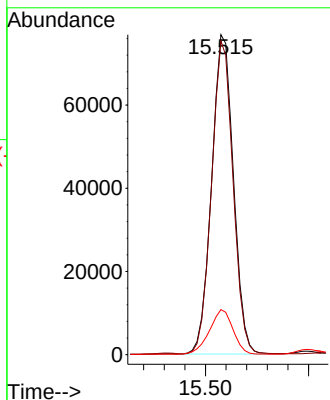
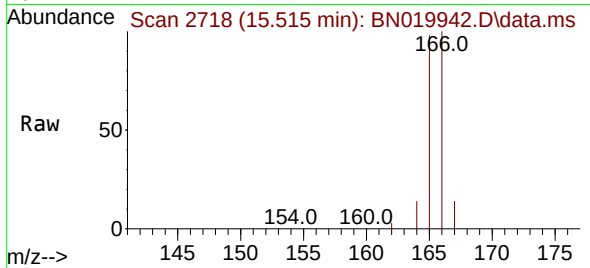




#12
Fluorene
Concen: 2.760 ng/ul
RT: 15.515 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

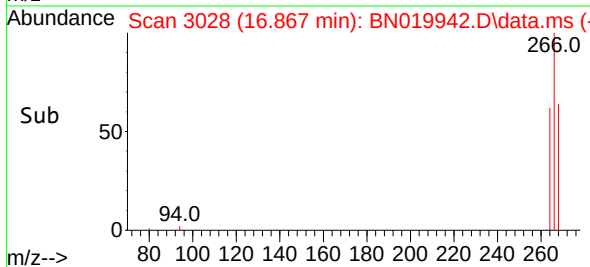
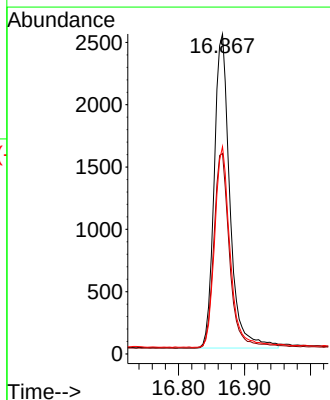
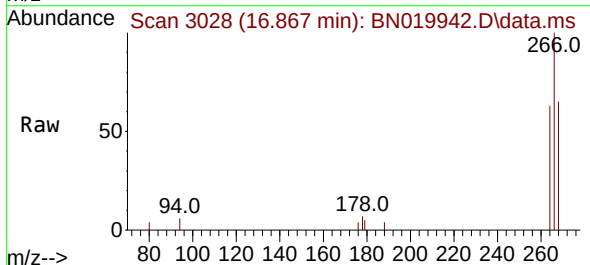
Instrument :
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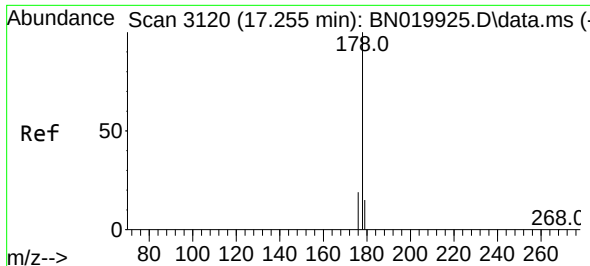
Tgt Ion:166 Resp: 112664
Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.2
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 1.353 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. -0.007 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

Tgt Ion:266 Resp: 4179
Ion Ratio Lower Upper
266 100
264 62.6 44.9 67.3
268 63.0 44.6 67.0

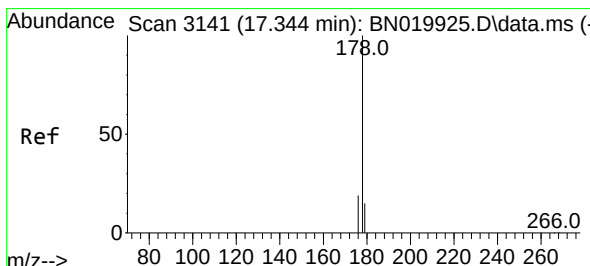
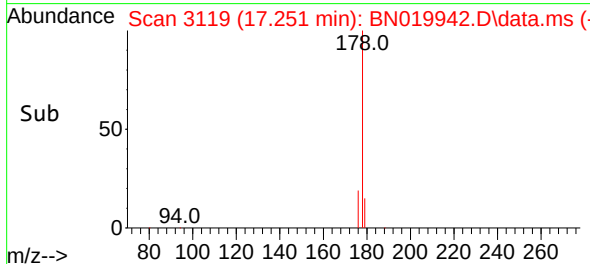
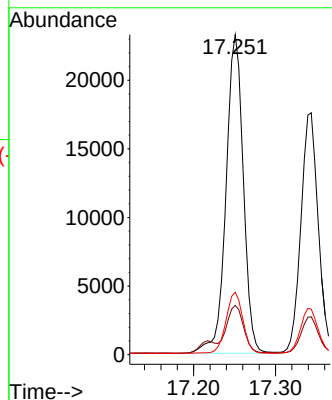
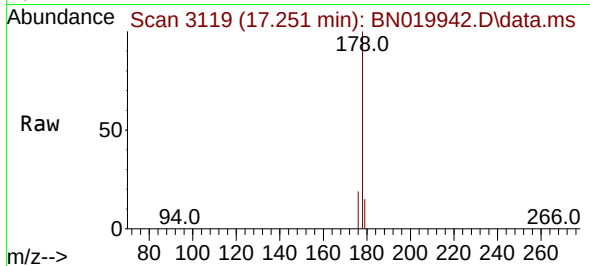




#15
Phenanthrene
Concen: 0.523 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

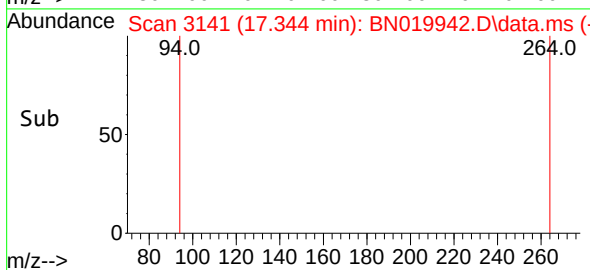
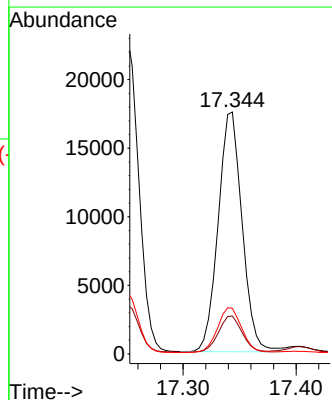
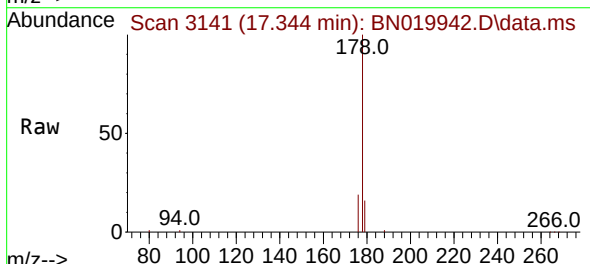
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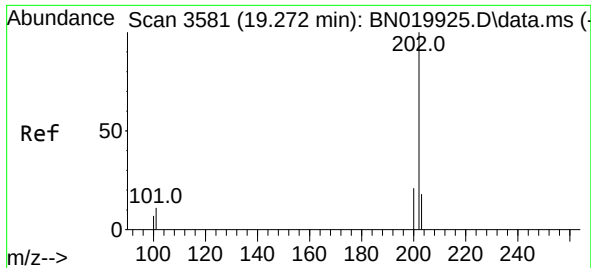
Tgt Ion:178 Resp: 34119
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.5 15.5 23.3



#16
Anthracene
Concen: 0.421 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

Tgt Ion:178 Resp: 25743
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 18.8 15.3 22.9

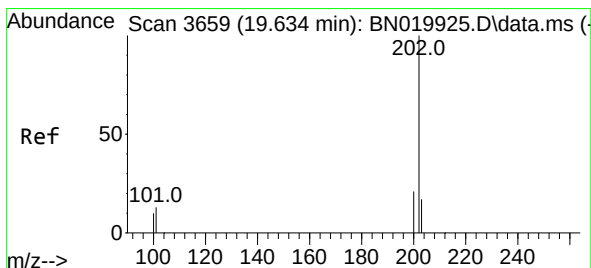
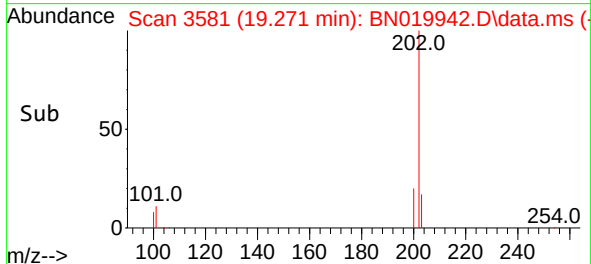
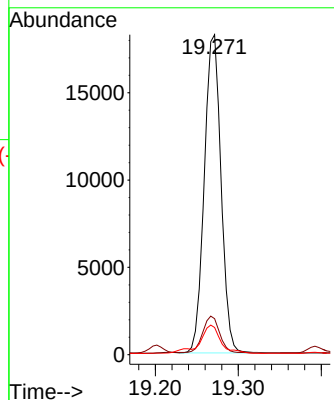
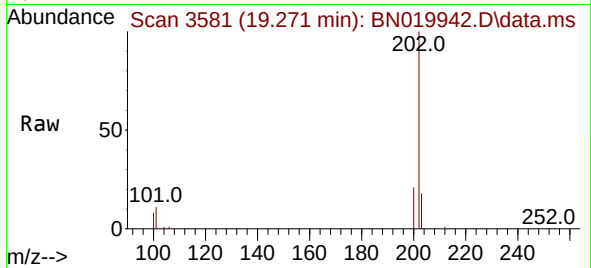




#19
Fluoranthene
Concen: 0.403 ng/u1
RT: 19.271 min Scan# 3581
Delta R.T. -0.003 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

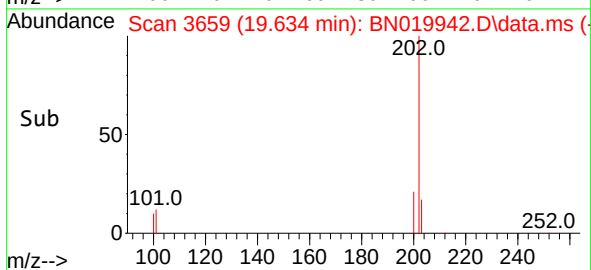
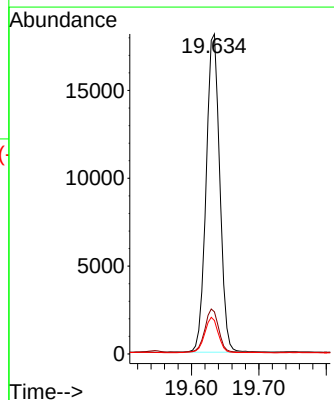
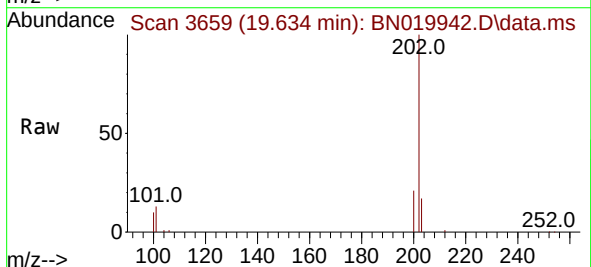
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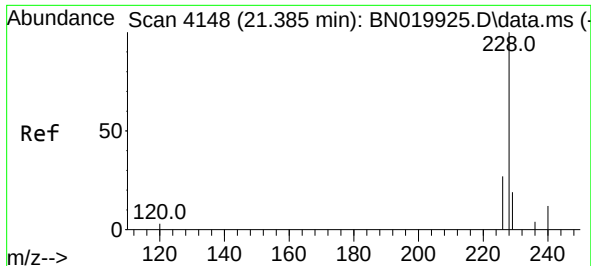
Tgt Ion:202 Resp: 25560
Ion Ratio Lower Upper
202 100
101 11.3 9.7 14.5
100 8.5 7.4 11.2



#20
Pyrene
Concen: 0.393 ng/u1
RT: 19.634 min Scan# 3659
Delta R.T. -0.003 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

Tgt Ion:202 Resp: 25316
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 10.5 9.0 13.4

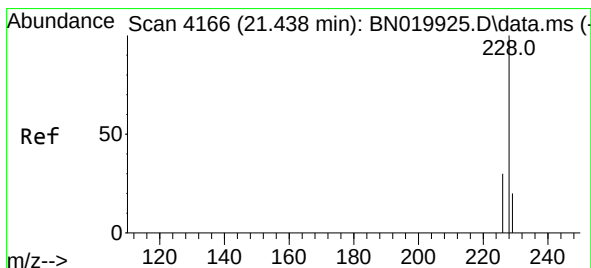
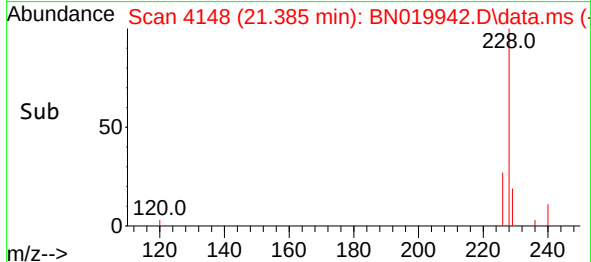
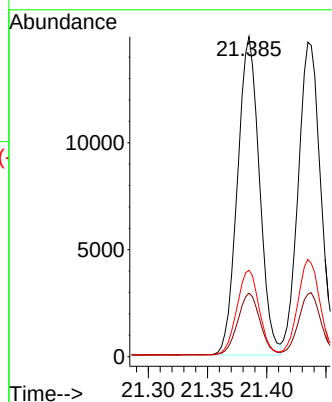
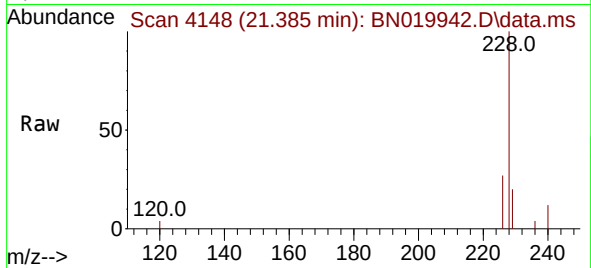




#21
Benzo(a)anthracene
Concen: 0.369 ng/ul
RT: 21.385 min Scan# 4148
Delta R.T. 0.000 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

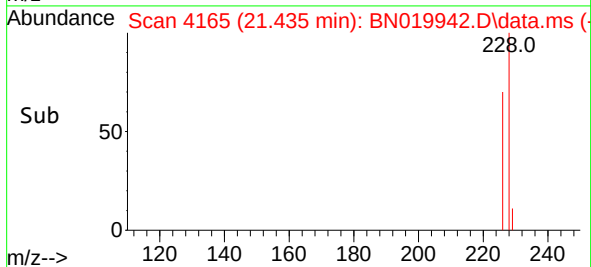
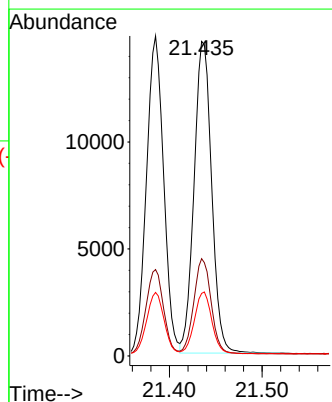
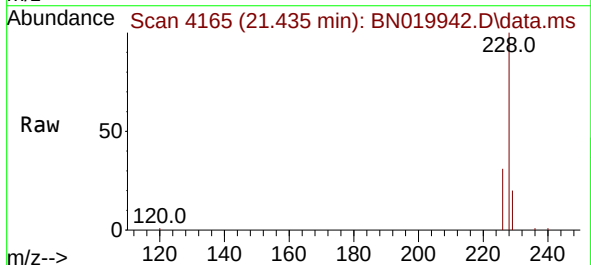
Instrument :
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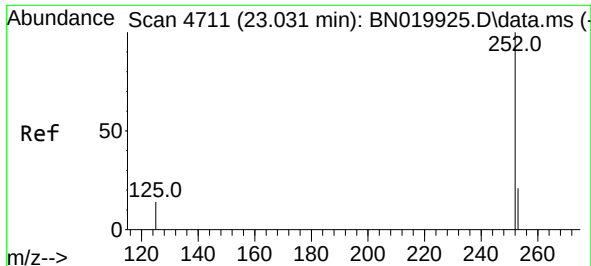
Tgt Ion:228 Resp: 19197
Ion Ratio Lower Upper
228 100
229 19.8 16.1 24.1
226 27.0 22.1 33.1



#22
Chrysene
Concen: 0.366 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

Tgt Ion:228 Resp: 19210
Ion Ratio Lower Upper
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226 30.9 24.2 36.2
229 19.9 16.0 24.0

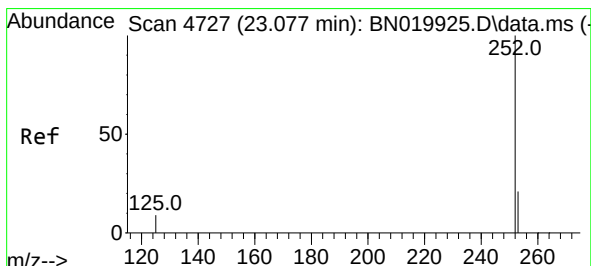
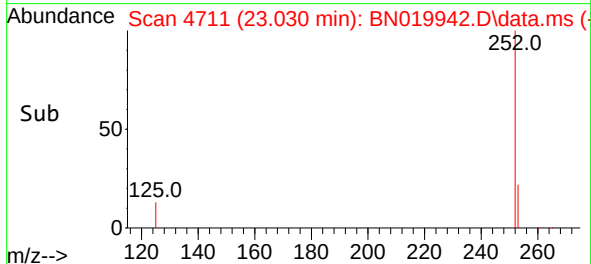
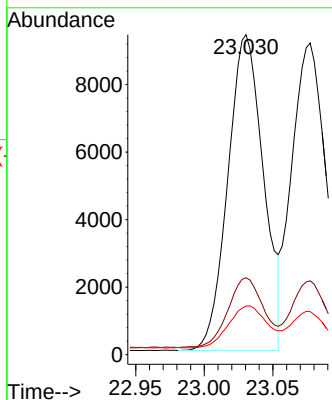
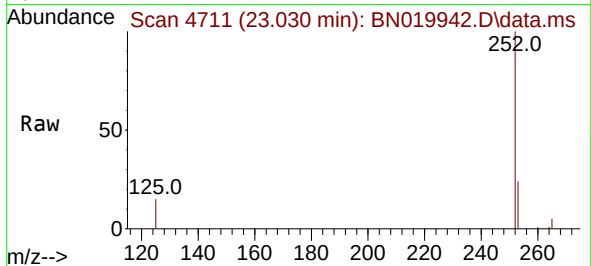




#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 23.030 min Scan# 4711
Delta R.T. 0.000 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

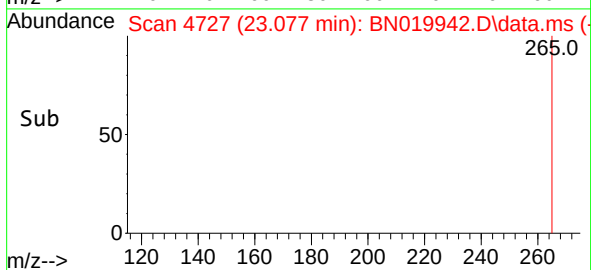
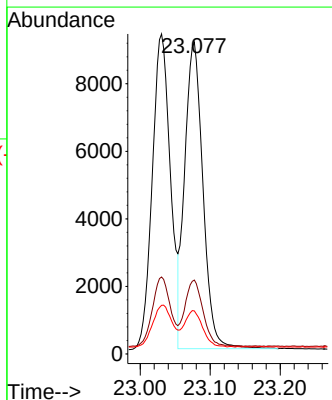
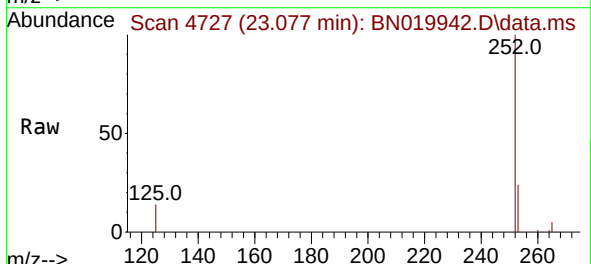
Instrument :
BNA_N
ClientSampleId :
DBTD2MS

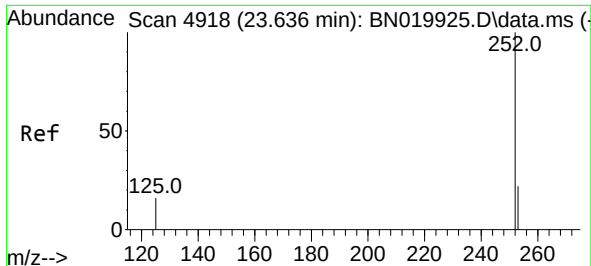
Tgt Ion:252 Resp: 16893
Ion Ratio Lower Upper
252 100
253 24.1 0.0 52.0
125 15.2 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.380 ng/ul
RT: 23.077 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

Tgt Ion:252 Resp: 16387
Ion Ratio Lower Upper
252 100
253 23.7 20.2 30.2
125 13.8 11.0 16.6

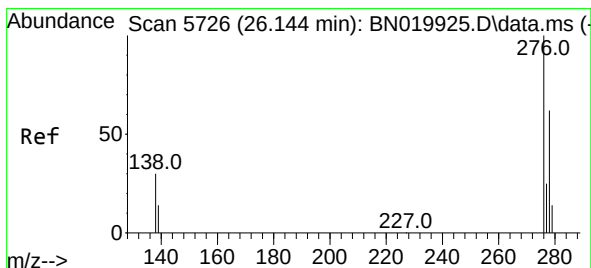
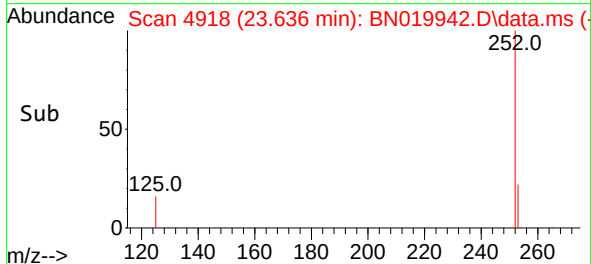
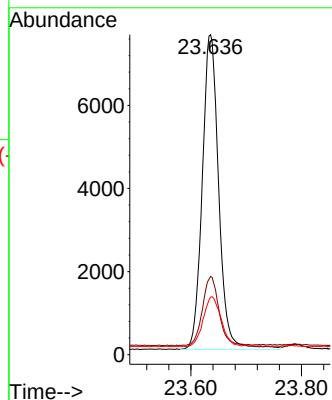
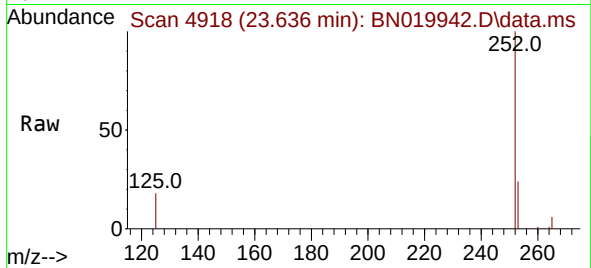




#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.636 min Scan# 4918
Delta R.T. -0.003 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

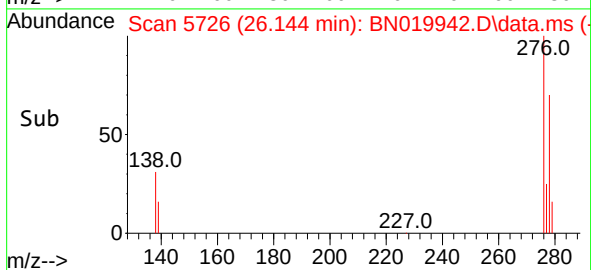
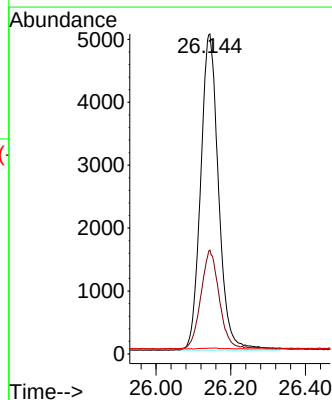
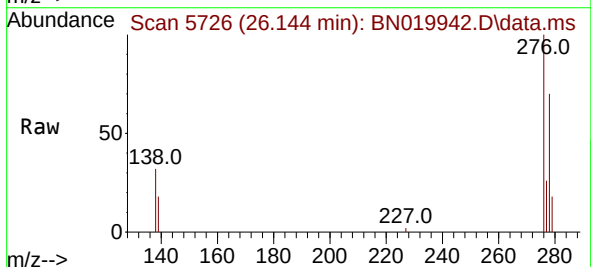
Instrument :
BNA_N
ClientSampleId :
DBTD2MS

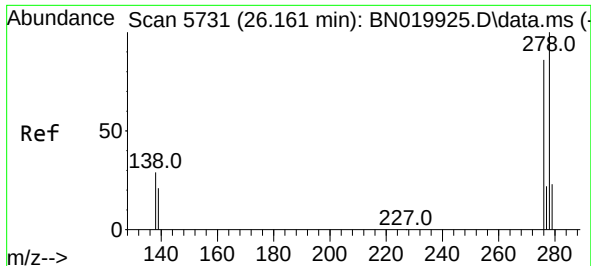
Tgt Ion:252 Resp: 15665
Ion Ratio Lower Upper
252 100
253 24.4 23.4 35.0
125 18.0 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng/ul
RT: 26.144 min Scan# 5726
Delta R.T. -0.007 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

Tgt Ion:276 Resp: 16738
Ion Ratio Lower Upper
276 100
138 32.0 23.6 35.4
227 0.2 0.0 0.0#

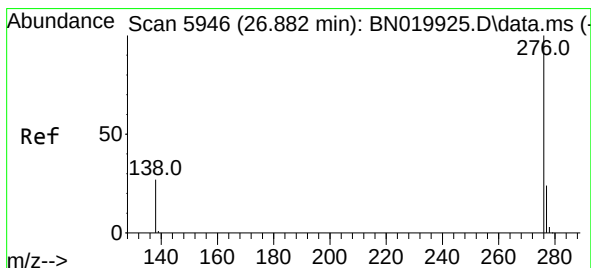
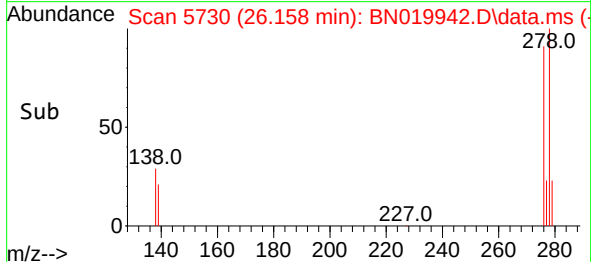
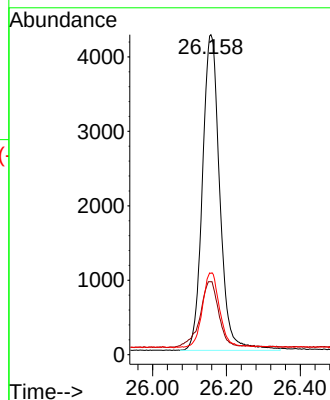
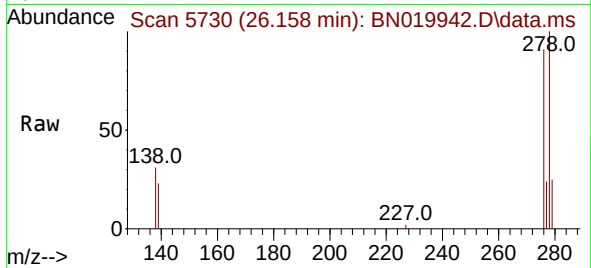




#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 26.158 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

Instrument :
BNA_N
ClientSampleId :
DBTD2MS

Tgt Ion:278 Resp: 13790
Ion Ratio Lower Upper
278 100
139 22.8 18.6 28.0
279 25.4 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.380 ng/ul
RT: 26.879 min Scan# 5945
Delta R.T. -0.007 min
Lab File: BN019942.D
Acq: 25 May 2022 09:26

Tgt Ion:276 Resp: 14297
Ion Ratio Lower Upper
276 100
138 27.3 20.9 31.3
277 24.8 20.4 30.6

