

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019925.D
 Acq On : 24 May 2022 15:45
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

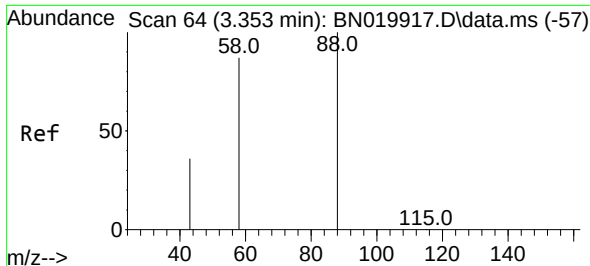
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4363

Quant Time: May 25 01:45:27 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	7.855	152	6245	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	25781	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.474	164	16289	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	33051	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	25833	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	20785	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1955	0.336	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	17976	0.427	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	37424	0.405	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	1946	0.320	ng/ul	88
5) Naphthalene	10.689	128	33199	0.411	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	21247	0.397	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	21332	0.428	ng/ul#	100
10) Acenaphthylene	14.192	152	34857	0.376	ng/ul	99
11) Acenaphthene	14.534	153	23660	0.376	ng/ul	99
12) Fluorene	15.520	166	26868	0.382	ng/ul	100
14) Pentachlorophenol	16.871	266	3122	0.567	ng/ul	89
15) Phenanthrene	17.255	178	43196	0.372	ng/ul	99
16) Anthracene	17.344	178	41139	0.378	ng/ul	99
19) Fluoranthene	19.271	202	48516	0.376	ng/ul	98
20) Pyrene	19.634	202	48556	0.371	ng/ul	98
21) Benzo(a)anthracene	21.385	228	39167	0.371	ng/ul	100
22) Chrysene	21.438	228	38861	0.364	ng/ul	100
24) Benzo(b)fluoranthene	23.030	252	33860	0.369	ng/ul	92
25) Benzo(k)fluoranthene	23.077	252	33331	0.373	ng/ul	96
26) Benzo(a)pyrene	23.639	252	32360	0.372	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.144	276	34012	0.373	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.164	278	28020	0.375	ng/ul#	79
29) Benzo(g,h,i)perylene	26.879	276	28456	0.365	ng/ul	97

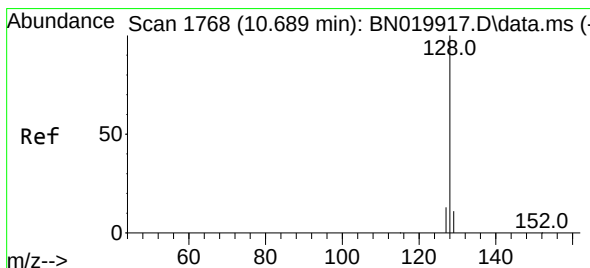
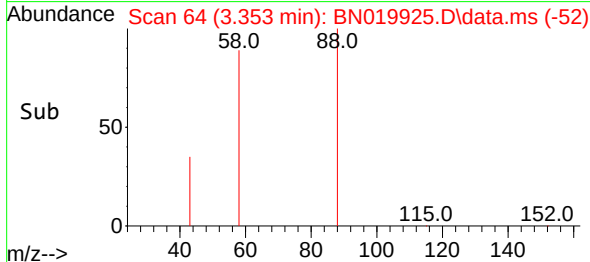
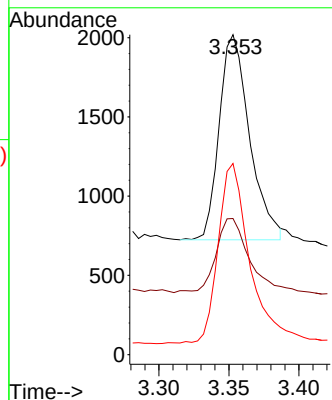
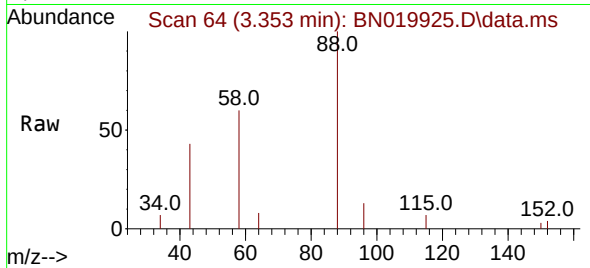
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.320 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

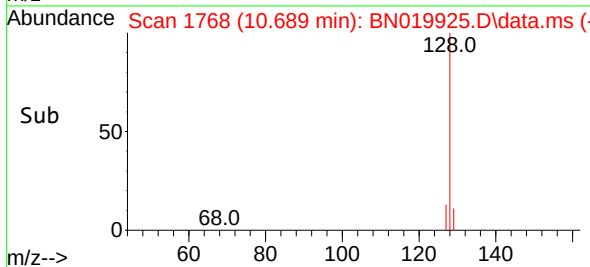
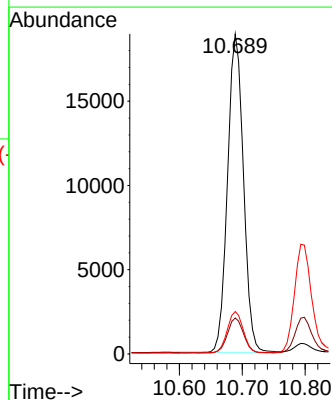
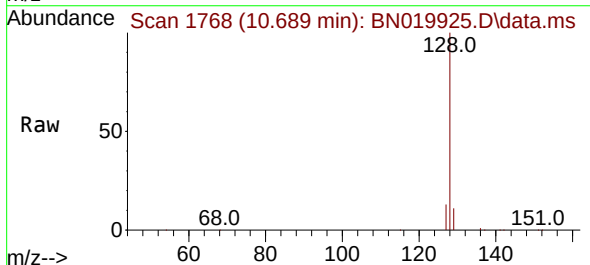
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ClientSampleId :
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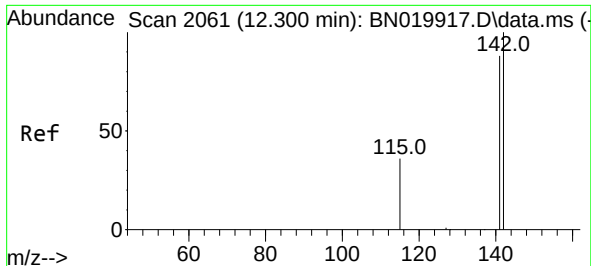
Tgt Ion: 88 Resp: 1946
Ion Ratio Lower Upper
88 100
43 42.5 39.0 58.4
58 59.7 39.8 59.8



#5
Naphthalene
Concen: 0.411 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

Tgt Ion: 128 Resp: 33199
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.2 11.0 16.4

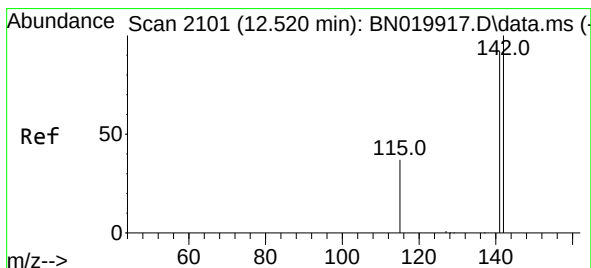
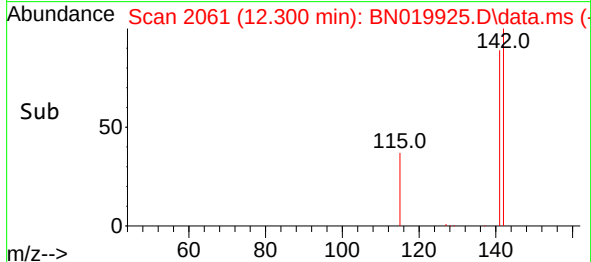
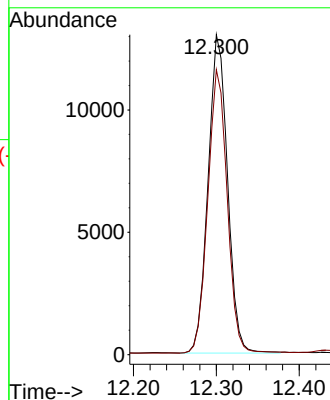
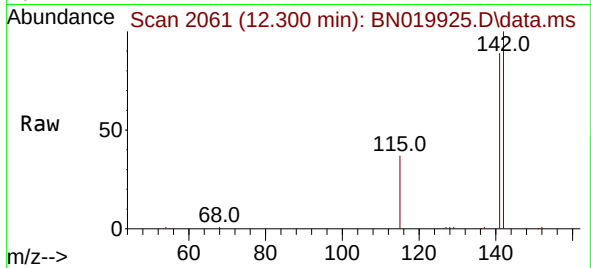




#7
2-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

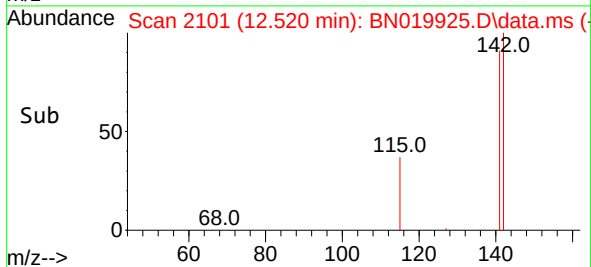
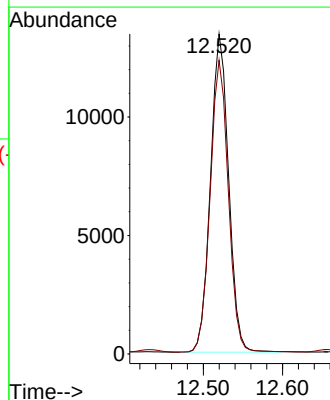
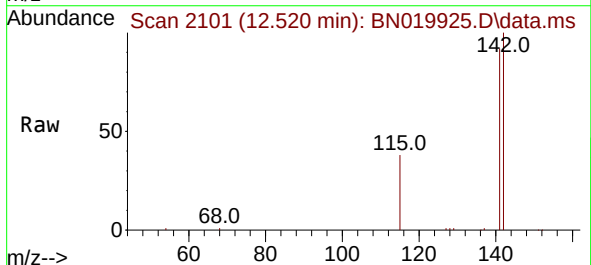
Instrument :
BNA_N
ClientSampleId :
SSTD0.4363

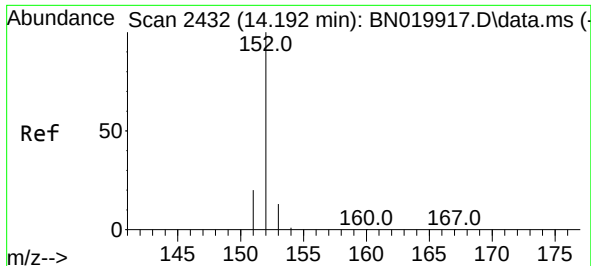
Tgt Ion:142 Resp: 21247
Ion Ratio Lower Upper
142 100
141 88.9 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

Tgt Ion:142 Resp: 21332
Ion Ratio Lower Upper
142 100
141 91.9 0.0 0.0#

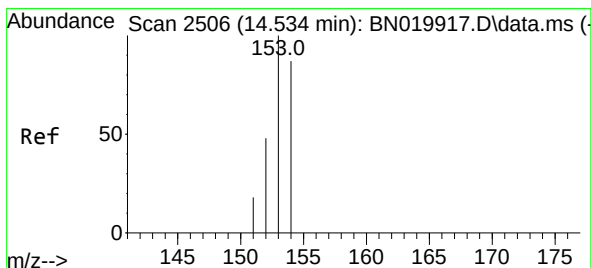
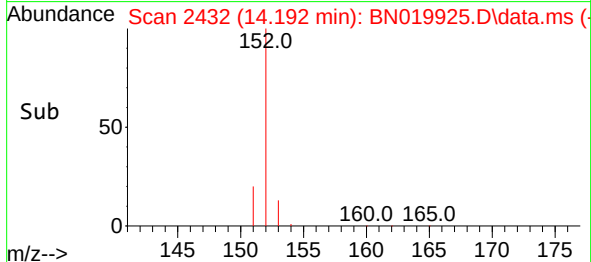
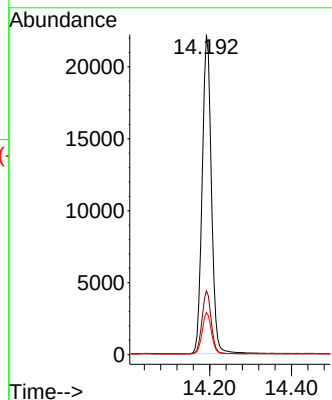
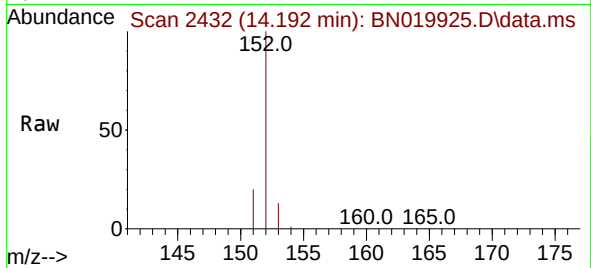




#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

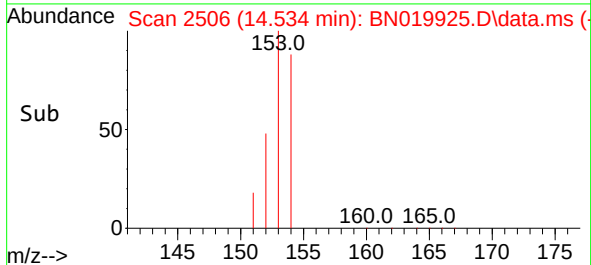
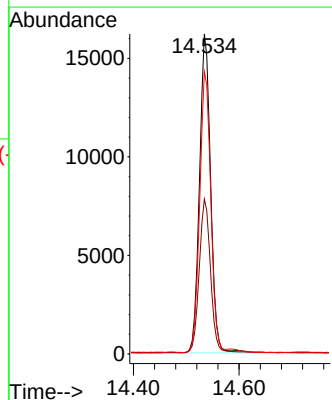
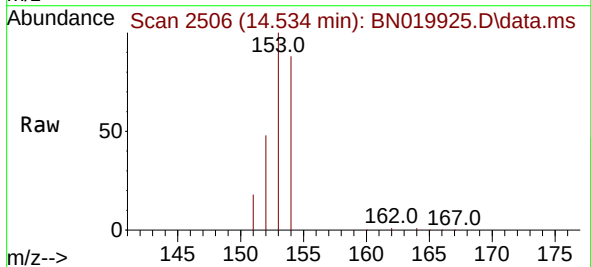
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ClientSampleId :
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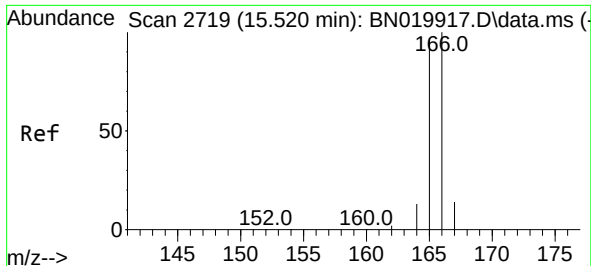
Tgt Ion:152 Resp: 34857
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.1 11.1 16.7



#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.003 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

Tgt Ion:153 Resp: 23660
Ion Ratio Lower Upper
153 100
152 48.4 38.6 57.8
154 88.2 71.2 106.8

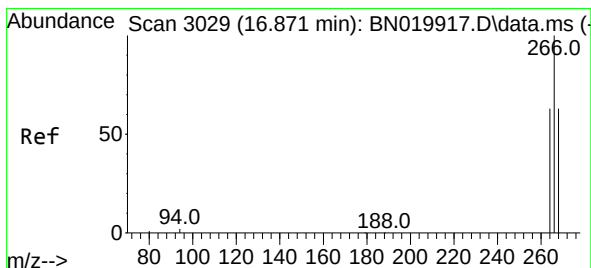
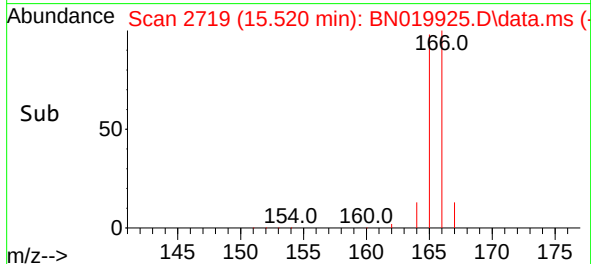
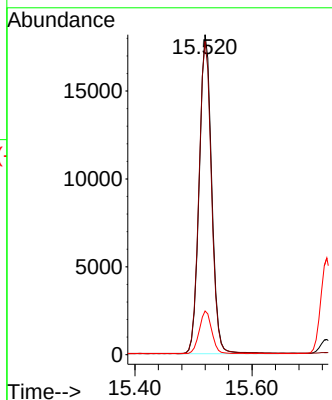
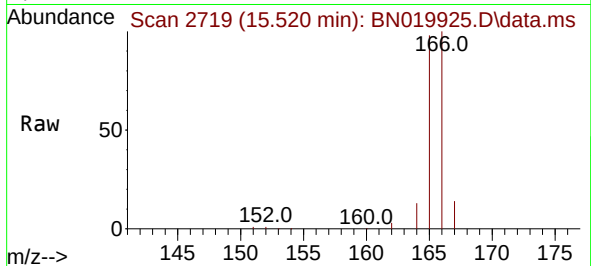




#12
Fluorene
Concen: 0.382 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.003 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

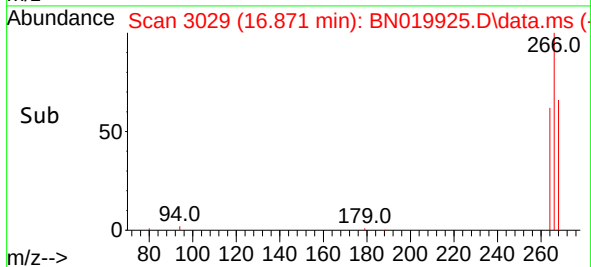
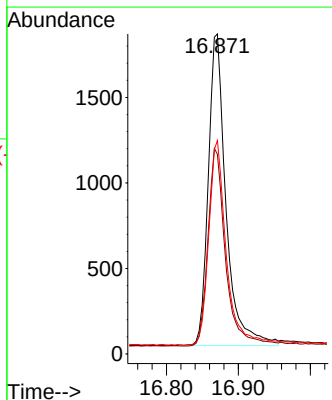
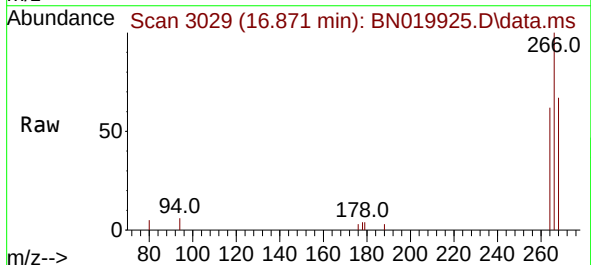
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ClientSampleId :
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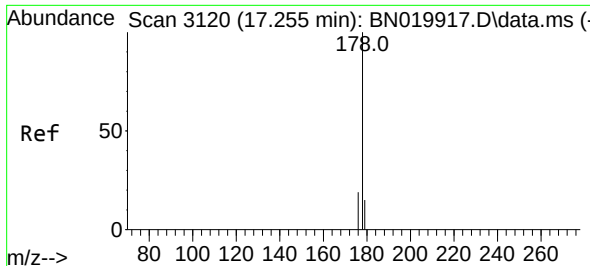
Tgt Ion:166 Resp: 26868
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.567 ng/ul
RT: 16.871 min Scan# 3029
Delta R.T. -0.003 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

Tgt Ion:266 Resp: 3122
Ion Ratio Lower Upper
266 100
264 63.0 44.9 67.3
268 64.7 44.6 67.0

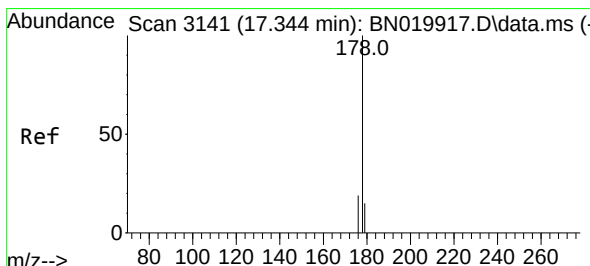
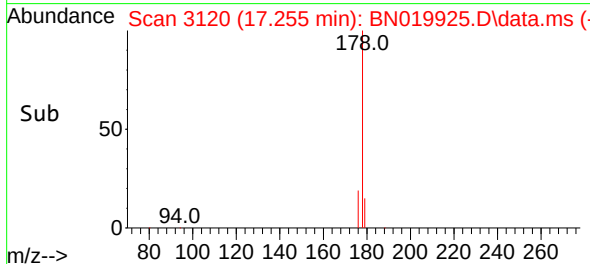
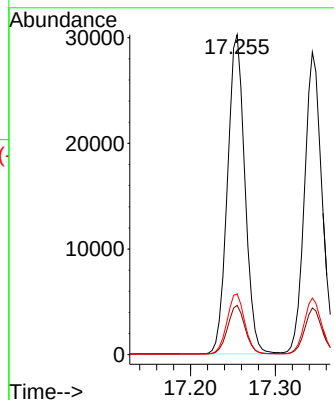
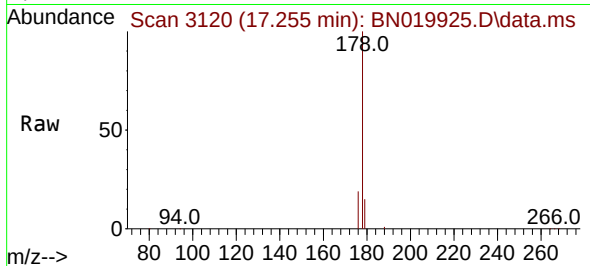




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

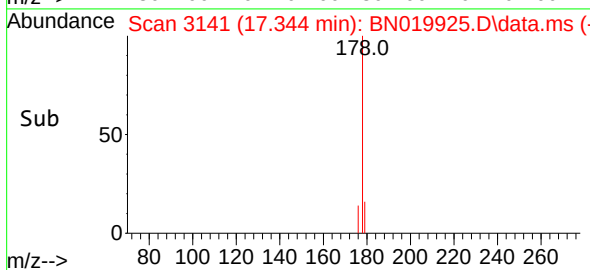
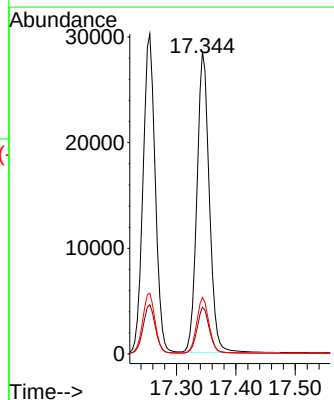
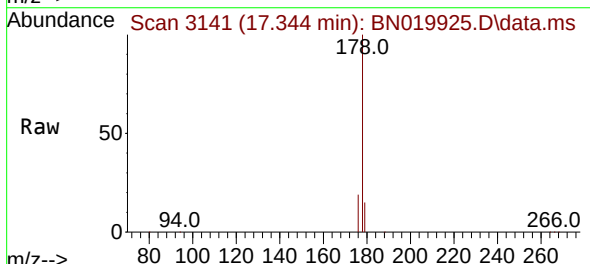
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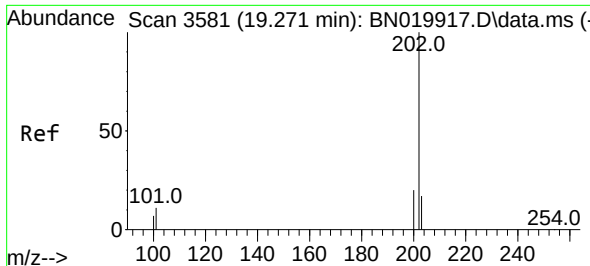
Tgt Ion:178 Resp: 43196
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.0 15.5 23.3



#16
Anthracene
Concen: 0.378 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

Tgt Ion:178 Resp: 41139
Ion Ratio Lower Upper
178 100
179 15.4 13.1 19.7
176 18.7 15.3 22.9

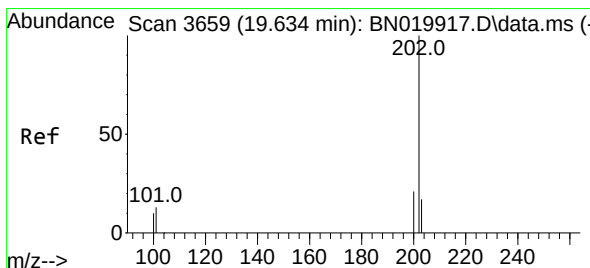
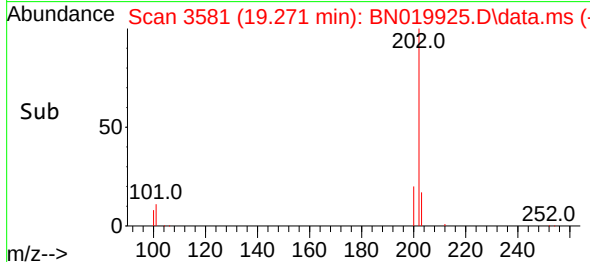
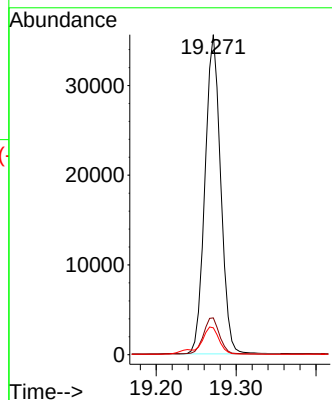
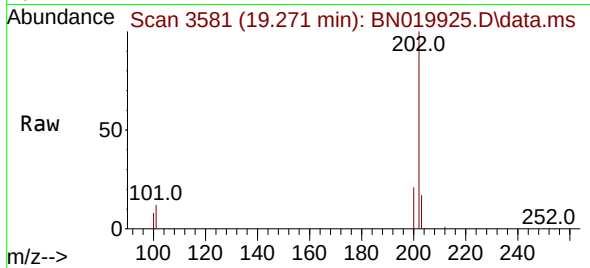




#19
Fluoranthene
Concen: 0.376 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.003 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

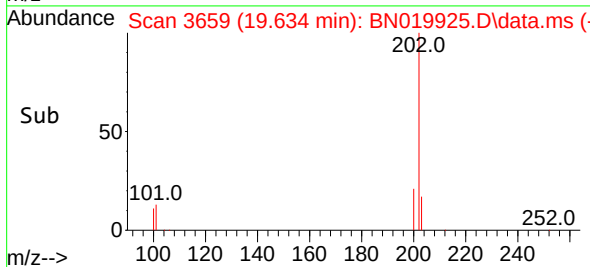
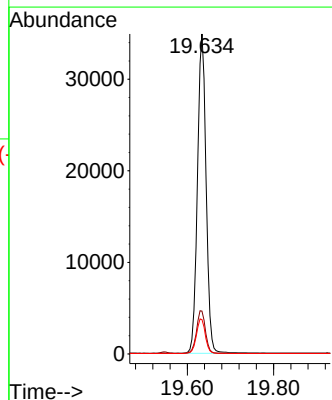
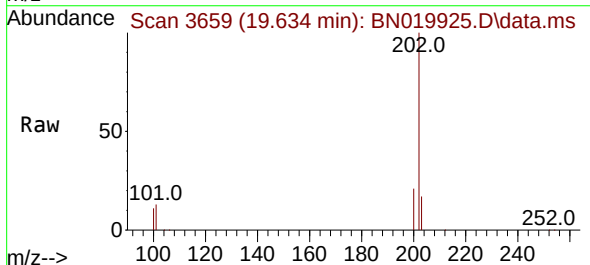
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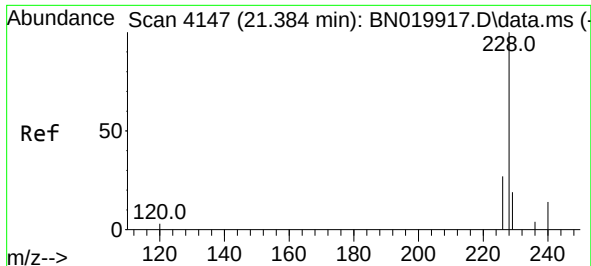
Tgt Ion:202 Resp: 48516
Ion Ratio Lower Upper
202 100
101 11.5 9.7 14.5
100 8.4 7.4 11.2



#20
Pyrene
Concen: 0.371 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.003 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

Tgt Ion:202 Resp: 48556
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 10.8 9.0 13.4

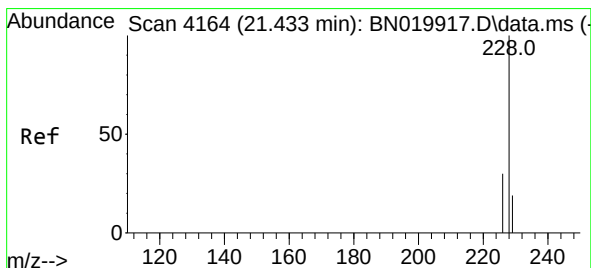
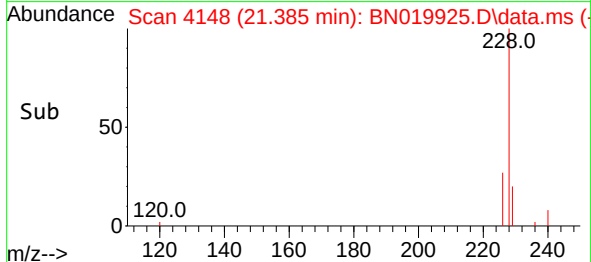
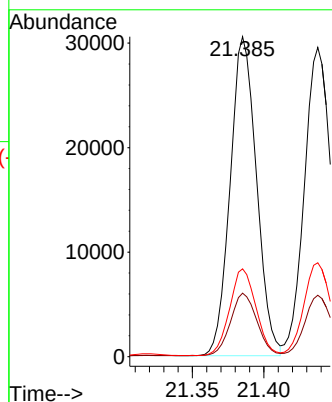
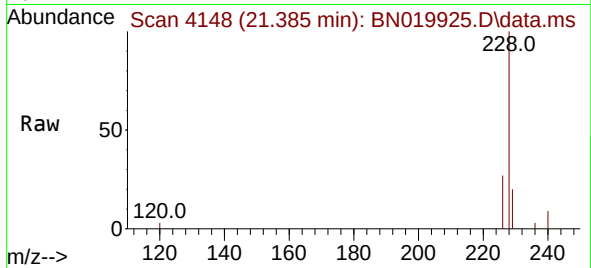




#21
Benzo(a)anthracene
Concen: 0.371 ng/ul
RT: 21.385 min Scan# 4147
Delta R.T. 0.000 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

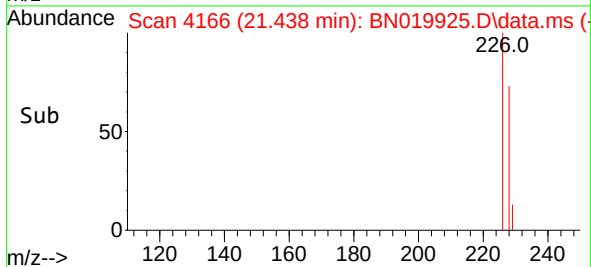
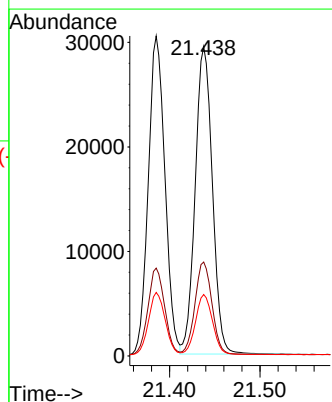
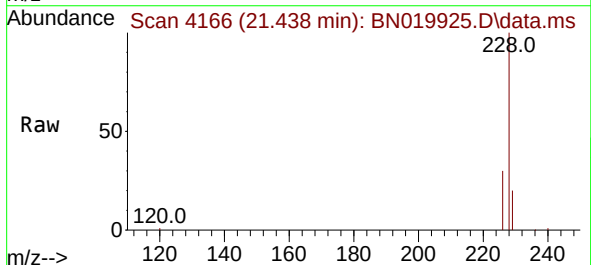
Instrument :
BNA_N
ClientSampleId :
SSTD0.4363

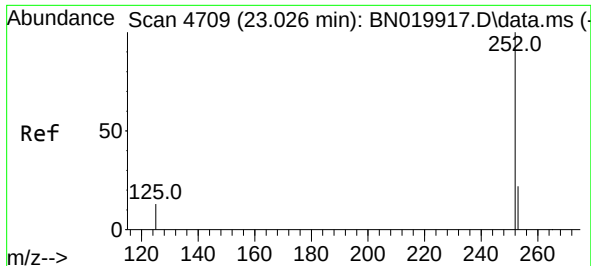
Tgt Ion:228 Resp: 39167
Ion Ratio Lower Upper
228 100
229 19.9 16.1 24.1
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.364 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

Tgt Ion:228 Resp: 38861
Ion Ratio Lower Upper
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229 19.9 16.0 24.0

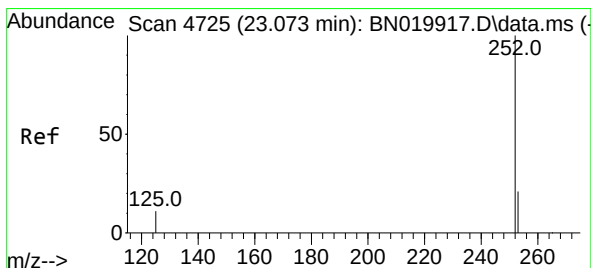
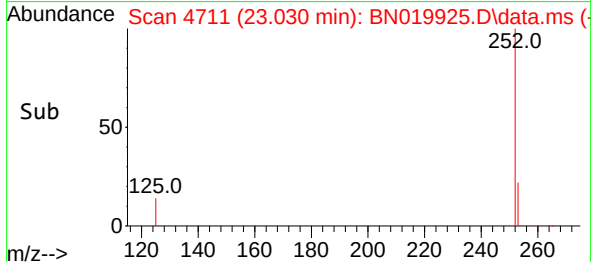
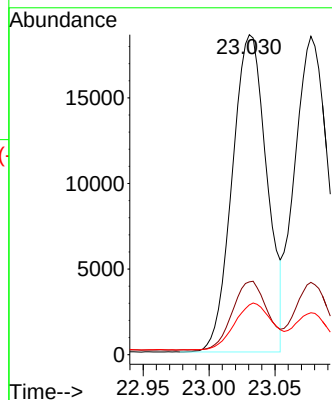
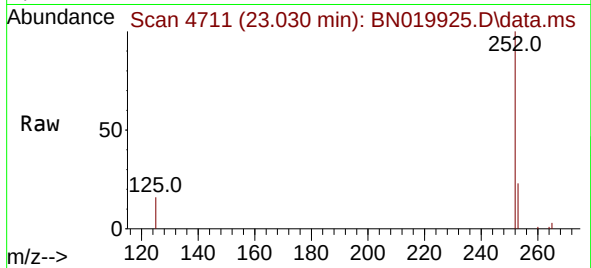




#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 23.030 min Scan# 4711
Delta R.T. 0.000 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

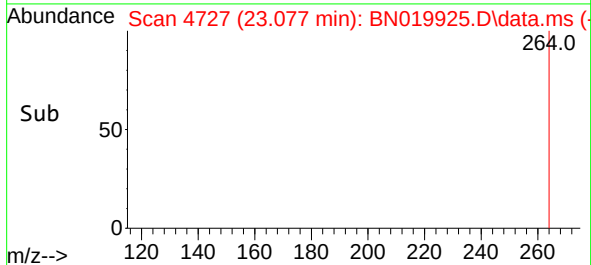
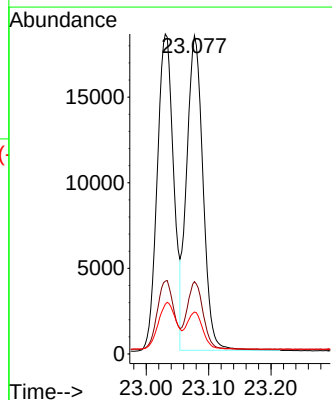
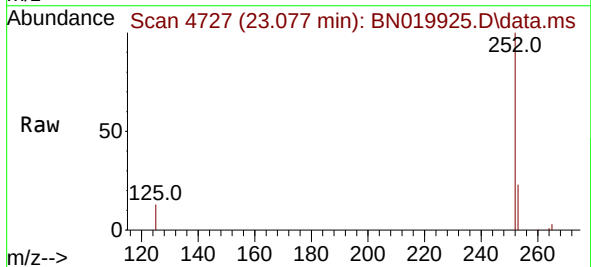
Instrument :
BNA_N
ClientSampleId :
SSTD0.4363

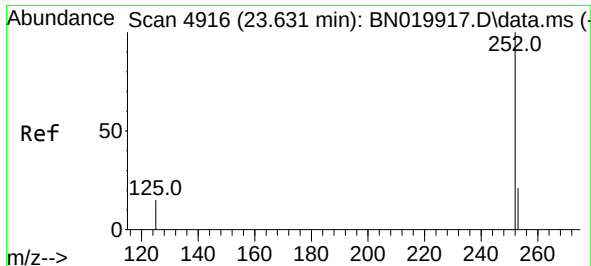
Tgt Ion:252 Resp: 33860
Ion Ratio Lower Upper
252 100
253 22.7 0.0 52.0
125 15.6 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.077 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

Tgt Ion:252 Resp: 33331
Ion Ratio Lower Upper
252 100
253 22.7 20.2 30.2
125 13.2 11.0 16.6

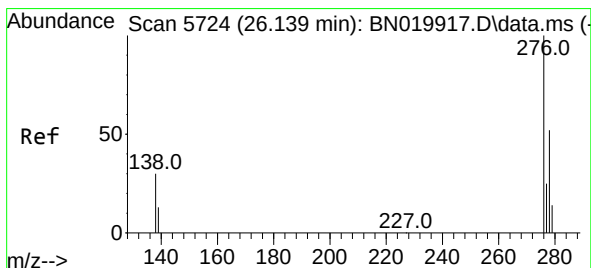
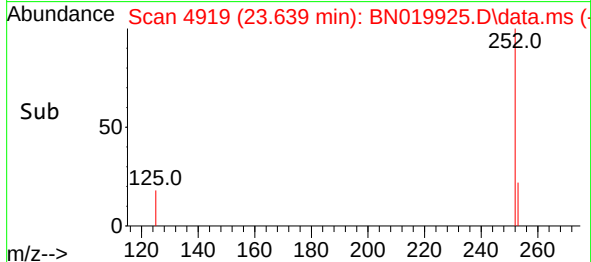
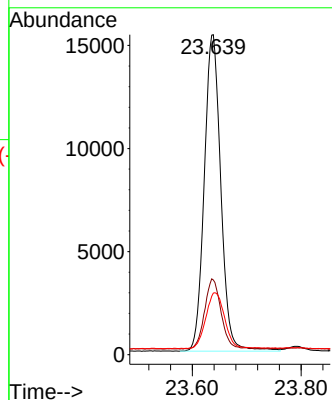
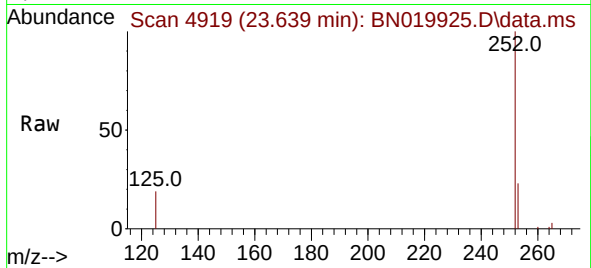




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.639 min Scan# 4916
Delta R.T. 0.000 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

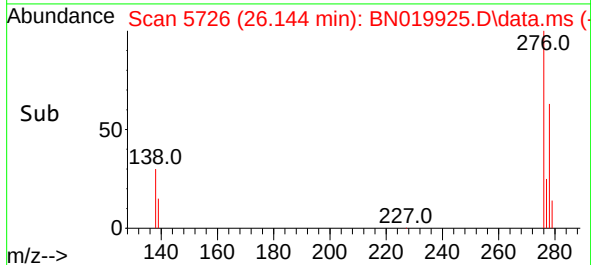
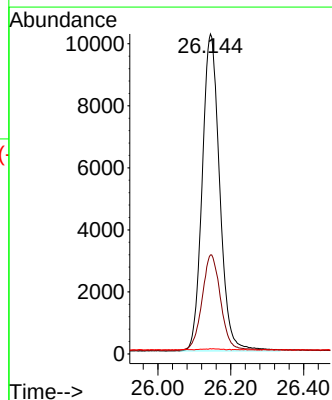
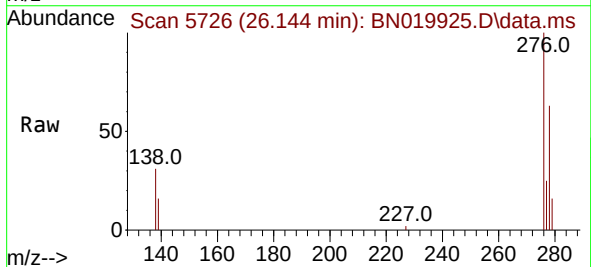
Instrument :
BNA_N
ClientSampleId :
SSTD0.4363

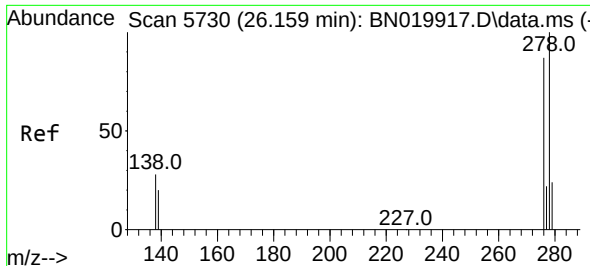
Tgt Ion:252 Resp: 32360
Ion Ratio Lower Upper
252 100
253 23.4 23.4 35.0#
125 19.3 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 26.144 min Scan# 5726
Delta R.T. -0.007 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

Tgt Ion:276 Resp: 34012
Ion Ratio Lower Upper
276 100
138 31.9 23.6 35.4
227 0.2 0.0 0.0#

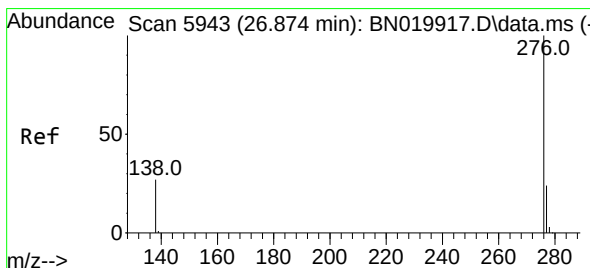
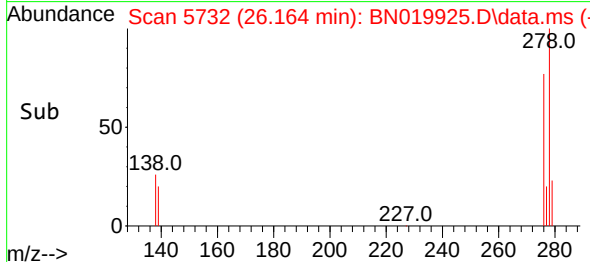
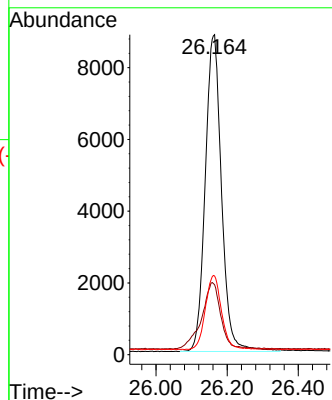
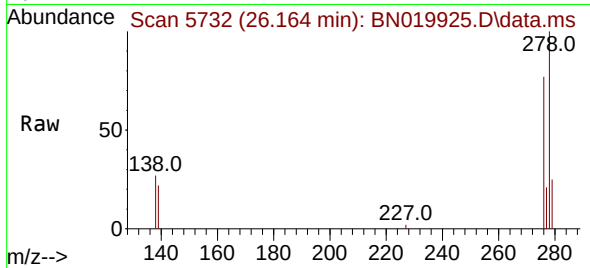




#28
Dibenzo(a,h)anthracene
Concen: 0.375 ng/ul
RT: 26.164 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

Instrument :
BNA_N
ClientSampleId :
SSTD0.4363

Tgt Ion:278 Resp: 28020
Ion Ratio Lower Upper
278 100
139 21.9 18.6 28.0
279 24.6 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.365 ng/ul
RT: 26.879 min Scan# 5945
Delta R.T. -0.007 min
Lab File: BN019925.D
Acq: 24 May 2022 15:45

Tgt Ion:276 Resp: 28456
Ion Ratio Lower Upper
276 100
138 27.8 20.9 31.3
277 24.5 20.4 30.6

