

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021822\
 Data File : BN018655.D
 Acq On : 18 Feb 2022 16:24
 Operator : CG/JU
 Sample : SP5823
 Misc : SFAM SIM SURROGATE
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5823

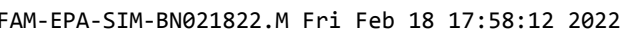
Quant Time: Feb 18 17:58:05 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 18 13:39:55 2022
 Response via : Initial Calibration

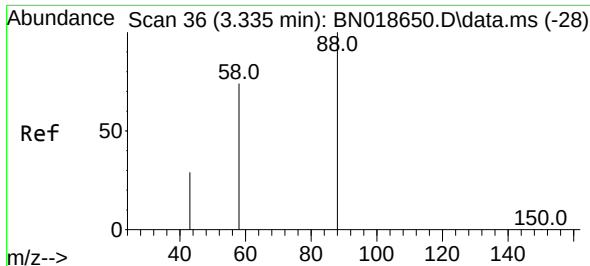
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	8530	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	21957	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	11372	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	20402	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	15067	0.400	ng/ul #	0.00
23) Perylene-d12	23.870	264	13244	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	12417	1.282	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.310	152	20024	0.667	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	32842	0.730	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	43	0.004	ng/ul#	65
5) Naphthalene	10.770	128	64	0.001	ng/ul#	1
7) 2-Methylnaphthalene	12.376	142	45	0.001	ng/ul#	59
8) 1-Methylnaphthalene	12.601	142	36	0.001	ng/ul#	44
10) Acenaphthylene	14.270	152	40	0.001	ng/ul#	1
11) Acenaphthene	14.612	153	41	0.001	ng/ul#	76
12) Fluorene	15.653	166	6	0.000	ng/ul#	38
14) Pentachlorophenol	16.933	266	85	0.020	ng/ul#	77
15) Phenanthrene	17.317	178	579	0.009	ng/ul#	55
16) Anthracene	17.410	178	433	0.007	ng/ul#	46
19) Fluoranthene	19.345	202	1036	0.016	ng/ul#	76
20) Pyrene	19.707	202	871	0.013	ng/ul#	69
21) Benzo(a)anthracene	21.456	228	995	0.017	ng/ul#	84
22) Chrysene	21.509	228	1762	0.029	ng/ul#	93
24) Benzo(b)fluoranthene	23.142	252	2342	0.040	ng/ul#	49
25) Benzo(k)fluoranthene	23.189	252	1692	0.029	ng/ul#	40
26) Benzo(a)pyrene	23.768	252	728	0.014	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.366	276	854	0.013	ng/ul#	56
28) Dibenzo(a,h)anthracene	26.373	278	550	0.011	ng/ul#	1
29) Benzo(g,h,i)perylene	27.128	276	910	0.016	ng/ul#	51

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

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QLast Update : Fri Feb 18 13:39:55 2022
Response via : Initial Calibration

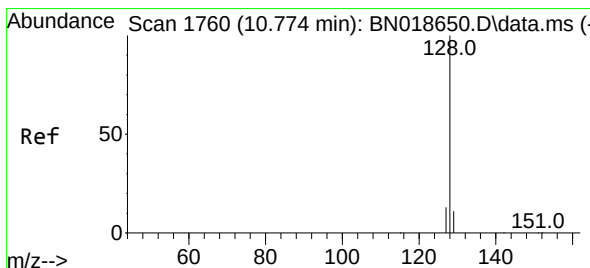
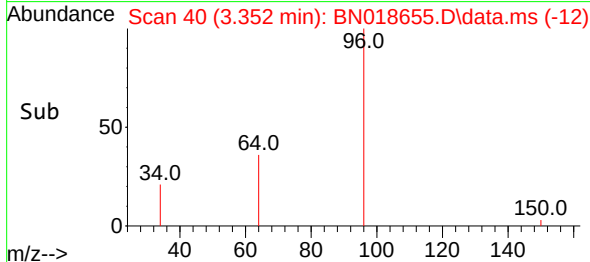
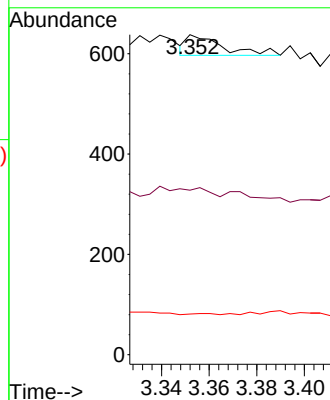
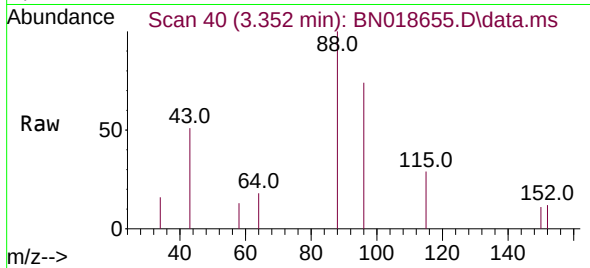




#2
1,4-Dioxane
Concen: 0.004 ng/ul
RT: 3.352 min Scan# 40
Delta R.T. 0.017 min
Lab File: BN018655.D
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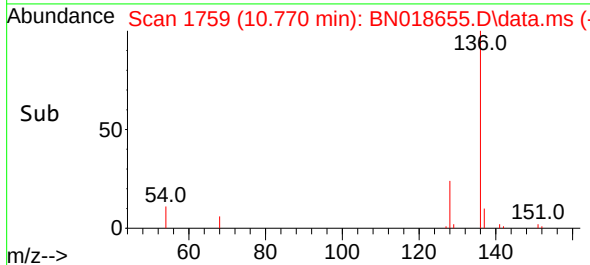
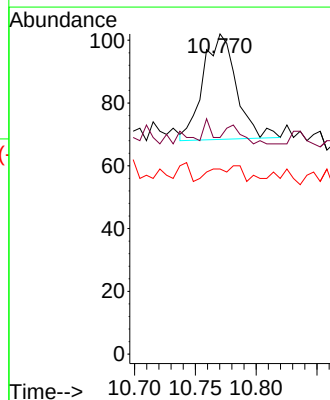
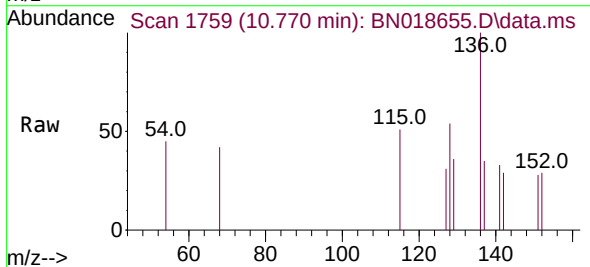
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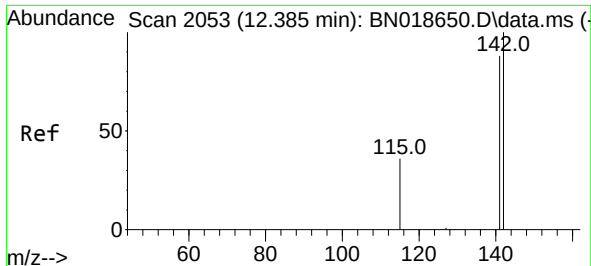
Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
43 51.4 47.8 71.8
58 12.7 46.2 69.2#



#5
Naphthalene
Concen: 0.001 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. -0.004 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

Tgt Ion:128 Resp: 64
Ion Ratio Lower Upper
128 100
129 67.6 9.4 14.0#
127 57.8 11.0 16.6#

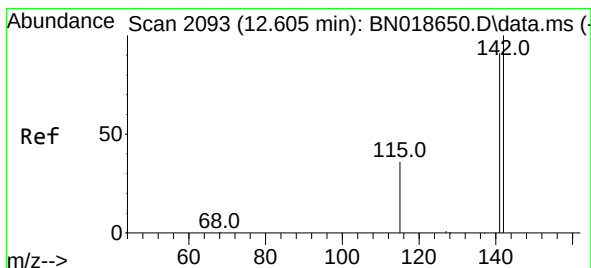
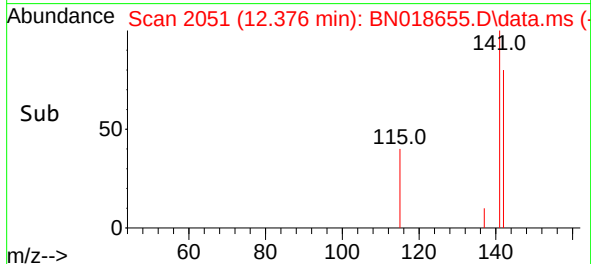
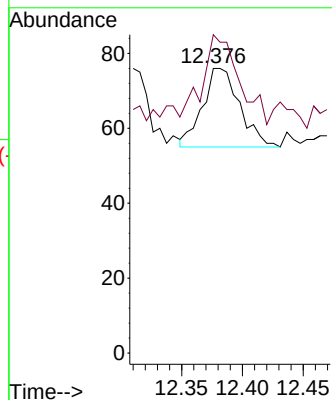
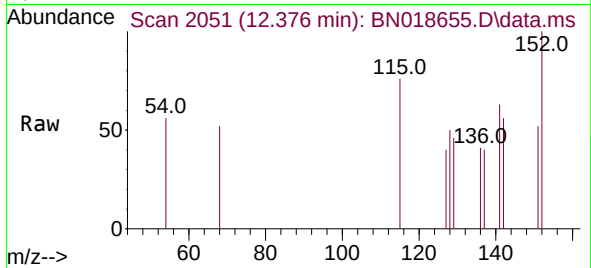




#7
2-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.376 min Scan# 2051
Delta R.T. -0.009 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

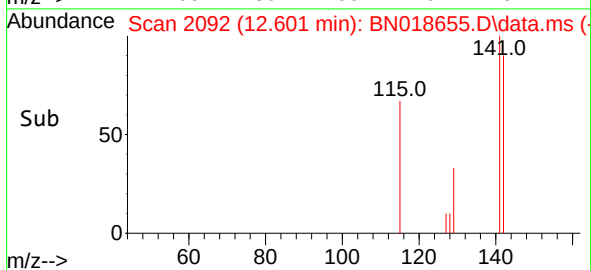
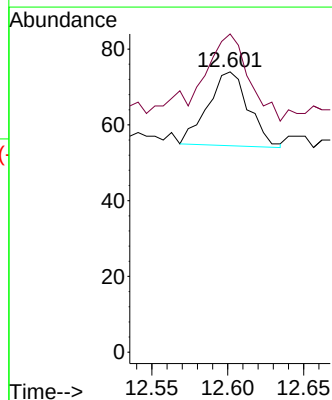
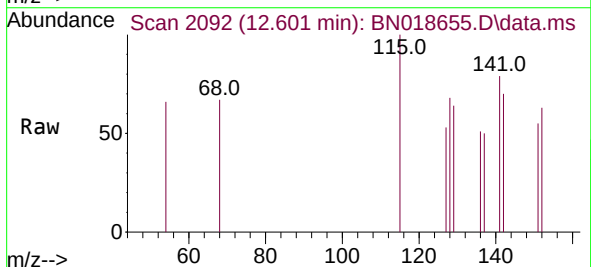
Instrument :
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ClientSampleId :
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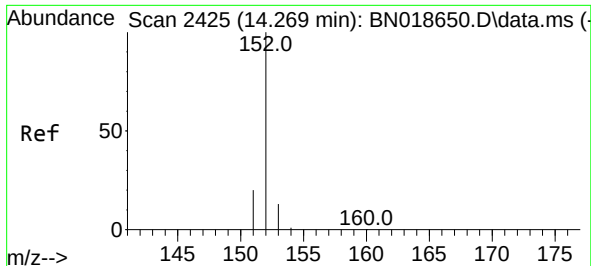
Tgt Ion:142 Resp: 45
Ion Ratio Lower Upper
142 100
141 126.7 70.9 106.3#



#8
1-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.004 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

Tgt Ion:142 Resp: 36
Ion Ratio Lower Upper
142 100
141 144.4 73.2 109.8#

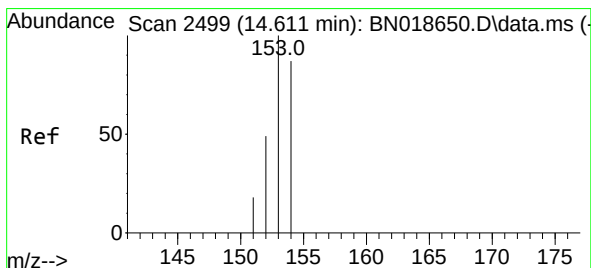
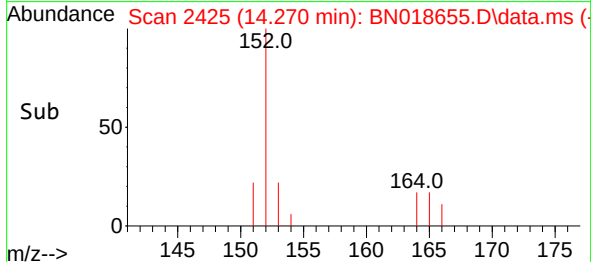
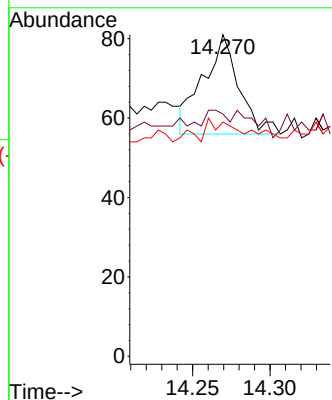
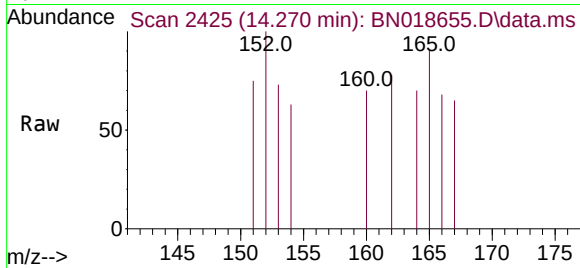




#10
Acenaphthylene
Concen: 0.001 ng/ul
RT: 14.270 min Scan# 2425
Delta R.T. 0.001 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

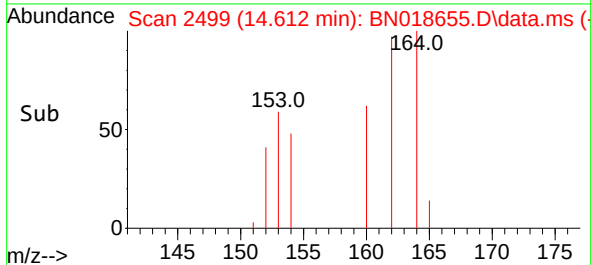
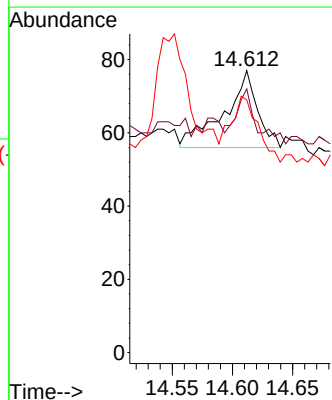
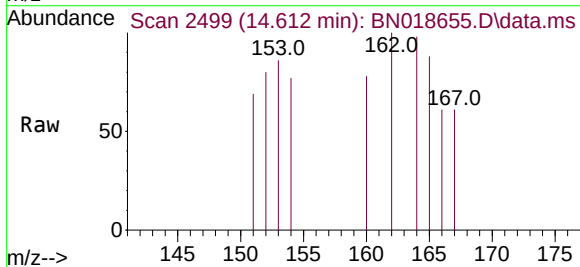
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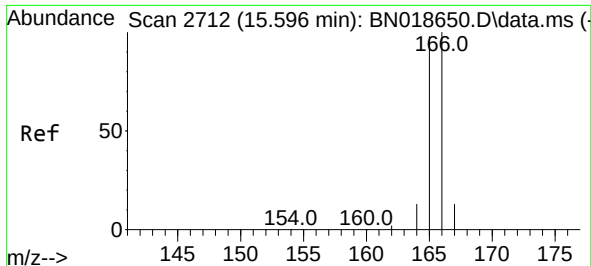
Tgt Ion:152 Resp: 40
Ion Ratio Lower Upper
152 100
151 75.3 15.8 23.8#
153 72.8 10.7 16.1#



#11
Acenaphthene
Concen: 0.001 ng/ul
RT: 14.612 min Scan# 2499
Delta R.T. 0.001 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

Tgt Ion:153 Resp: 41
Ion Ratio Lower Upper
153 100
152 93.5 39.7 59.5#
154 89.6 70.9 106.3

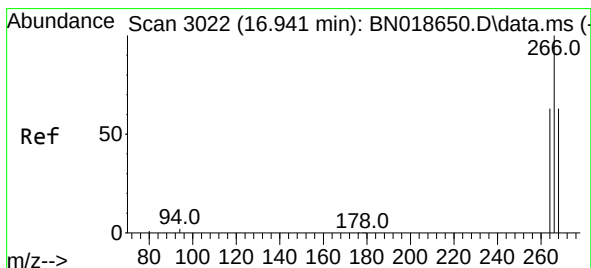
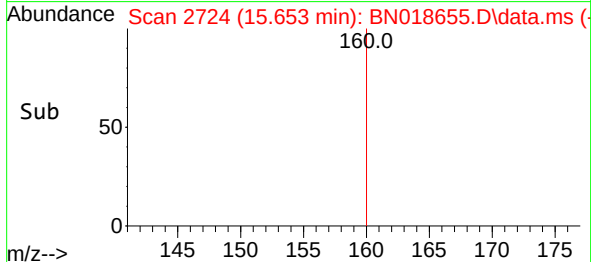
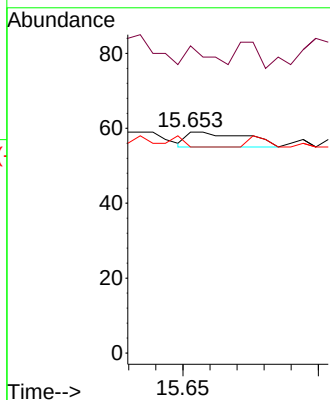
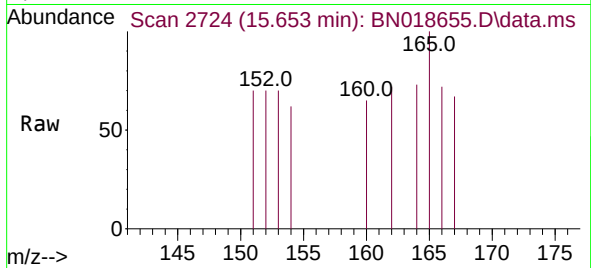




#12
Fluorene
Concen: 0.000 ng/ul
RT: 15.653 min Scan# 21
Delta R.T. 0.056 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

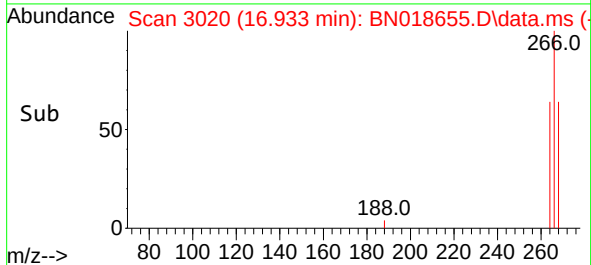
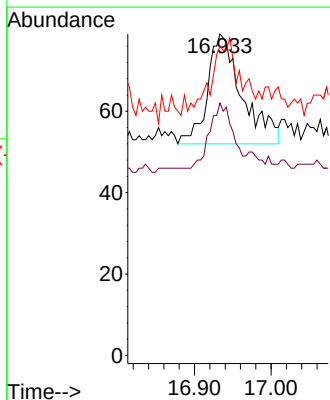
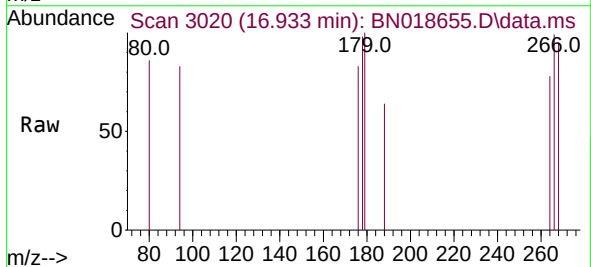
Instrument :
BNA_N
ClientSampleId :
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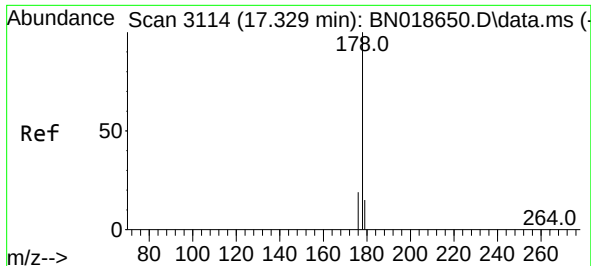
Tgt Ion:166 Resp: 6
Ion Ratio Lower Upper
166 100
165 139.0 77.8 116.6#
167 93.2 11.6 17.4#



#14
Pentachlorophenol
Concen: 0.020 ng/ul
RT: 16.933 min Scan# 3020
Delta R.T. -0.008 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

Tgt Ion:266 Resp: 85
Ion Ratio Lower Upper
266 100
264 40.0 49.9 74.9#
268 51.8 51.7 77.5

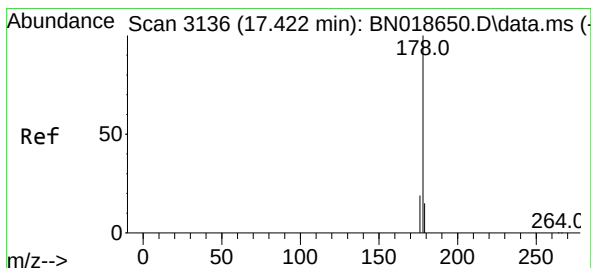
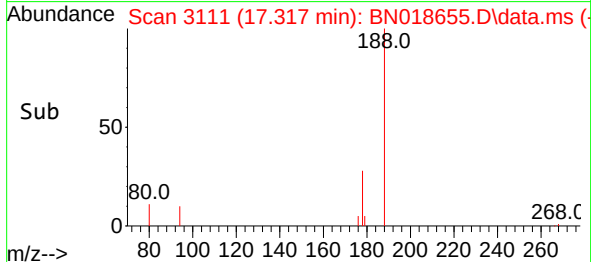
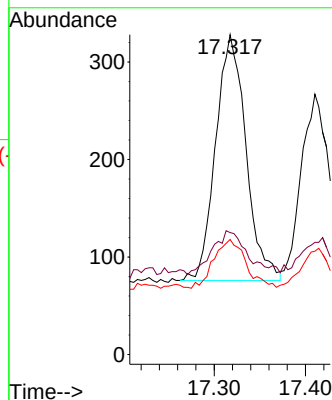
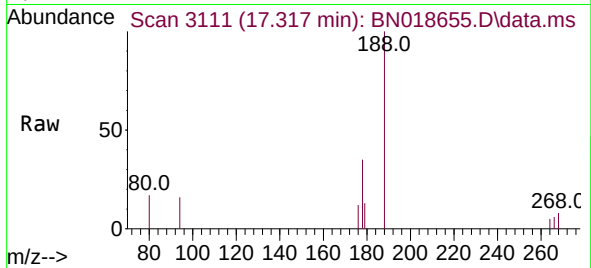




#15
Phenanthrene
Concen: 0.009 ng/u1
RT: 17.317 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

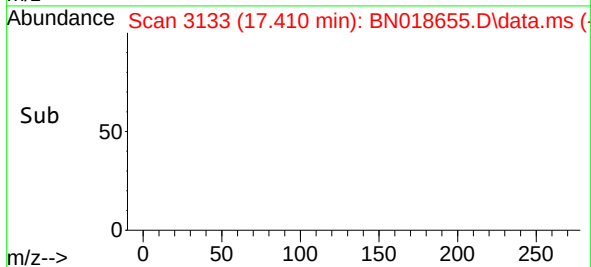
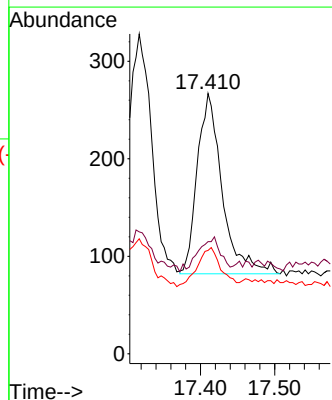
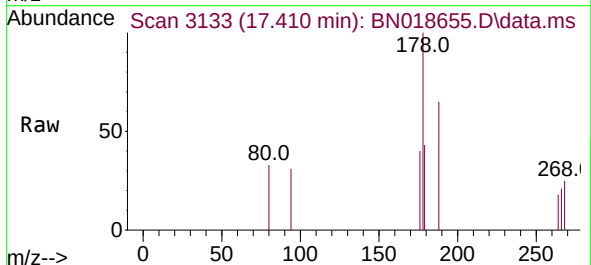
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ClientSampleId :
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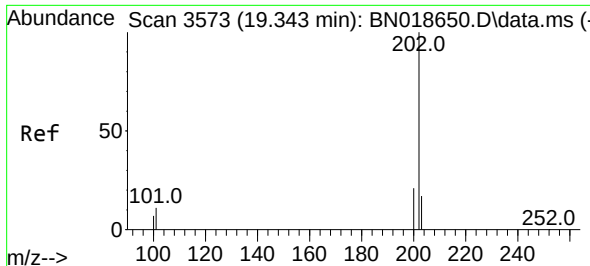
Tgt Ion:178 Resp: 579
Ion Ratio Lower Upper
178 100
179 38.1 12.2 18.4#
176 36.0 15.4 23.2#



#16
Anthracene
Concen: 0.007 ng/u1
RT: 17.410 min Scan# 3133
Delta R.T. -0.012 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

Tgt Ion:178 Resp: 433
Ion Ratio Lower Upper
178 100
179 43.1 12.3 18.5#
176 39.7 15.5 23.3#

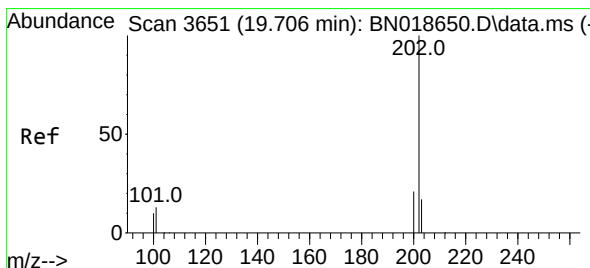
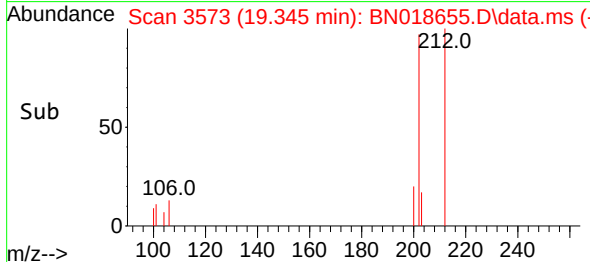
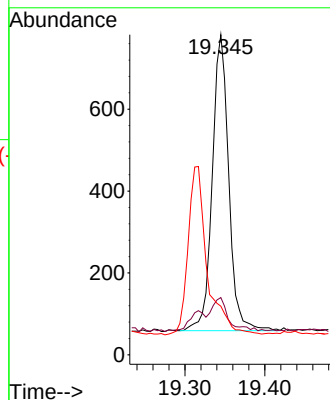
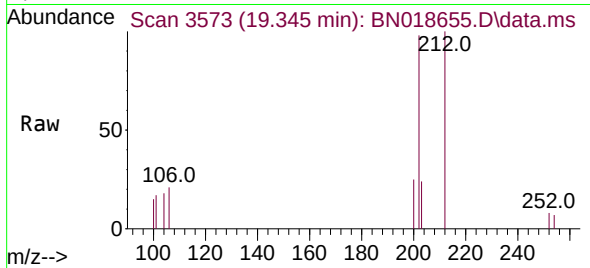




#19
Fluoranthene
Concen: 0.016 ng/ul
RT: 19.345 min Scan# 3573
Delta R.T. 0.001 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

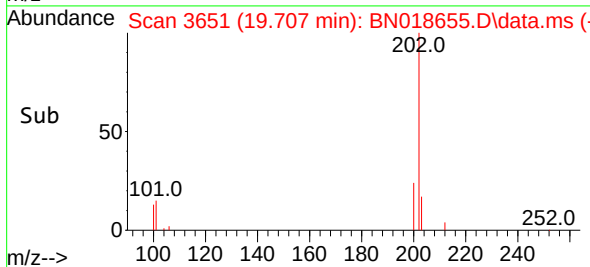
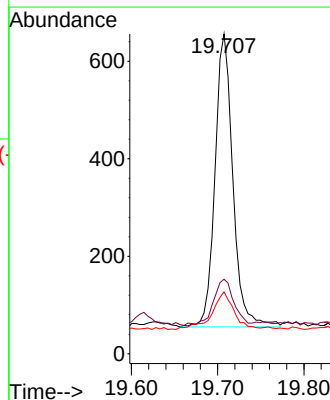
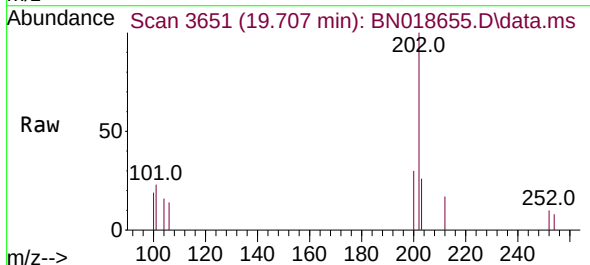
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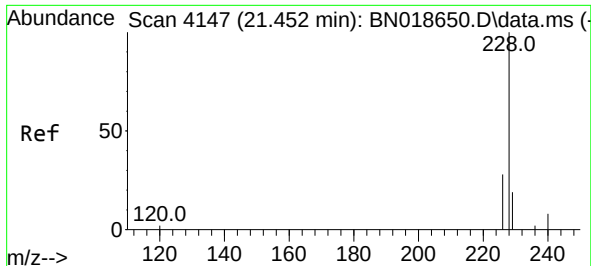
Tgt Ion:202 Resp: 1036
Ion Ratio Lower Upper
202 100
101 17.9 7.5 11.3#
100 15.2 5.4 8.2#



#20
Pyrene
Concen: 0.013 ng/ul
RT: 19.707 min Scan# 3651
Delta R.T. 0.001 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

Tgt Ion:202 Resp: 871
Ion Ratio Lower Upper
202 100
101 23.3 9.0 13.4#
100 19.4 7.0 10.4#

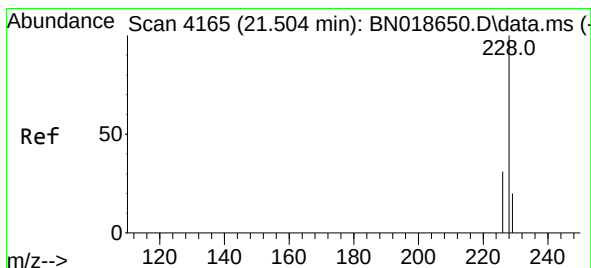
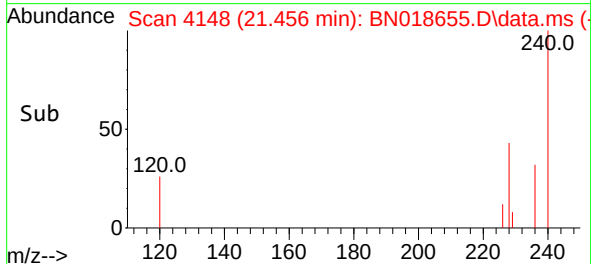
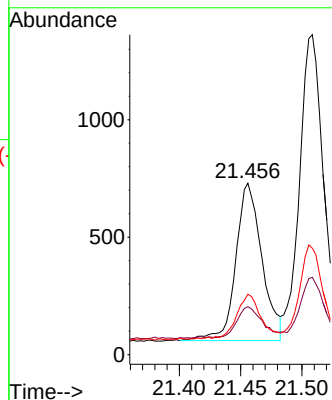
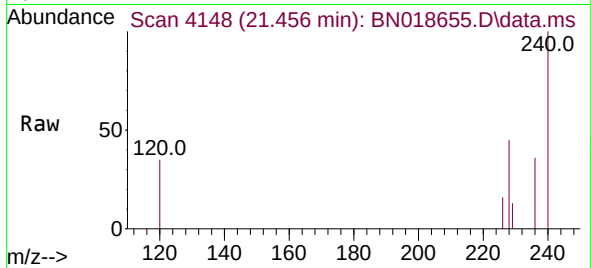




#21
Benzo(a)anthracene
Concen: 0.017 ng/ul
RT: 21.456 min Scan# 4147
Delta R.T. 0.004 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

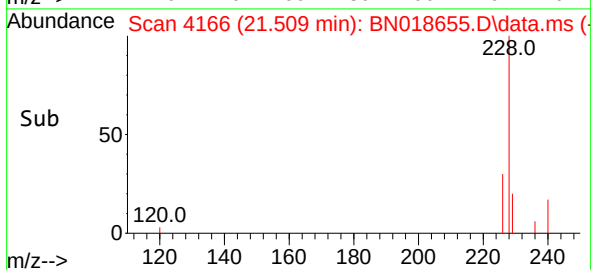
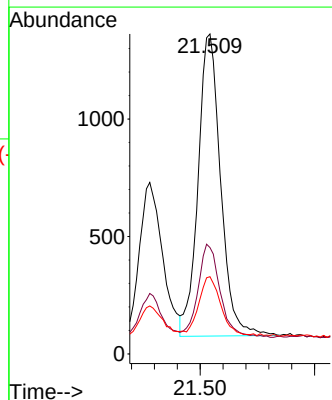
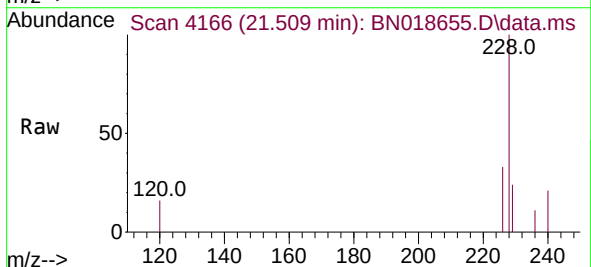
Instrument :
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ClientSampleId :
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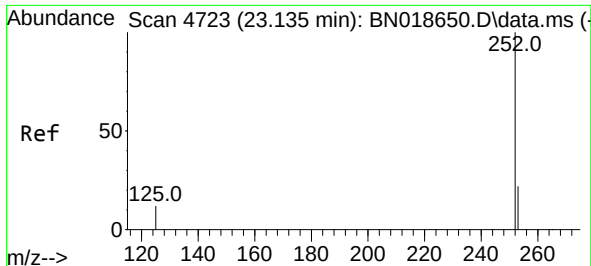
Tgt Ion:228 Resp: 995
Ion Ratio Lower Upper
228 100
229 27.9 15.6 23.4#
226 35.2 22.1 33.1#



#22
Chrysene
Concen: 0.029 ng/ul
RT: 21.509 min Scan# 4166
Delta R.T. 0.004 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

Tgt Ion:228 Resp: 1762
Ion Ratio Lower Upper
228 100
226 33.3 24.2 36.4
229 24.2 15.7 23.5#

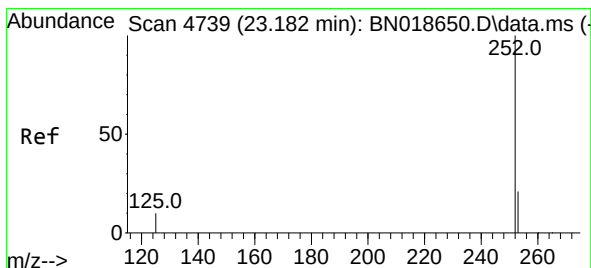
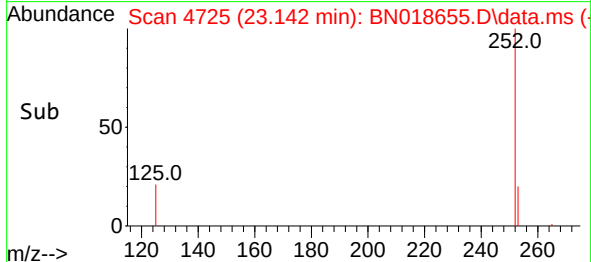
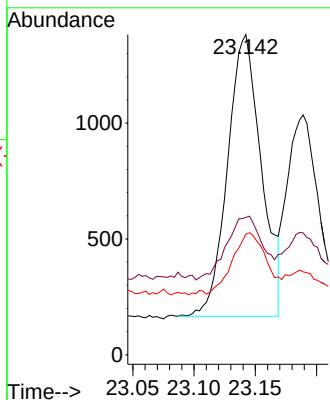
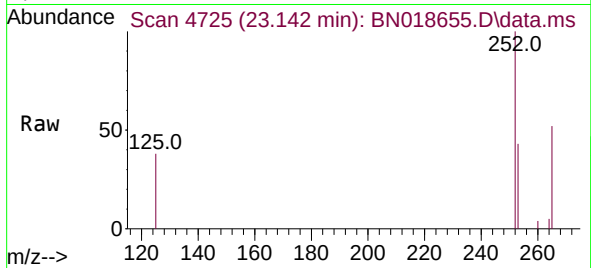




#24
Benzo(b)fluoranthene
Concen: 0.040 ng/ul
RT: 23.142 min Scan# 4725
Delta R.T. 0.007 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

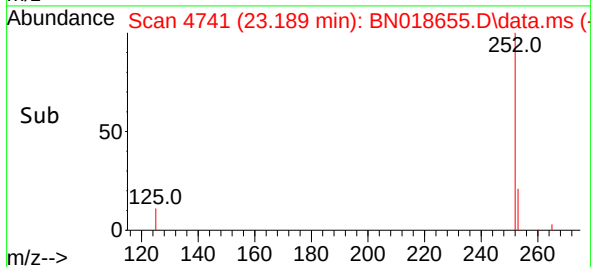
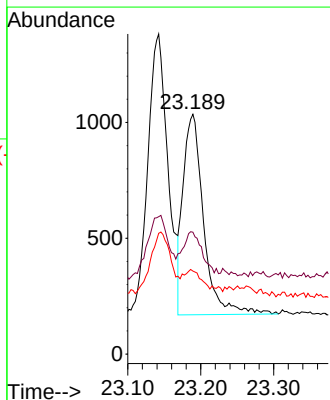
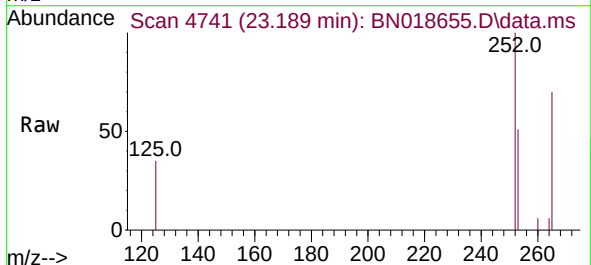
Instrument :
BNA_N
ClientSampleId :
SP5823

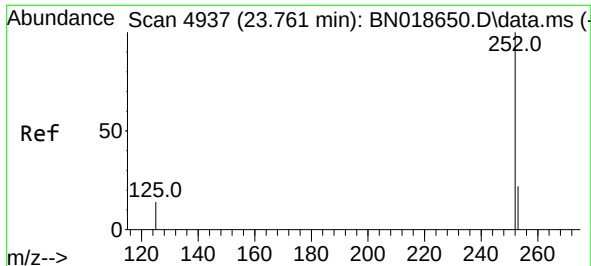
Tgt Ion:252 Resp: 2342
Ion Ratio Lower Upper
252 100
253 42.9 0.0 46.4
125 37.7 0.0 17.8#



#25
Benzo(k)fluoranthene
Concen: 0.029 ng/ul
RT: 23.189 min Scan# 4741
Delta R.T. 0.007 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

Tgt Ion:252 Resp: 1692
Ion Ratio Lower Upper
252 100
253 50.8 18.6 28.0#
125 34.6 7.3 10.9#

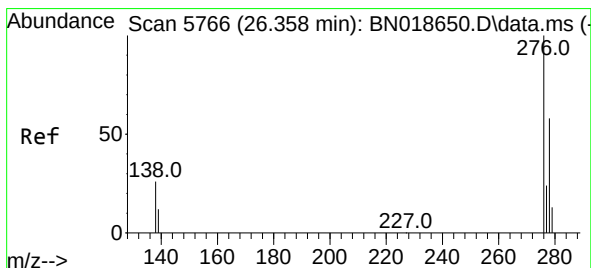
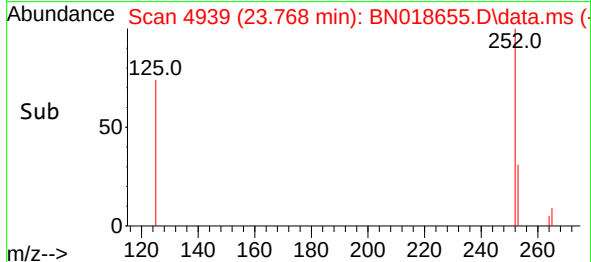
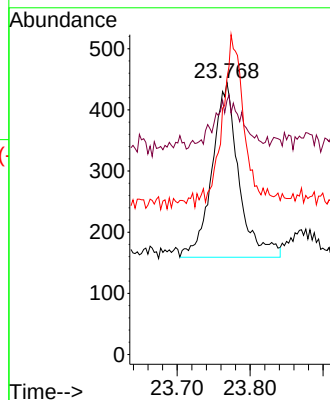
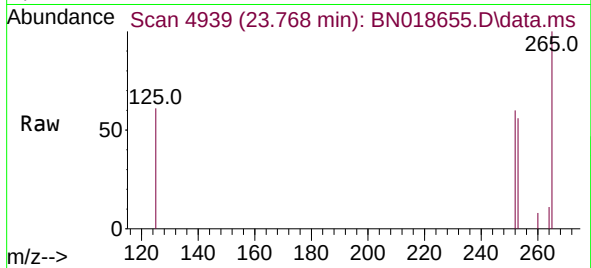




#26
Benzo(a)pyrene
Concen: 0.014 ng/ul
RT: 23.768 min Scan# 4939
Delta R.T. 0.007 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

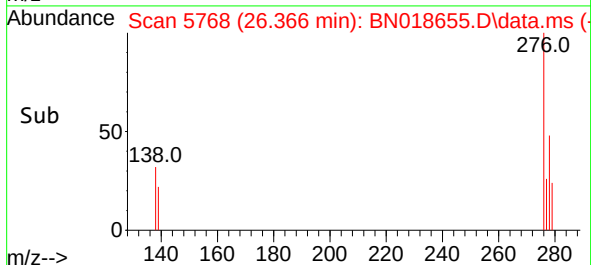
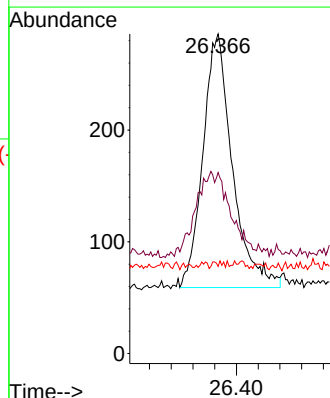
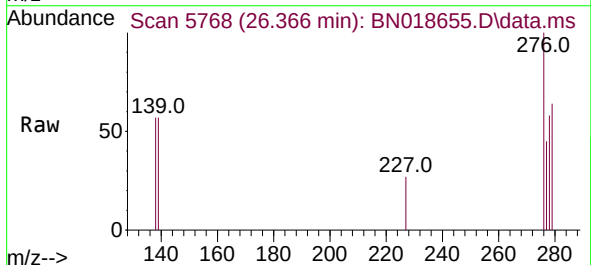
Instrument :
BNA_N
ClientSampleId :
SP5823

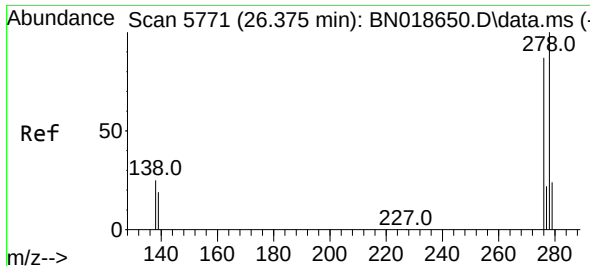
Tgt Ion:252 Resp: 728
Ion Ratio Lower Upper
252 100
253 93.3 18.9 28.3#
125 101.3 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.013 ng/ul
RT: 26.366 min Scan# 5768
Delta R.T. 0.009 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

Tgt Ion:276 Resp: 854
Ion Ratio Lower Upper
276 100
138 0.0 16.5 24.7#
227 0.4 0.1 0.1#

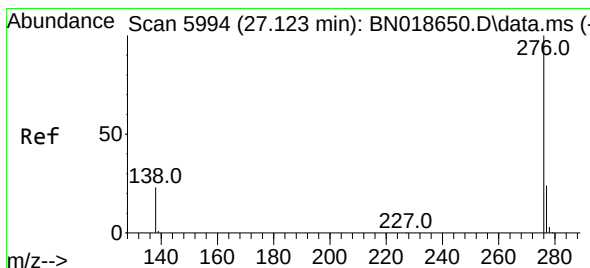
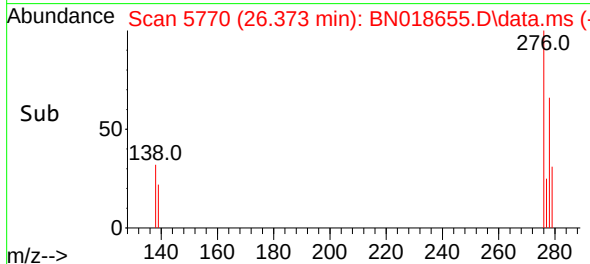
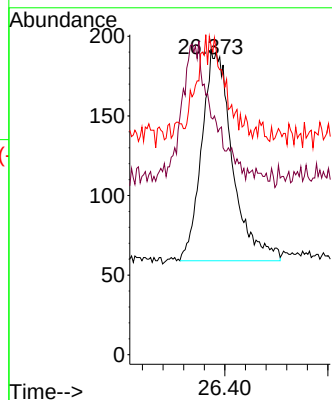
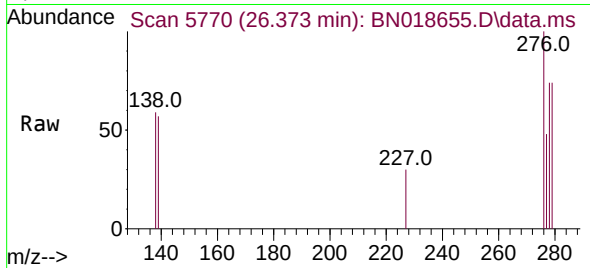




#28
Dibenzo(a,h)anthracene
Concen: 0.011 ng/ul
RT: 26.373 min Scan# 51
Delta R.T. -0.002 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

Instrument :
BNA_N
ClientSampleId :
SP5823

Tgt Ion:278 Resp: 550
Ion Ratio Lower Upper
278 100
139 77.6 11.9 17.9#
279 101.0 19.5 29.3#



#29
Benzo(g,h,i)perylene
Concen: 0.016 ng/ul
RT: 27.128 min Scan# 5995
Delta R.T. 0.005 min
Lab File: BN018655.D
Acq: 18 Feb 2022 16:24

Tgt Ion:276 Resp: 910
Ion Ratio Lower Upper
276 100
138 46.6 14.4 21.6#
277 42.1 19.2 28.8#

