

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110321\
 Data File : BN017286.D
 Acq On : 03 Nov 2021 21:57
 Operator : CG/JU
 Sample : PB140309BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

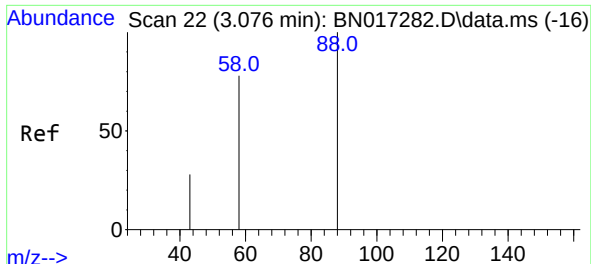
Instrument :
 BNA_N
 ClientSampleId :
 SLCS309

Quant Time: Nov 08 01:06:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 10:42:03 2021
 Response via : Initial Calibration

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

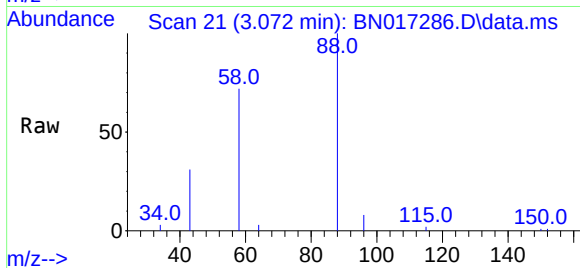
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.515	152	4276	0.400	ng/ul	0.00
4) Naphthalene-d8	10.289	136	16654	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.171	164	9720	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.928	188	21065	0.400	ng/ul	0.00
17) Chrysene-d12	21.136	240	20021	0.400	ng/ul	0.00
23) Perylene-d12	23.334	264	18052	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	3231	0.680	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152	8513	0.350	ng/ul	0.00
18) Fluoranthene-d10	18.967	212	20606	0.393	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.072	88	8504	1.665	ng/ul#	78
5) Naphthalene	10.333	128	16201	0.351	ng/ul	100
7) 2-Methylnaphthalene	11.967	142	10719	0.336	ng/ul	99
8) 1-Methylnaphthalene	12.187	142	10723	0.328	ng/ul	100
10) Acenaphthylene	13.884	152	13106	0.341	ng/ul	100
11) Acenaphthene	14.231	153	12299	0.365	ng/ul	100
12) Fluorene	15.230	166	13733	0.349	ng/ul	98
14) Pentachlorophenol	16.586	266	1951	0.411	ng/ul	99
15) Phenanthrene	16.966	178	23755	0.355	ng/ul	100
16) Anthracene	17.059	178	19110	0.345	ng/ul	100
19) Fluoranthene	18.995	202	27156	0.379	ng/ul	99
20) Pyrene	19.357	202	27820	0.379	ng/ul	97
21) Benzo(a)anthracene	21.121	228	21001	0.320	ng/ul	99
22) Chrysene	21.174	228	28076	0.378	ng/ul	99
24) Benzo(b)fluoranthene	22.676	252	25848	0.384	ng/ul	99
25) Benzo(k)fluoranthene	22.720	252	30801	0.404	ng/ul	99
26) Benzo(a)pyrene	23.234	252	21704	0.360	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.539	276	28587	0.334	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.566	278	22485	0.332	ng/ul	98
29) Benzo(g,h,i)perylene	26.207	276	24407	0.337	ng/ul	99

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

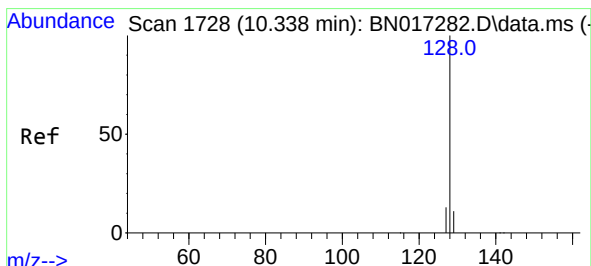
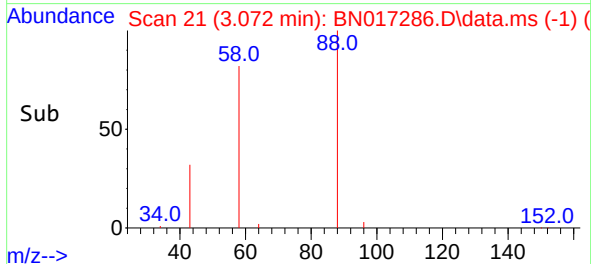
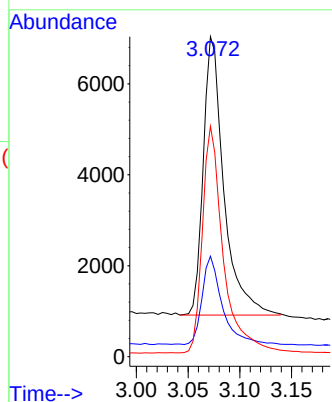


#2
1,4-Dioxane
Concen: 1.665 ng/ul
RT: 3.072 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

Instrument :
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ClientSampleId :
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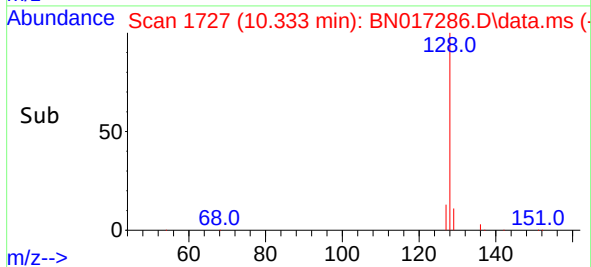
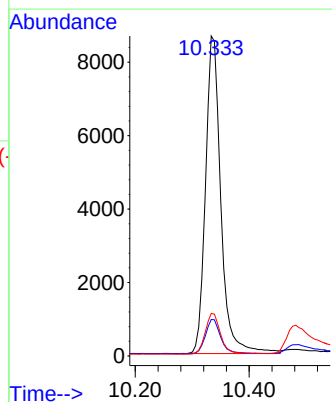
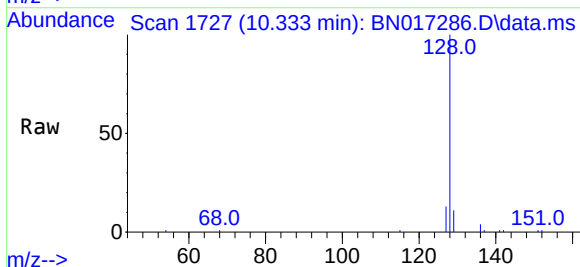


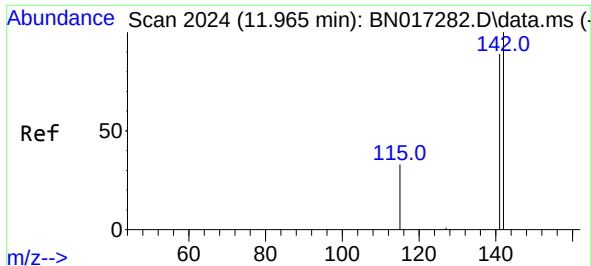
Tgt Ion: 88 Resp: 8504
Ion Ratio Lower Upper
88 100
43 31.4 31.8 47.6#
58 72.0 41.9 62.9#



#5
Naphthalene
Concen: 0.351 ng/ul
RT: 10.333 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

Tgt Ion: 128 Resp: 16201
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.3 10.8 16.2

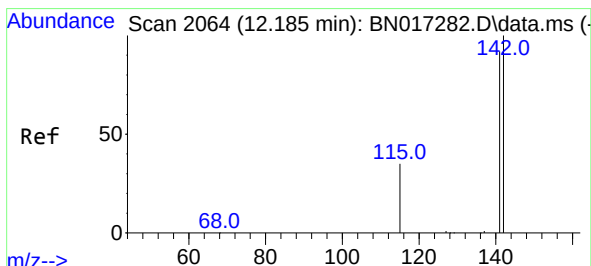
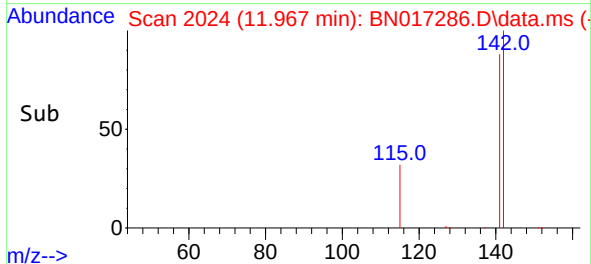
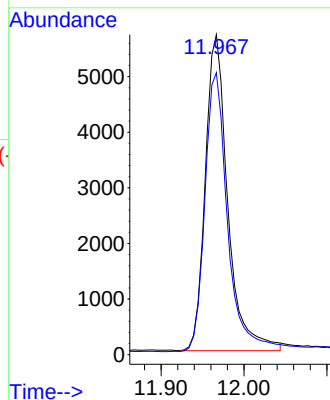
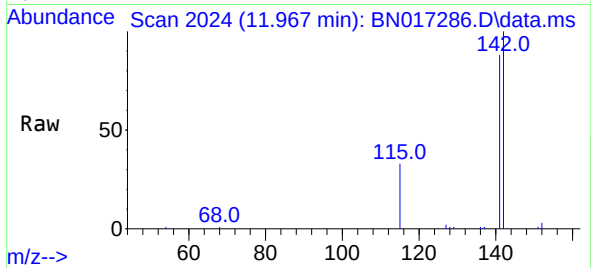




#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 11.967 min Scan# 2024
Delta R.T. 0.005 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

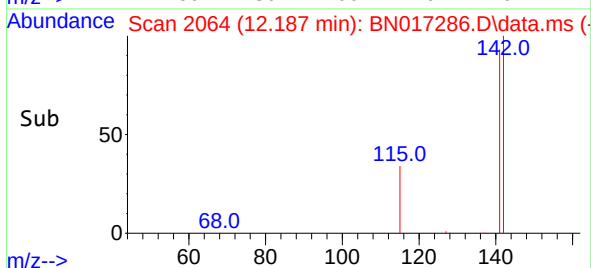
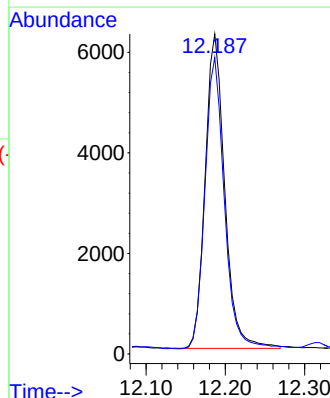
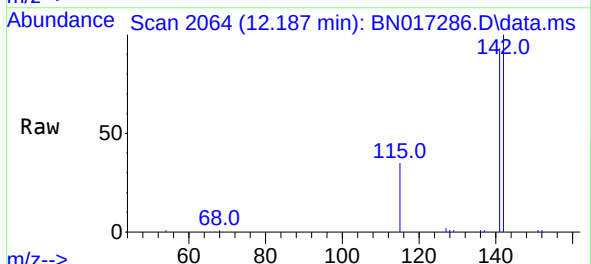
Instrument :
BNA_N
ClientSampleId :
SLCS309

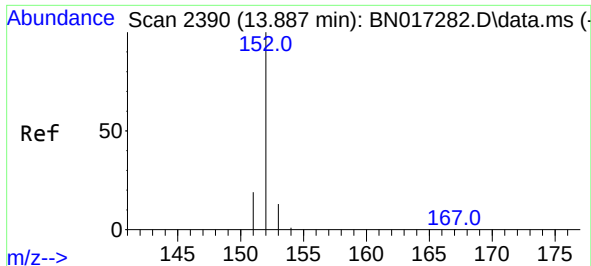
Tgt Ion:142 Resp: 10719
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.187 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

Tgt Ion:142 Resp: 10723
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.8

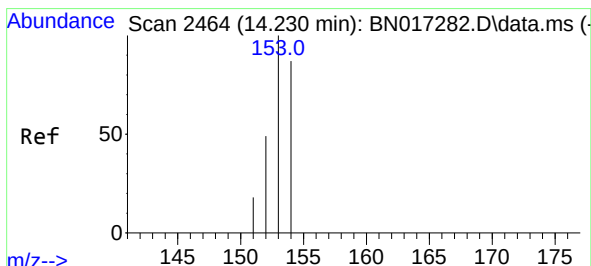
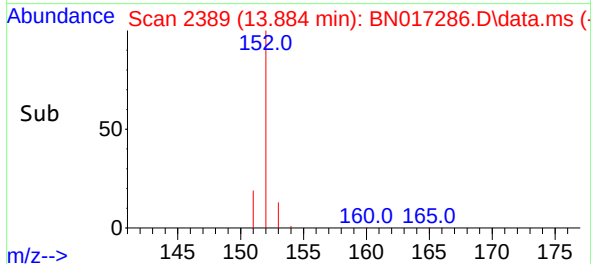
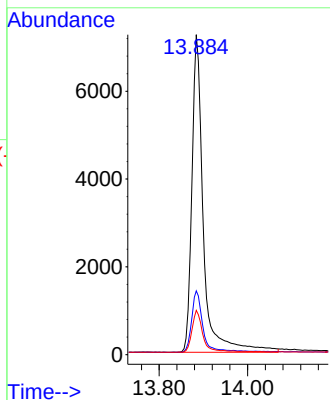
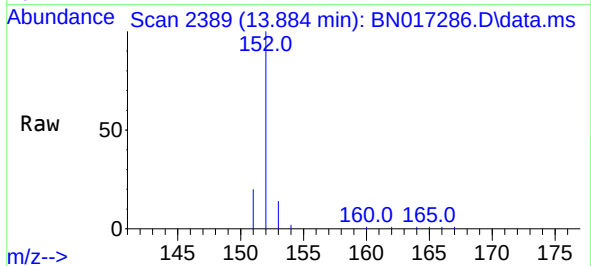




#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 13.884 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

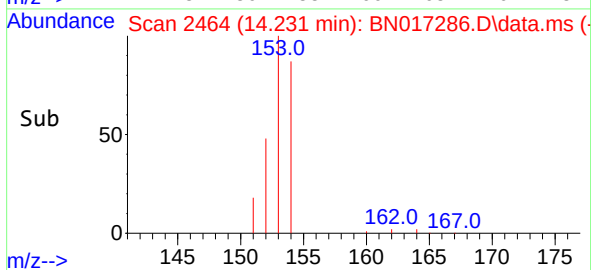
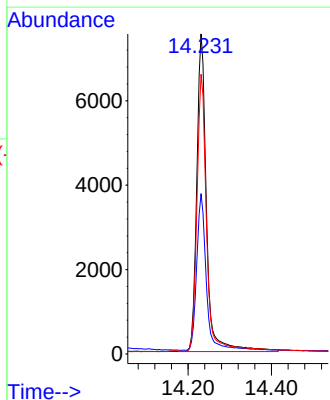
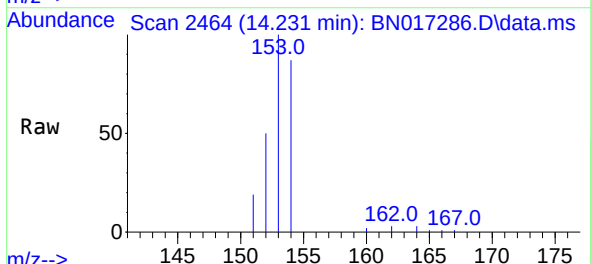
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BNA_N
ClientSampleId :
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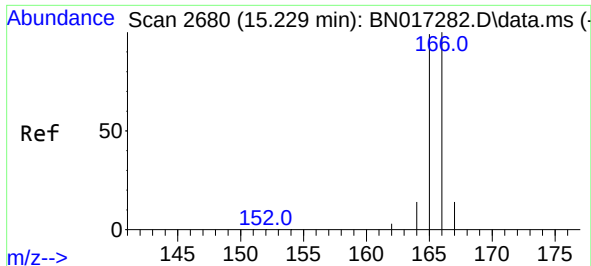
Tgt Ion:152 Resp: 13106
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.9 10.8 16.2



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.231 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

Tgt Ion:153 Resp: 12299
Ion Ratio Lower Upper
153 100
152 50.1 39.5 59.3
154 87.4 70.0 105.0

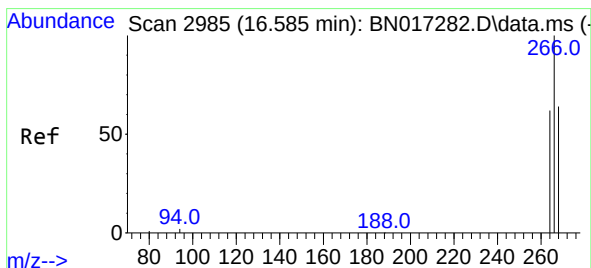
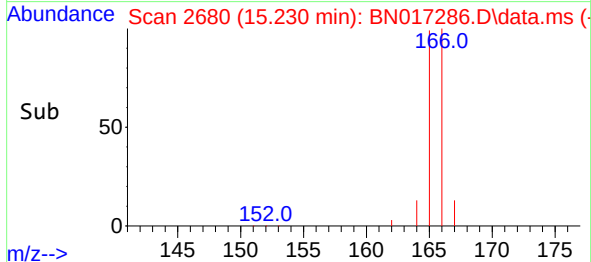
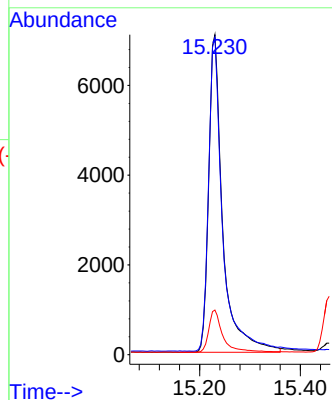
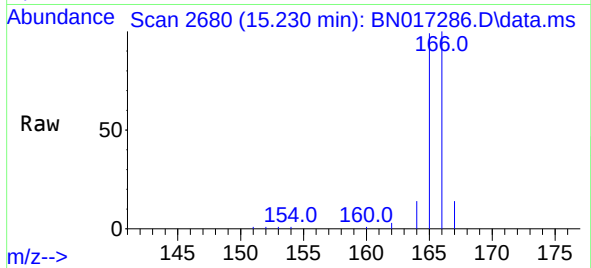




#12
Fluorene
Concen: 0.349 ng/ul
RT: 15.230 min Scan# 2680
Delta R.T. 0.005 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

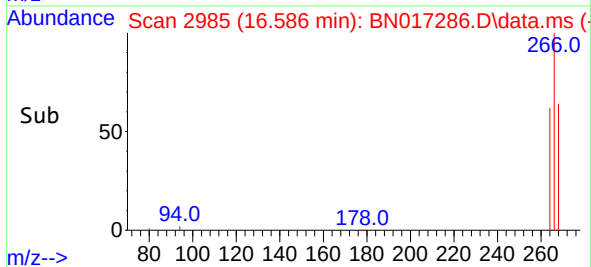
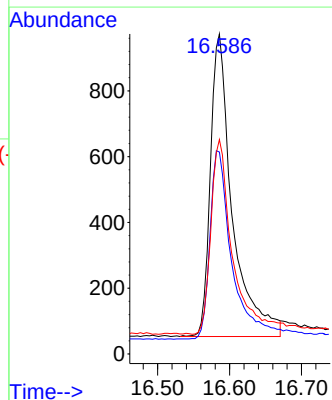
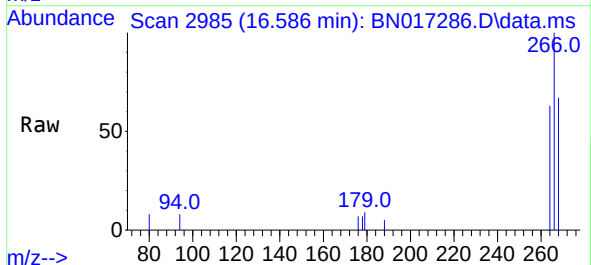
Instrument :
BNA_N
ClientSampleId :
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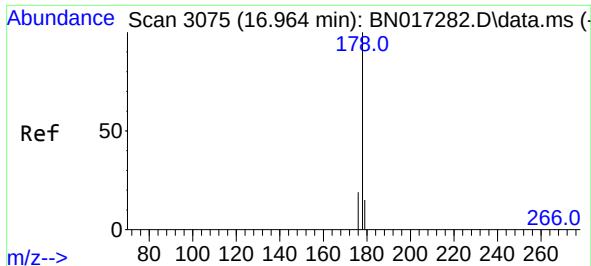
Tgt Ion:166 Resp: 13733
Ion Ratio Lower Upper
166 100
165 99.1 77.7 116.5
167 13.9 11.1 16.7



#14
Pentachlorophenol
Concen: 0.411 ng/ul
RT: 16.586 min Scan# 2985
Delta R.T. 0.005 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

Tgt Ion:266 Resp: 1951
Ion Ratio Lower Upper
266 100
264 61.8 49.9 74.9
268 63.7 51.2 76.8

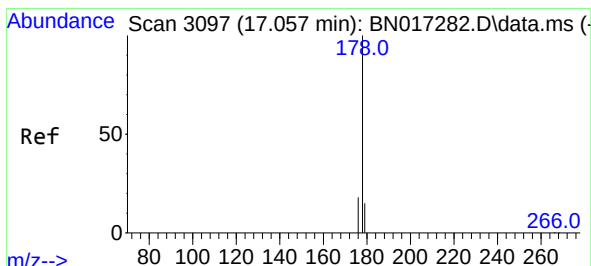
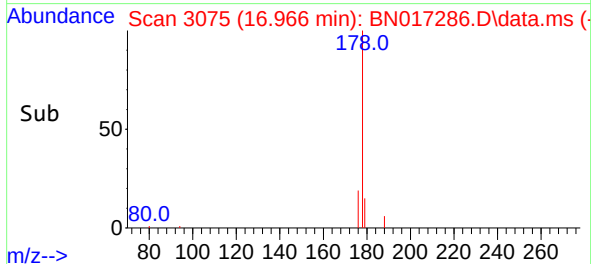
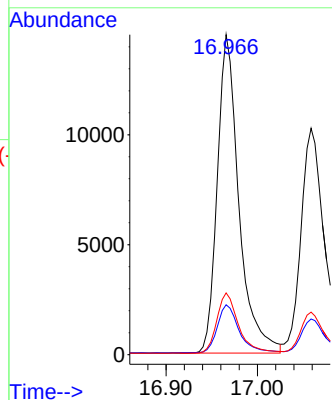
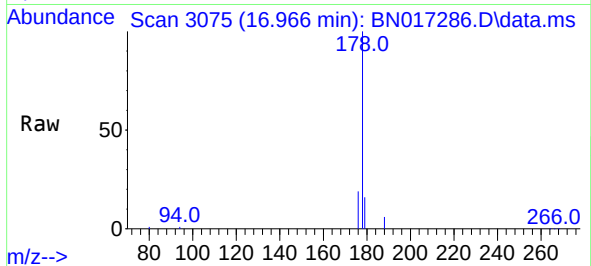




#15
Phenanthrene
Concen: 0.355 ng/u1
RT: 16.966 min Scan# 3075
Delta R.T. 0.000 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

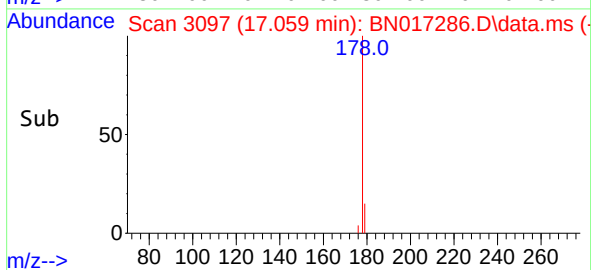
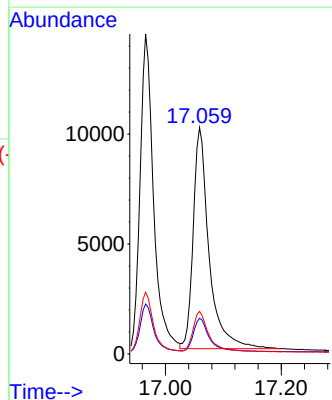
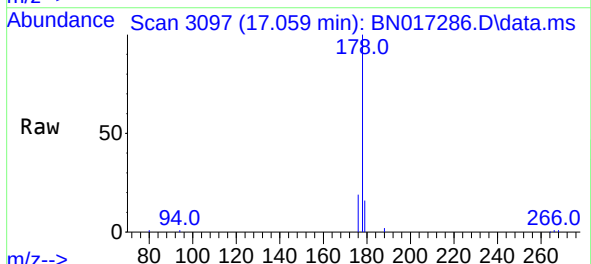
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ClientSampleId :
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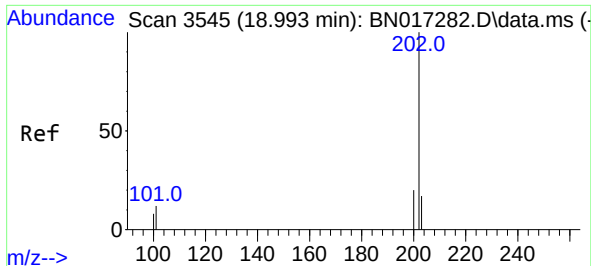
Tgt Ion:	178	Resp:	23755
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	19.0
176	19.3	15.5	23.3



#16
Anthracene
Concen: 0.345 ng/u1
RT: 17.059 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

Tgt Ion:	178	Resp:	19110
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.6	19.0
176	18.8	15.2	22.8

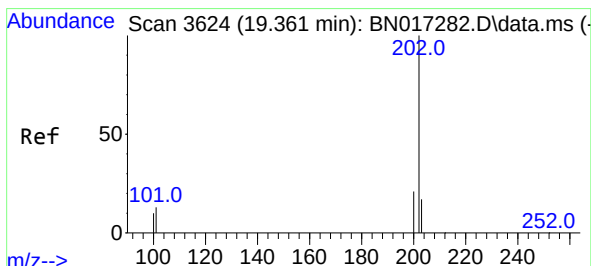
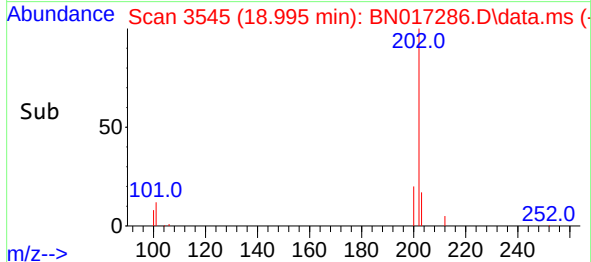
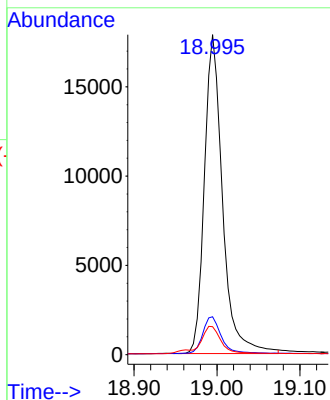
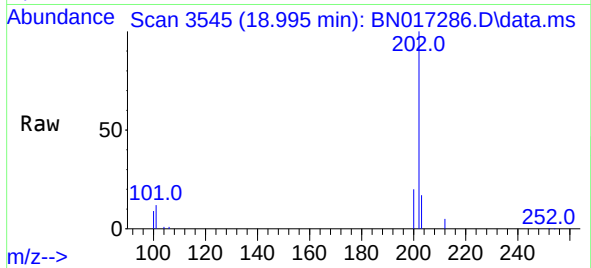




#19
Fluoranthene
Concen: 0.379 ng/u1
RT: 18.995 min Scan# 3545
Delta R.T. 0.000 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

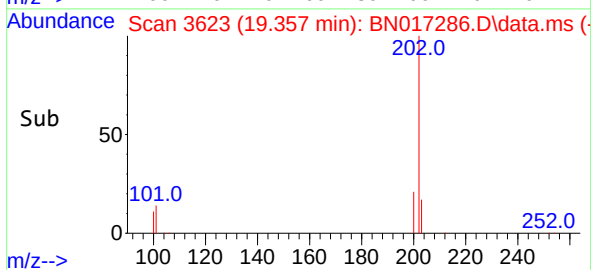
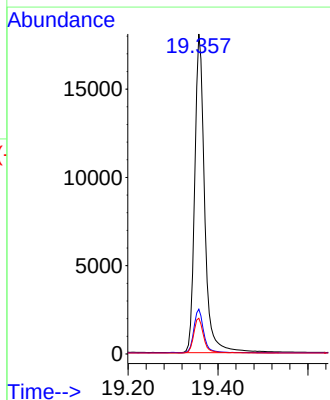
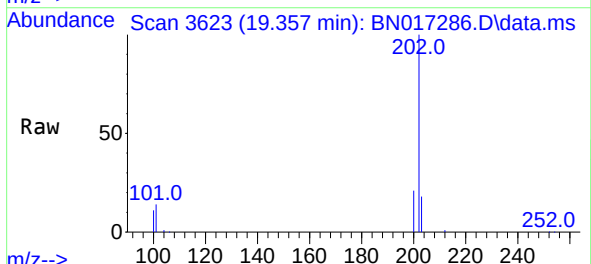
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BNA_N
ClientSampleId :
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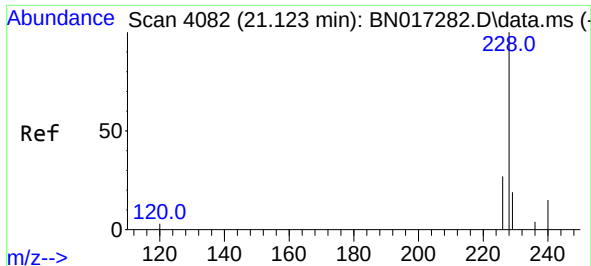
Tgt Ion:202 Resp: 27156
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 8.7 7.2 10.8



#20
Pyrene
Concen: 0.379 ng/u1
RT: 19.357 min Scan# 3623
Delta R.T. 0.000 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

Tgt Ion:202 Resp: 27820
Ion Ratio Lower Upper
202 100
101 14.0 10.3 15.5
100 11.1 8.2 12.2



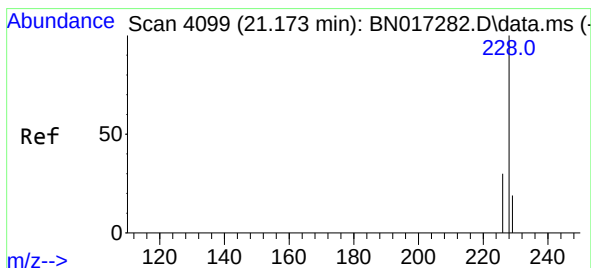
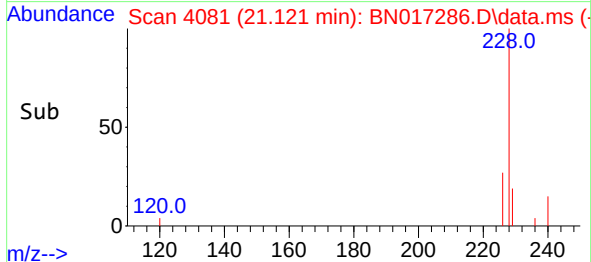
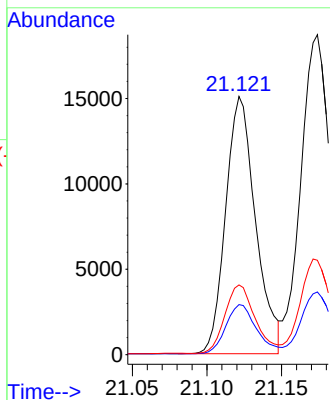
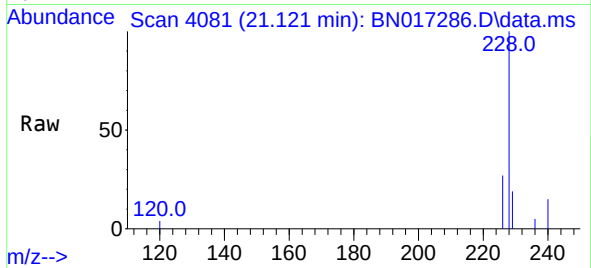


#21
Benzo(a)anthracene
Concen: 0.320 ng/ul
RT: 21.121 min Scan# 4081
Delta R.T. 0.000 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

Instrument :
BNA_N
ClientSampleId :
SLCS309

Tgt Ion:228 Resp: 21001

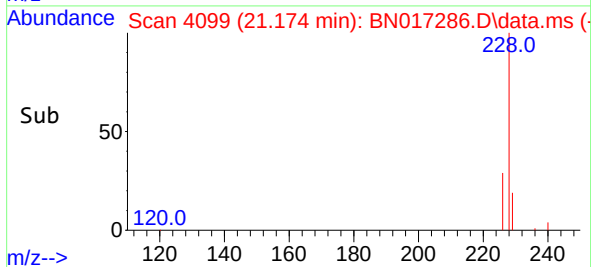
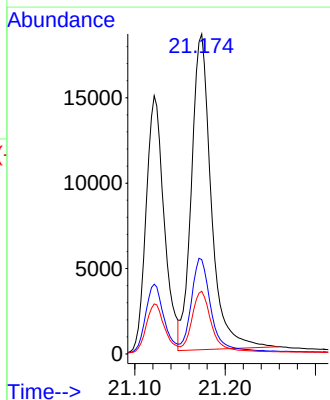
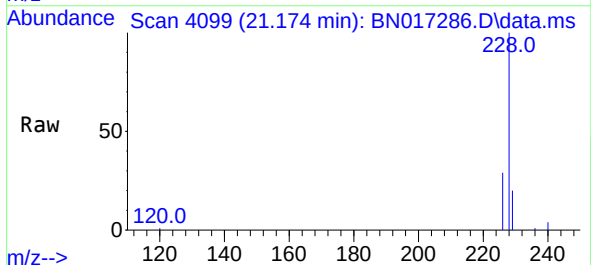
Ion	Ratio	Lower	Upper
228	100		
229	19.4	16.1	24.1
226	27.0	21.7	32.5

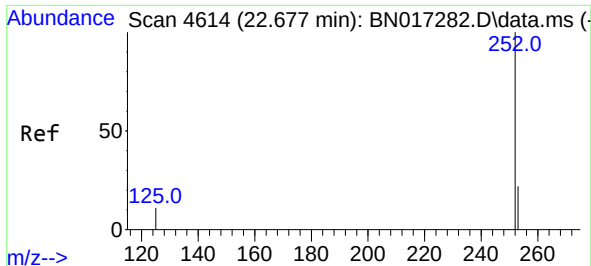


#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.174 min Scan# 4099
Delta R.T. 0.000 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

Tgt Ion:228 Resp: 28076

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	19.6	15.4	23.2

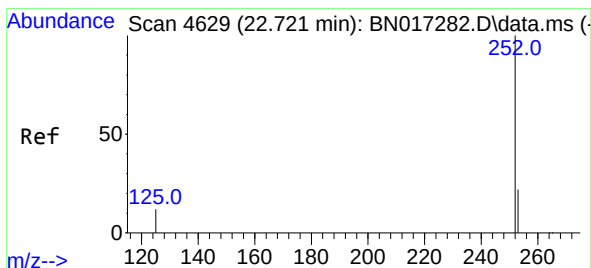
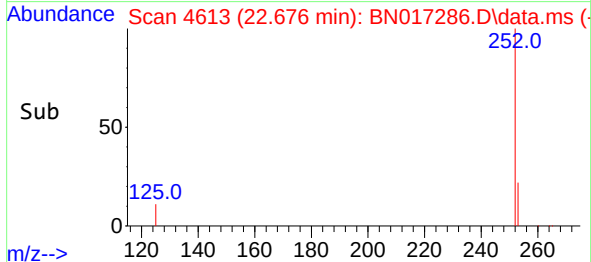
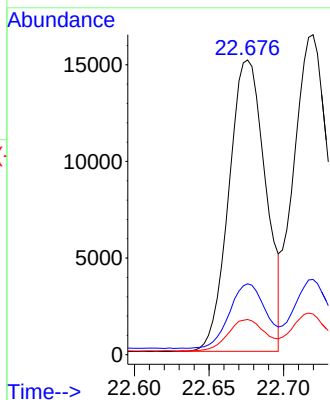
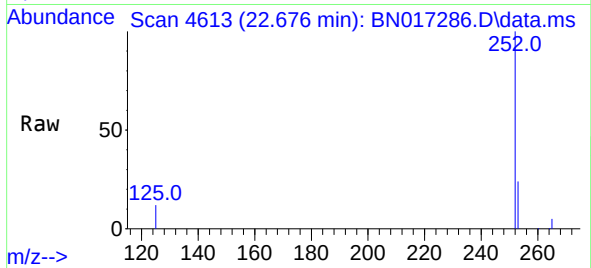




#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul
RT: 22.676 min Scan# 4613
Delta R.T. 0.000 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

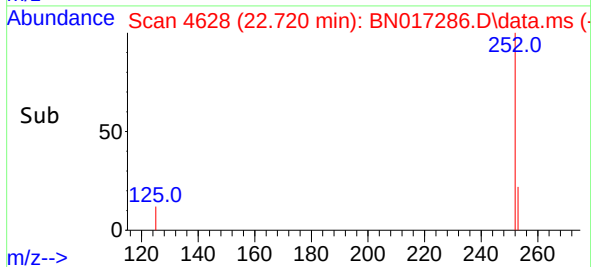
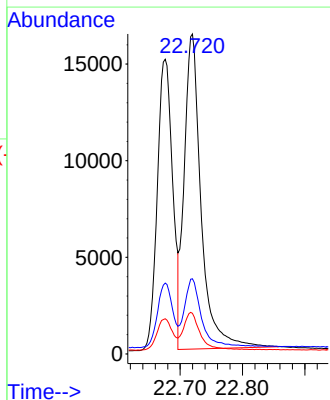
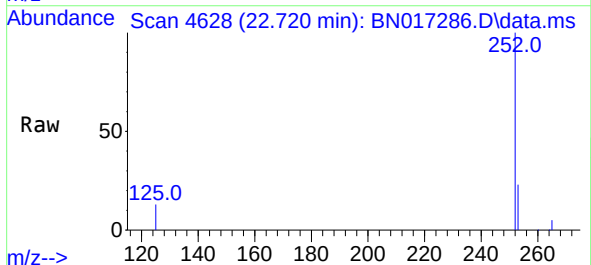
Instrument :
BNA_N
ClientSampleId :
SLCS309

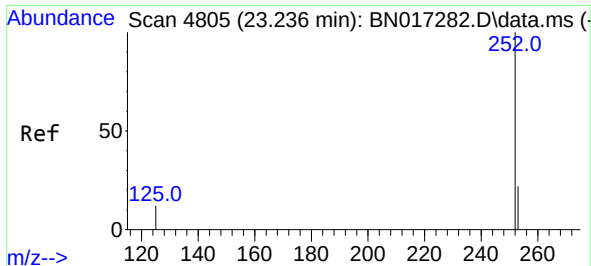
Tgt Ion:	252	Resp:	25848
Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	46.8
125	11.9	0.0	23.8



#25
Benzo(k)fluoranthene
Concen: 0.404 ng/ul
RT: 22.720 min Scan# 4628
Delta R.T. 0.000 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

Tgt Ion:	252	Resp:	30801
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	12.7	10.0	15.0

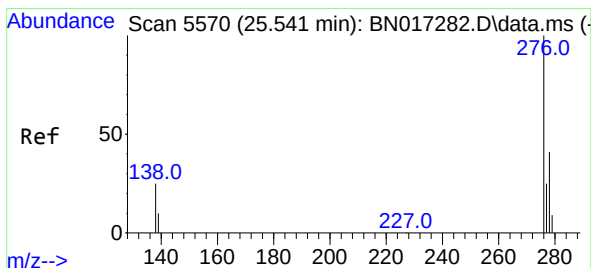
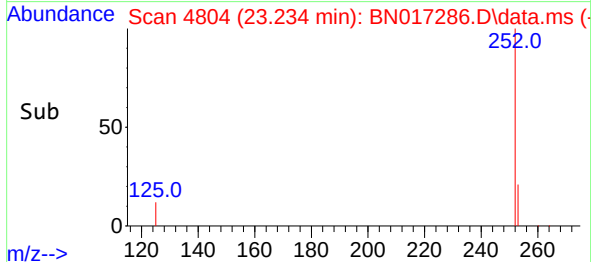
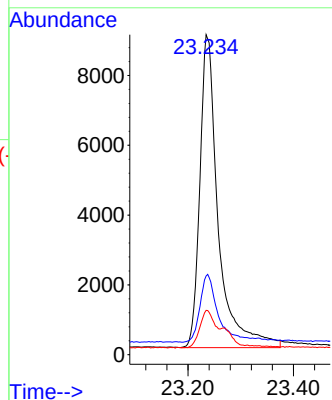
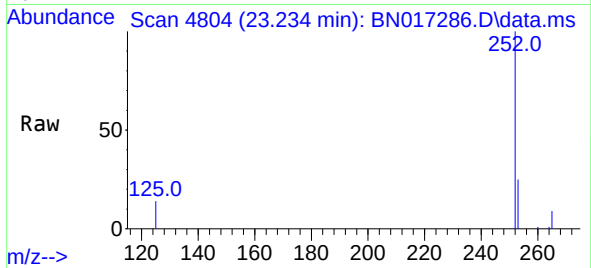




#26
Benzo(a)pyrene
Concen: 0.360 ng/ul
RT: 23.234 min Scan# 4805
Delta R.T. -0.003 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

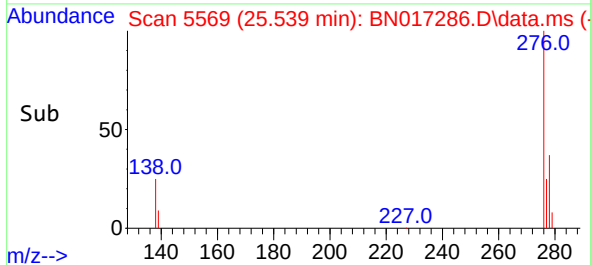
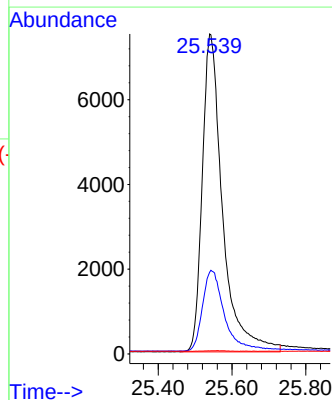
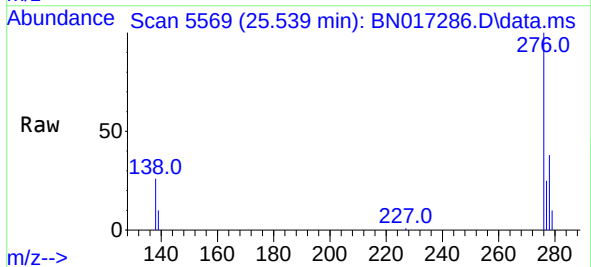
Instrument :
BNA_N
ClientSampleId :
SLCS309

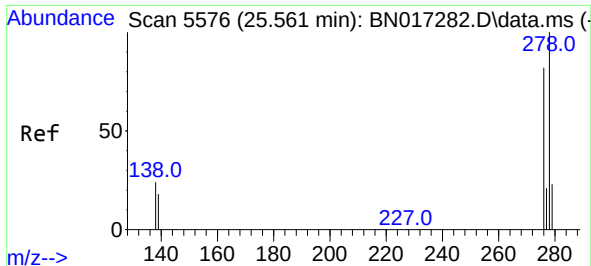
Tgt Ion:	252	Resp:	21704
Ion Ratio	Lower	Upper	
252	100		
253	24.6	19.3	28.9
125	13.8	10.8	16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng/ul
RT: 25.539 min Scan# 5569
Delta R.T. -0.003 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

Tgt Ion:	276	Resp:	28587
Ion Ratio	Lower	Upper	
276	100		
138	27.7	22.2	33.4
227	0.1	0.0	0.0

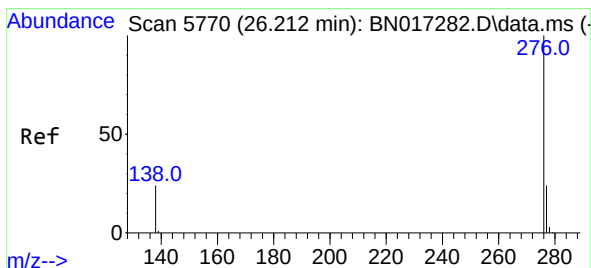
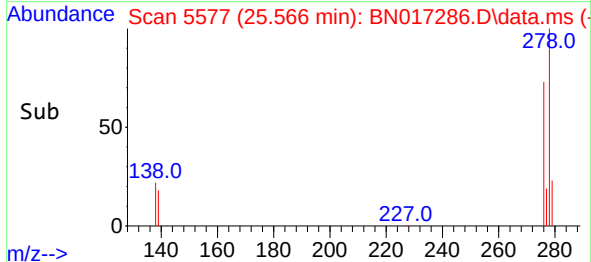
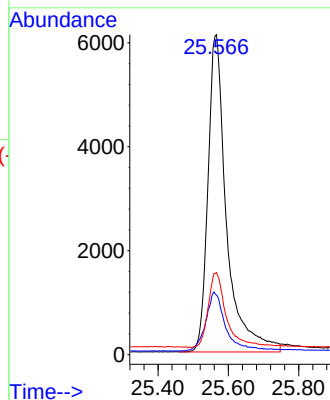
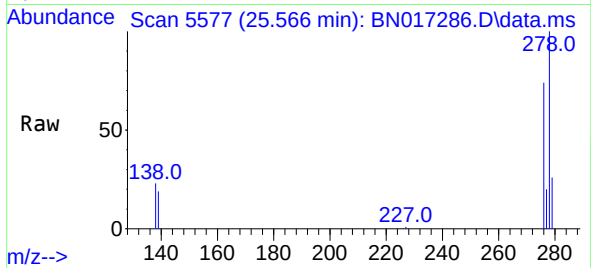




#28
Dibenzo(a,h)anthracene
Concen: 0.332 ng/ul
RT: 25.566 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

Instrument :
BNA_N
ClientSampleId :
SLCS309

Tgt Ion:	278	Resp:	22485
Ion Ratio	Lower	Upper	
278	100		
139	18.6	15.4	23.0
279	25.7	19.5	29.3



#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 26.207 min Scan# 5768
Delta R.T. -0.003 min
Lab File: BN017286.D
Acq: 03 Nov 2021 21:57

Tgt Ion:	276	Resp:	24407
Ion Ratio	Lower	Upper	
276	100		
138	24.7	19.2	28.8
277	24.2	19.0	28.6

