

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
 Data File : BN017430.D
 Acq On : 14 Nov 2021 15:59
 Operator : CG/JU
 Sample : PB140498BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

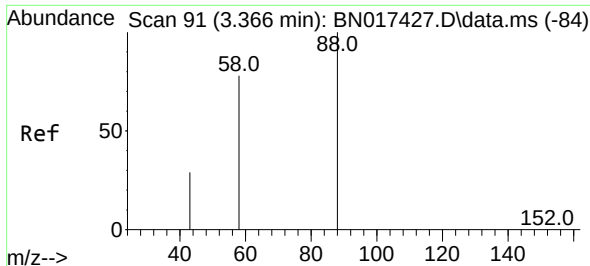
Instrument :
 BNA_N
 ClientSampleId :
 SLCS498

Quant Time: Nov 15 04:59:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 02:31:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	7719	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.663	136	27800	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.499	164	16412	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.244	188	33502	0.400	ng/ul	0.00
17) Chrysene-d12	21.428	240	22567	0.400	ng/ul	-0.01
23) Perylene-d12	23.802	264	14864	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	5287	0.624	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	14776	0.344	ng/ul	-0.01
18) Fluoranthene-d10	19.274	212	30604	0.377	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.362	88	14946	1.369	ng/ul#	47
5) Naphthalene	10.713	128	26461	0.344	ng/ul	96
7) 2-Methylnaphthalene	12.330	142	18451	0.335	ng/ul	99
8) 1-Methylnaphthalene	12.544	142	17866	0.328	ng/ul	100
10) Acenaphthylene	14.217	152	24406	0.309	ng/ul	98
11) Acenaphthene	14.564	153	19709	0.350	ng/ul	100
12) Fluorene	15.545	166	22856	0.343	ng/ul	100
14) Pentachlorophenol	16.890	266	3641	0.496	ng/ul	98
15) Phenanthrene	17.282	178	36876	0.366	ng/ul	99
16) Anthracene	17.375	178	32956	0.325	ng/ul	99
19) Fluoranthene	19.301	202	40335	0.385	ng/ul	99
20) Pyrene	19.664	202	40447	0.378	ng/ul	97
21) Benzo(a)anthracene	21.411	228	29678	0.354	ng/ul	100
22) Chrysene	21.463	228	32054	0.382	ng/ul	99
24) Benzo(b)fluoranthene	23.079	252	24474	0.403	ng/ul	93
25) Benzo(k)fluoranthene	23.126	252	26097	0.417	ng/ul	97
26) Benzo(a)pyrene	23.693	252	19347	0.381	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.257	276	17166	0.401	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.274	278	12869	0.404	ng/ul	94
29) Benzo(g,h,i)perylene	26.998	276	16603	0.424	ng/ul	95

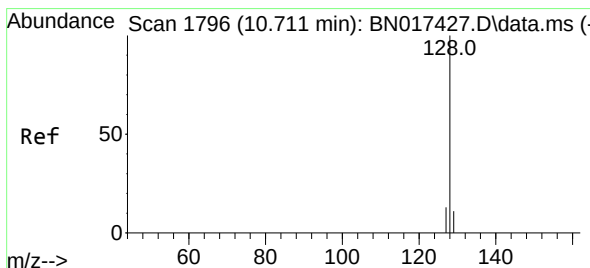
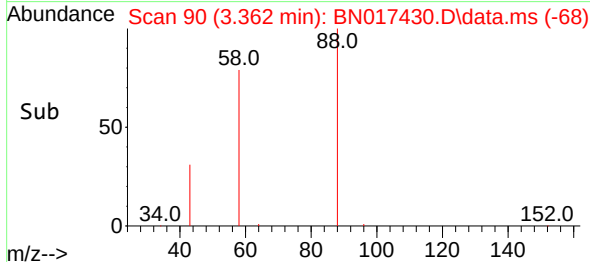
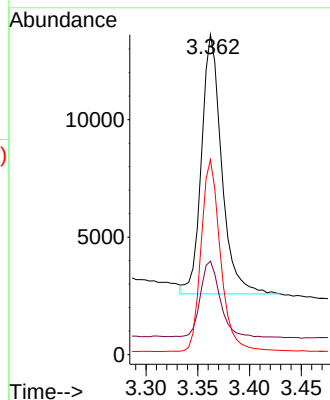
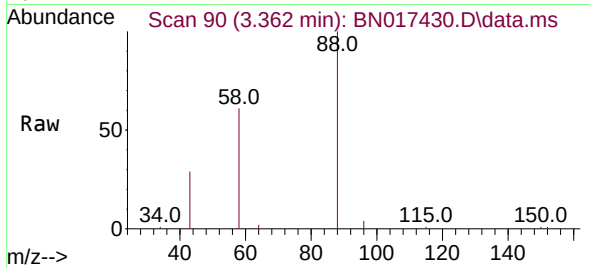
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 1.369 ng/ul
RT: 3.362 min Scan# 90
Delta R.T. -0.009 min
Lab File: BN017430.D
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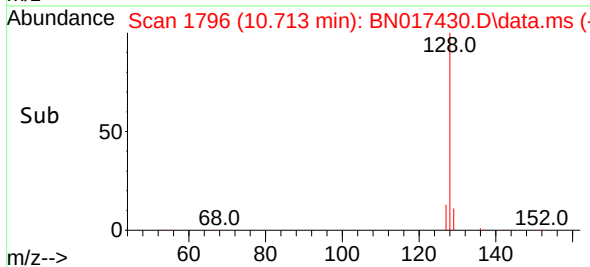
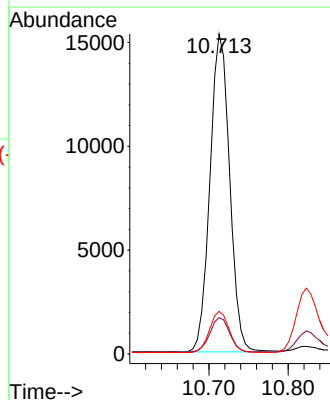
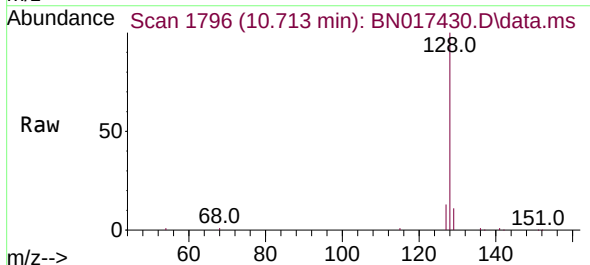
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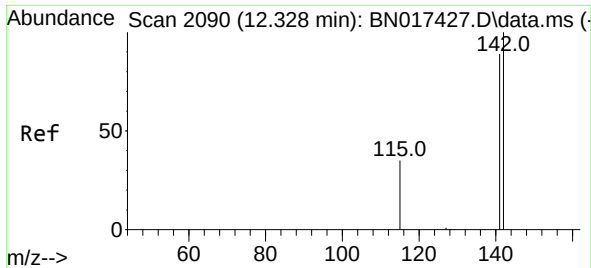
Tgt Ion: 88 Resp: 14946
Ion Ratio Lower Upper
88 100
43 29.3 85.8 128.6#
58 61.0 43.4 65.0



#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.713 min Scan# 1796
Delta R.T. -0.011 min
Lab File: BN017430.D
Acq: 14 Nov 2021 15:59

Tgt Ion: 128 Resp: 26461
Ion Ratio Lower Upper
128 100
129 11.4 10.4 15.6
127 13.3 11.8 17.6

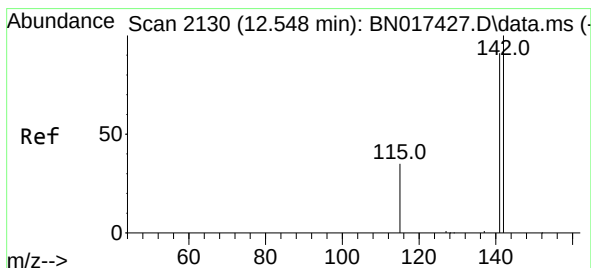
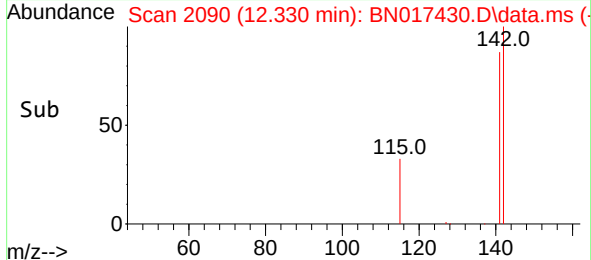
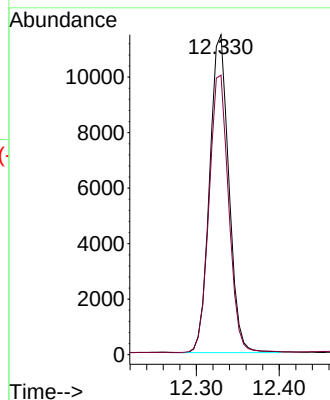
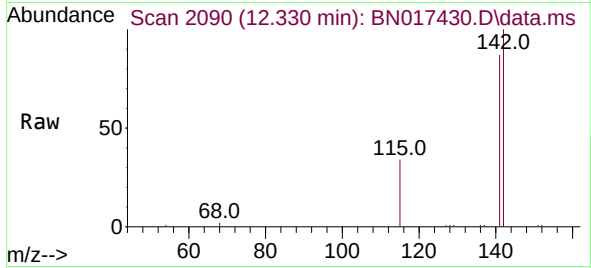




#7
2-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.330 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN017430.D
Acq: 14 Nov 2021 15:59

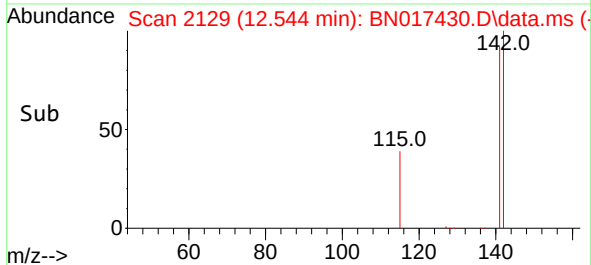
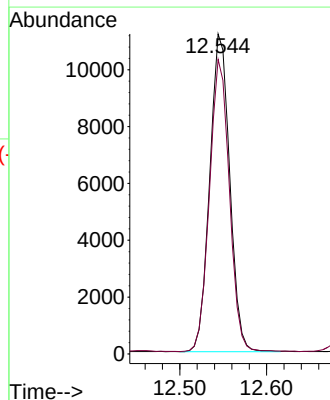
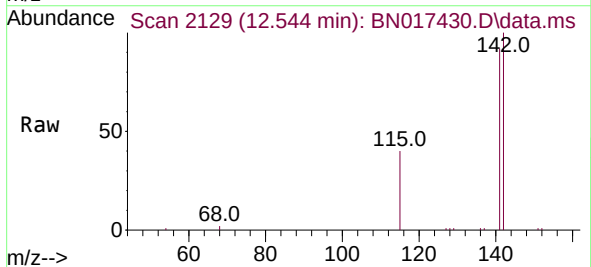
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ClientSampleId :
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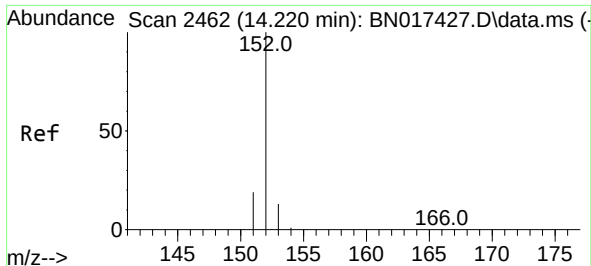
Tgt Ion:142 Resp: 18451
Ion Ratio Lower Upper
142 100
141 88.5 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.544 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BN017430.D
Acq: 14 Nov 2021 15:59

Tgt Ion:142 Resp: 17866
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9

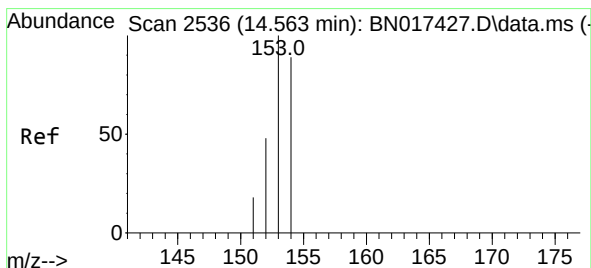
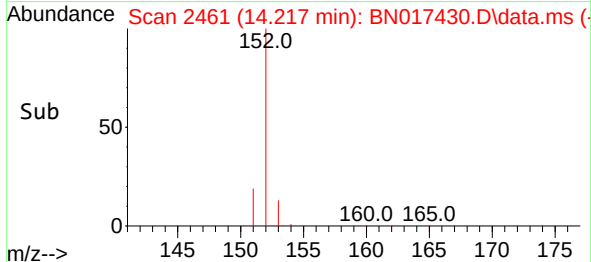
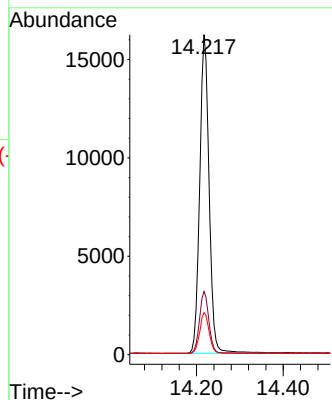
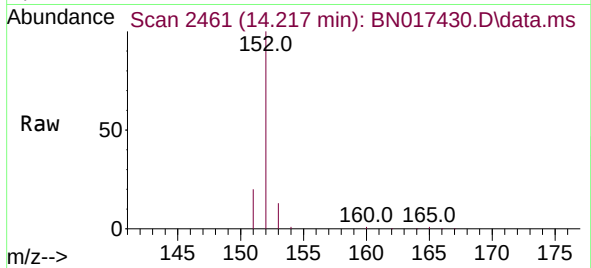




#10
Acenaphthylene
Concen: 0.309 ng/ul
RT: 14.217 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BN017430.D
Acq: 14 Nov 2021 15:59

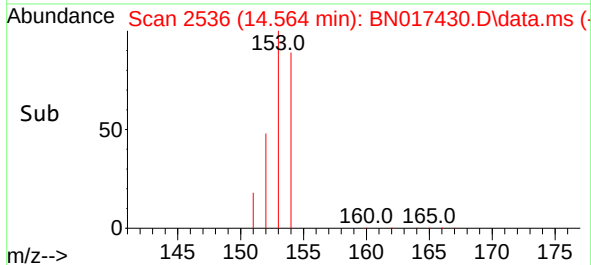
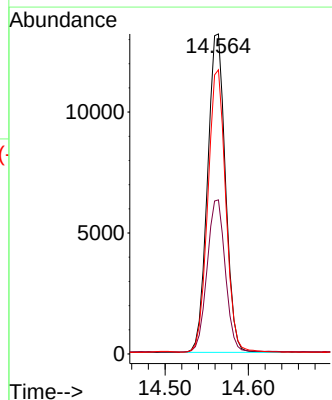
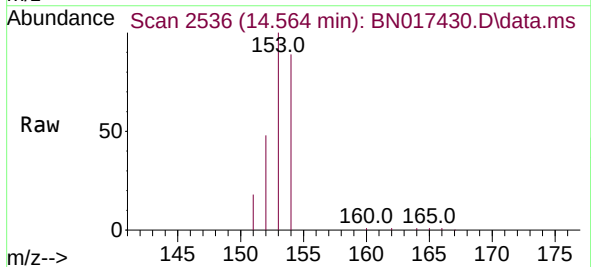
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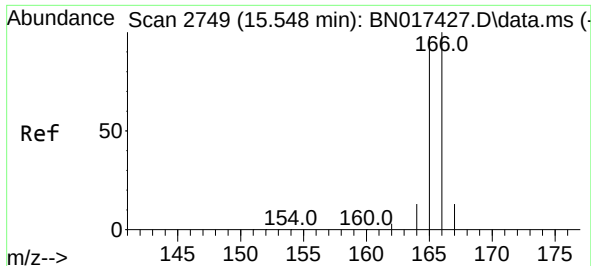
Tgt Ion:152 Resp: 24406
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 13.2 11.1 16.7



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.564 min Scan# 2536
Delta R.T. -0.009 min
Lab File: BN017430.D
Acq: 14 Nov 2021 15:59

Tgt Ion:153 Resp: 19709
Ion Ratio Lower Upper
153 100
152 48.1 38.3 57.5
154 88.8 71.1 106.7

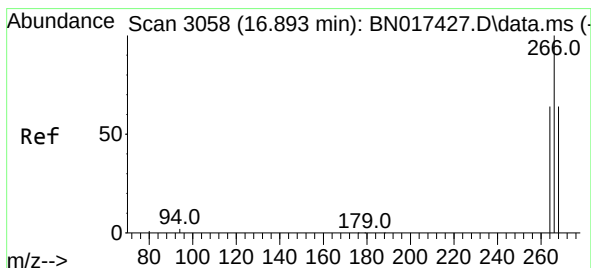
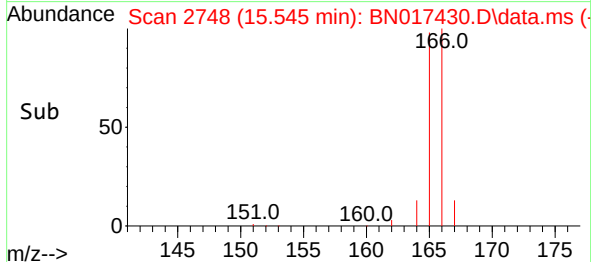
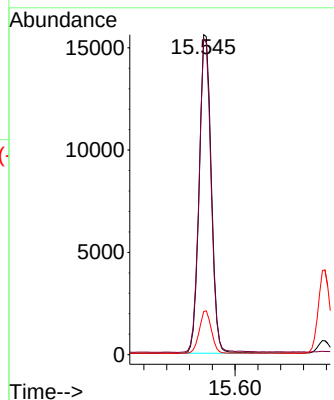
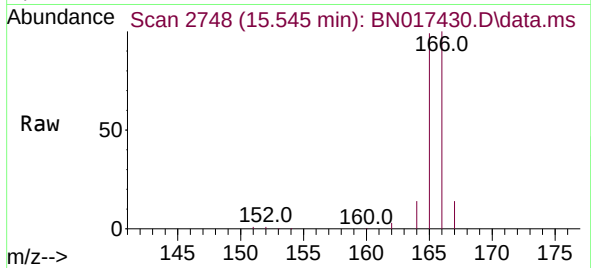




#12
 Fluorene
 Concen: 0.343 ng/ul
 RT: 15.545 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BN017430.D
 Acq: 14 Nov 2021 15:59

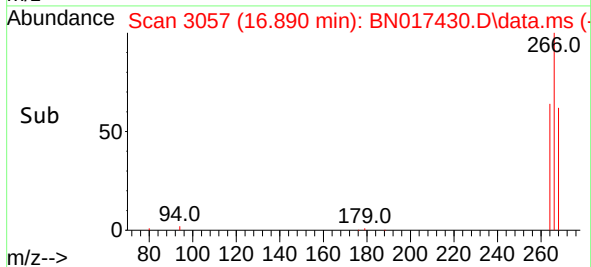
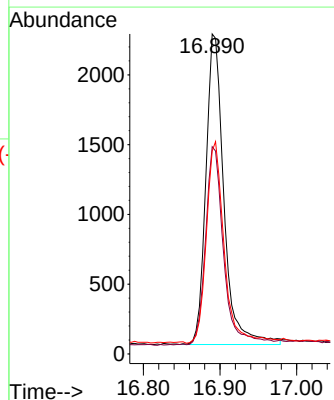
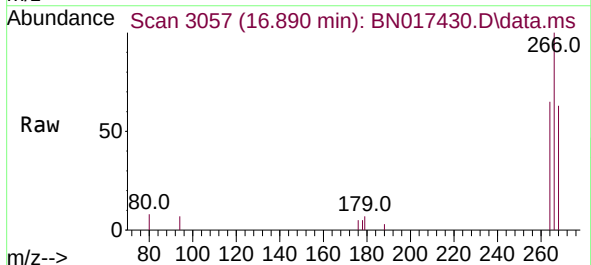
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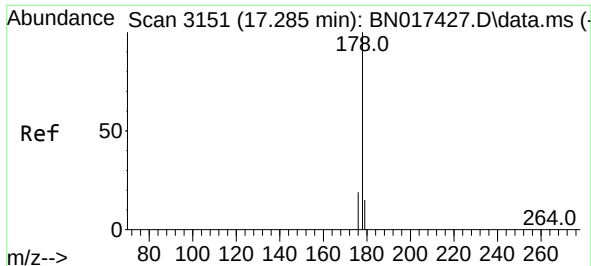
Tgt Ion:166 Resp: 22856
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.2 118.8
 167 13.5 11.2 16.8



#14
 Pentachlorophenol
 Concen: 0.496 ng/ul
 RT: 16.890 min Scan# 3057
 Delta R.T. -0.012 min
 Lab File: BN017430.D
 Acq: 14 Nov 2021 15:59

Tgt Ion:266 Resp: 3641
 Ion Ratio Lower Upper
 266 100
 264 64.5 50.3 75.5
 268 64.3 52.2 78.4

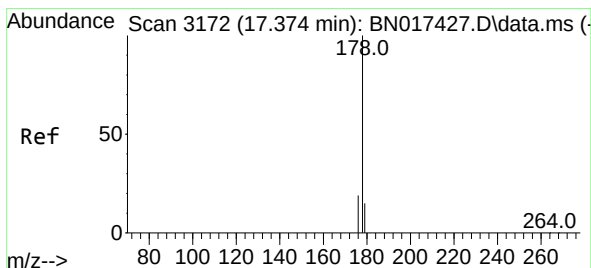
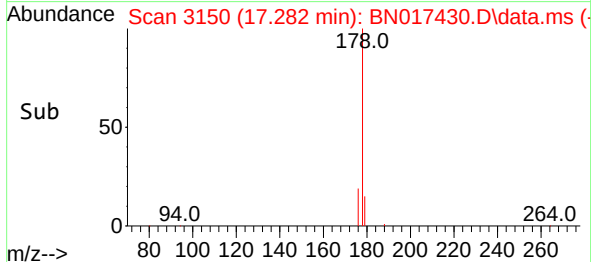
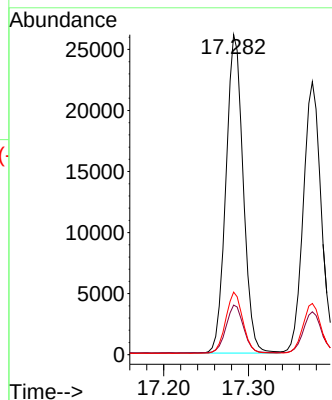
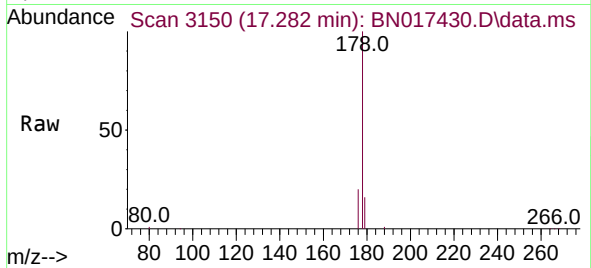




#15
Phenanthrene
Concen: 0.366 ng/ul
RT: 17.282 min Scan# 3150
Delta R.T. -0.012 min
Lab File: BN017430.D
Acq: 14 Nov 2021 15:59

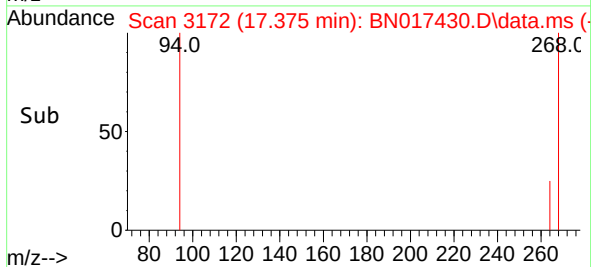
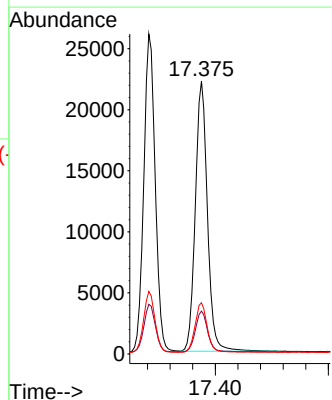
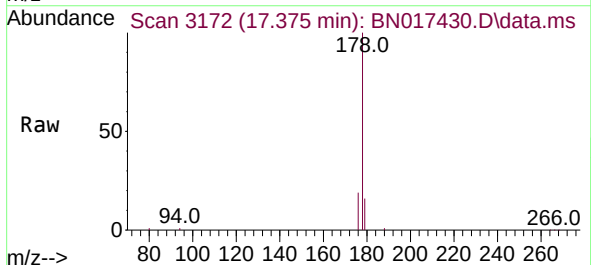
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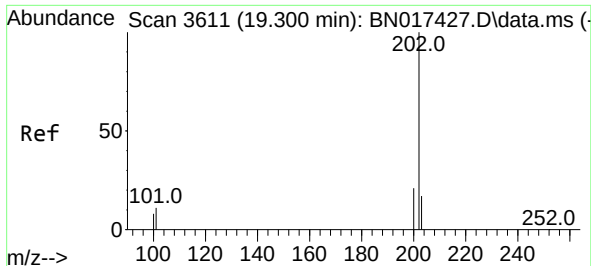
Tgt Ion:178 Resp: 36876
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.325 ng/ul
RT: 17.375 min Scan# 3172
Delta R.T. -0.012 min
Lab File: BN017430.D
Acq: 14 Nov 2021 15:59

Tgt Ion:178 Resp: 32956
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 18.7 15.1 22.7

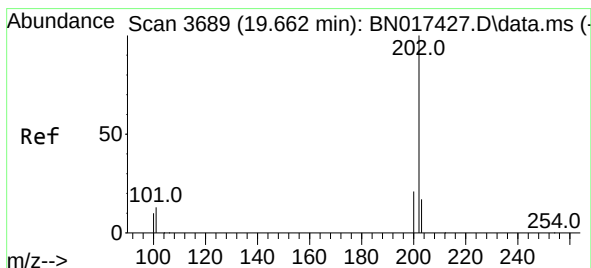
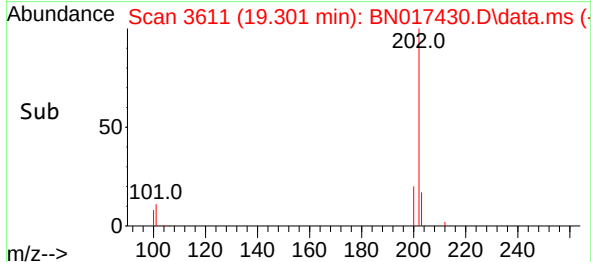
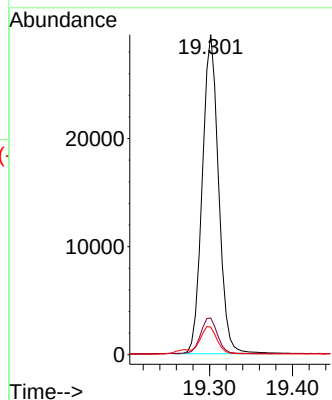
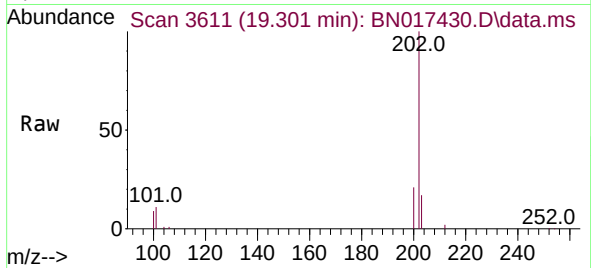




#19
Fluoranthene
Concen: 0.385 ng/ul
RT: 19.301 min Scan# 3611
Delta R.T. -0.014 min
Lab File: BN017430.D
Acq: 14 Nov 2021 15:59

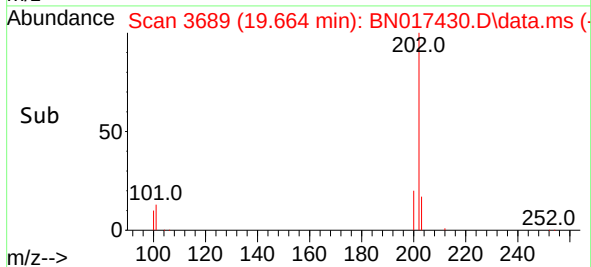
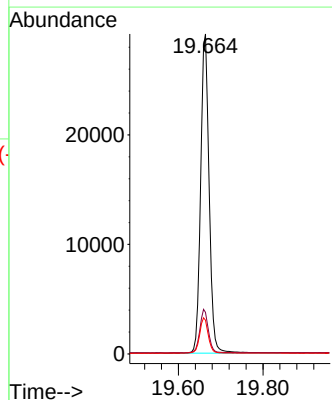
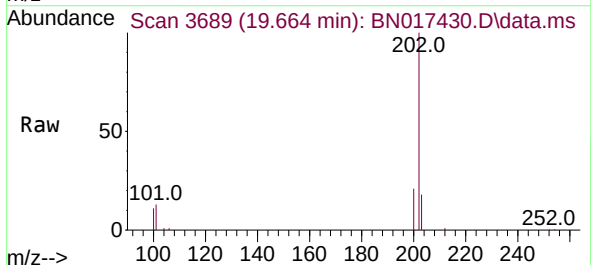
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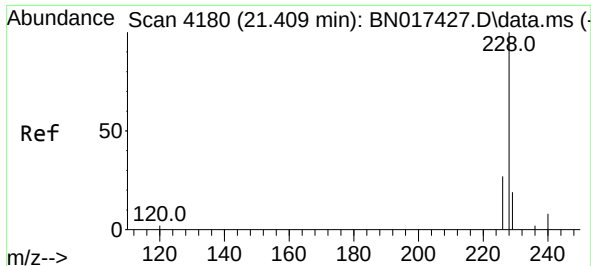
Tgt Ion:202 Resp: 40335
Ion Ratio Lower Upper
202 100
101 11.5 9.0 13.4
100 8.6 6.8 10.2



#20
Pyrene
Concen: 0.378 ng/ul
RT: 19.664 min Scan# 3689
Delta R.T. -0.009 min
Lab File: BN017430.D
Acq: 14 Nov 2021 15:59

Tgt Ion:202 Resp: 40447
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.2
100 10.6 9.4 14.0

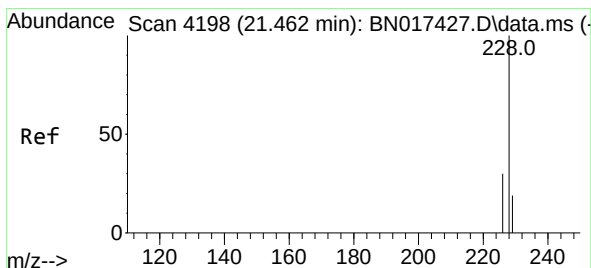
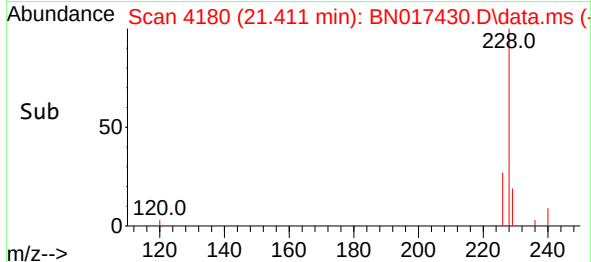
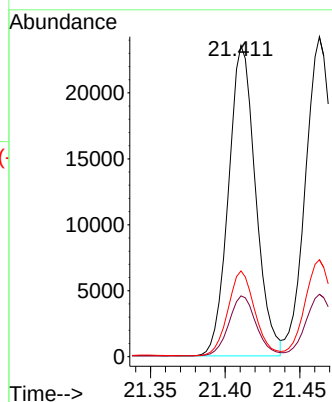
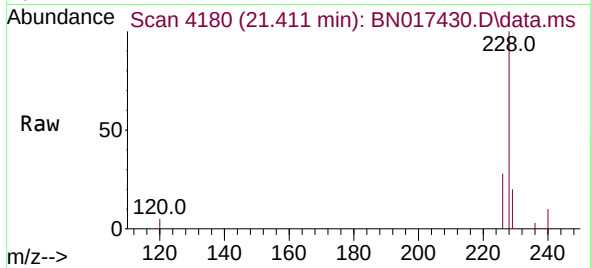




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.411 min Scan# 4180
Delta R.T. -0.014 min
Lab File: BN017430.D
Acq: 14 Nov 2021 15:59

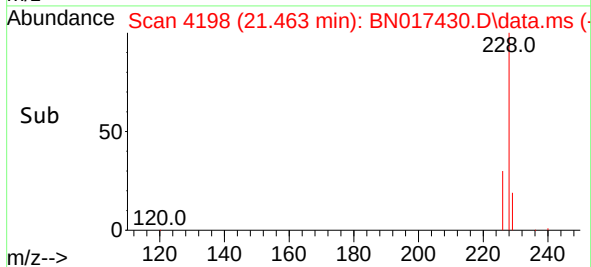
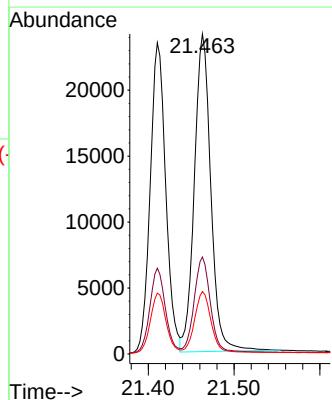
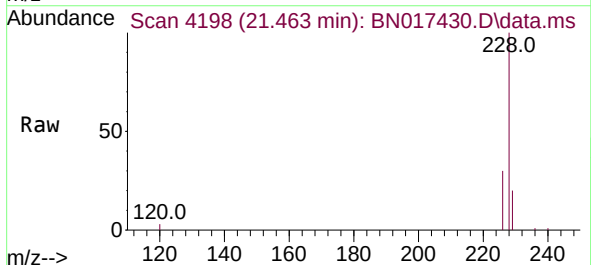
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ClientSampleId :
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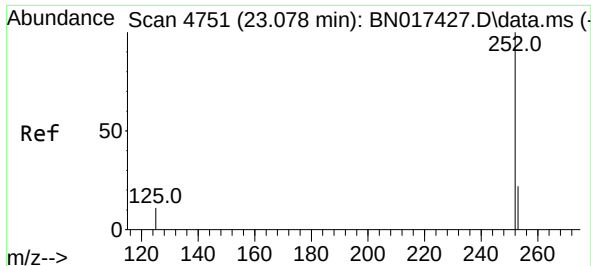
Tgt Ion:228	Resp:	29678
Ion Ratio	Lower	Upper
228	100	
229	19.6	15.8 23.6
226	27.5	21.8 32.8



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.463 min Scan# 4198
Delta R.T. -0.014 min
Lab File: BN017430.D
Acq: 14 Nov 2021 15:59

Tgt Ion:228	Resp:	32054
Ion Ratio	Lower	Upper
228	100	
226	30.3	23.9 35.9
229	19.5	15.7 23.5

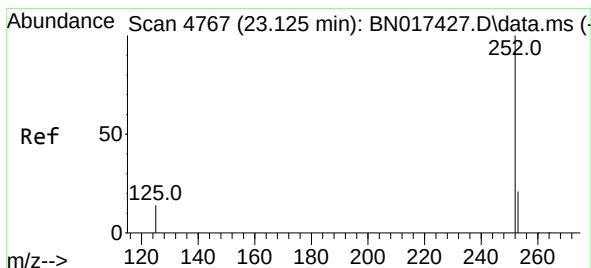
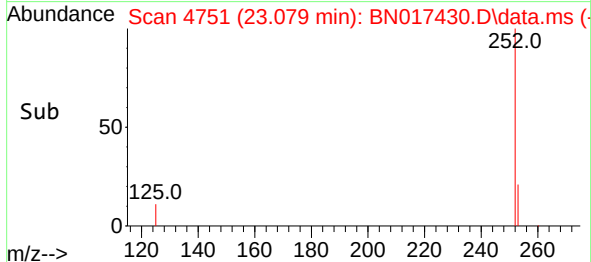
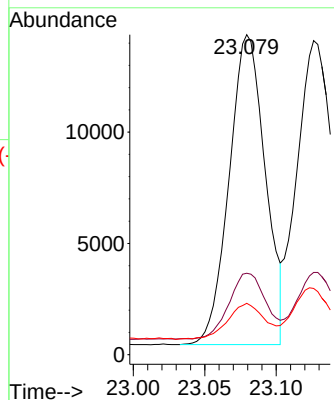
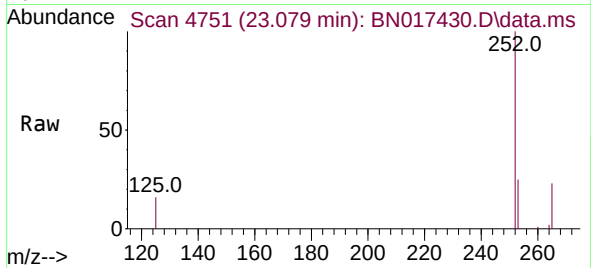




#24
Benzo(b)fluoranthene
Concen: 0.403 ng/ul
RT: 23.079 min Scan# 4751
Delta R.T. -0.020 min
Lab File: BN017430.D
Acq: 14 Nov 2021 15:59

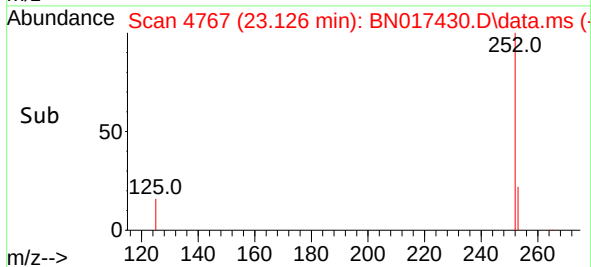
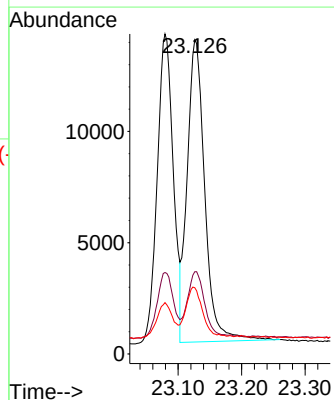
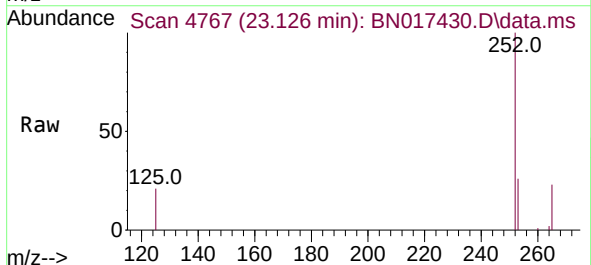
Instrument :
BNA_N
ClientSampleId :
SLCS498

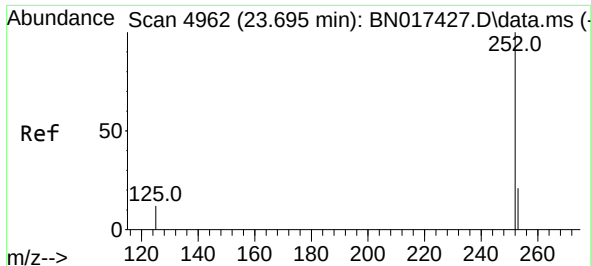
Tgt Ion:252 Resp: 24474
Ion Ratio Lower Upper
252 100
253 25.5 0.0 57.6
125 16.0 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.417 ng/ul
RT: 23.126 min Scan# 4767
Delta R.T. -0.020 min
Lab File: BN017430.D
Acq: 14 Nov 2021 15:59

Tgt Ion:252 Resp: 26097
Ion Ratio Lower Upper
252 100
253 26.2 23.1 34.7
125 21.1 17.1 25.7

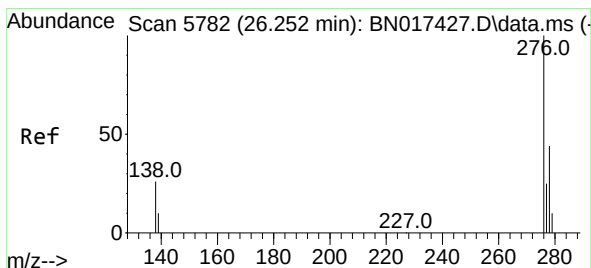
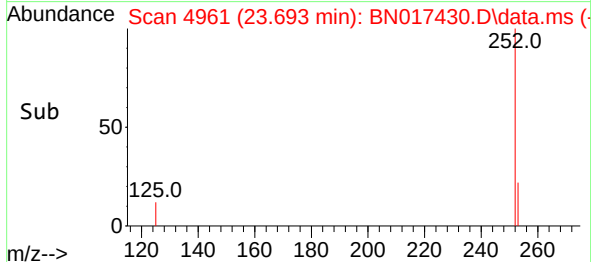
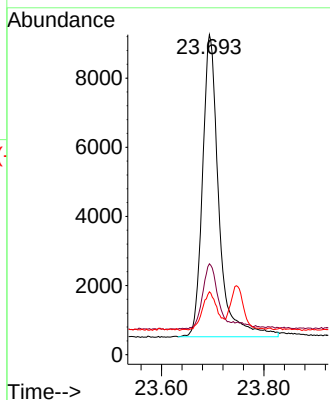
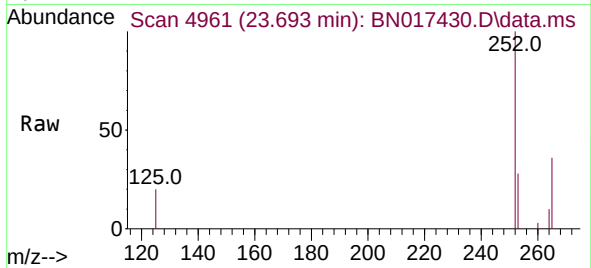




#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.693 min Scan# 4961
Delta R.T. -0.020 min
Lab File: BN017430.D
Acq: 14 Nov 2021 15:59

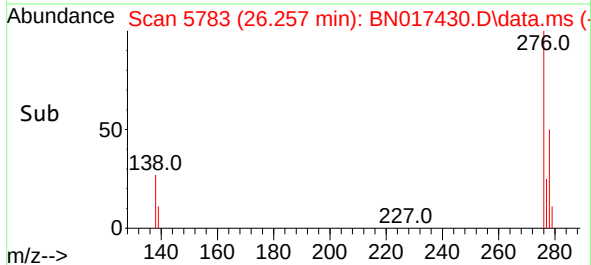
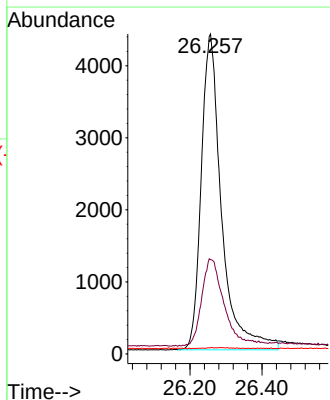
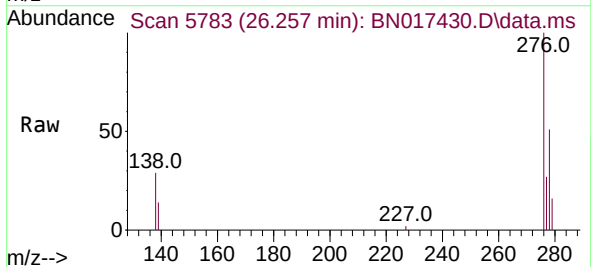
Instrument :
BNA_N
ClientSampleId :
SLCS498

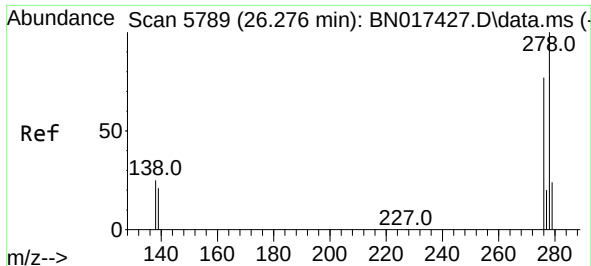
Tgt Ion:	252	Resp:	19347
Ion Ratio	Lower	Upper	
252	100		
253	28.4	25.0	37.4
125	19.6	19.3	28.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng/ul
RT: 26.257 min Scan# 5783
Delta R.T. -0.030 min
Lab File: BN017430.D
Acq: 14 Nov 2021 15:59

Tgt Ion:	276	Resp:	17166
Ion Ratio	Lower	Upper	
276	100		
138	30.9	0.1	0.1#
227	0.1	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.404 ng/ul

RT: 26.274 min Scan# 51

Delta R.T. -0.040 min

Lab File: BN017430.D

Acq: 14 Nov 2021 15:59

Instrument :

BNA_N

ClientSampleId :

SLCS498

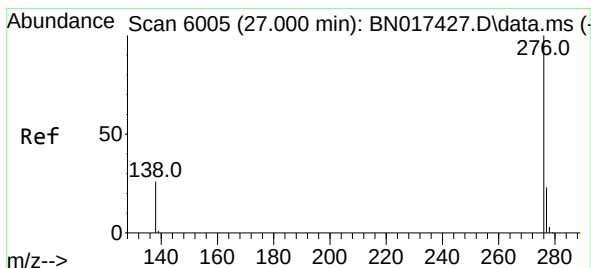
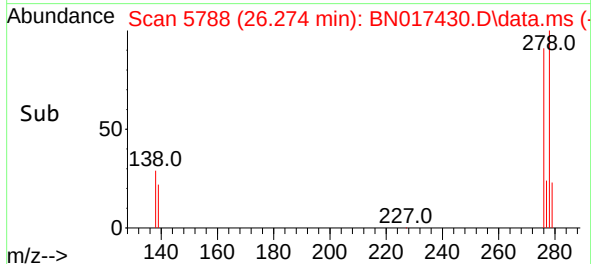
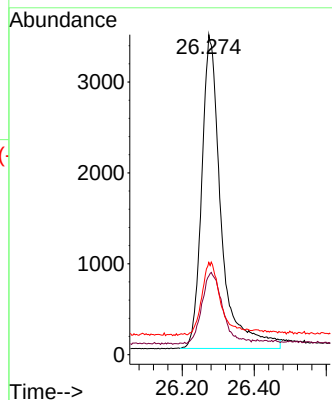
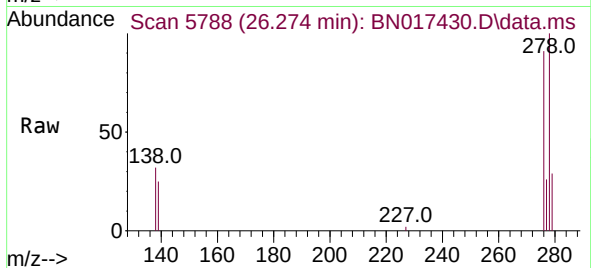
Tgt Ion:278 Resp: 12869

Ion Ratio Lower Upper

278 100

139 24.6 21.8 32.8

279 28.9 26.3 39.5



#29

Benzo(g,h,i)perylene

Concen: 0.424 ng/ul

RT: 26.998 min Scan# 6004

Delta R.T. -0.040 min

Lab File: BN017430.D

Acq: 14 Nov 2021 15:59

Tgt Ion:276 Resp: 16603

Ion Ratio Lower Upper

276 100

138 27.3 24.5 36.7

277 25.0 21.2 31.8

